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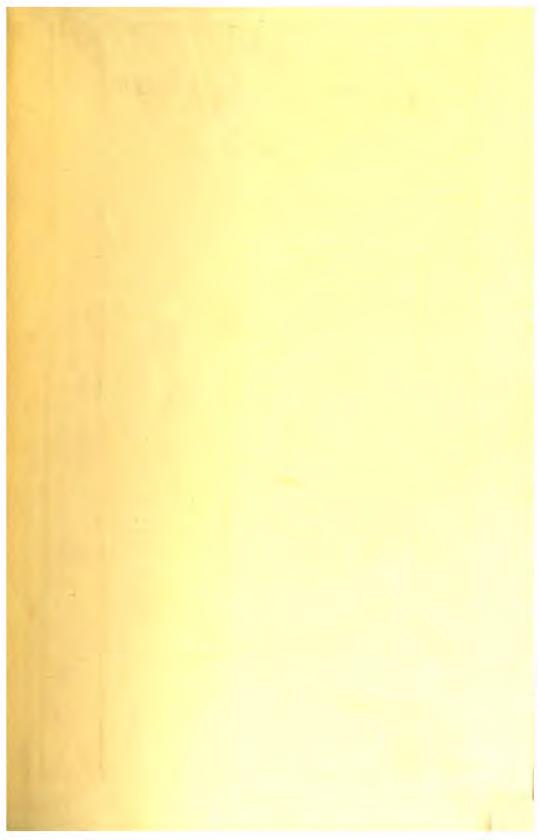
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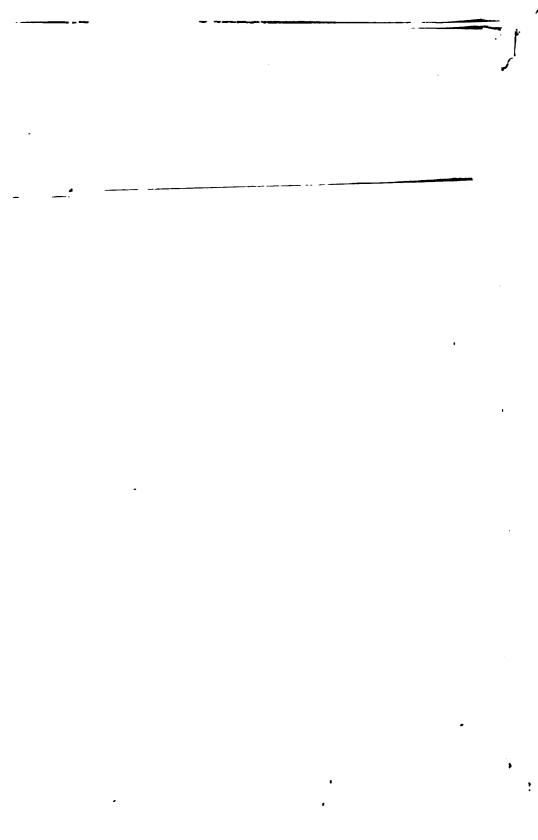
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[&]quot; Nec omnia dicentur sed maxime insignia."

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HUNGARY.

HUNGARY (Hung. Magner Orszag), a kingdom of Central or S.E. Europe, which, taken in its widest acceptation, inctudes, besides Hungary Proper, Croatia, Shavonia, the military frontier provinces, and Transylvania. In a more limited sense, it denotes Hungary Proper, with Croatia and Slavonia, to the exclusion of the other prova. Hungary, thus considered, is situated between 440 % and 360 30 %. Ind., and between 140 % and 260 30 %. Ind., and between 140 % and 260 30 % E. long. The chain of the Carpathians forms the boundary of Hungary on the N.W., N., and N.E. They stretch from the Danube, near Presburg, in the form of a circle, towards Moravia, Galicia, and Transylvania, until they meet the Danube a second time at the ravine called the Iron Gates. On the S., the Danube and the Save separate the hingdom from the Turkish provs. of Servia and Bosnia, to the junction of the latter river with the Unna; which thence continues to mark the boundary. Hungary may be considered generally as a large plain sloying to the S., and surrounded on every side by heights of different elevation, but most considerable in the N. sections of the kingdom.

Mossatains.—The first group of hills which runs N. from the Danube, near Presburg, is named the Little Carpathians, and is of small extent and inconsiderable elevation. Granite and gneiss, overlaid by grawacké. A third group, called the Jablunka range, terminates with the Pass of Jablunka, through which the high road from the valley of the Wang passes into Sheisia. The formations in the last-named group are grawacké on primitive limestone, which reaches a height of 1,500 to 2,000 ft. On the E. side of the Jablunka Pass a chain of mountains commences, which treaches a height of 1,500 to 2,000 ft. On the E. side of the Jablunka Pass a chain of the Dunajec. The formations of this chain are, as far as Neumarkt, the same with the Jablunka; the summit being all the superimposed.

of mountains commences, which stretches E. to the banks of the Dunajee. The formations of this chain are, as far as Neumarkt, the same with the Jablunka; the summit being all of limestone, with grauwacké superimposed. At Neumarkt the great sandstone formation commences, and, for an extent of more than 400 m., constitutes the leading feature of the E. Carpathians. Between the Dunajee and the Poprad, a branch of the Magura chain, situated altogether in Galicia, stretches to the S.W., and connects with the chain now described an isolated situated altogether in Galicia, stretches to the S.W., and connects with the chain now described an isolated group of lofty mountains, the naked summits of which group of lofty mountains, the naked summits of which rise, like so many gigantic sugar-loaves, from the vale of the Wasg and the plain of Zips. This is the Tatra group, in which some of the highest summits of the Carpathlans are found. The summits of the Tatra are of granite and gneiss, bare of vegetation, and varying annually in elevation, from the effects of thunderstorms and the melting of the anow which covers them for a great portion of the year. The large mountain group, of which the Kralowa Hora forms the highest summit, covers a large portion of N.W. Hungary. On the E., the Tatra chain is bounded by the valley of the Gran, on the W. by the Wasg. The principal portion of the Matra group is likewise formed of trachyte, mingled occasionally with granite.

Branching from the N. Carpathlans. in the beginning

grante.

Branching from the N. Carpathians, in the beginning only as a succession of belights, traversing the level country of Zips, another trachyte mountain chain of considerable elevation runs S. between the rivers Hernad and Bodrog, and joins the Theiss near Tokay. This mountain chain, named the Hegyalla, is famous for the opals found within it, as well as for the wine grown upon Vo. 11.

its S. slope. On the E. bank of the Poprad, a long unbroken chain of the Carpathians stretches E. as far as the sources of the Save, and thence S.E. to the sources of the Theiss.

the sources of the Save, and thence S.E. to the sources of the Theiss.

On the W., Transylvania is divided from Hungary by a chain of heights, lying between the Samos and the Maros, two rivers which Sow W. to join the Theiss. Though the summits of this chain no where exceed 3,600 ft., it is yet extremely rugged and precipitous. In the N. part, limestone riess above the sandatone; and in the S. summits, guelss and granite break through the upper strata. These hills are composed of Jura limestone, resting on transition limestone and mica slate, with occasional interruption of syenite, porphyry, and other volcanic matters, rich in veins of metal of various kinds. They stretch between the Maros, Czerna, and Danube. The frontier of the Banat, towards Wallachia and Transylvania, is formed by the last offsets of the Carpathians towards the Danube, in the valley of which river the mica slate of the Banat gives place to limestone. The rocks that close in the river as it leaves Hungary, and which are named the Clissers, are composed of limestone traversed by broad veins of quarts. This passage, between the B. Carpathians and the N. offsets of the Balkan, which meet them on the Servian side, is more than 70 m. in length, and ends with the dangerous rapid named the Iron Gate. (See Danuse.)

On the S. side of the Danube, near Presburg, are the

Balkan, which meet them on the Servian side, is more than 70m. in length, and ends with the dangerous rapid named the Iron Gate. (See Danuer.)

On the 8. side of the Danube, near Presburg, are the Leitha mountains, which form the boundary towards Austria, and are officis from the Alps, as they subside from Styria towards the Danube. Granite and gneiss appear in the highest summits, on which sandstone and limestone formations lie superimposed. The Bakony Forest hills stretch from the Danube towards the 8. dividing the lesser from the great plain of Lower Hungary. Near the mouth of the Drave, this chain, dividing that river from the Save, subsides to the plain, but rises soon after on the right benk of the Danube, which turns E. as soon as it reaches these heights. The summits of the greater part of these offsets from the Alps are limestone, overlaid by tertiary formations, except on the banks of the Danube, where serpentine and schiat rise in bold masses above the secondary rocks. This chain of heights, called the Fraska Gora, terminates at Szankamien, opposite the mouth of the Theiss.

The Julian Alps and their offsets cover Croatia and the Hungarian coast districts, the Capella and Villebich being the last braches of this range towards the S. Valez.—In the N. of Hungary, the valleys are very numerous, and highly picturesque. The gleen in the Tatra mountains are wildly romanic, offering every variety of rocky scenery, and being interspersed with numerous lakes and waterfalls. The valley of the Waag is most extensive, being more than 200 m. long. The rocks of Sulyo, where the Waag crosses the ridge of the Tatra, are amongst the most picturesque in Europe. The valley of Kohlbach, that of the Jablunka Pass, and of the five lakes in the high Carpathian groups, the valley of the Czerna, in the hills of the Banat, near the baths of Mehadia, are all highly beautiful, and, in mountain chains of less extent, would be deemed grand. The valleys of the Save (the Syrmia) and the Drave contain some of the finest land and sce

Plains. — The plains of Hungary are very remarkable,

the greater part of the kingdom consisting of two extensive levels. The plain of Upper Hungary, by far the smaller of the two, is bounded N. by the Lesser Carpathians and the mountainous districts of the N.W. coun-

sive levels. The plain of Upper Hungary, by far the smaller of the two, is bounded N. by the Lesser Carpathians and the mountainous districts of the N. W. counters; W. My the Leitha mountains, and the offsets of the Styrian Alps, which, as well as the Croatian Hills, confine it also on the S.; the Bakony Forest forming its E. boundary on the E. as far as the Danube. This plain is traversed by the Danube from W. to E., and is watered besides by the Raab, Waag, and Neltra. The Lake of Neusiedler-See, at the foot of the Leitha hills, issues from great marshes lying between it and the Danube. The soil of this plain is more fertile on the N. than on the S. side of the Danube, but it every where produces good and abundant crops of corn.

Near Buda, the Danube, but every where produces good and abundant crops of corn.

Near Buda, the Danube, but is traverses N. to S., from Waitsen to Dalya, whence its course is E. The great plain is bounded W. by the Bakony Forest hills; N. by the Hegyalla, and offsets of the Carpathians; the frontier hills of Transylvania bound it E.; and the high lands of Servia and Slavonia on the S. The extent of this plain is estimated at 1,700 sq. German miles, or \$6,000 sq. English miles, and is consequently about 4,000 sq. m. larger than Ireland. In the whole plain scarcely a single point is more than 100 ft. above the level of the Danube, which, in this part of its course, is 300 ft. Those with its affluent the Ssamos, Maros, Körös, &c. The fall is every where very trifling, and the greater part of these streams have a winding course, through a country such as the Kürös and Theliss, form a succession of swamps, and the whole maraby land of the plain is estimated to cover a surface of 2,425 sq. m., which is swholly reclaimable. The Balaton Lake lies at the S. W. extremity, at the fall of the Bakony Forest hills. With the exception of some extensive sandy tracts near Debrectin, and in the co. of Pest, the whole of this plain the exception of some extensive sandy tracts near De-brecain, and in the co. of Pest, the whole of this plain contains some of the richest soil of Europe.

breezin, and in the co. of Fest, the whole of this plain contains some of the richest soil of Europe.

Riserz. — The numerous rivers which water Hungary all, with one sole exception, into the Danube, which traverses the kingdom in a general 8.E. direction. The distance along the stream, from Presburg, where it enters, to Orsova, where it leaves, Hungary, is 580 m. Its direction from Presburg to Waltzen is E.; but here it makes a sudden turn 8., and runs 8. to the juncture of the Drave, from which point its general course to Orsova is E. by S. Of the 30 navigable rivers which are its tributaries, several of the largest belong to this country. The largest and most important is the Theiss, 420 m. long, rising in Transylvania, and Sowing N. W. to lat. 48° 30° N., and long, 23° 10° E. whence it runs 8. by W., in a very irregular channel, which, for about 180 m., its parallel to that of the Danube. Its chief tributary is the Maros. (See Thuss.) The other affluents on the N. side are the Wang and Neutra, the Gran and the Eapel. Of the S. affluents, the most important is the Drave, which rises in the Pustsher-thal from Villach in Carinthia. (See Days N. Thesela from Villach in Carinthia. (See Days N. Thesela from Villach in Carinthia. which rises in the rustrict that of the yrvi, and make it.

E. course of 380 m. through a plain country; it is navigable from Villach, in Carinthla. (See Daave.) The
second in size is the Save, which rises in the Julian Alps,
and runs E. by S., joining the main stream near Belgrade. Length about 340 m. The Raab is of consider-

grade. Length about 340 m. The Raab is of considerable size; but the rest are unimportant. (For further particulars, sec DANUSE.)

The only river which rises in Hungary and does not belong to the region of the Danube, is the Poprad, the source of which is in the Krivan, very near that of the White Wang. The Poprad traverses the level country of Zips, passes through the mountains near Mussyna, into Galicia, and unites with the Dunajec, which falls into the Vistula. At Lublo, in Zips, the Poprad is navigable for refts.

rafes.—No country is better adapted for, or more needs, canals than Hungary. The greater number of those hitherto made have been cut to regulate the courses of winding rivers. Such are the Leitha canal, in the co. of Wieselburg; the Albert-Karasicza canal, in the co. of Barany, and the cuts for the regulation of the Körös, in Heves co., and of the Bersava, in the Banat. Other cuts, on a large scale, regulate the course of the Latoreza in the co. of Beregh, and of the Survix, in the cos. of Wesprim, Sthulweissenburg, Tolna, and Szümegh. The most remarkable canal in Hungary, however, is the Francis or Bacs canal, between the Theiss and the Danube. It is nearly 70 m. long, and at the level of the water is 8 ft. deep and 60 ft. broad. The difference between the levels of the Danube and the Theiss 37 ft., which is carried off by locks. The entire cost of serence between the levels of the Danube and the Theiss is 37 ft., which is carried off by locks. The entire cost of this undertaking was 300,000£. A similar canal between the Theiss, near Szegedin, and the Danube, near Pest, is projected.

The Begs canal, between the Temes, near Temeswar,

he Bega canal, between the Temes, near Temeswar, the Theiss, near Tittel, is on a smaller scale, but a

most useful undertaking, and a source of great prosperity to the Banat.

to the Banat. Lakes. — Hungary possesses two of the largest lakes of Europe; — the Neusledler-See (Hung. Fertő-Tava), in Upper Hungary, lying S. of the Danube, in the cos. of Oedenburg and Eisenburg, is 25 m. long, 12 m. broad, and from 9 to 13 ft. deep. its waters rise and fall without apparent cause, often receding from the banks, and then again filling and overflowing them. Lake Balaton, structed in the creat distance from the then again filling and overflowing them. Lake Balaton, situated in the great plain, at no great distance from the Neusieder-See, is nearly 50 m. long by 10 m. broad, and receives the river Syala on the W. side. The water is very slightly tainted with sait. Besides large lakes, Hungary possesses an almost inconceivable number of stagnant sheets of water. Some in the Carpathian mountains, though small, are especially worthy of notice; these are the White, the Green, and the Red lakes. The Green Lake is 4,764, the White Lake 5,224 ft. above the sea, and both are enclosed by high and precipitous granite rocks. There are many mineral springs in Hungary, the principal of which are at Mehadia, in the Banat, at Trentchin on the Waag, and at Bartfeld, in the N. chain of the Carpathians.

Hungary, the principal of which are at Mehadia, in the Banat, at Trentchin on the Waag, and at Bartfeld, in the N. chain of the Carpathians.

Climate. — The climate of Hungary is of three kinds, varying according to the surface of the country. The climate of the Carpathians, including the high lands of N.W. Hungary, is coldest, and that of the great plain is the warmest; the climate of the high lands S. of the Danube being a mean between both. The mean temperature of Buda, which represents the mean climate of riungary, is stated to be 10° Reaumur, or \$4° 30° Fah., corresponding nearly with the mean temp. of Nantes. At Nantes, however, the difference between the winter and summer averages 15° Reaum, and the range is 17°; whereas, at Buda, the average difference is 21°, and the range 23°. In the great plain, the mean temp. is 12° 48′ Reaum, or the same as at Milan. (Bergkasz.) The mean fall of rain at Buda is 16 inches, the number of rainy days being about 112; the average of all Germany being 150 days. In the high Carpathians, the yearly average is doubtless very much greater; whereas the summer and autumn, in the low lands, are usually seasons of drought, unfavourable alike to agriculture and river navigation.

Verticulate navigation.

drought, unfavourable alike to agriculture and river navigation. Productions.—The products of Hungary embrace all the plants indigenous to Europe, from the liceland moss, gathered on the Carpathians, to the liceland moss, gathered on the Carpathians, to the rice and cotton plant, so successfully cultivated in the Banat, and the olive, which thrives in the coast district. In the hills, especially in the Carpathian district, far forests abound; but along the plains and valleys of the Save and the Drave, extensive oak and beech forests are found. The oak forests yield large quantities of gail apples, and large herst of swime are fattened on the acorns and beech mast. The increase of pop. every where introduces improved fruit plantailons, and the S. slope of every elevation is found covered with vines and orchards. The well-known liquer Shivouriza (Shive plum) is made from the plums grown in the S. parts. The grapes are of various kinds, and one species, the forming grape, of which the Tokay wine is made, is peculiar to Hungary. The extent of the wine country, including the fall of the hills, to the two plains and the valleys of the Save and Drave, is more than 2,000 English miles long, measured in a straight line. Many districts, such as the Fraska Gora hills in Slavonis, and the hills near Buda, yield a heavy red wine, which, with care, might easily be fitted for exportation. The water melon in the great plain has obstanced a kind of national celebrity. It often attains red wine, which, with care, might easily be fitted for exportation. The water melon in the great plain has obtained a kind of national celebrity; it often attains a weight of 30 lbs. and upwards. Tobacco is particularly fine. Dye-plants of all kinds, madder, woad, and safflower, succeed wherever they are cultivated; but what is of far more consequence, the soil is particularly adapted to the cultivation of wheat, which is largely exported. Of other cereal plants, little more is grown than is required for local consumption, excepting maise, much of which is sent to Italy. Rapeseed and hemp, also the produce of the marshes, are objects of trade; and popples, for oil, are much cultivated. The laurel, the laurus linus, arbutus, cedar, and other evergreens, are too tender to bear the winter cold.

Animals.— Among the animals, the bear of the Carpa-

tender to bear the winter cold.

Animals. — Among the animals, the bear of the Carpathians is the most remarkable; and in autumn he often visits the oak and beech forests of the low countries: wolves sits the oak and beech forests of the low countries: wolves are more numerous. The small lynx, wild cat, and wild boars are found in all parts. There are many varioties of the dog; one of the finest is the wolf-dog, found in every shepherd's cottage. The chamois and marmot are inhab, of the Carpathians; and stags, roebucks, foxes, and hares are common, though seldom preserved for game. Among birds, the golden eagle, as a stray visitor, and the stone eagle, more frequently, various kinds of kites, hawks, bustards, and woodcocks, partridges, and black game; and all kinds of domestic fowis thrive remarkably in the S. parts, and have beautiful plumage hierons' plumes are taken as rent in some parts of Transylvania. Fish abound in the rivers of Hungary, espeeially in the Theiss, which is said to be the richest flahriver in Europe: amongst these, the sturgeon, and the fognach of Lake Balaton (*Perca sucioperca*) are much esteemed. The entomology of Hungary is richer than in any other part of Europe, owing to the extensive forests and large swampy tracts of the warmer districts. In the forests along the Save, cantharides are gathered. Waspa and hornets brild enormous nests in the standy being, which are not exterminated without difficulty and danger. Swarms of gnats of peculiar kinds occur in the Banat. One kind, which is harmless, is peculiar to the river Theiss, and increases so rapidly at the breeding time, as to cover the stream like a thick cost of moses, and even to impede the navigation. In this state, the masses of insects are collected by the peasantry, and given as food to the cattle. Another more formidable insect, the Co-fambaces gnat, issues from the everum of the limestone rocks on the banks of the Danube, and apreads in swarms over the adjacent plains, to the great annoyance of the cattle. Locusts are often met with; and the destruction of their eggs, which they lay deep in the earth, is a work of great shour. The limestone from the cattle. See, form a considerable article of trade. (*Pager's Hungary, especially and the metals are net with in the kingdom. They are mosely found in the central trachyte groups of N.W. Hungary. Gold is found at Schemitts, in a whithis compact limestone, alternating with syenite and porphyry. At Königsberg, Telke Banya, and in the still richer mines of the limetone of the part, is found at Schemitts, in a whithis compact limetone the part of the part of the pearl-down the class of the cattle. Another more formidable insect, the Content of the part of the pearl of the

to the cattle. Another more formidable insect, the Coismakars gnat, issues from the caverns of the limestone
rocks on the banks of the Danube, and apreads in swarms
over the adiacent plains, to the great annoyance of the
cattle. Locusta are often met with; and the destruction
of their eggs, which they lay deep in the earth, is a work
of great labour. The leeches of S. Hungary, especially
those from the Neussiedler-See, form a considerable article of trade. (Pager's Hung., i. 29.)

Minerals.—The minerals are very important. Nearly
all the metals are met with in the kingdom. They are
mostly found in the central trachyte groups of N.W.
Hungary. Gold is found at Schemnits, in a whitish compact limestone, alternating with syenite and porphyry. At
Königsberg, Telke Banya, and in the still richer mines of
Nagy Banya, on the frontier of Transylvania, the ore is
found in small conglomerations, or thin veins, in soft
sandlike masses of decayed pumice-stone, lying on and
in excavations of the trachyte, or on the porphyry, exactly
under the same circumstances as the orea described by
Humboldt, in the Mexican mines of Villalpando. Silver,
copper, and lead are found mingled with gold at Kummits, Schemnits, Nagy Banya, Telke Banya, in the
trachyte group of the Hegyalia, near Tokay, and in the
Banai. A solution of copper, locally known as cementwater, is found in many parts; and from this copper is
easily obtained. Sulphur and arsenic are found at all
the above-named places; the former in masses at Radobot, in Crostia. Another mineral peculiar to the
trachyte and porphyry rocks is the alum-stone, found in
the brecciae of Beregh, near Tokay, and Parad, in the N.
part of the Marra mountains, under similar circumstances of position and quality with the alum-stone of
the Apeanines. Cobalt is a valuable mineral, which occurr in many parts, but especially at Dobschau, in the N.
of Hungary. In the extensive sandstone hills stretcheal part of the sarra mountains, there similar circumstances of position and quality with the alum-stone of the Apeanines. Cobalt is a valuable mineral, which occurs in many parts, but especially at Dobtchau, in the N. of Hungary. In the extensive sandstone hills stretching from the Dunajec to the Transjvanian frontier, coalbeds occur, containing large quantities of the carbonate of iron, some of which yield 31 per cent. of metal. Mineral sait is found extensively in the same sandstone in the N. of Hungary and Croatia. The richest mines are those of the county of Marmaros. Indeed, the remarkable fertility of the great plain of Hungary is by some attributed to the abundance of the various asits, muriates and others, that mingle with the soil, and which serve to explain the appearance of the numerous ponds which yield soda, and from their colour are termed white lakes. These soda-lakes are scattered over the great plain, from the county of Szathmar to that of Bacc; and on the W. side of the Danube, in the counties of Stuhlweissenburg and Oedenberg. Nitre is found in these counties in sufficient quantities to supply the whole empire. The last mineral production to be mentioned is opal, found in clumps of a siliceous stone, met with in pearl-stone rocks. (Besdant.) The pearl stone presents itself in connection with trachyte and porphyry, in several parts of Hungary, over a range of 600 sq. m.; and rising 900, and even 1,200 ft. above the adjacent plains. The clumps above mentioned are hollow, the stone called half-opal. The epal is found within it, lying in the hollows, like a kernel in a nutshell, exactly as Hunboldt, in similar geological strata, found the five past, at Zimapan, in Mexico. The hyalite partakes both

is taken from Stein's Handbuch der Geographie, and the population from the government returns. The estimates of the latter by Feuyes show a discrepancy of at least one million and a baif, or about a ninth part of the whole. [See Table at the top of next page.]

These statements differ widely; but the estimate of Fenyes is entitled to more credit than the loose calculation of the official return, which has no pretension to accuracy. In the latter, no account is taken of the ravages of the cholera, to which, according to the National Encycloperdies, no less than 300,000 persons fell victims, and which is said to have been preceded and followed by a bad state of health for some years before it broke out, and after its violence subsided. The statement of Fenyes would make the pop. of Hungary 10,000,000, exclusive of the military frontier; this account was drawn up from returns turnished from the respective counties, and nearly coincides with the calculation made by M. Cacernig, in a very interesting communication in the Austrian drehies. According to the last-named writer's correction of the statements of M. Nagy, the pop. of Hungary was, in 1877, 9,755,512 souls, and this number would show down to that period a most rapid rate of increase. The pop. was,

According to a cosmo in 1787, 7,130,394.

Do. Peryes, 1835, 10,000,000, — 8 — 2*4 — Hungary contains several large cities. Pest has 60,000 inhab.; Bada, on the bank of the Danube, immediately opposite, 36,000; Debreczin, 50,000; Szegedin, 32,000, &c. Several kowas count between 30,000 and 30,000 inhabs; and even many villages are equally populous. In winter, the rural populous lin winter, the rural populous summer they are scattered according to their occupations and possessions, living either in small houses on the Pusztas, where the cattle graze, or in detached farming estas, but he can be summer they are often at a considerable distance from the villages. During the grazing season, the peasants, in large numbers, spend their time with the focks and herds intrusted to them, in the extensive pastures. The increasing subdivision of property has a tendency to diminish this nomadic system. The berdsmen are distinguished by different names, such as the horse-herd, the cow-herd, and the swine-herd.

The people of Hungary consist of seven distinct races.

the cow-herd, and the swine-herd.

The people of Hungary consist of seven distinct races. The numbers belonging to each race are given in the following table, founded on the estimate of Fenyes, in round numbers. The military frontier, and the recently added counties from Transylvania, are not included; nor is any account made of the Greeks and Albanians (10,000), the Ziguener or Gipsies (30,000), and numerous naturalised foreigners.

Ne	dons.			On this Side the Danube.	On the other Side the Danube.	On this Side the Theiss.	On the other Nide the Theiss.	Haiduck Towns.	Croatia, Siavonia, &c.	Total.
Magrees -	-			851,000	1,319,000	817,500	930,070	193,000	150,000	4,200,700
Blowacks	•	•	•	1.173.000	15,000	418,000	59,000			1,665,000
Crostians	•			186,000	214,000	1,400	162,600		750,000	1,314.000
Germans -		•			407,000	87,600	907,400		200,000	\$02,000
Wallachlang	•	-	-				891,000			891,000
Remints	•		-	6,500		216.200	107,000			430,000
Jews -	•	•		73,000	42,000	41,000	37,000		50,000	255,000

Condition of the People. — In the prove on this side the Theiss, the Magyars come into contact with the Rusniaks; side by other nations, which, separately taken, are in the prov. beyond the Theiss, with the Wallachians and lilyrian or Sarvian Slayonians; in the prov. on this side by religious differences. Of the 4,280,000 the Danube, with the Croatians, and in that beyond the Danube with the Slowacks, or Slavonians. The Magyars Calvinistic confession being that most spread amongst B 2

Lower	w Western H	ungary.		Upper o	Kastern Hu	ing ary .	
Counties.	Area in Eng. sq. m.	Pop. in 1837-58.	Pop. to Eng. eq. m.	Counties.	Area in Eng. sq. m.	Pop. in 1837-36.	Pop. to Eng. sq. m.
I. Hungary on this side (or N.) the Danube: 1. Freeburg 2. Neutra 3. Trunca 4. Trunca 6. Liptau 7. Zohl 8. Harsch 9. Houth 10. (tran 11. Neugrad 12. Feet 13. Feet (Little Cumsols)		373,600 476,300 61,600 857,900 92,800 92,800 110,900 172,600 60,500 60,500 542,900 542,900 543,400	213-4 177-8 137 192 151-9 104-2 103- 165-5 206-6 173-2 147-1 145-2 97-6 53-6	JII. Hungary on this side (or W. & N.; the Thesis: - 1. Zip. 2. Stundr - 3. Howe - 4. Borsod - 5. Torna - 6. Abe. ulydr - 7. Skros - 8. Unghvár - 9. Semplin - 10. Beregh - (Great Curnania) (Jazygia)	1,309 1,616 2,560 1,284 228 1,118 1,778 1,261 2,700 1,431 421 373	240,500 183,540 289,100 219,600 23,700 201,600 351,600 05,340 111,500 44,900 52,200	183-7 113-5 112-9 171 103-9 182-4 168 74 147-8 77-7 105-5 140
II. Hungary on the other side (or S.) the Danube leader of the Danube le	753 1,225 1,136 611 1,598 2,035 2,144 1,378 2,430 1,949	86,800 261,400 171,500 127,600 234,800 569,600 372,100 258,700 256,700	115·4 213·5 151 200·6 112 145·6 181·1 175·2 154 110·5 154	IV. Hungary on the other side (or E. dx.) the Theis: 1. Staboles 2. Stathmar 4. Bihar des 4. Bihar des 6. Bekés 7. Csongrad 8. Csinad 9. Csinad 10. Temes 11. Torontal 12. Krasso (Hajdůk towns) Total of Hungary-Proper	2,455 2,258 3,604 2,120 1,386 1,314 615 2,296 2,511 2,798 2,470 376 24,482	172,100 252,700 160,600 570,900 47,900 97,900 97,900 267,500 267,500 257,500 254,500 254,500 254,500 254,500 254,700 254,700 254,700 254,700 254,700	70-1 111-8 47-3 269 198 82-4 73-7 83-7 107-3 159 83-9 176-5 121-5
We subjoin the estimate of the military frontier, as attacement, we believe, have of the official returns, which the scrall amery on this side iii. Hungary on the off iii. Hungary on the off Cumanis, Jargja, &c. 7 Transylvanian counties Croatia	of the present ording to the greater prete afford, at be listr. the Danube er side the D de the Their	pop. of Hungary able statlet Fer raion to accuracy st, only an approx 2,5 anube 1,9 a 1,6 hers 2,3 a 3 a 3 a 3 a 3 a 5 a 5 a 5	, exclusive	Since 1839, incorporated from Transylvania: — Middle Szolnok	839 1,335 413 2,589 24,810 138	122,650 85,570 19,550 227,600 1,992,400 41,900 12,753,300	116-2 61 47 87-9 80-3 203
Berghaus estimates the p frontier and the Transpivan 11,788,190.	op. of Hung ian counties)	ary (exclusive of t	he military n. 1839, at				

them. They are a manly and active race, possessing frankness of character, and many other estimable qualities. Their general manner is serious; but in the hours of galety and feasting they indulge in tumultuous joy. The advantage possessed by the Magyar over his neighbours of other races, is altogether one of character, for in learning, the peasantry, as well as the middle classes, are behind the Germans. The hussar jacket, with light pantalcons, and the cactemers, or light boots, and a huge brimmed hat, form the costume of the lower orders. The Hungarian costume, as worn in full dress by the higher classes, is well known, and has been adopted in part for the uniform of hussar regiments in almost every country. The attids, or frock, and the minke, or long surcost, trimmed with fur, are often substituted for the dulman, or short hussar jacket. The kaipak, or fur cap, with the costly heron's feather, forms the national headgear; and on official occasions the sabre is an indispensable addition to a gentleman's attire. The Slowack, or Slavonian inhabitant of the N.W. parts of Hungary, belongs to the same family with the Moravians, whom he resembles in appearance, and whose customs and language he preserves. The government project of inducing the Slowack peasantry to adopt the Magyar language, has been detrimental to the improvement of the lower orders in these counties, and has introduced divisions in the primary schools. (See below, under Educations, and also Paget, 1, 315.; and Gleig's Germany and Husagary, iii. 244.) The Croatian peasant is not so fortunate in the tenure of his land as the Slowack, and feels more acutely the pressure both of his temporal and spritual lords. Still the Wallache in E. Hungary, and the Russniak Slavonians of the N., are far behind both the Slowacks and Croatians in point of education, and have a language that has no literature. The Wallachians almost universally profess the Schismatic, and the Russniak be United Greek, confession. The Illyrians, or Servian mingrants of the Banat, us

nal appearance of the Wallachiana at once declares them to be strangers amongst the Slavonian and Hungarian inhabitants. Their light active figures, dark complexion, and the resemblance to Italian in their dialect, proclaims their Romanic descent. They name themselves Romoussi, are poor, light-hearted, but mostly ignorant peasants, fond of brilliant colours is their dress, when their means allow of it, and submissive under oppression.

mostly ignorant peasants, fond of brilliant colours is their dress, when their means allow of it, and submissive under oppression.

The nobles and landed proprietors, with the exception of the few foreigners who have purchased property in Hungary, are of Magyar origin in the Hungarian provinces, and mostly Slavonians in Croatis and Slavonia. Their privileges are more extensive than those enjoyed by the nobles of the Continent generally, and the rank is held by great numbers, whose property does not exceed that of a peasant. Their numbers can only be learned approximatively, as they refuse to submit to any continued registration. Of late years, the higher classes have been landably active in endeavouring to smellorate the condition of the lower orders by the foundation of schools, the distribution of useful works, attention to the state of prisons, &c.: and their private beneficence has been effectually aided by the grand legislative measure of 1836, which so much extended the civil rights of the peasants. By the act of the Diet of that year, called the "Urbarram," the nobles gave up in principle two of the most obnoxious privileges of their order—freedom from taxation, and the right of their order—freedom from taxation, and the right of their order own causes in manorial courts; and agreed that disputes between peasants and their lords should be referred to a court formed of indifferent proprietors of magisterial rank, headed by the Vice-shabbrichter, or deputy-lieutenant of the county. The former heavy penalties for slight offences were modified, and appeals were admitted from these to the higher courts of the kingdom. The exemption from taxation was walved, not by a voluntary acceptance of burdens, which would have occasioned a vast revolution in property, and endangered one of the most valuable advantages of the Hungarian constitution, but by the enactment, that if a noble purchased a peasant's holding liable to taxation, the noble should continue to pay the impost. In some respects the lords were

Placed in a disadvantageous position by the new law, as the peasants may leave, sell, or transfer their holdinas at will, whereas the lord has no power over them, except that of execution for rent. The amount of rent payable for peasants' holdings was then, also, fixed by the custom of each county. The extent of a seasion, or full peasant's holding, wardes in different parts; 16 jochs of arable land, with 6 jochs of pasture (together 30 acres), being the smallest, and the largest (in the county of Arva) being 40 jochs. The right of drawing wood from the seignortal forests, of fattening pigs on the acorns, and other privileges, still remain to attest the partimonial the which once existed between the lord and his dependants. The peasant gives for his holding one day's labour in the week, with a waggon and two borses, or two days hand-labour in all counties excepting the Banat and Slavonia. These isst-named districts have peculiar customs respecting tenures. A small sum of money, and a part (1-7th to 1-9th) of the produce, are likewise paid to the lord, which may be redeemed, or converted into a rent-charge. The small tithe and the tithe of reclaimed land were abandoned by the landlords. (See Paget, 1, 296—316.) To this decree of the Diet, which, as a voluntary act of self-renunciation by the nobles, has no parallel in the annals of any other nation, other measures have since been added of scarcely less importance. A decree of the Diet of 1839 secures to the peasant the right of disposing by will of all kinds of property. In 1840 the Diet passed a bill, declaring Catholics and Protestants to stand upon an equal footing in contracts of marriage, neither comfession being suffered to impose restraints upon the other, and admitting Jews to equal rights with other commoners throughout the kingdom. It cannot be matter of wonder, if the Hungarian nation set a high value upon a constitution which has procured them so many advantages, without exposing the county to the trials and disturbances to which state under a strict

the Bansa, and in the mining districts: they are chiefy found in the towns, where the greater part of the trading population is German. In the country parts the innacepers are mostly Germans.

Mr. Paget, in his able and interesting work, Humbers are mostly Germans.

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Mr. Paget, in his able and interesting work, Humbers are not of the various customs of the peasantry: "The cottage of the illumgarian peasant (Magyar), for the most part a long one-storied building, presenting to the street only a gable-end, which is generally pierced with two small windows,—or rather peep-holes, for they are very rarely more than a foot square,—below which is a rustic seat, overshadowed by a tree. The yard is separated from the street, sometimes by a handsome double gate-way and stately wall; sometimes by a heat fence formed of reeds, or of the straw of maise; and sometimes by a broken hedge, presenting that dilapidated state of half freedom, half restraint, in which pigs and children so much delight, where they can at once enjoy liberty, and set at nought control. Passing through the gateway of one of these cottages, we entered the first door which led into the kitchen; on either side of which was a good-staed dwelling-room. The kitchen, whitewashed like the rest of the house, was itself small, and almost entirely occupied by a hearth 4 ft. high, on which was blazing a wood fire, with preparations for the evening meal. The room to the left, with the two little peep-holes to the street, was evidently the best, for it was that into which they were most anxious to show us. In one corner was a wooden seat, fixed to the wall, and before it an oaken table, so solid that it seemed fixed there too; on the opposite side stood the large earthen-wave store; while a third corner was occupied by a curious phenomenon—a low bed

while all round hung a goodly array of pots and pans, a modest mirror, perhaps even a painted set of coffeecups, and sometimes a drinking-cup of no ordinary dimensions. A Protestant peasant supplies the place of saints and virgins with heads of Kaiser France and Prince Schwartsenberg, and not unfrequently Napoleon and Wellington look terrible things at each other across

mensions. A Protestant peasant supplies the place of saints and virgins with heads of Kaiser Franzel and Frince Schwartsenberg, and not unfrequently Napoleon and Wellington look terrible things at each other across the room.

"The corresponding apartment on the other side of the kitchen was furnished with more ordinary benches and tables, and served for the common eating and sleeping room of the family. Beyond this, but still under the same roof, was a store-room and dairy, and below it a cellar. The store-room well deserved its name; for such quastities of sawe (kind of cheese), lard, fruits, dry herbs, and pickles lakl up for winter use, I never saw; and in some houses the cellar was not less plentituity supplied, and that too with very tolerable wine. The cow-house was rarely without one or two tenants: the stable boasted a pair, or sometimes four horses; the pigsties, it is true, were empty, but only because the pigs had not yet returned from the stubble-fields; and te these, most of the houses added sheepfolds and poultry-pens—presenting altogether perhaps as good a picture of a rich and prosperous peasantry as oue could find in any part of the world." (1.337.)

"It would be easy," adds the same writer, "to find a contrast to this:—Take G——, a small village of the N. of Hungary, difficult of access from the bad roads in the neighbourhood, and not favoured by nature with the richest of soils. The peasants love the brandy-bottle and hate their landlord. The Baron B— lives in Vienna, and lets his village to a greedy Jew, who grinds out of the people every particle of possible profit, no matter how injurious ultimately such conduct may prove to them or to their master. The dingy cottages are built of unhewn firs, carelessly put together, and plastered with mud on the inside; they rarely consist of two, and generally only of one chamber, where the whole family must live. Attached to the house is a shed for the oxen and pigs; horses and sheep they have none. I confess I cannot speak so minutely of the indirent o

soon deprive them or an providing to the same authority, stand still lower in the scale of civilisation. "The Magyar peasant holds the Wallacks in the most sovereign contempt. He calls them a people who let their shirts hang out from the manner in which they wear that article of clothing over the lower part of their dress; and classes them with the Jews and clipsies. Even when living in the same village, the Magyar never intermarries with the Wallack.

Wallack.

"That the Wallack is idle and drunken, it would be very difficult to deny. Even in the midst of harvest, you will see him lying in the sun, sleeping all the more compretably because he knows he ought to be working. His corn is always the last cut, and it is very often left to shell on the ground for want of timely gathering, yet scarcely a winter passes that he is not starving with hunger. If he have a waggon to drive, he is generally found asleep at the bottom of it; if he have a message to carry, ten to one but he gets drunk on the way, and sleeps over the time in which it should be executed. But if it be difficult to deny these faults, it is easy to find a palisation for them. The half-forced labour with which the Hungarian peasants pay their rent, has a natural tendency to produce, not only a disposition, but a determination, to do as little as possible in any given time,

Add to this, that at least a third part of the year is occupied by feasts and fasts, when, by their religion, labour is forbidden them; that the double tithes of the church and landlord check improvement; that the injustice with which they have been treated has destroyed all confidence in justice, and every sentiment of security; and it will not then be difficult to guess why they are idle. The weakness of body induced by bad nourishment, and still more by the fasts of the Greek church, which are maintained with an austerity of which Catholicism has no idea, and which often reduces them to the last degree of debility, and sometimes even causes death, is another very efficient cause. Like the Turks, the Wallacks ornament their borial-places by planting a tree at the head, and another at the foot of every grave; but instead of the funeral cypress, they plant the Suetschen, or plum, from which they make their brandy,—a very literal illustration of seeking consolation from the tomb. For the death of near relations they mourn by going bareheaded for a certain time,—a severe test of sincerity in a country where the excesses of heat and cold are so great as here." (ii. 215.)

The dress of the Wallachian women consists of a long white linen shirt, embroidered with red or blue wool at the celles and entity in two apprents.

The dress of the Wallachian women consists of a long white linen shirt, embroidered with red or blue wool at the collar and cuffs; two aprons, bound before and behind, serving in place of petiticoat and gown; and these aprons are not unfrequently formed of coloured laces, hanging down like a fringe to the ankles. The colours are sometimes very brilliant; and the stripes run both horisontally and perpendicularly, forming the pattern of a Scotch plaid. The Wallachians of Transylvania dress more showlly than those of Hungary; and their costume is often ornamental, and even rich. A small sheep-skin jacket, trimmed and richly embroidered, at times, is occasionally worn by the women in both countries.

jacket, frimmed and richly embroidered, at times, il oc-casionally worn by the women in both countries. Of late years, the exertions of writers in the Magyar language have furnished elementary works fitted for schools, as well as newspapers and other periodicals. The foundation of the National Cassino at Pest, which originated with Count Stephan Sacchenyl, furnished the inhab, and visiters of the capital for the first time with a The foundation of the National Cashina at rest, which originated with Count Stephan Szechenyi, furnished the inhab, and visiters of the capital for the first time with a place of meeting; and the example has been imitated by nearly every town in the kingdom. The national prints, with German and French newspapers and reviews, are now to be found in these clubs, in remote corners of the country; and small provincial theatres are, perhaps, more numerous in Hungary than in any other country. Scientific societies have also sprung up of late years; that for the Magyar language and literature was endowed by Count Szecheny with the sum of 60,000 fl.; and this no-ble example was followed, though on a smaller scale, by other magnates. A scientific institution, to be named the Ludoviceum, has long been projected, and even subscribed for; but has hitherto been delayed by a difference of opinion between the founders and the government with respect to its operation. An illyrian society of literature at Pest has recently been founded, under the patronage of Count Tököly, with a capital of 20,000 fl. The Archdulze Joseph, palatine and viceroy of the kingdom, has estabilished a pattern farm at Alesut, not far from Pest; and a college for instruction in the theory and practice of agriculture, by the Archduke Charles, has been opened at Altenburg, near Wieselburg. Two similar institutions exist in Upper Hungary; one at Kesthely, near Luke Balaton, founded by Count Festeles; and one at Rohancs, by Counts Curoly and Batthyany. To improve the breed of cattle, many of the rich proprietors send bulls and stallions to fixed stations, and the greater part of the estates in their own hands are as scientifically farmed as those of any country in Europe. Agriculture, can be the case at present, 1-4th part developed, which is not the case at present, 1-4th part developed, which is not the case at present, 1-4th part

soil, is the most important branch of national industry; and there can be no doubt, that if a market could be found for the produce, the resources of the land would be fully developed, which is not the case at present, 1-4th part of the best land lying wholly uncultivated. (Paget, it. 612.) The soil, indeed, constitutes a source of wealth in Hungary, which bed laws alone prevent from being adequately worked. In the N.W. counties, among the hills, the Moravian systems of farming are met with, —a natural consequence of the Slowack's general resemblance to the Moravian in customs and language. This part of Hungary does not produce corn enough, in ordinary years, to supply its own consumption, and imports corn, &c. from the adjoining level districts. The lesser plain of Upper Hungary contains many fertile tracts, especially N. of the Danube, as well as the islands "Gross and Kleine Schütt." cially N. of the Da and Kleine Schütt.'

The following is said to be a pretty correct statement of the way in which the soil of Hungary is distributed:—

Arable land Gardens Vineyards Meadows an - 4,897,220 jochs. - 639,000 -911,200 ows and pasture -- 7,715,230 Ponds -Forests -850 000 - 8,943,00Q

The rich soil of Lower Hungary is productive and ge-

nanty well tilled. The black vegetable mould of the Banat, or the district between the Maros, Theias, and the Danube, extending also over the counties of Bacs, Arad, Bekas, and Csongrad, is peculiarly well adapted to the growth of wheat, which consequently is grown as often as possible, that is, according to the present system, once in three years; a crop of summer corn follows, after which the land either less fallow or is sown with maiza. The following particulars respecting the cost of tillage, &c. were gathered by a traveller in the year 1839 from the books of some well-managed estates:—

P. E. C. findiwn.

books of some well-managed estates:

Cost of ploughing, I Austrian joch (equal to 1-66 English acre) in fallow in June-Beed-ploughing in October, harrowing and sowing yell and May, four lawy of the sowing yell and May, four lawy of the sowing yell and May, four lawy of the sowing yellow of the sowing yellow of the sowing yellow of the control of the sowing yellow of the yellow of yellow of the yellow of t Ff. Kr. (in allver). 2 94 • - 2 0 - 0 36 - 0 18 - 1 80 - 12 0 = L. 1 2s. OL

Total - - 11 0 = L.1 2a.04.

The immense tracts sown with grain in the great plain present a singular spectacle at harvest, owing to the great number of hands requisite to get in the crop. A square place of ground is usually well beaten at one end of the field; and if horses and oxen can be got to tread out the corn immediately, it is carried thither at once, and trodden out by their unshod hoofs. This practice of treading out the grain is, however, most wasteful: not only is the work badly done, but, being performed in the open field, it exposes the crop to the chance of plunder, and to all the vicissitudes of the weather. Sudden thunder-storms often destroy the greater part of a crop.

Notwithstanding the abundance of the crops in many parts of the plain, and the difficulty of finding a market for produce, but little money is invested in farm buildings to preserve the grain. Holes dug in the earth, and shaped something like a bottle, with a narrow entrance or neck, are dried by burning straw in them, and after being lined with fresh straw, are filled up with wheat dried in the sun. These rude granaries are common in the plain N. of the Theiss, but have given my in the Banat to regular granaries, as the foreign trade in that fertile district has gradually become regular.

The average of a number of years well ascertained gives a produce of lef metsen per joch, which, valued at 1 florin in silver (about 11s. 4d. per quarter) would leave 4 fl. per joch (or about 6s. per acre) profit to the landholder. Small tracts of land, let on short terms to peasants in the best-cultivated parts and in the neighbourhood of towns, are sometimes paid for at the rate of 4, and even 6 or 7 fl. per joch; but large estates are farmed out by the government at 1 fl. per joch, or about 1s. 6d. per acre. From the end of June the ground lies the title the following April, sheep being turned into the stubble after the September rains. The grazing of the second year is more valuable, and may be let at about 2 fl. per acre, where wool-grow

```
$1. Er. (in all ver).
Ploughing, harrowing, and sowing, about 24th April, 1 joch Stacking (four fabourers one day)
Earthing up the plants (six labourers one day)
Barthing up the piants (arx manuses and all years)
Breaking the heads when ripe (six lebourer)

Cartage from the field

Reparating the grain from the head

1 0

One quarter merizes maire as seed for 1 joob 0 15
```

9 59 =19s. Hogi. nearly. Total

The produce of a joch is estimated at 70 Presburg metzen, which, consequently, nest to the landlord only 20 breatzers, or about 10 per imperial bushed in labour. With this grain he feeds his pigs, positry, and even his bornes, which latter, however, are more frequently obliged to content themselves with the straw. Barley and oats are only cultivated for domestic use, as they are in no demand for exportation. Half the fallow is often cultivated with cow-grass or tares: the expense of this crop is—

27. Ev.

- 6 36 = Se. 7d. Engl. Total

The crop of tares and beans usually produces from 40 to 45 Austrian cwt., or 2½ to 3 tons of hay, which cost in labour, as above, about 13s.

The great drawback on the landowner's profit in these productive countries is the difficulty and expense of forwarding the produce to market. The soil of the great plain is so singularly free from stones, that road-making

is extremely difficult, and demands a large outlay. The navigable rivers and canals are by no means in a state to allow of their being used at all seasons; and these diffi-culties, added to the wasteful manner of getting in the cuities, added to the wascewi manner or getting in the corn crops, make it wonderful that as much as 16-fold can be returned from the ground. Manure is in these parts scarcely used, as it makes the plant too rank, and forces it up into straw. In the greater part of the great plain cattle-dung is cut into bricks like turf, and used for firing. Wheat-straw is likewise used for fuel, as wood is

piain estite-susg is cut into bricks like turf, and used for firing. Wheat-straw is likewise used for fuel, as wood is scarce.

Tobacco is successfully cultivated, especially in the counties of Heves, Szegedia, and Csongrad, and it has a high character in Germany. The annual produce is reckoned at \$20,000 contners, of which only \$6,000 are kept for home consumption. On being exported, it is subjected to heavy imposts, levied by government. The annual produce of the Hungarian vineyards is said to be 24,000,000 einers, or 96,000,000 gallous. These wines, which are strong and flery, requiring to be kept before they reach perfection, are of two sorts; the sweet wines (Ausbruch), and the red and white table wines. Of the former, the Tokay (grown about Tokay, on the Theiss) is unequalide for delicacy and flavour. It is a sweet; rich, but not cloying wine, strong, full-holded, but mild, bright, and clear, seldom to be procured of the finest quality, and then only at the private tables of the nobility. There are three distinct kinds of Tokay. The annual produce of the Tokay vineyards is 200,000 elmers, of which only 1-8th part is of the best quality. Good old Tokay costs, even in Hungary, from 5t. to 8t. a bottle. Next to Tokay comes the Menes wine and the Russt, Carlowitz, and St. Georg. Of the red wines, that of Buda (Officer, Wires) is considered equal to the best Burgundy; and next to it are the Pösing, Soxô, Mirkolex, Neustad, and other wines. The best white wines are those of Somlys and Nessmelly, which, it is alleged, equal any of the white wines of France, except champagne. (Faget, i. 481., and fi. 610.—612.) The cultivation of the mulberry-tree for silkworns was introduced by the Empress Maria Theresa; and in the military froutier a large quantity of silk is produced; but nether this article, nor the cultivation of dye-plants, such as woad, madder, affron, &c., is well attended to. The farmers, discouraged by the various difficulties in the way of a

sale for their crops, have of late years devoted them-selves to sheep-grazing, and the breed has been greatly improved by the introduction of the Merines. The numselves to sheep-grazing, and the bread has been greatly improved by the introduction of the Merines. The number of sheep grazed in Hungary is said by Czaplovics to be 20,000,000; and the quantity of wool exported in 1837 was 200,000.00 centners of 123 lbs., which, at the ordinary medium price of 100 florins the centner, would amount to 2,000,000. The horned cattle bred on the Hungarian plains are smong the largest and handsomest in Europe; they are a race peculiar to the country, grey-white in colour, with wide-spreading horns. The horses generally are small and weak, and of an inferior breed; but in some parts considerable attention is given to breeding, especially in the country of Caanad, where nearly 10,000 horses are kept, and stallions of all the best breeds in Europe. Hundreds of thousands of swine are bred in the forests, and on the great heath of Debrezin there are some millions of geese. Poultry and game of every kind abound throughout Hungary.

Massefactures and Trades.—Hungary, as a trading country, is quite haigaideant, and there is but little propect of her importance in this respect being speedily increased. She publishes no trade lists, nor any special details concerning her manufacture to be carried on in the N. and mountainous districts; but they do little more than supply the home consumption of the district. He names but one cotton factory at Sussin, in the country of Mirra, which produces 30,000 pieces in the year. Wool is every where manufactured into coarse cloth, for country consumption. At Pest there is a silk factory. Tobacco, leather, paper, soda, alum, and salt_petre manufactured into coarse cloth, for country consumption. At Pest there is a silk factory. Tobacco, leather, paper, soda, alum, and salt_petre manufactured into coarse cloth, for country consumption. At Pest there is a silk factory. The manufacture to be car-

factory. Tobacco, leather, paper, soda, alum, and sattpetre manufactories, with numerous iron-works, close
the industrial list.

Mines. — Mining industry ranks next to agriculture.
If would be a source of far greater profit to the country
if entirely in the hands of private companies. The expensive management of the Oberst-Kammer-Gräf, assisted by a numerous council of subordinates, and the
charges on internal communication, swallow up all the
gains, and by keeping the price high, diminishes the
consumption in the country. The produce of the various
mines of Hungary during the last lew years will be seen
in the following table: —

Mineral Products.	Districts where obtained.	Quantities obtained in Ten Years (from 1819—1818).	Quantities obtained in 1897.	
Gold	Schemnitz, Kremritz, Neuschl Schmolnitz, Nago-Benya, Banat Schemolnitz, Nago-Benya, Banat Neuschl, Schemolintz, Nago-Benya Nago-Benya, Benat Neuschl, Schmolintz Neuschl, Benat, Schmolinitz, Nago-Benya Nago-Benya Nago-Benya	14,750 merce 573,762 —	2,419 mares 64,124 — 57,976 conterts of 123 lbs. 14,942 — 7,582 — 17,17 — 4,350 — 205,303 — 12,301 — 2,062	

Considering the metallic wealth of the Hungarian mountains, this amount of produce is astonishingly low; and certainly the resources of the country are little understood, more especially as respects iron and coal. Paget considers the Hungarian coal to be equal to the English for all manufacturing purposes. (II. 508.) The number of individuals employed in the mines on government account in 1830 was 18,611, of whom 672 were officers. The salt-works employed 1,510 individuals, including 71 officers. The salaries of all amounted to 3,196,838 forins in silver. From the abundance of ore in many of the mining districts a most theiring read might be ing 71 officers. The salaries of all amounted to \$,196,883 forins in silver. From the abundance of ore in many of the mining districts, a most thriving trade might be opened; but, to insure this, the means of transit smust be improved, and government exactions must cease. The mines are divided, from their position, into four districts: the Schemolinter exactions must cease. The mines are divided, from their position, into four districts in the state of the district has the monitoring capital of Hungary. This town possesses an excellent school for miners. Bach of the districts has its government and separate establishment of smelting-incuses; but all send their produce to be assayed to Kremnitz, in the Schemnitz district. (Paget, 1. 233.)

River Communications.—The trade by way of the Black Sea was not commenced till the establishment of the steam navigation of the Danube. The Hungarian peasant, with corn, wool, and fax about him in abundance, lives in poverty, for want of a market. The articles imported from Wallachia and Moldavia are wax, honey, wool, bristles, some metals, &c. The agricultural produce of the greet plain along the Save is conveyed to Szissek, in Uroatia, whence the more expensive articles are forwarded along the river to Agram, and thence, by alond carriage, to Laibach and Trieste; those more bulky are sent up the Culpa to Caristasit, and thence conveyed to Flume by the Louisa Road. (See Flume.)

The navigation on the rivers is as well managed at present as the peculiar circumstances of the country

will allow. The barges are of great size, usually from 100 to 150 ft. long, by 17 to 34 ft. broad, and drawing 5 to 64 ft. They are built of Croatian cak, either at Srissek, on the Save, on the Theis, and cost between 600£ and 700£. They have a high pointed roof, like a house, and serve the purpose of granaries in the interior of the country. The peasants bring their corn for sale to the river's bank, and it is at once laden in aske into the harms and sorted into various partitions. Srisses, on the save, or a Segm, on the Ineiss, and cost between 600. and 70. They have a high pointed roof, like a house, and serve the purpose of granaries in the interior of the country. The peasants bring their corn for sale to the river's bank, and it is at once laden in ascks into the barge, and sorted into various partitions. These barges load from 1,500 to 2,000 qrs. of wheat. They are drawn up the Danube or the Save by 30 to 25 small horses, and are often months on their way from the mouth of the Theiss to Raab, or Wieselburg, or Ssissek, when the water is low; but, under favourable circumstances, the trip from the Theiss to Ssissek may be made in 14 or 15 days; and the freight is commonly 15 kreutzers, or 6d. per cwt. All savigation up the stream is, of course, interrupted during floods or hard frosts, and thus there are many months in the year when no navigation is possible. The improvement of the beds of the Save and the Culpa, the use of steam tow-boats instead of horses, and the adoption of smaller craft, would much increase the traffic along the rivers of Hungary. It was estimated in 1839 that 60 barges of various sizes, between 40 and 400 tons, belonged to various shipping estations on the Theiss: (C) of a smaller description to the Besa cannal, between Temeswar and Becakerek; 88 of the larger kind to the lower Danube, at Panschowa, Semila is sizes, owned at Mitrovitz, Brod, Gradiska, Jasenowitz, The number of men employed is usually 4 for smaller, and 6 or 10 for larger craft. The bad condition of the beds of the rivers makes the steersman (Gyormsons) a person of great importance, demanding high wages.

A considerable trade is carried on along the course of the Danube, the grand highway of Hungary; which, of late years, has received a considerable impetus from the

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employment of steamers. (See Vol. I. p. 246.) Still, however, the central situation of the country, and its great distance from the ports accessible to foreign ships, lay its commerce under great disadvantages. The exports consist almost wholly of raw produce, inc. corn, wool, wine, tobacco, cattle and sheep, timber, &c. The imports comprise most species of manufactured goods, with colonial products, dye-stuffs, spices, hardware, &c. The principal trade is carried on with the Austrian dominions, inc. Galicia; and is facilitated, not only by the Danube and other rivers, but, also, by the railways which unite the W. parts of the kingdom with Vienna, &c. Flume, the nearest port on the Adriatic to Hungary, is an open roadstead, in which ships cannot lie when either the Bora or Scirocco winds are violent; and, independent of this, its great distance from the productive chance of effecting the projected railway communication between it and the more productive portions of Hungary. Hungary has no commercial town to compare with Cracow or Vienna for bill and banking business; but the transmission of money, &c. is much facilitated by branches of the National Bank of Vienna established at Pest and other places.

the transmission of money, acc. is the transmission of money, acc. is the transmission of money, acc. is the transmission of the places.

Coins, Weighls, and Measures.— The Hungarians use the same standards as the Austrians, in most respects. The florin of 60 kreutzers is equal to 2s. English. The gold ducat of Kremults, consisting of 48 forins, is worth 6s. 6d. English. The ort contains 12 kreutzers, and the polturock 14 kr. The Hungarian yard, used in measuring cloth, is 4-5ths of the Austrian yard, or about 34 Engl. inches. The joch, or Austrian acre, contains 1,600 ag. klaften, and is equal to 1-46 Engl. acre. The mets of Presburg, commonly used for measuring dry substances, is 1-75 imp. bushel. The elmer (for liquids) varies; for the wine elmer is equal to 134 Engl. gallons, while that used in Lower Hungary is equivalent only to 15 gallons. The antal, used in the Tokay district, is equal to 13-3 Engl. gallons.

Constitution and Form of Government.—The following account of the Hungarian constitution is given in the official report drawn up for the use of the emperor's cabinet by Baron de Baldacci, and may be looked upon as a declaration of the rights of the nation on the part of the crown:—"The constitution of Hungary is monarchical, limited by the power of the aristocracy. All that contains the security of the country gainst foreign attacks, immental the security of the country gainst foreign attacks, in monarchical

crown:—"The constitution of Hungary is monarchical, limited by the power of the aristocracy. All that concerns the security of the country against foreign attacks, in other words, the defence of the nation, is monarchical in principle. The armed force is consequently altogether dependent upon the king. The internal government of the nation is a mixed monarchy and aristocracy. Laws can only be enacted by the joint consent of the king and the diet; and, although the executive power be said to lie with the king, yet the sovereign has only the nomination of lords lieutenant (Obergespense) of counties, and administrators; since every other public officer is either elected by the country itself, or named by its lord-lieutenant,—a nomination, however, which is often successfully disputed. Justice is administered on the principle, executions et origo jurisdictionsis, in the name of cessfully disputed. Justice is administered on the principle, res est fons et origo justicitionis, in the name of the king, who has, however, no further influence than the power of appointing the president and councillors of the Curia Regia, that is, of the septemytrial and royal courts; but to these courts the crown dignitaries likewise depute their representatives. The king nominates the presidents and counsellors of the district courts, watches over the course of justice in all courts, and enjoys in civil suits the exercise of certain prerogatives, and the power of issuing mandates founded upon them; such are the power of ordering a suit to be recommenced (mandatum nowi cum gratid), and of issuing moratoria: in criminal cases the king has the power of pardoning.

menced (mandatum novi cum gratid), and of issuing storatoria: in criminal cases the king has the power of pardoning.

"The royal dignity is hereditary in the house of Austria (1526), and is confirmed to all perpetuity (1547) in the female as well as the male lines (1728). Since 1723, the succession to the throne of Hungary is placed upon the same footing with that of the other hereditary states of the empire. The chief prerogalizes of the crown are, — list. The power of making laws, after consulting the estates assembled in the diet, and in common with them. The king assembles the diet, and in common with them. The king assembles the diet, and in common with them. The king assembles the diet, and in common with them. The king assembles the diet, and in common with them. The king assembles the diet, and dissolves it at pleasure. 2d. The highest executive authority in every thing which is in accordance with the laws, or which involves no violation of them. 2d. The right of partonage, or the nomination to all bishopries and other clerical dignities. 4th. The highest judiciary authority, which the crown, however, only mediately exercises through its officers. 5th. The full power of declaring peace and war. 6th. The right of levying troops, of erecting fortresses, and of demanding warlike subsidies. 7th. The right of calling out the general insurrection of the country for its defence, in the prescribed legal manner. 8th. The right of pardoning. 9th. The right of coining money. 10th. The right of granting patents. 11th. The right of nominating to all offices, except those of palatine of Hungary, of the two guardians

of the crown, and of the county offices above mentioned. 12th. Of legitimising bastards. 13th. The iss practications, or the power of transferring the right of succession to a daughter, on the extinction of male heirs in a family. 14th. The iss successions, or the inheritance of all noblemen's estates when there are no male heirs. 15th. The right of abrogating decrees of infancy pronounced by the courts of justice. 16th. Of granting letters of prosecution. 17th. The supreme guardianship of orphans. 18th. The post. 19th. The right of sending special commissions to inquire into the faulty administration of the countles, by which the authority of the loralieutenant is suspended; as the royal commissary presides in the congregations or county meetings, abrogates their previous resolutions in the king's name, causes them to be taken out of the lists of protocols and destroyed, suspends the county officers, and institutes legal proceedings against them. The royal authority watches, further, over the disposition of the domestic fund of each county; the accounts of this fund, which has a revenue of more than 3,000,000 florins, are revised by the general-accountant at Ofen (Buda), who sees that they are sent in complete.

"The private rights of the king comprise the enjoyin complete.

"The private rights of the king comprise the enjoy-ment of,—lst, he regalia, in which the customs revenue (Dredsignismicr), the tithe of mining produce, &c., are included; 2d, the crown lands; 2d, the national lands (Kammergüler); 4th, the lands in the possession of the

(Kammergiller); 4th, the lands in the possession of the Fiscus.

"The prelates, magnates, nobles, and free cities are comprised under the name of estates. The free cities are regarded as nobles in their municipal capacity; their rights are expressed in the 93d table. There is no proper charter or constitutional code. King Stephen was the founder of a regular constitution, which he modelled according to the forms of government existing at that time in many countries of Europe, but his constitution has experienced many modifications in the course of time. The Golden Bull, issued under very unfavourable circumstances by Andrew 11., changed the form of government, which had until then been almost autocratic, into an aristocratic monarchy. The vigorous steps taken by some kings, as for instance by Charles I., Louis the Great, and Matthius Covvinus, to extend the royal prerogatives, were retraced at the close of the 15th

succratic, into an aristocratic monarchy. The vigorous steps taken by some kings, as for instance by Charles I., Louis the Great, and Matthius Corvinus, to extend the royal prerogatives, were retraced at the close of the 15th century, under the reign of Uladislas II.

"The opens triportium, published by Verbocz in the beginning of the 16th century, was not on its first appearance, nor for more than a century afterwards, looked upon as legal authority, nor has it ever formally received the royal sanction. The collection of ancient decrees by Bishop Motsoky (1585) cannot be looked upon as any thing more than the compliation of a private individual; and in many diets, even in that held in 1609, propositions were made for the drawing up of a regular code of laws. Under the kings of the reigning house, a great portion of Hungary and of the annexed districts was conquered from the Turks, by great exertion on the part of the other imperial states; and many important alterations, in the relations of the king and the estates, took place at different times. What are called the cardinal privileges of the nobles and of the clergy, who are looked upon as equal to the noblity, have been preserved to the present day to an extent unparalleled in any country in Europe."

Such were the claims asserted and the privileges allowed by the king of Hungary in 1831. That the political privileges of the nobles have been maintained, should, perhaps, be matter of rejoicing, when the services they have recently conferred on their countrymen are taken into account; and still more when they have been the means of preserving what will no doubt become, in the end, a really free system of government. At present, except the right of election, which is vested in the 267,300 nobles, there is no political privilege which the lowest Hungarian does not enjoy in common with the inhab of the other constitutional states of Europe. The liability to taxation is now a territorial distinction, and not one of birth; and the moderate imposts thus raised are,

nating to textion in the moderate imposts thus raised are, in reality, only a part of the rent, which goes into the treasury instead of the landlord's pocket. In extraordinary contributions, of late years the nobles have assessed themselves for their share of the burden.

Religion.—The pop., considered in relation to its religious belief, is divided into four grand classes. The religion of the state is Rom. Cath., to which faith 6-10ths of the pop. are attached. The Protestants amount to 2,576,000; the adherents of the Greek church to 2,185,000; and the Jews to about 233,000. By the decree of Joseph II., who dissolved 600 monasteries, and endowed with their funds various universities and eschools, religious toleration, if not absolute equality, was granted to the professors of all Christian creeds; and this liberal policy has been maintained by his successors. The Rom. Catholics are spiritually governed by 3 archbishops and 14 bishops, who are all members of the diet: these are well provided for; but the inferior clergy are

poor, and are not remarkable for their liberality of feeling, or exemplary morals. (Paget, 1, 111.) The Architshop of Gran, who has a very large revenue, is primate of all Hungary. The United Greeks have 4 shapes, and the Orthodox-Greek churchmen, 1 archbishop (Abp. of Carlowitz) and 6 bishops, all of whom have had seats in the diet since 1792. The Protestants are not under episcopal jurisdiction, but have 8 superincedents or presidents of synods. They are divided into two classes; the Lutherans, who adhere to the confession of Augsburg, and the Reformed, who follow the doctrines of Calvin. The former are principally found in the N., and smong the Slowacks; the latter are almost entirely Magyars, and chiefly inhabit the towns and villages of the Puszta. There are upwards of 200 Jewish synagogues in Hungary. By the law of 1840, they are admitted to all civil rights and privileges.

Education.—So minute a survey cannot be given of the educational institutions of Hungary as of those in other revisions of the entire to the more local character.

synagogues in Hungary. By the law of 1840, they are admitted to all civil rights and privileges.

Education.—So minute a survey cannot be given of the educational institutions of Hungary as of those in other provinces of the empire, owing to the more local character of the Hungarian municipal and parish jurisdictions. The University of Pest is one of the more local character of the Hungarian municipal and parish jurisdictions. The University of Pest is one of the most richly endowed of Europe, but its services are by no means in proportion to the magnitude of its revenues. The family of Marchany has the credit of founding 100 burnarships for poor students. There are Rom. Catholic lyceums or colleges at Agram, Kaschau, Grosswarden. Presburg, Raab, and Erlau; and Protestant colleges at Fresburg, Oedenburg, Kaesmark, Eperies, Raab, Debrezin, Saros Patak, and Papa: they have faculties of law and arts. The largest of these is at Debreczin, founded in 1792. (See Peget, it. 42). The colleges of Szegedin and Stein am Auger have faculties of arts only. At Schemnitz is a mining college, similar to that at Presburg, supported by government, with 7 professors and 54 scholarships, endowed with 10,800 ft.; but its efficiency is very doubtful, and its degrees are no sure test of merit. (Ib. 1. 332—335.) The Ludovic academy at Waitzen, and 67 Catholic and 13 Protestant gymnasia or grammar-schools, complete, little of higher schools. The academy at Carlowitz, intended to educate the priests of the Greek Schiamatic coafession, belongs strictity to the military frontier. There are, moreover, 3 boarding-schools for sons of nobles, 1 at Agram and 1 at Kaschau; 24 Catholic and Greek united clerical seminaries, with 1,081 students; 14 regimental schools, with 750 pupils; a nunnery for education at Pest; and an excellently conducted school (Trivial-schule), and the larger villages more than one, where instruction is given in the language of the inhabitants; but it is very limited, and has little tendency to improve the social state of

Any estimates of the state of crime in Hungary must be

subscription infant schools have been established.

Any estimates of the state of crime in Hungary must be extremely loose, owing to the want of proper returns. The poverty and ignorance of the lower orders are undoubtedly great inducements to offences against property. Cattle-stealing is a common offence, and the insecurity of gardens and field-crops is much complained of by the industrious peasant. Murder, however, is of rare occurrence, except in cases of popular tumult, the last of which was the memorable epoch of the cholers in 1830 and 1831, when the phrenzy of the populace vented itself in fearful enormities. The new enactments in favour of the peasanty will operate gradually to obviate these consequences of national degradation.

The prisons, formerly wretched, have of late years attracted attention in Hungary, not less than in other countries. The landowners of the country have raised the sum of 30,000 florins by subscription, for the erection of a penitentiary on the American system. A society of ladies has likewise raised the sum of 16,000 fl., to erect a workhouse for mendicants. At Gyarmet, Arad, Szexard, Miskolex, and Jeszbeny, the old system of imprisonment has been changed, at the expense of the nobles, into the better one of prison labour. This laudable spirit is spreading rapidly in all parts of the kingdom. The castle of Munkaes is used as a state prison, and Szegedin is appropriated by the Austrian government to the confinement of criminals from Lombardy.

The court of lowest jurisdiction for the peasant is the manorial to the tother of the contraction to the manorial court of his lord; but in disputes between the

the confinement of criminals from Lombardy.

The court of lowest jurisdiction for the peasant is the manorial court of his lord; but in disputes between the peasant and the manor, a special court is formed from members of neighbouring manorial courts, with the "Vice-stuhirichter," or police magistrate of the district, and from their decision an appeal lies to the "Stuhirichter's" court. This court is the tribunal of first instance for the nobles; but causes involving more than 3.000 fl. come before the court of the "Vice-gespann,"or sheriff of the county, whence an appeal lies, as well as from the "Stuhirichter" to the "sedes judiciaria," or "sedria." the proper county court of seasion, and thence to the royal table, or court of king's bench. The "Septemwiralase!" is so called from its having formerly consisted of 7 judges; it is now composed of 4 prelates, 10 magnates, and 4 nobles, or their representatives, of whom I i

must be present to form a court. This is the highest tribunal of the kingdom, but death-warrants must be signed by the king. In civil trials, the greatest drawback on the due administration of justice is the power given to an unsuccessful plaintiff of renewing his action after the lapse of 22 years from the former trial. This, with the impossibility of selling noblemen's lands in execution for debt, has completely deprived landed property of all credit, and has rendered commercial transactions in Hungary so insecure, that they are usually carried on only upon usurious conditions. To remedy this evil, a bill was brought into the dekt in the session of 1840, to allow creditors on bills of exchange summary redress. This measure, so loudly called for by the wants of the trading interest, has contributed to increase the commerce of Hungary.

This measure, so loadly called for by the wants of the trading interest, has contributed to increase the commerce of Hungary.

Fisamces.— The taxation of Hungary is extremely moderate. The sum of 3,903,704 £ for Hungary and Transylvania is raised for the support of 31,500 solders; besides which, Hungary pays 100,000 £, Croatia 4,000 £, and Transylvania 10,000 £, for the maintenance of the Hungarian noble guard at the emperor's court. Further, Hungary pays 100,000 £, Croatia 4,000 £, and Transylvania 10,000 £, for the maintenance of the Hungarian noble guard at the emperor's court. Further, Hungary pays 100,000 £, croatia 4,000 £, and Expenses of recruiting 79,225 £, and 38,333 £, for king's dues. Another tax, amounting to 2 millions of £, is raised to indemnify the peasants who supply forage at a low rate to the troops quartered in the kingdom. Thus, what may be called the direct taxes of Hungary amount to about 7 millions of £, or 700,000 £, but they are levied according to an old law, which makes them fall very unequally on the different towns and counties. Other imposts are raised from the clergy, and separate tributes are levied on the royal towns and from the towns of Zipa. The Jews pay atax for toleration, which amounts to 160,000 £. The profits of the monopoly of salt have, most probably, been rated far too high by the author of the Newcess Beschecibusg, \$c., whom Mr. Paget quotes. The entire produce of the inines does not exceed 1,240,000 cwt.; so that the revenue from it cannot well exceed 10 millions. If the domains be supposed to yield 1,200,000 £, the mines and mint 1,096,000 £, the post 500,000, although each of these items appears overrated, Austria may draw altogether from Hungary the sum of 20,100,000 Å, the mines and mint 1,096,000 Å, as pear town is only decided upon. The apportionment in the former is determined at the county meetings; and the rural districts and smaller towns seek each to throw on the other, by no very honourable tactics, the greatest share of the burden. Each county and upo

ient, and yet 4 strong horses are scarcely able to pull a carriage through the streets of the town, so much are they neglected. With respect to indirect taxation, the king claims the right of levying customs' dues at will; and has surrounded the country with a barrier of protecting duties. Still the scrise and octrol, or consumption dues, levied on the larger Austrian towns, are either unknown in Hungary, or are raised by the municipalities as town-dues, for local purposes. Salt and playing-cards are royal monopolies. Tobacco is free. Even the tithe of all minerals claimed by the crown in the other states of the empire is, as has been seen, disputed by the owners of iron and coal mines. A pecular feature of Hungarian financial economy is the pride which the nobility feel in not being compelled to pay road and bridge tolis. The principle of this absurd exemption has, however, been abandoned in the new chain-bridge between Fest and Buda, where all classes are to pay toll indiscriminately.

The county meetings, which are the nursery of patriotism in Hungary, are of two kinds, restorations, and congregations. In the former, the county officers are elected; in the latter, accounts are passed, and the county business discussed. The number of nobles or electors is between 200,000 and 300,000; and as their qualifications are limited neither to property nor instruction, the tumultuous scenes which present themselves at

electors is between 200,000 and 300,000; and as their qualifications are limited neither to property nor instruction, the tumultuous scenes which present themselves at elections, and on other occasions, bear a good deal of resemblance to the occurrences in England at such like meetings. The magistrates have an ingenious way of manufacturing votes for their friends. On the candidate's demand to voté, the claim, if opposed on the ground of non-qualification, is referred to the county court as a disputed point, where the magistrates generally have

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influence enough to settle the matter as they wish. In this way the number of the nobles is annually increased. Whoever purchases land of the crown becomes, by so doing, a noble. At the county congregations a large amount of business consists in the making out of instructions for their representatives during the session of the diet: these are, in fact, delegates without any will of their own, being bound to adhere to that of their constituents, to whom they apply for directions on all doubtful and difficult questions. The county meeting may also recall a refractory member, and sond another in his stead. The rights of the nobles are based on the "Aurea Bulla," granted to the armed barons by King Andreas, in 1239—412.) The nobles, being mostly Magyars, it follows that the Magyar nation has been chiefly instrumental in maintaining the constitution during so many centuries. centuries

centuries. The internal management of the cities is wholly dependent on the government, which has power to appoint and remove their officers: they are on this account a constant object of jealousy to the nobles, who consider this dependence as opposed to the principle of constitutional liberty. They reproach the citizens for their financial economy, and for allowing the majority of the inhab. to be excluded from a voice in all public business. The distribution of Hungary into counties is attributed to King Stephen, about the year 1000. The Fo Ispan, or lord-lieutenant, is the only officer named by the crown. The II Ispan, or deputy-lieutenant, of whom there are usually two, is, however, the common president of the county meetings: he holds the supreme direction of the county police, and presides as chief judge in the county courts; being, in fact, a kind of sheriff. The small salary courts; being, in fact, a kind of sheriff. The small salary catached to all county offices seems rather intended to defray extra expenses, than as a remuneration.

The most important national institution, next to the county meetings, is the diet, at which the prelates and The internal management of the cities is wholly de-

defray extra expenses, than as a remuneration. The most important national institution, next to the county meetings, is the diet, at which the prelates and magnates formerly assembled with the deputies from the counties and the towns. Since 1862, the chambers have been divided. The chamber of magnates is composed of the prelates, with the archbishop of Gran, as primate, at their head*; the "barones et comites regni," or peers of the realm, in two classes; the great officers of the crown, with the lords-lieutenant of the 52 counties; and the barons, summoned by royal letters, including every prime count and baron of 25 years of age. Mr. Paget states, that "the upper chamber has at present no power of bringing forward any measure, nor, i believe, of proposing amendments on those sent up from below; the power of vsto or approval is all that is granted to it. But the most extraordinary anomaly is the undecided privileges of some of their own body. It is questioned whether the nobles deriving seats from their titles only, have an equal right to vote with those deriving their seats from their offices and estates. In consequence of this, the palatine, on some occasions, is said to have decided against the absolute majority: 'Vota on numerantur, sed ponderantur,' was declared to be the principle, and it was for him to bold the scales.' The palatine is the president of the chamber of magnates. Magnates who are absent depute representatives, as do also the widows of magnates; but these deputices sit The palatine is the president of the chamber of mag-nates. Magnates who are absent depute representatives, as do also the widows of magnates; but these deputies sit in the second chamber, where they can speak, but have no vote. The business transacted in the lower chamber in the second chamber, where they can speak, but have no vote. The business transacted in the lower chamber is previously discussed in a kind of committee of the whole house, called a "circular session," in which strict forms are not observed, and each member speaks as often as he can get a hearing. The speeches in both chambers are now usually made in Hungarian. Among the magnates some few speak Latin; but this language has almost entirely failen into disuse. The "personal," or president of the lower chamber, who is at the same time chief judge of the "royal table," is appointed by the crown. When the diet assembles, the propositions of the crown are first presented to it for consideration, and these form the great business of each session; but proposals also originate in the lower chamber, which, when agreed to by the magnates, are also sent to the king, who, if he approve them, communicates his assent by a royal "resolution." Many propositions rejected by the crown are voted anew in every diet, under the title of Grassensins; and their number has accumulated to such an extent as to make it expedient to make a selection of

of Grasamins; and their number has accumulated to such an extent as to make it expedient to make a selection of the most pressing, which are denominated preferentialia.

Mr. Paget thus describes them:—

"They demand that Dalmatia, Transylvania, Galicia, and Lodomeria should be reincorporated with Hungary; that the military frontiers should be placed under the command of the palatine, and governed by Hungarian laws; that the duty on salt should be reduced; that the edicts of government to officers of justice should be discontinued; that the laws respecting the taxes on the clergy should be observed; that the Hungarian chancery should be made really, not merely nominally, independance.

ent of the Austrian chancery; that the coinage should bear the arms of Hungary, and that the exportation of gold and silver should be prevented; that the paper moneys should be abolished, and a return made to a me-tallic currency; that the Hungarian language should be used in all official business; that the fiscal estates, such as have fallen to the crown on the extinction of the fa-milies to whom they were granted, should, as the law directs, be given only as the reward of public services, and not sold, as at present, to the highest bidder; and, lastly, that spies should not be employed and trusted by the Austrian government in Austria."

The Hungarians statch great importance to their

the Austrian government in Austria."

The Hungarians statch great importance to their country's being recognised as an independent kingdom. The sovereign is styled "king" in all public acts, and the regalia of the crown are guarded by a special corps appointed for the purpose in the palace at Buda, whence they are only removed, and that with great ceremony, for the sovereign's use on state occasions. The grand officers of the court and household are numerous, and are termed "aulæ ministeriales." These are the grand insticiary civiler caveled the hen of Croatia the arch. for the sovereign's use on state occasions. The grand officers of the court and household are numerous, and are termed "aulæ ministeriales." These are the grand are termed "aulæ ministeriales." These are the grand carter (index curie), the ban of Croatia, the archtreasurer (index curie), the most of Croatia, the archtreasurer (index curie), the grown mag.), the grand carter (dapiferorsum reg. mag.), the master of the household (agazonsum reg. mag.), the grand porter (janiorsum reg. mag.), and the captain of the body-guard (capitanesu sobditaturma pratoriane). The king is represented by his viceroy, the palatine, who resides at Buda, but the grand chancery of the kingdom has its seat at Vienna, where the government business is transacted. The exchequer is managed by the "Hofkammer," which has its seat at Buda, and under which are the collectors of taxes, the mining boards, and the directions of the crown domains. The soldiers voted by the diet amount to 38,000 men, consisting of 15 infantry, 13 hussar regiments, and I regiment of artillery; but there are generally 60,000 men quartered within the kingdom. On great emergencies, every nobleman turns out as a soldler, in what is called "the insurrection." The Hungarian body-guard, to wait upon the king's person, consists of 62 young nobles presented by the counties. A course of instruction in military sciences and languages accompanies their duty at court, and the ostensible destination of the officers is to prepare a number of young men to head "the insurrection," whenever it may be necessary to call it out.

History.—The oldest inhabitants of Hungary, menioned in history, were known to the Greeks and Romans by the name of Pannonians. Of its history during the time of the western and Eastern empires, and the various wars and invasious which are said to have taken place between the third and tenth centuries, there is no certain information. Hungary, however, had assumed

rious wars and invasions which are said to have taken place between the third and tenth centuries, there is no certain information. Hungary, however, had assumed the form of an independent kingdom in the eleventh century, the soverelgn power being vested in the house of Arpad, a chief of the Magyar race. This family having become extinct in 1301, the Hungariana, through the influence of Pope Boniface VIII., elected Charles of Anjou, brother of Louis IX. of France. One of his sons became king of Foland in 1370, and thus his dominions extended from the Batile to the Adriatic. A few reigns subsequently, under Matthias I., Hungary comprised about 295,000 sq. m., the extent of the present Austrian empire. The Turks, soon after their establishment in Europe, began to assail Hungary. They were, for a lengthened period, vigorously resisted, particularly by the famous John Hunnlades. In 1926, however, Louis II., king of Hungary, was totally defeated and slain by the Turks, in the batile of Mohace, and a large part of his dominions fell into their hands. On his death, Ferdinand I. of Austria, his brother-in-law, succeeded to the throne, and was crowned king of Hungary in 1927. place between the third and tenth centuries, there is no his dominions fell into their hands. On his death, Ferdinand I. of Austria, his brother-in-law, succeeded to the throne, and was crowned king of Hungary in 1527, since which time the monarch has always been emperor of Austria: but the Turks continued for many years to hold the greater part of the kingdom. The despotic conduct of the Austrian princes was most distantiful to the Hungarian nobles; and so great was their antipathy to the Austrian yoke, that, in 1683, they rose, with Tekeli at their head, and called upon the Turks to relieve them from servitude. Austria, however, succeeded, by the help of John Sobleski and Prince Eugene, in expelling the Turks from these countries, and they were finally secured to it by the treaties of Carlowitz and Passarowitz, in 1718. Hungary has since been on amicable terms with the Austrian royal family; and it seems to have been the policy of the emperors, for many years, to concede liberal measures, though perhaps not to the extent desired by such men as Sacchenyi, Esthyany, Wesselenyi, and other able politicians and reformers in the Hungarian diet.

P. S. Since these paragraphs were written Hungary has been the theatre of revolution and of civil war. Some very important reforms had been effocted by the Diets of 1836 and 1839; and

The prelates are, 35 archbishops and bishops of the Rom. Cath. shurch, I Greek archbishop, 9 bishops, and 2 abbets.

others were in progress, which, had they been constitutionally followed up, would have been of great public utility. Latterly, however, revolu-tionary opinions and projects had begun to make their way into the Diet. The old opposition, which, though sometimes violent, was of an superseded by one animated by a far less cautious policy. The emancipation of Hungary from the dominion of the princes of the House of Austria, and the rendering of Magyar influence paramount in the Crostian and Slavonian provinces connected with Hungary, were the real and latterly the avowed objects of the new opposition. They might not, however, have been willing, or if willing they might not have been able to precipitate matters to a crisis, but for the revolution in France, in February 1848, and the revolutionary proceedings that followed soon after in Vienna. But it then appeared to the opposition leaders that the time for carry-

to the opposition leaders that the time for carrying their favourite schemes had arrived; and, after some violent preliminary measures in the Diet, they at length proceeded, on the 14th of April, 1849, formally to depose the House of Hapsburg-Lorraine.

But, though in great peril, the Austrian monarchy was not overthrown. In no very lengthened period the revolution in Vienna was suppressed; and government was able to direct a considerable force, inc. that led by the Ban of Croatia, against the insurgent Hungarians. It is doubtful, however, whether the latter might not have succeeded, had it not been for the interference of the Russians, in erecting themselves into an independent state. But Austria having applied for assistance to Russia, it was willingly rendered. And a powerful Russian army having been marched into Hungary, the insurgents were speedily compelled to give up the contest in which they had so rashly engaged.

But though the government has been re-established, it impossible that its old forms should be again renewed. They will necessarily require to be very greatly modified.

is impossible that its old forms should be again renewed. They will necessarily require to be very greatly modified. And it is believed that the Austrian cabinet will see that it is for its advantage to establish a constitution which, while it secures the tranquillity of the country, may, at the same time, provide for its progress in wealth and civilisation.

which, while it secures the tranquility of the country, may, at the same time, provide for its progress in wealth and civilisation.

HUNGREFORD, a market town and par. of England, partly in co. Berks, hund. Kinubury Eagle, and partly in co. Wilts, hund. Kinuburdatione, on the Kennet, 56 m. E. Bath, and 64 m. W. by S. London. Area of par. 6.990 acres; pop. (including the hamlets of Eddington and Sandon-fee), in 1841, 2.724. The town consists chiefly of one long street, in the centre of which is the market house, open below, and having a room above for the transaction of the town business. The church, which stands at the end of a shady avenue on the W. side of the town, is a handsome structure, erected in 1816, and near it is the grammar-school. There are also places of worship for Wesleyan Methodists and Independents. Hungerford has no manufactures; but there are some extensive brewerles, and a considerable traffic arises from the circumstance of the Kennet and Avon Canal passing close to the town. It is a bor. by prescription, and is governed by a constable elected annually by the inhabs., who are called together by a brass horo, known as the "Hungerford Horn," and given by John of Gaunt with the charter. Hungerford Park, at the E. end of the town, is a finely-wooded domain, with a mansion in the Italian style, recently erected on the site of a house built by Queen Elizabeth, or the Earl of Essex. Markets on Wednesday; fairs, last Wednesday in April, Aug. 10, and Monday before Michaelmas.

HUNTINGDON, an inland co. of England, partly included within the great level of the Fens; being surrounded by the cos. of Northampton, Cambridge, and Bedford; the latter bounding it only on the S.W. Area, 28,000 acres, of which about 220,000 are said to be arable, meadow, and pasture. Surface in the W. and S. parts gently varied, but the N. and N. E. portion, included in the Fens, is almost quite flat. This latter boring about equally divided between tillage and pasturage. Chief crops, wheat, oats, and beam. Agriculture, thou

being about equally divided between tillage and pasturage. Chief crops, wheat, oats, and beans. Agriculture,
though much improved, is not very advanced. The land
is ploughed in immense ridges, by which a great deal is
lost: and it is frequently also foul and out of order:
Turnipa little cultivated. A good deal of fine cheese and
butter is made. The sheep, the stock of which is estimated at about 200,000 head, produce long combing
wool. Estates generally extensive: there are many
large farms, but small ones predominate. Average rent

of land in 1843, 26c. 34d. an acre. Pigeon-houses are extremely abundant. There are neither minerals nor manufactures of any importance. Principal rivers, Ouse and Neme. There are in the fena two shallow lake, Whittlesse Mern, and Ramsey Mere; the former containing above 1,550 acres, and the latter about half as

whittlesea Mere, and Rameey Mere; the former containing above 1.550 acres, and the latter about half as much: measures, however, are now in progress for draining the former. Huntingdonshire has 4 hundreds and 103 pars: it sends 4 mems. to the H. of C., 2 for the co. and 2 for the bor. of Huntingdon, the principal town in the co. Registered electors for the co. in 1849-80, 2,892. In 1841, Huntingdon had 11,860 inhab. houses; and 28,549 inhabs., of whom 29,072 were males, and 29,477 females. Sum contributed for the relief of the poor, in 1846-67, 29,008. Annual value of real property in 1818, 329,964; do. in 1843, 401,6844.

HUNTINDODS, a parl. and mun. bor. and market town of England, co. Huntingdon, of which it is the cap., hund. Hurstingstone, on the Ouse, 57 m. N. London, and 17 m. N. W. Cambridge, Area of parl. bor., which includes the old bor. and the adjoining par. of Godman-chester, 6,820 acres: pop. of do., in 1841, 5,500. The town, which stands on a gentle slope N. of the Ouse brick houses running from N. to 3., which commence immediately from the bridge, and lime each side of the N. road from London. A few streets and lanes branch off on each side; but these are mostly composed of inferior houses. It is paved and lighted with gas, and there is an appearance of general improvement and increase. (Rossad. Rep.) Of 15 churches once standing, only 2 remain, though there are 4 parishes. Both are built in the perpendicular style, and one of them has a beautiful pinnacled tower, and a fine W. entrance. There are 4 places of worship for dissenters, an old grammar-school, with 2 exhibitions at Cambridge, attended by 80 boys, a green-coat school for 30 boys and 12 girls, a national school with 160 children, and 3 Sunday schools. The town-ball, behind which are the shambles, is a stuccoed building, comprising 2 court-12 gris, a national school with 100 children, and o sun-day schools. The town-hall, behind which are the shambles, is a stuccoed building, comprising 2 court-rooms, and an assembly room; and close to it is the county god. A small theatre and a race-course furnish occasional amusement in summer. "No manufacture is carried on in Mustingdon not is there are trade of county gaol. A small theatre and a race-course furnish occasional amusement in summer. "No manufacture is carried on in Huntingdon, nor is there any trade of importance, except in wool and grain: its prosperity, therefore, is mainly attributable to the business connected with posting, which it owes to its favourable position on the great N. road." (Muss. Bound. Rep.) Godmanchester, on the opposite side of the river, which seems to have been once an important bor., is now a mere suburb of Huntingdon, chiefly inhabited by farmers and farming labourers, and having a pop. of 2,152 in 1841. Both towns were chartered in the reign of John: the present officers in each are 4 aldermen and 12 coun-

mere suburb of Huntingdon, chiefly inhabited by farmers and farming labourers, and having a pop. of 2,152 in 1841. Both towns were chartered in the reign of John: the present officers in each are 4 aldermen and 12 councillors; but neither of the bors., as now constituted, has a commission of the peace. The county magistrates hold petty and quarter sessions in the town-hall, the chief local act of the town being that of 35 George 111. Huntingdon has sent 3 mems, to the H. of C., since the reign of Edward I., the franchise, till the passing of the Reform Act, being vested in freessen by birth, grant, or purchase. The boundaries of the present parl, bor, include the entire parish of Godmanchester, as well as the old borough. Registered electors in 1849-30, 405. Markets at Huntingdon on Saturday: Godmanchester cattle-fair on Easter Tuesday.

HUNTLEY, a bor. of barowy, market town, and par. of Scotland, co. Aberdeen, on the peninsula formed by the confluence of the Deveron and Bogle, 36 m. N. W. Aberdeen. Pop. of the town and par. in 1801, 2,858; in 1841, 3,642. Pop. of the town only in 1841, 2,731. It is neatly built, consisting of two principal streets crossing each other at right angles, having a bandsome square or market-place in the middle. The Deveron is crossed by an ancient bridge of a single arch. On occasion of the great floods of 1829, when the waters of the river rose 22 ft. above their usual levis, only 6 ft. of the arch remained unoccupied; but it received no injury, and stands apparently as firm as ever. A modern bridge of three arches spans the Bogie. In addition to the par. church, the Episcopalians, Catholics, and Independents have each chapels. In the immediate vicinity of the town are Huntley Lodge and Huntley Castle; the former a sext of the late Duke of Gordon; the latter, which is in ruiss, an ancient seat of the Gordon family; both are now the property of the Duke of Gridon; the latter, which is in ruiss, an ancient seat of the Gordon it has nearly disappeared. There is a thriving bleach-fiel

and neighbourhood. There are here three branch banks.

HUEDWAR, HARI-DWAR, or GANGA-DWARA
("the gate of the Ganges"), a town of Hindostan, presidBengal, prov. Delhi, in lat. 29° 57' N., and long. 78°

PE; 106 m. N.E. Delhi, and famous from its being one of the principal places of Hindoo pilgrimage, and the seat of the greatest fair in India. The town, which is but inconsiderable, is situated on the Ganges, at the point where that sacred stream issues from the mountains. The pilgrimage and the fair are held together, at the vernal equinox; and Europeans, nowise addicted to exaggeration, who have been repeatedly present on these occasions, estimate that from 200,000 to 300,000 strangers are then assembled in the town and its vicinity. But every twelfth year is preknown possible. these occasions, estimate that from 200,000 to 300,000 to strangers are then assembled in the town and its vicinity. But every twelfth year is reckoned peculiarly holy; and then it is supposed that from 1,000,000 to 1,500,000, and even 2,000,000, pligrims and dealers are congregated together from all parts of India and the countries to the N. In 1819, which happened to be a twelfth year, when the auspicious moment for bathing in the Gangee was amounced to the impatient devotes, the rush was so tremendous that no fewer than 430 persons were either trampled to death under foot, or drowned in the river! The foreigners resorting to Hurdwar fair, for commercial purposes only, consist principally of the natives of Nepaul, the Punjab, and Peshwaur, with Afghans, Usbeck Tartars, &c. They import vast numbers of horses, cattle, and camels, Persian dried fruits, shawis, drugs, &c.: the returns are made in cotton, piece goods, indigo, sugar, spices, and other tropical productions. The merchants never mention the price of their goods, but conduct the bargain by touching the different joints of their fingers, to hinder the bystanders gaining any information. During the Mahratta sway, a kind of poll-tax and duties on cattle were levied; but all is now free, without impost or molestation of any sort. Owing also to the precautions adopted by the British government, the most perfect order is preserved, much to the surprise and satisaction of the natives; for, antecedent to our occupation of the country, the fairs usually ended in disorder and bloodshed. (Private Information; Hamilton's E. Instia Gazetieer.)

HURON (LAKE), one of the five great lakes of N.

of the country, the fairs usually ended in disorder and aboodshed. (Private Information; Hamilton's E. India Geneticer.)

HURON (LAKE), one of the five great lakes of N. America, belonging to the basin of the St. Lawrence, second in size only to Lake Superior, and intermediate in position between that lake and Michigan, on the N. W. and W., and lakes Erie and Ontario, on the S. and S.E. It is of a somewhat triangular shape, extending between lat. 43° and 45° 15′ N., and long. 79° 30′ and 85° W., surrounded, W. and S.W., by the Michigan territory, and on all other sides by the territory of Upper Canada; and divided into two unequal parts by a long peninsula and the Manitoulin chain of islands, the parts to the N. and E. of which are called North Channel and Georgian Bay. The total length of Lake Huron, N. to S., is rather more than 200 m., and its greatest breadth about the same. Area estimated by Darby at 19,000 sq. m. Elevation above the surface of the ocean 896 ft., or less by 45 than that of Lake Superior, and by 4 than that of Lake Michigan. (Gordon, N. Vark Gez., p. 11.) Greatest depth towards its W. shore at least 1,000 ft., and its mean depth is estimated at 900 ft., or about 200 ft. below the level of the Atlantic. In various parts it abounds with islands, their total number being said to exceed \$2,000, the largest, the Great Manitoulin (Evil Spirit) island, is nearly 90 m. long, and in one part almost 30 m. wide. Lake Huron receives the supersbundant waters of Lake Superior, by the river St. Mary, at its N. W. angle, and those of Michigan at Michilimachine; and discharges its own towards Lake Erie, by the St. Clair, at its S. extremity. Lakes Michilimachine; and Simcoe communicate with it by the Francis and Severn rivers, except which, however, Lake Huron receives no river worthy of mention. The banks of this lake are or no towns of consequence exist on its shores, and its navigation is rendered dangerous by sudden and violent tempests. (Darby, Vicw of the U. States; New York Gaz., &c.)

tempests. (Darby, View of the U. States; New York Gaz., &c.)
HYDERABAD, a town and fortress of Hindostan, prov. Sinde, of which it is the cap., though not the largest city. It stands upon a rocky precipice upon an island formed by the indus and the Fullalee, one of its tributaries, 48 m. N.E. Tatta; lat. 25° 22° N., long. 68° 41° E. Pop. estimated by Sir A. Burnes at 20,000. The fortress (of which there is a view in Bernes's Bokkara, vol. 1), has an imposing appearance, and is considered very strong by the Sindians; but it could not oppose any effectual resistance to European troops. Its shape is an irregular pentagon; its walls, which are of brick, are about 25° R. high, very thick at the bottom, but tapering to the top, and fanked with round towers from 300 to 400 paces apart. On one side it is enclosed by a ditch about 10° R. wide, and 8 deep. In its centre is a massy tower unconnected with the works, in which a great portion of the treasures of Sinde are deposited. When Colonel Pottinger visited the place, about 70 pieces of cannon were mounted on the ramparts, and there were formerly 2.500 houses on the ramparts, and there were formerly 2,500 houses and several handsome mosques within the citadel; at present, Sir A. Burnes says, the fortress is a mere shell,

and its walls are going rapidly to decay. N. of it is the pettall or unfortified town, in which most of the inhabs. pettau or unfortified town, in which most of the linkabereside in mud huts: there are, however, some well supplied shops. Hyderabad has manufactories of arms of different kinds, employing about 1-3th of its inhabs.; and others of embroidered cloths, leather, &c. (Politimers's Beloochistan; Burnes's Sinde, and Trav. in Bokhara, &c.)

Hyberarad, a city of the Decem, Hindostan, capof the Nisam's dom.; on the Musah, a tributary of the Krishan, 197 m. W.N.W. Messamor; and the Krishan, 197 m. W.N.W. Messamor; lat. 170 19' N., long. 78' 85' E. Pop., including its suburbs, estimated at 200,000. (Hamilton's E. I. Gaz. i. 683.) It is about 4 m. in length by 3 in breadth, and surrounded by a stone wall, capable of resisting the attacks of predator; carairy, but no adequate defence against artillery. Streets narrow, crooked, and badly paved; houses mosely of one story only, and built of wood and other combustible materials. A large arched bridge, wide enough for two carriages abreast, here crosses the Musah. The chief public buildings are the place and numerous mosques, Hyderabad having long been the stronghold of Mohammedanism in the Deccan. Within the city are also some large magazines belonging to the Nisam, filled with European manufactures. Hyderabad side, and plundered in 1687, by the troops of Aurungarbe. The late Nisam transferred the royal residence from Aurungabad thither, as more in the centre of his dom., and since having been the seat of gov, and the court, it has progressively incressed in welth and population.

The territory of which Hyderabad is the cap., known as the Nisam's dom, extends between the 15th and 18t degs. of N. lat. and the 78th and 82d degs. of E. long; enabracing, together with the prova. Hyderabad and Berder, part of Bejapoor, Aurungabad, and Berar; having an area of 108,000 sq. m., with a pop. of at least 8 millions. By all accounts, this territory was very badly governed by its native princes, and insurrections were frequent. But, according to a treaty made in 1800, it was provided that the military power of Great Britain should be employed not only in the suppression of rebellion, but also in the collection of the revenue. The British bound themselves to protect the Nisam against all enemies, and to secure the lawful successive through the British gov.; to refer to us, and to abide by our arbitration, on every occas

HYTHE.

menced in the beginning of the French war, the boldest seamen of all Greece, and acquired large sums by privateering. During the war of independence they earned for themselves the character of being the most efficient and intrepid sailors in the Greek navy, and their bravery contributed in no small degree to the successful issue of that contest. (Mod. Trav.; Dict. Géog., 4c.)

HYTHE, a cinque port, parl. bor., market town, and par. of England. co. Kent, lathe Sheway, hund. same name, 15 m. E. Canterbury, and 59 m. 8 E. London. Pop. of parl. bor., which includes Sandgate, Folkestone, and four other small parishes, in 1841, 8,339. The town stands near the E. extremity of Romney Marsh, and consists chiefly of one long street, parallel to the sea-coast, which is about \(\frac{1}{2}\) m. distant, the beach lying between being considerably higher than the town. The church, as cruciform structure, built in the early English style, and sists chiefly of one long street, parallel to the sea-coast, which is about \(\frac{1}{2}\) m. distant, the beach lying between being considerably higher than the town. The church, a cruciform structure, built in the early English style, and having two towers, is remarkable for its elegant architecture; the living is in the gift of the archbishop of Canterbury: there are also places of worship for Wesleyan Methodists and Independents. Two national schools, supported by subscription, were attended in 1824 by 240 children, and 16 poor aged people are supported by an old charity belonging to the town. The other chief buildings are the court-house, gaod, and theatrs. "Hythe prospered during the war, in consequence of the large military force quartered in the neighbourhood, and of the expenditure in the formation of the military canal, and of the forts and martello towers with which this part of the coast is studded; but its prosperity has declined since it has ceased to be a military open and exposed, the colliers, which are the only vessels trading to the town, are obliged to land their cargoes only during the summer. Fishing employs a few of the inhabs., the rest being tradesmen and labourers." (Mess. Boand. Rep.) The corporation, which received its constitution from the general charters granted to the Cinque Ports, especially that in 20th Charles II., has consisted, since the passing of the Municipal Reform Act, of 4 aldermen, one of whom is mayor, and 12 councillors. Corporation revenues in 1847-48, 3211. This bor. sent 2 mems. to the H. of C. from the 42d of Edward III. down to the massing of the Reform Act, which deprived it of 1 mem. t previously to that act, the franchise was vested in them. t previously to that act, the franchise was vested in them. t previously to that act, the franchise was vested in them. t previously to that act, the franchise was vested in them. t previously to that act, the franchise was vested in them. t previously to that act, the franchise was vested in them. t previously to that

IBARRA, a town of Reuador, Colombia, in a delightful plain, on the Taguando, at the foot of the volcano Imburu, 50 m. N.E. Quito, and on the high road between that city and Popayan. Lat. 0° 21' N., long, 78° 18' 34' W. Pop. unknown, but formerly estimated at 12,000. It was founded in 1897, is well built, and has a large and well built church, several convents, a college, formerly belonging to the Jesuits, an hospital, and many good private residences. Without the city are some suburbs, inhabited by the Indian pop. It manufactures fine cotton belonging to the Jesuits, an nospital, and many good-private residences. Without the city are some suburbs, inhabited by the Indian pop. It manufactures fine cotton and other fabrics. The district of which it is the cap, produces sugar and wheat of the finest quality, and a good deal of cotton, the weaving of which into stockings, caps,

and other mores. In the measurement of the finest quality, and a good deal of cotton, the weaving of which into stockings, caps, &c., employs many of its inhab.

IBRAILA. See Brashlow.

ICELAND, a large island under the dominion of Denmark, in the N. Atlantic Ocean, on the confines of the polar circle, generally considered as belonging to Europe, but which should rather, perhaps, be reckoned in America; between lat. 63° 30′ and 65° 40′ N., and long, 16° and 22° W. It is of a very irregular triangular shape, and is estimated to contain about 30,000 sq. miles. Pop. (1845) 87,000, supposed to be spread over about two thirds of the island, the central portion being totally uninhabited, and imperfectly explored. Iceland appears to owe its existence to submarine volcanic agency, and to have been upheaved at intervals from the bottom of the sea. It is traversed in every direction by vast ranges of mountains: the principal ridges run chiefly E. and W., and, from these, inferior mountains branch of towards the coasts, other terminating in rock, and both headlands. All the coasts, but more especially the N. and W., are deeply indented with flords, similar to those of Norway. The most extensive tract of level country is in the S. E. It is estimated that about a third part of the surface is covered with vegetation of some kind, while the other two thirds are occupied by snown mountains or fields of lava. The general aspect of the country is the most desolute and dreary imaginable. The height of very few of the mountains has been correctly ascertained, and those said to stain an elevation of 7,000 feet are not the most loity. The Yökuls, or enormous ice-mountains, are

among the greatest elevations: the most extensive of these is the Klofa Yökul in the E.; it lies behind the neights which line the S.R. coast, and forms, with little or no interruption, a vast chain of ice and snow mountains covering a surface of perhaps 3,000 sq. m. The W. quarter contains, among other lofty heights, the Snafel Yökul, 4,860 ft. high. In the N. the mountains are not very high; but in the B. the Oreefa Yökul, 6,360 ft. in slevation, is the most lofty of which any accurate measurement has been obtained. The celebrated volcano Hecla is in the S.W. quarter, and about 30 m. inland. It is more remarkable for the frequency and violence of its eruptions than for its elevation, which is only about 5,300 ft. (See HECLA.)

remarkable for the frequency and violence of its eruptions than for its elevation, which is only about 5,300 ft. (See Hiscl.)

The bays and harbours along the coast are numerous and secure, but little known or frequented; the most so are those of Eyafords on the N., Byrarbacka on the S., and Reiklavik on the W. coast. The rivers, which are numerous and comparatively large, have mostly a N. or S. course. Although sufficiently wide, they are generally obstructed by rocks and shallows, and are too rapid to admit of navigation. There are several large lakes, of which flyvath Lake, in the N. E., is the most considerable: it is estimated at about 40 m. in circ., and has upwards of 30 islands composed of lava. In no country have volcanic eruptions been so numerous as in Iceland, or spread over a larger surface. Besides more than 30 volcanic mountains, there exists an immense number of small cones and craters, from which streams of melted substances have been poured forth over the surrounding regions; § volcanoes were active during the last century, 4 in the N., and the rest lying nearly in a direct line along the S. coast. Twenty-three eruptions of Hecla are recorded since the occupation of the island by Europeaus: the first of these occurred in 1004. The most extensive and devastating eruption ever experienced in the island happened in 1783: it proceeded from the Skaptar Yökul, a volcano (or rather volcanic tract having several cones) near the centre of the country. This eruption did not entirely case for about two years. It destroyed no fewer than 20 villages and 9,000 human beings, or more than one-fifth part of the them pop. of the island i On the S. and W. coasts, numerous islands have been from time to time thrown up; some of which still remain, while others have receded beneath the surface of the occan, forming dangerous rocks and shoals. The Vestmanna Islands, which lie about 15 m. from the E. coast, are a group constitus glamost entirely of barren vitrified rocks: only one of them is inhabited.

Tracts of lav

one of them is inhabited.

Tracts of lava traverse the is.and in almost every direction. This substance chiefly occurs in isolated streams, having apparently flowed from the mountains; but in some parts there are continuous tracts, and along the S. coast, for 100 m. inland, the lavas that spread over the country have been ejected from small cones rising immediately from the surface. The ground in this next is Country have been ejected from small cones rising immediately from the surface. the S. coast, for 100 m. Inland, the lavas that spread over the country have been ejected from small cones rising immediately from the surface. The ground in this part is frequently broken by fissures and chasms, some of which are more than 3 m. in length, and upwards of 100 ft. in width. Besides the common lavas, Iceland abounds in other mineral masses indicative of an igneous origin; of these the most prevalent are tufa and submarine lava, obsidian, sulphur, &c. Whole mountains of tufa expist in every part. Sir G. Mackensie observes, that the instance of tufa excepted, he saw no marks of stratification in any rock in the island, all the substances appearing to have been subjected to a degree of heat sufficient to reduce them to fusion; and that some, finct all, the Icelandic masses, which are not the produce of external eruptions, are really submarine lavas. The rocks not bearing external marks of heat, are mostly of trap, and contain all the varieties of seolite, chalcedony, greenstone, porphyry, slate, &c.: the celebrated double refracting calcareous spar is found chiefly on the E. coast. Basalite columns occur in many parts, especially on the W. coast, where they form several grottoe; and that of Stappen bears a great resemblance to the cave of Fingal, in the island of Staffa.

Few metals are met with: iron and copper have been found; but the mines are not wrought. The supply of sulphur is inexhaustible: large mountains are incrusted with this substance, which, when removed, is again formed in crystals by the agency of the hot steam from below. Large quantities were formerly shipped; but latterly the supplies sent to the foreign market have been comparatively small.

By far the most remarkable phenomens of Iceland are the intermitting hot springs met with in several parts, and of all degrees of temperature. The water in some of these springs is at intervals violently thrown into the sir to a great height. They have thence received the name of geysers, from the Icelandic verb geyse, to read the parts and of

ICELAND.

capacious basin. After an emission, the basin and funnel are empty. The jets take place at intervals of about 6 hours; and when the water, in a violent state of ebullition, begins to rise in the pipe or funnel, and to fill the basin, subterraneous noises are heard like the distant roar of cannon, the earth is alightly shaken, and the agitation increases till at length a column of water is suddenly thrown up, with wast force and loud explosions, to the height of 100 or 200 ft. After playing for a time like an artificial fountain, and giving off great clouds of vapour, the funnel is emptied, and a column of steam rushing up with great violence and a thundering noise, terminates the eruption. Such is the explosive force, that large stones thrown into the funnel are instantly ejected, and sometimes shivered into small fragments. (For an explanation of this phenomenon, see Lycil's Geology, il. 309. 3d ed.) Some of the hot springs, near the inhabited parts of the island, are used for economical purposes; food is dressed over them; and in some places huts are built over small fountains, to form steam baths. In other parts of the island vast cauldrons of boiling mud are seen in a constant state of activity, sending up immense columns of dense vapour, which obscure the atmosphere agreat way round.

lumns of dense vapour, which obscure the atmosphere a great way round.

That Iceland had formerly some extensive forests is apparent from authentic records, but they no longer exist: in fact, the climate seems to be now unsuitable for the growth of trees, those that are found at present being stunted and diminutive, and little better than underwood. Vast quantities of sestembrand, or fossil wood, are frequently found buried at a great depth beneath the surface.

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Of the wild animals, foxes are the most numerous. Reindeer, which were introduced from Norway in 1770, in the intention of being dompsticated, have increased very rapidly; but they are entirely wild, and are very difficult to kill. Bears are frequently brought down from the arctic regions on masses of floating ice; they sometimes commit great devastations, but are generally destroyed almost immediately after making the land. Nearly all kinds of seafowl inhabit the coasts and islands; and plovers, curlews, snipes, and a variety of game, are found in the interior. The eider duck is very plentiful; and the down taken from the nest is an important article of export. The birds are so familiar as to build their nests all round the roofs, and even inside the huts. A severe penalty is inflicted on those who kill them. The peasantry entertain a superatitious reverence, mingled with avernion, for the seal. The coasts, rivers, and lakes produce an abundance of fine fish; and it is from the sea that the Icelanders derive great part of their subsistence. Their fisheries are prosecuted with great activity; and at Niardvilk, one of the fishing stations on the E-coast of the island, there are said to be 200 boats. Cod and haddock are plentiful on the coasts: of these, as well as of the other seafish, part is salted for exportation, but by far the greater part is dried for winter provision. The herring fishery is much neglected, as well as the inland fishery on the lakes and rivers.

The climate is more variable than that of the same latitudes on the continent. Great and sudden changes of temperature often occur; and thas frequently hap-

ery on the lakes and rivers.

The climate is more variable than that of the same latitudes on the continent. Great and sudden changes of temperature often occur; and it has frequently happened that after a night of frost, the thermometer during the day has risen to 70° Fah. The intensity of the cold is much increased by the immense quantities of soating ice, which, being drifted from the polar regions, accumulate upon the coast. Fogs are frequent; but the air, on the whole, is reckoned wholesome. Thunder is seldom beard, but storms of wind and rain are frequent; and the asrors borralis and other meteors are much more common and brilliant here than in countries further to the S. The sun is visible at midnight, at the summer solutice, from the bills in the N. parts of the siand. There is a prevalent opinion in Iceland, that the seasons in former ages were less unfavourable; but there is probably no good foundation for this belief. The summers are necessarily short; but Dr. Henderson states that the cold is rarely more intense than in the S. of Scandinavia, and the winter he passed in the island was as mild as any he had experienced in Dommark or Sweden.

Sweden.

No grain is now cultivated, though traces exist of its having been formerly raised. Agriculture is limited to the rearing of various grasses for cattle, and haymaking is consequently the most important branch of rural industry. Potatoes have been introduced with some success; and several kinds of culinary regetables are raised, but, with the exception of red cabbage, few attain perfection. The grasses are of the sorts common in other N. climates, and keep horses and other cattle in good condition during the summer. Many of the low mountains are covered with a coarse grass, which yields pretty good summer pasturage; and the meadows and valleys through which the rivers flow produce grass in tolers ble abundance, which, when the weather allows of its being harvested, is made into hay. Seaweed and moss are eagerly devoured by the cattle in winter, when

cher food fails, which is often the case. In 1834 it was estimated that there were about 500,000 head of sheep; from 36,000 to 40,000 head of black cattle; and from 50,000 to 69,000 horses in lecland; goats are kept only in 50,000 to 69,000 horses in lecland; goats are kept only in the N. The number of sheep appears to be increasing; they have remarkably fine fleeces, which are not shorn, but cast off entirely in the apring. The horses are hardy and small, seldom standing more than 14 hands high. There being no carriages of any description, they are principally used for carrying burdens; and the poorest peasant has generally 4 or 5 of these animals. Rents are paid mostly in produce; on the coasts in fish, in the interior in butter, sheep, &c. Tenants who are in easy circumstances generally employ one or more labourers, who, besides board and lodging, have from 10 to 12 specied dollars a year as wages. The whole pop, is employed either in fishing or leeding cattle, or both; those who breed cattle being, as compared with those who live by fishing, nearly as 3 to 1.

No manufactures, of any kind, are carried on for the purpose of trade. Every branch of industry is domestic, and confined chiefy to articles of clothing, such as coarse cloth, gloves, mittens, stockings, &c. The peasantry supply themselves with such furniture as their cottages require, and some manufacture aliver trinkets and snuff boxes, and forge implements of iron. Every man can shoe his own horse; and, in this land of primitive simplicity, even the bishop and chief justice are sometimes employed in this necessary occupation! The greater part of the trade is carried on by means of barter; the quantity of money in circulation is very small, few of the peasants of the market, and pay for them in such foreign commo.

money in circulation is very smail, tew of the peasants possessing any. The merchants receive the articles for exportation at regulated prices, according to the state of the market, and pay for them in such foreign commodities as the inhab, may require. The peasantry of the neighbourhood assemble annually at Reikiavik and the other principal settlements, and bring down with them wool, woollen manufactured goods, butter, skins, tallow, Iceland most (Licher Islandicus), and sometimes a few cattle. In return for these they take back coffee, sugar, tohacco. smif. a little brandt. Two. Try brand, wheaten cattle. In return for these they take back coffee, sugar, tobacco, sunff, a little brandy, rye, rye bread, wheaten flour, salt, soap, &c. The better class purchase linens and cotton goods, which have lattrely come more into use. Those who live near the coasts bring to market dried cod and stock fish, dried saimon, whale, shark, and seal oils, seal skins, &c. The domestic produce has, of late years, been considerable, and the export of wool amounts to from 3,000 to 4,000 skippunds annually. The Icelanders are of Norwegian origin; they are tall, have a frank open countenance, a florid complexion, and flaxen hair. They seldom sitain to an advanced age, but the females generally live longer than the men. They are hospitable; devotedly attached to their native land; remarkably grave and serious; and, indeed, ap-

but the females generally live longer than the men. They are hospitable; devotedly attached to their native land; remarkably grave and serious; and, indeed, apparently phiegmatic, but extremely animated on subjects which interest them. They have retained, with few innovations, the ancient modes of life and the costume of their race. Their principal articles of food are fish, fresh and dried, bread, made of imported corn, great quantities of rancid butter, game, and, in some parts, a porridge made of the Icelandic moss. They sometimes use the fish of the shark or sea-fish, when it has become tender from putrescence. Their huts, though larger, are not unlike those of the irish: their dampness, with the darkness, filth, and stench of the fish, render them uninhabitable by strangers. The Icelandic, or original Scandinavian tongue, has been here preserved in all its ancient purity. The Icelanders are extremely attentive to their religious and domestic duties, and display in their dealings a scrupulous integrity. Perhaps there is no country in which the lower orders are so well informed. Domestic education is universal; and there are very few among them who cannot read and write, and many among the better class would be distinguished by their taste and learning in the most cultivated society of Europe. Even many of the peasantry are well versed in the classics; and the traveller is not unfrequently attended by guides who converse with him in Latin! In winter nights it is customary for a whole family to take their places in the principal apartment, where they proceed to their respective tasks, while one selected for the surveyse resets along some verse with nim it Latini in winter migras it is customary for a whole family to take their places in the principal apartment, where they proceed to their respective tasks, while one, selected for the purpose, reads aloud some of their sagas (ancient tales), or such other historical narrative as can be found. Their stock of books is not large, but they lend to each other, and frequently copy

what they borrow.

The Island was formerly divided into four amts, or
the four cardinal points. The The island was formerly divided into four assats, or provinces, answering to the four cardinal points. The N. and E. are now merged into one, and the W. is presided over by the governor in person. This officer has the title of siftenimens; he is sometimes a native, but more frequently a Dane. Under him are the assats, or provincial governors, who possess a similar jurisdiction over their quarters. Each province is divided into systels or shires, presided over by systelman, with authority similar to that of sheriffs; these collect taxes, hold petty courts, regulate assessments, &c. Under the

sysselmen are seepsitores, who are overseers of the poor, constables, &c. The tataroed, or chief justice, holds, with two assistants, a criminal court at Reikiavik, but very few cases are tried in the island, and all capital punishments are inflicted at Copenhagen. Crimes are rare, petty theft and drunkenness are the most common; the latter has been introduced chiefy by the crews of the Danish vessels that visit the coasts.

The island constitutes one bishopric; the bishop's salary does not exceed 500t, per annum. There are about 194 pars.; but the clergy amount to upwards of 300: their incomes are very small, and they are frequently among the poorest of the community. The only charitable institutions are, four hospitals, for the reception of those afficted with leprosy, which, in the form of elephantiasis, was formerly very prevalent. Small-pox was formerly also very destructive. There are no workhouses, the sick and poor being almost universally supported by their own families. The principal school at Beasestadt, near the W. coast, has three masters, who teach classics, theology, and the Danish language; and several young men, after attending this school, go to Copenhagen to finish their studies. Reikiavik, the cap, on the S. W. coast, has little more than 500 resident inhab, chiefy Danes. Most of the villages are situated on the coasts, at convenient spots for the receipt and transport of merchandise.

The early and successful application of the Icelanders

inhab., chiefly Danes. Most of the villages are situated on the coasts, at convenient spots for the receipt and transport of merchandise.

The early and successful application of the Icelanders to the cultivation of literature is an anomaly in the history of learning. When most parts of continental Europe were in a state of rude ignorance, the inhab. of this remote island were well acquainted with poetry and history. The most flourishing period of Icelandic literature appears to have been from the 12th to the end of the 14th century. During the last three centuries, however, Iceland has produced many learned men, some of whom have risen to great eminence. The literature of the island in the present day may perhaps be said rather to have changed its character than declined from its ancient fame; the inhab, now attend more to solid branches of the ancient Icelandic agas. Domestic education is carefully attended to; there is no want of modern books in Icelandic; and a printing press is actively employed in the Island of Vidoe.

The discovery of Iceland by Europeans is attributed to

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The discovery of Iceland by Europeans is attributed to
a Norwegian pirate, about the year 80; but the earliest
permanent settlement was effected 80; but the earliest
permanent settlement was effected by the Norwegians in
874 In little more than half a century, all the coasts
were occupied by settlers; and about the year 928 the
inhab. formed themselves into a republic, and established
the Atthiag, or General Assembly of the Nation, which
was held annually at Thingvalla, in the S.W., and not
abolished till 1800. The Icelanders maintained their
independence for nearly 400 years; but during the 13th
century became subject to Norway, and on the annexation of that kingdom to Denmark, Iceland was transferred along with it. (See Sir G. Mackensit's Travets;
Hender's Trave. in Iceland; Berrou's Visit to Iceland,
1834-5; Gasins and S. Vegage on Island et Groceland, 1838;
Hender son's Journal, &c.)

IDRIA, a town of the Austrian empire, k. Illyria,
Atuchy Carniola, circle Adelsberg, in a valley of the Carnic
Alpa, 23 m. W. by S. Laybach. Pop. (1838), 4,185. The inhabs. are principally engaged in mining; the quicksilver
mines of Idria belonging to the Austrian government
being, after those of Almaden in Spain, the richest and
most calebrated in Europe. They yield annually from
3,200 to 2,500 cwt. of metal, about a sixth part of which
is converted on the spot into vermillion, corrosive
sublimate, and other preparations of mercury. The
mine is rather more than 1,000 ft. in depth. The form
atton in which it is situated is transition limestone, alternating with clay-slate, in which latter rock the quicksilver is found. It exists partly pure, in globules among
the slate; but it is mostly found in combination with
sulphur, forming veins of cinnabar, &c., which vary
greatly in thickness. The cinnabar ore is considered too
poor to be

ILCHESTER.

| cessity, at fixed charges, generally below the ordinary market prices. The miners usually enter the service at 18 years of age. After 40 years' service, or earlier, if ill health overtake them, they are allowed to retire on full pay, and enjoy various privileges. The widows and orphane of miners are entitled to a pension, and about 25,000 forins are thus expended annually. The process of mining is said to be very unhealthy; the heat of the miner, varying from 80° up to 86° Fah., impregnates the atmosphere with volatilised mercury, which soon exerts all lits characteristic effects on the constitutions of the miners. In some parts, the heat is so great, and the atmosphere so vitiated, that the workmen are obliged to relieve each other every two hours. The mine is very clean, and in its lower parts remarkably dry. In 1808, a violent condagration broke out in the mine, destroying the whole of the works, with several of the workmen.

Of the mercury produced at ldria, a small part goes to Tricate, whence it is exported chiefly to America; but by far the largest portion is sent to Vienna, partly for the plating of mirrors, but principally for the use of the gold and all ver mines of Hungary and Transylvania.

In the largest portion is sent to Vienna, partly for the plating of mirrors, but principally for the use of the gold and all ver mines of Hungary and Transylvania.

In the largest proper petitioning to be admitted is considerably greater than can be received into the service. The town and district of Idria is a mining intendency, with its own government; consisting of a director-general, and four councillors, who superintend all the departments of the public service, under the Council of Mines in Vienna. Idria has some German, primary, and other schools, and a small theatre. It had a school for instruction in mining, but it was abolished on the restoration of the Illyrtan provs. to Austria. The aspect of the place is thus described by Turnbull:—"We perceived the white them be with the little schoole struction in mining, but it was abolished on the restora-tion of the Illyrian provs. to Austria. The aspect of the place is thus described by Turnbull:—"We perceived the white church with its little steeple, perched on a small green knoll, and not far from it another insulated height, crowned with an antique-looking castle, erected by the Venetians during the time that they possessed lilyria, and which now serves as a residence for the bergrath, or director of the mines, and for the government offices connected therewith. Between these two heights, offices connected therewith. Between these two heights, the town straggles along on very unequal ground; with a stream rushing through it, a second church in a sort of open market-place, some large buildings connected with the public administration, but scarcely any good shops or private houses." Mendicancy, or abject poverty, is, however, unknown. The mine was discovered by accident in 1497; it was afterwards wrought by a company of Venetian merchants, and purchased by the house of Austria, who accorded the miners considerable privileges in 1575, since which the prosperity of Idria has been generally on the increase. (See the elaborate accounts of Prancke, in the Revne du Nord, vol. v. pt. ii.; Turnbull's Tran. I. 260—226.; Berghaus, Gesterv. Nat. Engyc., &c.)

has been generally on the increase. (See the eighborhood accounts of Promete, in the Revne du Nord, vol. v. pt. ii.; Thermbull's Trav. i. 286—295.; Berghaus, Gesterr. Nat. Encyc., &c.)

[1] IdUALADA (an. Acque letter), a town of Spain, prov. Catalonia, 37 m. N.W. Barcelona, and 286 m. E.N.E. Madrid; lat. 410 40° N., long. 10° 21° E. Pop. 7,731. It stands on the Noya, a trib. of the Joul, in a rich plain, abounding with corn-fields and olive-grounds. It has some well-build streets, and a handsome subort, the chief buildings being a par. church, two convents, a cleir rical college, hospital, and cavalry barracks. The inhab: are among the wealthleat and most industrious in Spain and their manufactures, by which they are almost wholly supported, comprise cotton and woollen yarns and cloths, hats, and fire-arms, the last of which are highly esteemed. In the neighbourhood are several considerable paper-mills. Fairs, well attended, for manufactured produce, are held here in the beginning of Jan. and at the end of August. (Milano.)

[1.CHESTER, a bor., market town, and par. of England, co. Somerset, hund. Tintinhull, on the Yeo or Ivil (whence its name is derived), 18 m. E. Taunton, and 116 m. W.S.W. London. Area of bor. and par., 690 acres; pop., in 1831 (including 120 prisoners in the gaol), 1,095. The towa comprises 4 indifferently-built streets, and has but few public buildings. The church is remarkable for its octangular tower. A national school, and almshouses for 16 women, are the only public charities. The co. court-house is handsome, and conveniently arranged. The gaol, built on Howard's plan, is large, and well regulated, and capable of accommodating upwards of 200 prisoners, and was often quite full, when employed, as formerly, for a state prison and house of correction: it is now chiefly used for untried prisoners and debotes, the number of immates averaging 50. (Pris. Inspect. Rep.) The town, which has no manufactures, and citch terade, derives its chief importance from the fact that a large portion of the

the increase. Richester is a bor. by prescription, and sent 2 mems. to the H. of C. from the 26th of Edw. I. down to the passing of the Reform Act, when it was disfranchised: it was a mere nomination bor., in the patronage of the Duke of Cleveland. Markets on Wednesdays. Distinct process of a Recommendation and the discovery. Duke of Cleveland. Markets on Wednesdays. Distinct traces of a Roman station, and the discovery of numerous Roman coins and antiquities, have led to the belief that this town occupies the site of the Ischalis of Polemy, the principal military station of the Romans in the West of England. It had 108 burgesses at the time of the Norman conquest. Still later, it was a place of considerable consequence, and was made, by patent of Edw. 111., the sessies turn of Compared. size town of Somerset.

norman conquest. Shill alter, it was a place of considerable consequence, and was made, by patent of Edw. III., the assize town of Somerset.

ILDEFONSO (ST.), or LA GRANJA, a celebrated palace of the sovereigns of Spain, Old Castile, prov. Segovia, 42 m. N.N.W. Madrid, and 5 m. S. E. Segovia, on the N. decilvity of the Sierra Guadarrama, built by Philip V. as a place of retirement during the bottest months of summer. "It is placed in a spot where the mountains fall back, leaving a recess sheltered from the hot air of the S. and from much of its sun, but exposed to whatever breeze may be wafted from the N.; the immediate accilvity towards the S. being occupied by the garden, which, though somewhat formal, is full of shade and coolness." (Inglis, i. 283.) The palace, which is of brick, plastered and painted, occupies three sides of a square, in the centre of which is the royal chapel. The principal froat, looking towards the garden, is 580 fr. long, having 2 stories, with 12 rooms in a suite; the great entry, with its iron palisade, very much resembling that of Versailles. The interior is, in every thing regal: the ceilings of the apartments are painted in frezoo, the walls decorated with noble mirrors, and the floors chequered with black and white marble, while the furniture, though somewhat antiquated, is highly enriched with Jasper, verd-antique, and rare marbles. The upper rooms are adorned with the works of the first masters, chiefly of the Italian school, the lower apartments being used as a repository for sculpture. Many, however, of the best specimens once belonging to this palace, both in palnting and sculpture, have been removed to the royal gallery of Madrid, which now possesses one of the richest collections in Europe. The gardens are laid out in the French style, with formal hedges and walks; and the frees, not withstanding the labour with which the formation of these grounds was attended, are poor and starved; the chief feature, indeed, in these gardens is French style, with formal hedges and walks; and the trees, notwithstanding the labour with which the formation of these grounds was attended, are poor and starved; the chief feature, indeed, in these gardens is the quantity of fine water, disposed in a variety of ways, and especially in the formation of fountains and works. "These," says Swinburne, "surpass all that I ever saw, not excepting the finest at Versailles. The jets deas send forth a clear crystal stream, which falls around like the finest dew: the most remarkable are eight fountains, dedicated to the chief heathen delities, one of which, Fame, seated on a Pegasus, throws up from a trumpet a stream to the height of 133 ft. There are various other water-works, all adorned with statues of which, Fame, seated on a Pegasus, throws up from a trumpet a stream to the height of 133 ft. There are various other water-works, all adorned with statues of lead, varnished in imitation of brass; and the whole supply of water is procured from reservoirs on the hills above." (Swinbstrae, il. 230.) The expense of constructing the garden alone, a large part of which was made by blasting out of the solid rock, must have been very great; and the entire expenditure on the palace gardens and water-works is stated by Townsend to have exceeded 6,000,000. In the town, which lies at a little distance below the palace, is a manufactory of mirrors, supported by the government, which at the time when Townsend visited it, "proved a devouring monster, in a country where provisions were dear, fuel scarce, and carriage exceedingly expensive." Inglis says that the largest mirrors made there were 13§ ft. long, 8 ft. broad, and 6 in, deep. (Townsend, vol. ii.; Dillon, p. 85; Inglis, 1.281—285; Minafolo, co. Devon, hund. Braunton, on the Bristol

largest mirrors made there were 134 ft. 10ng, n st. urosus, and 6 in. deep. (Toursend, vol. ii.; Dillon, p. 85.; Inglis, l. 291—285.; Minaflo.)

181—285.; Minaflo.)

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182—285.; Minaflo.)

182—285.; Minaflo.)

183—285.; Minaflo.)

183—285.; Minaflo.)

184—285.; Minaflo.)

185—285.; M

many vessels are employed in the herring fishery. This port, in 1838, had 63 ships, of the burden of 3,897 tons. Oats, barley, and fish are the chief articles of export. The town, however, depends in a great measure for its support on the numerous wealthy families that resort thither in summer since it has attained celebrity as a watering-place. The bathing is excellent, and the neighbourhood abounds with romantic scenery. Steam-packets run daily to and from Bristol, and at less frequent intervals, to and from Swanses, Tenby, and Millford. The town is governed by a portreeve appointed by the lord of the manor. Markets, well supplied with fish, on Saturday: fairs April 14., and the first Saturday after Aug. 22.

ILLE-ET-VILAINE, a marit. dep. of France, in the N.W. part of the kingdom, formerly included in the prov. of Brittany; between lat. 470 38 and 480 42 30° N., and long. 10 and 20 18 W., having W. Octes-du-Nord and Morbihan, S. Loire Inférieure, E. Mayenne, and N. La Manche and the English Channel. Length, N. to S., about 70 m. Area, 668,697 hectares. Pop. (1836), 547,250. The Mener mountains run through this dep. from E. to W.; but they rise to no great height, and the surface elsewhere is not hilly. The chief river is the Vilaine, which has mostly a S.W. course, and falls into the Atlantic in the dep. Morbhan: the lile is one of its affluents. The Rance, which has its mouth in this dep., if connected with the Ille by a canal, extending from Dinan to Rennes, 52 m. in length, and wide and deep enough for vessels of 70 tons. Climate temperate, but very damp; fogs are frequent, and from 36 to 38 in. rain fall annually. Soil thin, and not generally fertile. In 1834, 397,495 hectares of land were arable, and 73,496 in pasture; forests, heaths, and waste lands occupying 146,078. Agriculture is in a backward state. Throughout the greater part of the dep. the land is parcelled out into small farms, one of 30 bectares being considered large. In 1835, of 143,550 properties subject to the contribution fosciller, 60, bectolitres, which is scarcely sufficient for home con-sumption; and the peasantry add to their corn chesnut flour, potatoes not being in general use: 18,200 hectares are in gardens and orchards; fruit is plentiful, and some very good cider is made; but the agricultural products of the greatest importance are flax and hemp, and the linen thread of the dep. is very highly valued. Both cattle and horses are of good breeds; many oxen from this dep-are fattened in Normandy for the Parls market. Dairy husbandry occupies a good deal of attention, and the and horses are of good breeds; many oxen from this depare fattened in Normandy for the Paris market. Dairy husbandry occupies a good deal of attention, and the Exerce de Prevalaye, male in the neighbourhood of Rennes, is highly esteemed throughout France. The sheep are of an inferior kind. The sole, cod, mackerel, and other fisheries on the coast are extensive; and Cancale Bay is celebrated for its oysters, with which Paris is in great part supplied. From 50 to 60 boats go annually from this dep. to the cod fishery of Newfoundland. Some copper, iron, argentiferous lead, and coal mines, and quarries of marble, granite, slate, limestone, &c. are wrought, but apparently not to any great extent. The manufactures consist chiefly of hemp and linen thread, packing and sail-cloth, cordage, fiannels at Fougères, leather, &c. in the arrond of Fougères there is a large government glass factory, partially wrought by steam, some of the products of which are equal to any made in Lyons. This dep. is divided into six arronds; chief towns. Rennes, the cap.. St. Malo, Fougères, Redon, Montfort, and Vitré. It sends 7 mems, to the ch. of dep. Number of electors (1838-9), 2,128. Total public revenue (1831), 11,116,307 fr. This dep. has produced many celebrated men, including M. de la Bourdonnaye, Maupertius, Savary, Vauban, Chateaubriand, and Brousasis. (Hugo, art. Ilite-et-Vilaine, &c.)
ILLINOIS, one of the U. States of America, the fourth in the Union in point of extent; between lat. 37° and 42° W. and long, 57° 30° and 91° 30° W. having N. the

lais. (Hugo, art. Inte-et-vitame, gc.)
ILLINOIS, one of the U. States of America, the fourth in the Union in point of extent; between lat. 37° and 42° 30° N., and long. 37° 30° and 91° 20° W., having N. the Wisconsin territory, E. Lake Michigan and Indiana, S. Kentucky, from which it is separated by the Ohio river, and W. Missouri and the Sioux territory, the Mississippi forming the whole of its boundary on that side. Length, N. to S., 380 m.; average breadth about 156 m. Area estimated at 59,000 sq. m., 50,000 of which are supposed to be susceptible of cultivation. Pop. [1845], 643,482, since which it has rapidly increased. In the N., its surface is uneven and broken, and in parts of the S. also it is hilly; but, on the whole, next to Louisiana and Delaware, Illinois is the most level state in the Union. It consists mostly of vast undulating prairies, or rich plains, called by the settlers, "barrens." producing stunted oak, hickory, pine, and other trees. Many tracts in the S. are densely wooded, especially those lying along the rivers; and the prairies are some times interspersed with copses, though much more frequently studded with isolated trees at short distances.

The state is well watered; next to the Mississippi and Ohio, the chief rivers are the Illinois, its tributary, the Sangamon, the Kaskaskin, Great Wabash, and Rock River. The Illinois rises in the N.E. part of the state, and intersecting it in a S. W. direction, falls into the Mississippi, 25 m. above its junction with the Missourier accourse of 450 m., most part of which is navigable for steam-boats. The Sangamon has a course of about 180 m., with a boat navigation of 190 or 190 m. The Kaskaskia rises in the centre of the state; runs with a S.W. course for nearly 200 m., and falls into the Mississippi 150 m. below Vandalia, to which city it is navigable. The Great Wabash belongs more properly to Indiana, but it forms the lower 3-5ths of the R. boundary of Illinois, and falls at its S. E. angle into the Ohio. The Rock River runs through the N.W. portion of the state. It has a S.W. course, like the Illinois, Kaskaskia, and other tributaries of the Mississippi, which river it enters about lat. 410 207, after a course of nearly 400 m., for about 200 of which it is navigable. The total length of the navigable rivers is estimated at 4,000 m. Small lakes are numerous, and in the N. is Winsobago Swamp, a considerable extent of marsh-land.

In the W., and probably throughout most of the central and N. narts. the scalofical strate successed each read the state of the successed each read and the state in an each of the successed each read and the state is accounted each read and the state in the state is accounted each read and the state is a state of the state is a state of the state i

are numerous, and in the N. is Winnebago Swamp, a considerable extent of marsh-land.

In the W., and probably throughout most of the central and N. parts, the geological strata succeed each other in the following order: — a vegetable mould from 8 to 30 in. In depth, clay, limestone, shale, bituminous coal, generally from 4 to 5 ft. thick, soapstone, and sandstone. Limestone appears to be a universal formation; and coal and sandstone are found almost every where. In the N.W. a mineral district, very rich in lead, &c., extends for 100 m. N. and S., by a breadth of half that distance, communicating with a tract of a similar character across the Mississiph. The smelting of lead ore on the banks of the Rock River began only in 1822, from which period to Dec., 1838, 70,420,237 lbs. of lead had been obtained in the state of Illinois and the adjacent Wisconsin territory. The produce of that metal is at present estimated at from 18,00,000 to 30,000,000 lb. a year. After lead, —tron, copper, coal, salt, and lime are the chief mineral products. Copper and iron are found in various parts; and, in 1837, 200,000 lbs. of the first were raised from the mines on the Pekatonica, a tributary of Rock River. The salt springs near Shawneetown yield 60 lbs. of table salt from 18 (50 galls. of water. Other salt springs, and sulphureous and chalybeate mineral waters, are found in manyiplaces. The climate is healthy, except in the marshy tracts along the rivers or elsewhere. The winter is, in most parts, short and mild; and the summer heat not oppressive. Probably no portion of the territory has a mean annual temperature of more than 54° Fahr.; and the mean of the state at large is not above 51°.

This state is supposed to possess a larger proportion. is not above 51°.

tion of the territory has a mean annual temperature or more than \$40^\circ Fahr.; and the mean of the state at large is not above \$10^\circ. This state is supposed to possess a larger proportion of first-rate cultivable land than any other in the Union. All the grains, fruits, and roots of temperate regions grow luxurismity; and in none of the W. states is corn raised with greater facility and in more abundance. Wheat yields a good and sure crop, especially on the banks of the Illimois and in the N. It weighs upwards of 60 lbs. a bushel, and is preferred in the markets of New Orleans to the wheat of Ohio and Kentucky. Indian corn is a greet staple, and hundreds of farmers grow nothing else. Its average yield is 50 bushels an acre, and sometimes the produce amounts to 75 or even 100 bushels. Oata, barley, buckwheat, common and sweet potatoes, turnips, rye for horsefeed and distilleries, tobacco, cotton, hemp, flax, the castor bean, and all other crops common in the middle states are raised. Hemp is indigenous in the 8., and succeeds well every where. Tobacco is good; and cotton is grown both for exportation and home use. Fruits of various kinds are very abundant, and the climate of the 8. is favourable to the growth of the vine. Great numbers of cattle are reared in the prairies, and hogs in the woods. Sheep generally thrive well; but little has been done to improve the breed by croasing. Poultry are abundant, as are also bees, and the silkworm succeeds well. Deer roam the prairies in large herds, in the Millitary Bounty tract, in the N.W. large tracts of land of the best quality may be had at the government price of 1½ dollar an acre. This tract was, at a former period, mosely appropriated, by the general gov., in grants to the soldlers who served in the war against Great Britain; but a great part of it has again come into the possession of the gov., having been resumed for arrears of taxes, or disposed of by those to whom it had been granted. All lands in this state purchased of the general gov. are exempted from tax

tracted thither so many emigrants of late that the poport of this state was supposed in 1847 to have reached 700,000, and in the present year (1840) it has been estimated at nearly a million. (American dimensack.)

Many large and Sourishing actilements have been formed in its W. part since the introduction of steam navigation on the Mississippi; these, however, are almost Vol. 11.

exclusively agricultural. Manufactures are yet few, and principally domestic; though there are some of cotton fabrics and yarn, woollen cloth, &c. In 1838, the state possessed 916 mills of different kinds, many impelled by steam, and 142 distilleries. In every town and county artisans in all the trades of prime necessity are to be met with; and boat-building is carried on to some extent on the Mississippi. Grain, cattle, butter, cheese, and other agricultural products form the chief articles of export; and suzar, tase, coffiee, wines, woollen cloths, and other agricultural products form the chief articles of export; and sugar, tea, coffee, wines, woollen cloths, and other manufactured goods are the chief imports. The external trade is carried on principally through New Orleans, to which emportum the articles of export are forwarded by the Mississippi, the imports being also received by the same channel. Illinois presents great facilities for a most extensive system of inland navigation; and various plans for improving the means of communication are now in progress of execution. The government has not been backward in endeavouring to further this object; and has granted 300,000 ares of land for the construction of a canal to unite Lake Michigan with the head of the steam navigation on the Illinois. This canal, which was begun in 1830, is to reach from Chicago to the town of Peru, a distance of 96 m. Several sums of money have been also appropriated by the government for the improvement of the river navigation. Three railroads have been commenced by private companies,

town of Peru, a distance of 80 m. Several sums of money have been also appropriated by the government for the improvement of the river navigation. Three railroads have been commenced by private companies, many more being projected at the charge of the state. The describes administration of railroads, and 100 m. of canals, were in process of formation.

Illinois is divided into 70 cos., in 80 of which courts are held. Vandalia, on the Raskaskia, was the cap. till, in 1837, the seat of government was removed to Springfield, near the centre of the state. Jacksonville, Chicago, Kaskaskia, and Albhon are the other chief towns. The legislative part of the government is vested in a senate, composed, in 1836, of 40 mems. chosen for 4 years; and a house of representatives, having in the same year 93 mems. All white male inhabs, above the age of 21, having resided in the state for 6 months, are privileged to become electors. Elections for representatives and the sessions of the legislature are held blennially. The executive duties are discharged by a governor and alleutenant-governor, chosen by universal suffrage every 4 years. The high judicial functions are exercised by a supreme court composed of a chief justice and three inferior judges. The governor and judges of the supreme court constitute a council of revision, to which all bills that have passed the assembly must be submitted. If objected to by the council of revision, the same may, notwithstanding, become law by the vote of the majority of all the members elected to both houses. Slavery does not exist, having been prohibited by the constitution of 1816. This state had, in 1837, 4 banks of ks own, and 6 branch banks, with a united capital of 3,000,000 doil. A college, founded at Jacksonville, occupies two extensive buildings, and is usually stateded by about 65 students; and many other lycoums and seminaries are established in different parts of the state. In 1839, 33 periodical publications were issued in Illinois. The prevailing religious creed is the Methodis

1839, 33 periodical publications were issued in innuous. The prevailing religious creed is the Methodist Episcopal.

During most part of the 18th century the name of filinois was applied to all the country N. and W. of the Ohio. The territory comprised in the present state was discovered in 1670 by a party of French colonists, who made their first permanent settlements at Kaskaskia and Cahobia in 1673. This tract of country was caded by the French to the English at the same time with Canada, in 1763, and by Virginia to the U. States in 1787. It was admitted, as a state into the Union in 1818; and sends 3 delegates to congress. (Illinois in 1837; Mitchell's U. States; Staurt's Three Years in America, H. 334—402.; Haffman; A Winter in the For West, i. 234—301.; Darby; American Almanach, 1837-89-40, gc.)

ILLYRIA (KINGDOM OF), a portion of the Austrian empire, comprising the prove. of Carinthia, Carniola, and istria, the islands of the Gulph of Quarnero, and the Illyrian Littorale. It lies between lat. 44° 24' and 47° 7' N., and long. 18° 14' and 16° E., having N., Austria and Styria; E., the latter prov. and Croatia; W., the Tyrol and italy; and S., the Adriatic Sea. It is divided into the govts. of Laybach and Trieste.

The divisions, with their extent and pop., are as follow:— [See top of next page.]

Its N. part is covered by the central chain of the Alps, and likewise by various offsets, constituting the southern limeatone girdle of the Alpine system. The S. portion of the kingdom, comprising the gov. of Trieste, occupies the S. slope of this mountain-range towards the Adriatic. The main chain at the Gross Glockner (14,600 ft. high) takes the name of the Noric Alps, stretching its low

Circles.	Area in	Towns.	Villages	Pop.	Chief Towns.
Laybach Neustadt Adelsburg Klagenfurth Villach Trieste (Terri- tory of) Istria Gorits Troops in gar- rison	1,802 1,439 1,138 1,411 1,626 40 2,178 1,837	9 13 8 23 13 1 1 53 10	918 1,833 421 1,616 1,139 24 479 441	149,724 183,433 88,076 178,523 122,860 70,813 211,040 176,570	Laybach Neustadt Idria Klagenfurth Villach Trieste Rovigno Gorits
!	10,801	111	6,871	1,212,753	1

peaks, here called Tamers, as far as the Ankogel, 10,131 ft. high. All this region contains extensive ice fields and glaciers. At the Ankogel the Noric Alps, taking a N.E. course, enter Styria; but a branch bounds the vale of the Drave on the N., and that of the Lavant on the E., separating their waters from those of the Mur. The Carnic Alps form the S. boundary of the valley of the Drave, dividing it from that of the Save. Various summits in this chain are from 6,600 to 8,000 ft. high; and over one of them, the Loibel, the emperor Charles VI. constructed the road connecting the Drave and the Save valleys: its summit-level is 5,477 ft. above the sea. At Mount Tergiou, the Julian Alps break off, running S.E. towards the Adriatic and Dalmatia; E. of Idria they decline in height, forming an elevated plateau, remarkable for drought and sterility, owing to the porous nature of its constituent limestone. Besides the pass over the Loibel, various others connect the fruitful valleys of this romantic country, the most remarkable being the Lungau; the Wursen, 3,100 ft., and the Pass of Tarvis 2,800 ft., leading from the valley of the Drave and the Lungau; the Wursen, 3,100 ft., and the Pass of Tarvis 2,800 ft., leading from the valley of the Drave to that of the Tagliamento. The valleys of the Gall (an. Vallis Justonis), in Carinthia, and of the Save and Wochen in Carniola, offer all the varieties of Alpine beauty, while in the S. those of the Isonos and Wippach, especially the former, present a

rinthia, and of the Save and Wochein in Carniola, offer all the varieties of Alpine beauty, while in the S. those of the Isonzo and Wippach, especially the former, present a picture of the richest italian cultivation. The only level tracts of any considerable extent ile S. of the Julian Alps towards the Adriatic, and in the Istrian peninsula. The Carnic and Julian Alps are perforated by very numerous subterraneous cavities, which, by draining the surface of water, condemn whole districts to a melancholy sterility. Several of these caverns are celebrated for their great size and curious natural phenomena, as the Cave of Adelsberg in Carniola, the neighbouring Magdaleu cavern, in which the "Proticus Anguissus" is found, &c. Through several of these the mountain torrents find subterraneous channels, to the great detriment

the Cave of Adelsberg in Carnlola, the neighbouring Magdalen cavern, in which the "Proteus Angwinus" is found, &c. Through several of these the mountain torrents find subterraneous channels, to the great detriment of agricultural prosperity. (Sec Adelsberg.)

The N. portion of Illyria is well watered. The Drau or Drave, rising in Tyrol, traverses Carinthla in all its length, and receives tributaries from both the N. and S. mountain barriers of that province. It is navigable from near Klagenfurt to its mouth in the Danube. The river second in importance is the Sau, or Save, which traverses Carnlola with an E. course parallel to that of the Drave. The banks of the Upper Save are mostly level; but the mountains close in on the river near Reichenberg. It is navigable from near Laybach; and receives various affluents, both in Carniola and Groatia. The rivers falling on the S. side of the Alps to the Adriatic, are the Isonor, Ausa, and Timavo. The Isonor, traversing the beautiful vale of Friaul, and taking near its mouth the name of Sdoba, falls into the sea near Monfalcone. The Ausa falls into the sea near Buso; and the Timavo (Timasus), with a course of scarcely more than 1,500 yards, is navigable up to its source. Istria is very scantily watered: the Quieto, its principal stream, falls into the sea near Citanuova, and, as well as the Aras on the E. side of the peninsula, is navigable for some miles of its course.

There are several lakes in the N., but none of any great extent. The Lake of Klagenfurth, 11 m. long, is united with the neighbouring city by a canal. At a short distance from it is the Ossinch lake, 7 m. long, and connected with the Drave by the Laybach. Further N. W. lies the Muhlstadt lake, 10 m. in length and in m. broad, with very picturesque banks. The Weissensee, the Feldeser-see, (an. Lacus Aisraciss), and, lastly, the remarkable Zirknitzer-see, are of smaller extent. The lake of Zirknitz has 2 islands, and receives its waters through autherraneous channels. During the spring, and the autumnal ra

NGDOM OF).
there is only one lake, that of Zeppitsch, near Chersano. The climate of Carinthia is most inclement. The mean temp, of the year at Klagonfurth is estimated by Blumensch at 7º Reaum; while, at Obervillach, the mean is 6º. The snow lies in the lower parts of the valley of the Drave till the middle or end of April; but in the valley of the Save, the climate is much milder. At Laybach, the temperature of the year is 8.º Réaum. The temperature of the government of Trieste presents a great contrast to that of the mountain districts. In the valley of the Isonzo, as well as in Istria, the olive, vines, and other productions of a southern climate, are largely cultivated. Occupations of the People.—Agriculture.—Illyris has two distinct agricultural systems; that of the N. government, which is Alpine, and that of the S. districts, which are cultivated in the Italian fashion. The mountainous districts of Carinthia, situated in a cold and damp climate, and having a short summer, are tilled with difficulty. Rye and summer corn are the most usual crops; and the three-course system, according to which I-3d part

culty. Rye and summer corn are the most usua: crops; and the three-course system, according to which 1-3d part of the land is in fallow, is generally prevalent. The corn, in order to dry thoroughly, requires to be hung up on poles or railings, of a peculiar construction; and these erections (called Harfen, Germ., and Stog or Kosva, Slav.) are often covered with a roof like that of a house. The are often covered with a roof like that of a house. The most productive corn region is the valley of the Lavant, and the district of Krappfeld. In the higher parts of the valley of the Drave, near Gottschee, the climate is so severe as not to allow of winter crops. Carniola, on the other hand, especially the valley of the Save, and the circle of lidra, has a warm climate, and is highly cultivated. Excellent wheat and malze, especially the "conquantino," are grown to a great extent; and there is a judicious rotation of crops. Blumenbach states that the usual succession of crops on good farms is: — First year (with manure) maize, notatoes, fax. or is:—First year (with manure) maize, potatoes, flax, or millet; 2d year, wheat or barley; 3d year, oats; 4th and 5th years, clover. The ground is broken up both with the plough, and by hacking. The quantity of land under cultivation, and its produce in 1837, in the gov. of Laybach, are thus stated. (Official returns.)

Distribution of Surface.	English Acres.	Produce.				
Arable land	668,490	Barley : 120,000 = =				
Vineyards Forests - Mendows and gardens - Commons -	23,540 2,140,5 20 779,760 1,069,3 90	Wine - 3,050,000 gallens. Timber - 1,132,600 cub. toises.				

a ne s. part of illyria differs essentially both in its productions and cultivation from the N. As soon as the traveller enters the valley of the losnos, the most charming landscape is presented to his view. The fields are in the highest state of cultivation, and being covered with rows of mulberries, or with elms and poplars, around which the vines cluster, the country bears an aspect of profuse fertility, superior even to that of central italy. The mode of irrigation pursued in Lombardy, however, is not practised in Frisul; and on advancing E. good husbandry is found to diminish. In Istria, which has a climate as well calculated as the Milaness territory for raising oranges and lemons, if they were covered during the winter, the farming system is execrable. Olives and sumach afford the principal crops both to the landowner and his coloni. The melogyer system of farming for half the produce of the land, prevails likewise in this part of the empire. In this government the cultivated land and its produce were, in 1837, as follows: The S. part of Illyria differs essentially both in its productions and cultivation from the N. As soon as the

	English Acres.	Produce.						
Meadows -	36,584	Oats Wine Olive oll Timber	Rye	:	127,040 91,540 92,500 22,500 8,000,000 261,840	===		

From these statements, it appears that the grain produced in Illyria is insufficient for its consumption: in the district of the "Litorale" wood for fuel and building must be procured from other districts.

Good flax is grown in all the valleys, and hemp cheffy in Frisu. Fruits of all kinds, especially cheenuts (nearnal) and flgs, are abundant in the coast district. The best wines are those of Monfalcone and the Prosecco, grown near Trieste; but very little wine is exported. The oil of istria is considered equal to that of Provence. The stones and refuse of the oilve are used for fuel, and are even exported to Ancona. The oilve is also extended. are even exported to Ancona. The olive is also extensively cultivated in the Quarnero islands, especially Veglia and Cherso.

Cheese is a considerable article of farming produce, and a good deal is exported. Slik is an increasing product. The two spinning establishments at Farra turnished, in 1832, 11,891 lbs. of raw slik. The slik produced in 1832, 11,891 lbs. of raw slik. The slik produced in 1837 this article was not included in the land-tax returns of the province.

The chief wild animals of the northern districts are the charged, red deer, and received, and less frequently

The cases wild animats of the northern districts are the chamois, red deer, and roebuck, and less frequently the wolf, bear, and small lynx. In the 8. provs. the or-tolan and the common partridge, qualls, water-fowls, and birds of passage are common. The fishery in the Gulph of Quarnero, and in the channels between the islands, farmishes an abundance of fish peculiar to those

waters.

waters.

Misses. — The chief wealth of lilyria consists in the rich metallic veins found in its mountains. The N. mountain chain separating Carinthia from Styria consists of transition formations, overlying mica slate, which composes the great spine of the Noric Alpa, and contains neat quantities of a very superior from ore. This chain opens S. into several valleys, sending tributaries to the Drawe; and in these secluded districts the various mining operations are carried on, favoured by the water-power afforded by the mountain-torrents. In the valleys in the Lieser, Gurk, Olsa, Mettnitz, and Lavant, from is the chief product. The mountains near Huttenberg are rivalled in productiveness only by the most prolific of the Swedish veins. The ore is chiefly the carbonate of from. The usefulness of these mines to the country is much inapeded by the interference of the government with the industrial occupations of its subjects. In fact,

the limitations on the export of iron, and the vexatious hindrances to enterprise, are such as to cramp all speculation; and the quantity annually produced corresponds heither with the wealth of the mines nor with the wants of the empire. In Carniola the same description of ore is found, near Feistris, in the valley of Wocheln; at Sava and Jauerburg, in the valley of the Save; and in Lower Carniola, near Hof. There are rich mines of lead at Bleiberg, in Carinthia, and of quick-silver at Idria. The latter are situated in the E. portion of the Julian Alps, on the right bank of the Isonso. The ore is found in a schistose rock, breaking through the predominant limestone of that chain; and as the veins get deeper, they are said to become richer. Blasting is the usual method employed for obtaining the ore; and the workmen, on account of the depth and consequent heat of the mines, work by relays of eight hours each gang. The lowest point in the mine is 300 ft. below the bed of the adjacent ldritts. The following is the return of the produce of the mines of Illyria for the year 1837:—

Gold and silver — 2 merbs the limitations on the export of iron, and the vexatious

- 8 marks - 54,487 cwt. - 391,323 — - 92,653 — - 120 value L.300,000. um and graphite ticksilver (from latria) 3.326 -

The other occupations of the people, though less important, exhibit an annual increase. The following table shows the increase in the number of registered manufacturers and traders between 1639 and 1637:—

Districts.	Manufactories.		Comm. Betablishments.		Trades.		Special Occupations.	
Districts.	1829.	1837.	1829.	1837.	1829.	1837.	1829.	1837.
Carinthia and Carniola Gov. of Triests, excl. of capital -	149 2 22	221 48	965 164	326 190	24,564 6,218	25,663 6,800	798 797	707 957
l	171	269	419	516	50,772	32,465	1,595	1,660
Tetal, in 1829 -	• •	- 83,257		Ditto, in	1837 -		- 34,910	

Most of the manufacturers in the above table are em-loyed in converting the metals into hardware, &c. here is no return of the commercial establishments in There is no reture of the commercial establishments in Trieste, inasmuch as that city is not included in the tax registers of the kingdom, its taxes being commuted for a payment of 60,000 florins annually. Flax-spinning and linen-weaving are the common and supplementary employments of the peasantry during their leisure from tillage labour, and the quantity annually produced for home consumption and exportation is considerable. Common woollen fabrics are likewise manufactured for home consumption; and fine cloths are made at Klagenfurth. There are 21 glasshouses, but only 2 cotton factories in lilvria.

In the trade returns of Illyria, Trieste, being a free port, is, usually excluded. Its exports are chiefly metals and timber. The inhabitants of the district of Gottand timber. The innantants of the district of con-schee are almost all pediars, who travel through foreign countries with their wares. The trade of Carinthia, Carniola, and the Illyrian coast, exclusive of Trieste, according to the official report for 1837, was as fol-

> Imports Exports -- 7,197,595

The amount of the trade of Trieste with the rest of

the empire during the same year was : —
| imports - - - 31,281,583 florins.
| Exports - - 12,712,882 do.

Exports

- 12,712,882 do.

The exportation of metals is chiefly confined to the ether provinces of the empire, Germany and Italy. Formerly a considerable export trade was carried on with Engiand; but it has almost ceased since the interruption eccasioned by the continental blockade, and the increased production of iron in England. The present customs regulations, which prohibit by extravagant duties the exportation of raw steel, have also been most prejudicial to the iron trade of Illyria. The shipping lists, in 1837, gave the following report:—

Port.		Vessels		No.	Tons.	Crews.	
Trieste Rovigno	-{ -{	Ships Consters Barks Coasters Barks	:	376 172 221 377 181	70,589 6,930 2,110 8,992 1,540	4,591 918 692 1,674 670	
	Total	. .	_	1.327	90.451	8.545	

Since 1837, great activity has prevailed in the shipping interest, chiefly owing to the exertions of a joint-stock company, named "The Austrian Lloyd's," which has 10 steam-boats running between Trieste and the harbours of Dalmatia, and the Levant. The Illyrian coast has many excellent harbours, few of which, however, are

made available for purposes of commerce. Istria abounds with ports, many large enough to shelter whole feets, the principal of which are, Capo d' Istria, Pirano (Porto Rose), Quleto, Pola, Parenso, Rovigno, &c., but these are now only frequented by the barks conveying sals, wine, oil, gall nuts, charcoal, bark, and other productions of the perinsula to Trieste and Venice. There are likewise some tolerable harbours in the Quarnero Islands, among which the Port of Lussin Piccolo is, perhaps, the most capacious.

most capacious.

The roads of illyria are as good as in most parts of the Austrian empire. The valleys of the Drave and Save are used for communication between Tyrol and Salaburg, and Carinthia and Carniola. Two main lines of road lead from the capital to Trieste, one by Klagenfurth and Goritz, the other by Laybach. From Goritz the former has a branch to Venice and other parts of italy, while the latter is connected by roads following the vales of the Save and Drave, with Hungary and the military frontier provs. The internal navigation is limited to rafts on the Save and Drave, by means of which rivers and their tributaries, much timber is floated down from the forests to the Danube.

Population. — The pop. of Illyria, in the course of 20

and their tributaries, much timber is floated down from the forests to the Danube.

Population.— The pop. of Illyria, in the course of 20 years, has increased in Carinthia and Carniola at the rate of 17-4 per cent., and in the Litorale at 30-3 per cent.

The inhab, (with the exception of the German settlers and of the Italians who have immigrated into the southern circles) are of Slavonian origin, and the vernacular language of Carniola, which is used as a written dialect, is one of the purest of the Slavonic idioms. Carniola is divided into Upper and Lower, the seats of the Gorcazi Krainzi and the Dolenzi Krainzi; the former of which are the mountaineers of the Julian Alps, the latter the inhab, of the valley of the Save. The Viparzi, in the valley of the Wippach; the Krasckorzi, on the Karst; the Piuzckene, in the Polk valley; and the Zoitzke, are perhaps only local names. The general denomination for the Illyrian Slavonians is "Windi or Wenden" (Venedi). The inhab, of Friaul call themselves "Fur.lansi"; the peninsula is occupied by the "Istriani", and the Quarnero islands by "Liburnai," Nearly one million of the inhab, are Slavonians.

The condition of the Illyrian pop., though certainly improving, is by no means prosperous. Like so many of the Slavonian inhab, of the empire, they speak a language which has not for centuries been the vehicle of intellectual improvement, and from an early period they were governed by tyrants, who a valled themselves of their feudal rights, to the injury of the people, without conferring on them any of the advantages incidental to that system. In fact, the Illyrians had no national existence till the time of Napoleon. The ephemeral kingdom of Illyria which he established infused a spirit into all classes,

which awakened them from the lethargy of ages. Much still remains to be done towards ameliorating the condition of the peasant, yet the change in his condition for the better within the present century is very great. The mountaineers of Carinthia and Upper Carinlos are the poorest and worst fed of the inhab. Amongst them, "cretins," or idiots, are of frequent occurrence, and are recommended to their neighbours' charity by the superstitious notion that their presence in a family indicates good fortune. Golfred a common amongst the mountaineers and the notion that their presence in a samily indicates good for-tune. Gother is common amongst the mountaineers, and the mortality is so great as scarcely to admit of any increase in the pop. The inhab. of the valleys, especially those living near the Sare, are in a better condition, and in the district of Goritz enjoy a considerable degree of pros-perity. Istria, with all its natural advantages, is worse cultivated, and less civilised, than the rest of Illyria. The cultivated, and less civilised, than the rest of Iliyria. The dress of the mountaineers resembles that of the peasant of Tyrol and Salzburg The women wear peaked, bread-brimmed hats; and in Carinthia, instead of stays they wear a red girdle, sewn to the linen tunic or shift, which is seen between the upper part and skirts of the gown worn over it. Formerly the men of the Gall valley wore a gay dress of motley colours, from which the costume of Harlequin in the Italian comedy is said to be derived; indeed, many of the figures is pantomimes are believed to have been originally caricatures of the Illyrian peasantry.

believed to nave been originary carranames we see lilyrian peasantry.

The institutions for education have greatly improved within the present century, and consisted, in 1837, of 3 Jyca, or colleges, with 431 students: 7 gymnasia, or grammar-schools, with 1.074 scholars; and 476 elementary schools for both seves, attended by 38,254 children, or about one fourth of those who, from the statistical reor about one fourth of those who, from the statistical returns, were of a legal age to frequent the schools: 479 Sunday and repetition schools are attended by 19,648 young persons of both sexes. The criminal returns for the same year do not exhibit a greater proportion of crime to pop, than in the other provinces of the empire. Murder, and crimes of violence, however, are frequent; for of 691 criminal investigations, 85 were cases of murder and manslaughter, 44 of stabbing, 12 of arson, and 34 of riot and outrageous conduct; making a total of 175 offences against the person. Illyria has three penitentiaries: one at Laybach, for Carinthia and Carmiola; one at Capo d' listria; and one at Gradiska; containing altogether 472 prisoners, of whom 20 were sentenced for less as Capo or istria; and one at Gradiska; containing alto-gether 472 prisoners, of whom 20 were sentenced for less than 1 year, 397 for less than 10 years, 171 between 10 and 20 years, and 4 for life, and 33 were in the gaols of the various criminal courts.

the various criminal courts.

The prevailing religion is Rom. Cath. in both governments; but in Carinthia there are 17,500 Lutherans, chiefly in the circle of Villach, and about 400 communicants of the Greek church. In the gov. of Trieste there are about 1,550 persons of the united Greek confession, 800 Protestants, and 3,000 Jews.

The Rom. Caths. are under 5 bishops: those of Gorits,

The Rom. Caths. are under 5 bishops: those of Goritz, Laybach, Trieste, Gurk, and Lavant; the last two of which are suffragans of the archbishop of Salzburg. There are 37 monasteries and convents in the kingdom, tenanted by 321 monks and 207 nuns; the number of the secular catholic clergy is 2.431, performing the pastoral duties of 967 parishes. The administration of this province is the same with that of the other German and Slavoutic provinces of the empire. The cities of Laybach and Trieste are the seats of the respective governments. but the co-

same with that of the other German and Slavouric provinces of the empire. The cities of Laybach and Trieste are the seats of the respective governments; but the general court of appeals for civil and criminal cases throughout the kingdom is held at Klagenfurth, where also is the mining court for Illyria. The city of Trieste has besides its prætor's court, a sanatory commission, with two laxarettos in the harbour, and numerous deputations at various places along the coast. (For further particulars, see Carinthia.)

ILMINSTER, a market town and par. of England, co. Somerset, hund. Abdick and Bulstone, on the lvel, 10 m. S.E. Taunton, 4 m. S. by W. Bath, and 127 m. W. by S. London. Area of par., 4,290 acres; pop., in 1811, 8,277. The town comprises two streets, intersecting each other at right angles, one of which is nearly a mile long: the houses are irregularly built, some being of stone or brick, and the greater part merely thatched. The church, formerly conventual, is cruciform, in the decorated Gothic style, and has a square embattled and pinnacled tower. There are also places of worship for Wesleyan Methodists and Independents, to which, as well as to the church, are attached well-frequented sunday schools. A free grammar-school was founded in 1800, and endowed with considerable estates; there is also an hospital for the maintenance of clergymen's widows. Ilminster was formerly an important woollen clothing town; but its industry is now confined to the widows. Ilminster was formerly an important woollen clothing town; but its industry is now confined to the weaving of narrow cloths, and is of little importance. clothing town; but its industry is not constructed wearing of narrow cloths, and is of little importance. Lace-net mills have been recently established, and give employment to several hands. Petty sessions are held in the market-house. Markets on Saturday: fairs for horses, live-stock, cheese, &c., the last Wednesday in

ugust.
IMOLA (an. Forum Cornelii), a town of N. Italy,

Papal States, legat. Ravenna; on the Santerno and the Emilian way, 18 m. N.W. Forli, and 20 m 8 E. Bologna. Pop. about 9,000. It is a town of some considerables. logna. Pop. about 9,000. It is a town or some consineration; being a bishop's see, surrounded by ancient wails and ditches, and further defended by an old castle. It is tolerably well built, and has a cathedral and 15 other churches, numerous convents, a hospital, theatre, college, and a literary academy, of some celebrity, termed de Industriosi, which has included among its members several distinguished individuals. It has manufactures of several distinguished individuals. It has manufactures of cream of tartar, called tartaro de Bologna, &c., and some

several distinguished individuals. It has manufactures or cream of tartar, called tartaro de Bologna, &c., and some trade in agricultural produce.

INDIA (BRITISH), a very extensive empire, chiefly situated in the central portion of S. Asia, comprising the greater part of the peninsula of Hindostan, or India within the Ganges, with the island of Ceylon, the provs. of Assam, Cachar, Jynteah, Aracan, Martaban, Tavoy, Ye, and Mergui, in India beyond the Ganges, acquired from the Birmese in 1826; Frince of Wales's Island (Pulo Penang), Malacca, Singapore, &c., or the stratic's ettlements, situated on, or adjacent to, the Malay peninsula. These vast dominions lie between 1st. 1° 20′ and 31° 15′ N., and long, 71° 46′ and 140° E.; their principal boundaries being, N.W. the Indian Desert; N. the Himalaya, which, in the upper provs. of Agra and in Assam, separates them from the Chinese empire, Nepaul, and Bootan; E. the Birman empire and Siam, and S. and W. the Indian Ocean, the Bay of Bengal, and the Arabian Sea. The area and pop. of the principal divisions of British India have been estimated as follows:—

I	i visions				Area in sq. m.	Pop.
In Bindestan: — Presidencies of Presidency of Presidency of	Madres	and	Agra	:	455,000 130,400 180,000	74,000,000 15,000,000
Island of Ceylo In India beyond the (4) Provs. on	e Genger	fron	the:	Bir-	21,450	8,000,000 1,600,000
mese (une Amem - Jyntesh) Cachar } Aracan -	et me t	en ga	l presid	.):	18,200 10,350 16,250	602,500 { 270,000 70,000
Tenamerim		artal avoy lergu chipe	and Ye	Ar	32,500	85,000 85,000?
(b) Straits' Set Penang, or l and prev. Malacca	Nament Prince o	Wal	-	and,	1,570	200,000
Singapore	Total	<u>.</u>	•	-	\$18,7 2 0	99,957,500

To the foregoing territories, under the immediate rule of the British, there may be added the tributary states of Berar, Oude, Mysore, Travancore, Cochin, Sattarah, the dom. of the Nizam, of the Rajpoot and Bundlecund chiefs, &c., which are substantially administered by British rulers, and are either entirely or in part surrounded by British territories, are estimated altogether to comprise about 433,000 sq. m., and a pop. of about 41,000,000. 41.000.000.

41,000,000.

The physical geography, products, inhabs., industry, &c. of the several divisions, provinces, and districts of British india, will be found treated of under the head Hindowstam, and in separate articles appropriated to each. The present article will, therefore, be principally occupied with those topics, such as the general government, the judicial and revenue systems, army, commerce, &c. of British India, that could not be conveniently introduced under any other head.

and revenue systems, army, commerce, &c. of British India, that could not be conveniently introduced under any other head.

Government. — Previously to 1773, the government of that part of india that then belonged to the British was vested in the E. India Company. The body of proprietors of E. India stock, assembled in general court, elected 24 directors, to whom the executive power was entrusted, the body of proprietors reserving exclusively to themselves all legislative authority. A vote in the court of proprietors was acquired by the holders of 500% of the company's stock; but to be a director, it was necessary to hold 2,000% stock. The directors, with their chairman and deputy chairman, were chosen annually, and subsequently subdivided themselves, for despatch of business, into 10 separate committees. As early as 1707, the three principal presidencies into which British india sidvided—those of Bombay, Madras, and Calcutta, were in existence. Each was governed by a president or governor, and a council of from 9 to 12 members, appointed by commission of the company. All power was lodged in the president and council jointly, every question that came before them being decided by a majority of votes. In 1726, a charter was granted, by which the company were permitted to establish a mayor's court at each of the presidencies, consisting of a mayor and nine aldermen, empowered to decide in civil cases of all descriptions, with an appeal from their jurisdiction to the president and council. The latter were also vested with

the power of holding courts of quarter sessions, for the exercise of penal judicasure, in all cases excepting those of high treason, as well as a court of requests, for the decision, by summary procedure, of pecuniary questions of inconsiderable smount. Added to this, the powers of justices of the peace were granted to the members of the council, and to them only, the president being, at the same time, commander-in-chief of all the military force stationed within his presidency. It will thus be readily seen that the officers of the company were recognised as the judges in their own cause in all cases; and that, notwithstanding the establishment of the mayors' courts, they still held all the judicial as well as the executive functions, both civil and military, in their own hands. An individual who became a member of the council was not deberred from subordinate functions; and from this An institute was became a memoer of the content was not debarred from subordinate functions; and from this circumstance especially it might have been expected that abuses would prevail; and to the abuses which thence arose, in fact, Mr. Mill attributes the embarrasaments in which the affairs of the company afterwards became in-

which the affairs of the company afterwards became involved.

In 1773, the great increase in the territorial possessions of the company attracted the attention and excited the cupidity of the government at home; while the financial embarrassments of the company, and the abuses which had crept into the government of India, furnished ample grounds for interference. In consequence, the ministry introduced two bills into parliament, distinctly asserting the claim of the crown to the territorial acquisitions of the company, raising the qualification to vote in the court of proprietors from the possession of 500£ to that of 1,00£ stock; giving to every proprietor possessed of 3,00£ votes, of 6,00£ votes, and of 10,00£ 4 votes; limiting the annual election of the whole 24 directors to that of 6 only; vesting the government of Bengal, Bahar, and Orissa in a governor-general, with a salary of 25,000£ a year, and 4 councillors, of 8,000£ such; rendering the other presidencies subordinate to that of 8 engal; and establishing at Calcutta a supresse court of judicature, consisting of a chief justice, with a 5,000£ a year, and 4 councillors, of 8,000£ aver each, appointed by the crown. As subsidiary articles, it was proposed, that the first governor-general and councillors should be nominated by parliament in the act, and hold their office for five years, after which the patronage of those great offices should revert to the directors, but still subject to the approbation of the crown; that every thing in the company's correspondence from India which related to civil or military and that the governor-general, councillors, and judges should be accluded from all commercial speculations and pursuits.

Mr. Pitt's Emmous India bill of 1784 established the

and that the governor-general, counciliors, and judges should be excluded from all commercial speculations and pursuits.

Mir. Pitt's famous india bill of 1784 established the board of control, consisting of six members of the pricipal secretaries of state being always members. The president of the board is, in fact, secretary of state for India, and is the officer responsible for its government, and for the proceedings of the board. The superintendence of the board so the state restends over the whole civil and military transactions carried on in India. It revises, cancels, or approves all despatches, letters, orders, or instructions proposed to be sent out by the court of directors to the government in India; it may also require the court to prepare and send out despatches on any given subject, couched in such terms as it may deem fit; it may transmit, in certain cases, orders to India, without the inspection of the directors, and has access to all the company's papers and records, and to all proceedings of the courts of directors and proprietors. It is clear, therefore, that from 1784, when the board of control was established, the real sovereignty of British India was taken out of the hands of the company, and placed in those of ministers. Under the act of 1833 (3 & 4 William IV. cap. 85.), the company holds, under the superintendence of the board of control, the political government and patronage of British India, till the 2004 of April, 1844; but its exclusive commercial privileges are no longer in existence. The supreme authority is vested in the governor general, who is also governor of the presidency of Benomiation being subject to the approval of the sovereign, and is assisted by a council of five members, three of whom amongst persons who are or have been servants of the company; the fourth is also chosen in a similar manner, but from amongst persons who are or have been servants of the company; the fourth is also chosen in a similar manner, but from amongst persons who are or have been servants of t

amongst persons uncommercial with the company; and the fifth is the commander-in-chief, who takes rank and precedence immediately after the governor-general. The other presidencies have also their governors and council of the Bengal presidency; the presidency of Agra, however, comprising the upper provinces of Bengal, is at present

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administered by a lieut.-governor only. The governorgeneral in council is competent to make laws for the
whole of British India, which are binding upon all the
courts of justice, unless annulled by higher authority.
Parliament reserves to itself right to supersede or suspend all proceedings and acts of the governor-general; and
the court of directors has also power to disallow then.
The foregoing remarks do not, however, in any way apply
to Ceylon, which is quite independent of the jurisdiction of continental India, being placed directly under the
colonial secretary of Great Britain. By the act of 1833,
the salaries of the principal civic officers in India were
fixed, that of the governor-general ± 34,6001, a year; the
governors of the Bombay and Madras presidencies,
il,5001; the ordinary members of the head council, 9,5002,
each; and the members of the other councils, 6,0002, each;
yarly. (Parl. Acts, Reports, &c.; Mill's Hist., &c.)
Justicial System. — When, in 1793, the Marquis Coravallis undertook his reform of the judicial and revenue
systems of British india, that territory was in a most deplorable state. "The administration of justice through all
its departments was most perniclous and depraved; the
nublic revenue lexical unon princinas the companish with walls undercook his reform of the judicial and revenue systems of British India, that territory was in a most deplorable state. "The administration of justice through all its departments was most pernicious and depraved; the public revenue levied upon principles incompatible with the existence of private property; the people sunk in poverty and wretchedness; more than one third part of the country a desert, and the rest hastening to desolation." [Mill. v. 48s.] Under the orders sent to India in 1786, the same individuals combined the business both of indicature and finance; being at once collectors of revenue, judges, and heads of the police. Lord Coruwallis endeavoured to separate these apparently incompatible offices, and distributed them amongst different individuals. He gave to native commissioners power to determine civil raits amongst natives to the value of 50 rupees, several of whom he established in each sillads of district, giving an appeal from their decisions to the sillad court, bedd in the principal town of the district, of which one of the company's servants was appointed the judge. The latter functionary was assisted by a registrar, and some other members from among the junior servants of the company, and natives duly qualified to appoint the Hindoo or Mohammedan law. These courts had jurisdiction in cases to the amount of 1,000 rupees. From them appeal might be made to four provincial courte established at Calcutta, Parna, Dacca, and Moorsbedbad. These courts consisted of three judges, chosen from the civil department of the company's service, a registrar of the company, and three expounders of the native law — a censer, swift, and pewadit. A higher tribunal, that of Sudder Devosmes Adawkst, was established at Calcutta, composed of the governor-general, his council, the head cancer, two suifice, two pseudice, a registrar and assistants of the company and three expounders of the native law — a censer, swift, and pewadit. A higher tribunal, that of Sudder Devosmes Adawkst.

But with all this mach

But with all this machinery of legislation, nothing like a code of laws was promulgated. The Hindoo and Mohammedan pop. were governed by the rules laid down in their respective sacred books,—the Shasters and the Koran,—as interpreted by the ever varying opinions of the pessitis and casacter. The courts established on the European model were infected with all that multiplication of technical courts and the same production of the courts of the courts are same perfectly with all that multiplication of technical courts are same perfectly with all that multiplication of technical courts are same perfectly with all that multiplication of technical courts are same perfectly and the same model were infected with all that multiplication of technical forms, which forms the worst feature of our own legal code, and all that delay and expensiveness of process, which tend to destroy the ends of justice, followed as a matter of course. The errors in the system adopted were great; but, considering the state in which Lord Cornwallis found affirs, it may be truly said that he effected a vast deal of good. He was actuated by the purest and most benevolent motives; and wisely endeavoured to respect, in as far as possible, the different legal codes of the various sects and nations comprised in the poor. of India.

codes of the various sects and nations comprised in the pop. of India.

Of late years, however, a disposition has grown up to unite again the judicial, magisterial, and revenue authorities which Lord Cornwallis had separated. A considerable change of this description was introduced by Sir T. Mooro in the Madras territories, and more recently by Lord W. Bentinck in Bengal. (See Revenue and Judicial Selections; Asiatic Journal, §c.).

Within the cities of Calcutta, Madras, and Bombay, and also within the settlements of Penang, Singapore, and Malacca, English civil and criminal law is administered to both natives and Europeans, with the exception of their

sects, English civil and criminal law is amministered to both natives and Europeans, with the exception of their own laws of inheritance being preserved to the former. But beyond the limits of the above-mentioned cities, on the continent of India, the native laws have been made binding on Europeans as well as natives. The charter of C 3

1833 provides, that no one shall, by reason of his nation, colour, or faith, be disqualified from holding office under the company, and that, henceforth, there shall be no distinction of blood or nativity. "Upon this ground," says Mr. Crawfurd, "the legislative council of India, without waiting for the code of laws which, under distinctions of the code of laws which, under distinctions of the code of laws which, under distinctions are considered.

the company, and that, henceforth, there shall be no distinction of blood or nativity. "Upon this ground," says Mr. Crawfurd, "the legislative council of India, without waiting for the code of laws which, under direction of the same statute, was in course of preparation, passed a law subjecting Europeans to the same tribunals to which natives are subject, although these tribunals administer their own domestic laws respectively to Hindoos and Mohammedans, are cognisant of no others, repudiate expressly the laws of England, and are presided over by natives, or by unprofessional European servants of the E. I. Company, the first of whom rarely know a word of English; while the proceedings of the courts are both conducted in the native languages, to the express exclusion of the English tongue. This act, from its unpopular character, is commonly called by Europeans in India, the 'Black Act.'"

There can be no doubt that, under the act of '1838, Europeans gained great advantages by the abolition of the E. India Company's monopoly and trade, the power to possess land, and the comparatively ample held which is thus opened to their enterprise. It is alleged, however, that, in so far as respects their rights, liberties, and laws, they are in a less favourable position than under the old system. Under the latter, British subjects, within the special jurisdiction of the king's courts, could only, like the natives, be tried by their own laws, and the local government could enact no new law for their government not in accordance with the "laws of the realm." But by the new system, the governor-general in council may enact any laws whatsoever, that shall be binding on British subjects, whether the same be consonant with the "laws of the realm." But by the new system, the governor-general in council may enact any laws whatsoever, that shall be binding on British subjects, whether the same be consonant with the "laws of the realm." But by the new system, the provinces, that is, beyond the special jurisdictions of the king's cour

under the new system, no such appeal lies from the native tribunal, unless the value be above 12 times as much as it was before the innovation.

We believe, however, that, practically, little inconvenience has arisen, or is at all likely to arise, from most of these regulations. We may be quite sure that the power given to the governor-general and council of emacting laws will not be rashly or capriciously exercised. How exalted scover, these functionaries are not merely responsible to parliament, but to public opinion: the free press, now established in India, will not fail to advertise them of any error they may be likely to commit; while the growing attention given to Indian affairs at home will tend to make them wary in their proceedings. We are less able to judge of the expediency of making British-born subjects responsible to the native tribunals; but even this is, we believe, less objectionable than it might appear to be.

Revenue system. — The land tax constitutes (the principal source of the revenue of British India, as it has always done of all eastern states. The governments of such countries may, in fact, be taid to be the real proprietors of the land; but in india, as elsewhere, the cultivators have a perpetual, hereditary, and transferable right of occupancy, so long as they continue to pay the share of the produce of the land demanded by the government. The value of this right of occupancy to the rural pop, depends on the degree of resistance which they have been able to oppose to the exactions of arbitrary governments. In Bengal and the adjacent provs. of India, from the pocularity it indic character of the inhabs., and the open and exposed nature of the computer, this resistance has been trifling indeed, and, consequently, the value of the right of occupancy in the peasant, or ryot, (an Arabic word, meaning subject.) has been proportionally reduced. This, also, may be considered, though with some modifications, as being nearly the condition, in this respect, of the inhabs. of every part

RITISH).

I of the great plain of the Ganges, comprising more than half the pop. of Hindostan. But where the country is naturally difficult, the people have been able more effectually to resist the encroachments of the head landlord, or state, and to retain a valuable share in the property of the soil. This has been particularly the case along the ghauts, as in Bednore, Canara, Maisbar, &c.; the inhabs, of which provs. not only lay claim to a right of private property in the soil, but have been generally ready to support their claim by force of arms. There can be no question, indeed, that the same modified right of property formenly existed every where; and it is indeed impossible that otherwise the land should ever have been reclaimed from the wilderness. But, in those parts of India which could be readily overrun by a military force, the right of property in the soil has long been little else than the right to cultivate one's paternal acres for behoof of others, the cultivate one's paternal acres for behoof of others, the cultivate one's paternal acres for behoof of others, the cultivate one's paternal acres for behoof of others, the cultivate one's paternal acres for behoof of others, the cultivate one's paternal acres for behoof of others, the cultivate one's paternal acres for behoof of others, the cultivate one's paternal acres for behoof of others, the cultivate one spaternal acres for behoof of others, the cultivate one spaternal acres for behoof of others, the cultivate one spaternal acres for behoof of others, the cultivate one spaternal acres for behoof of others, the cultivate one spaternal acres for behoof of others, the cultivate one spaternal acres for behoof of others, the cultivate one spaternal acres for behoof of others, the cultivate one is paternal acres for behoof of others, the cultivate one is paternal acres for behoof of others, the cultivate one is paternal acres for behoof of others, the cultivate one is paternal acres for behoof of others, the cultivate one is paternal acres for beho

Interfered with.

But notwithstanding what has now been stated, the perpetual or semindary settlement, established by Lord Cornwallis in Bengal, in 1793, was made on the assumption that the zemindars were the proprietors of the soil. His lordship, indeed, was far from being personally satisfied that such was really the case; but he was anxious to create a class of large proprietors, and to give them an interest in the improvement and prosperity of the country. It is clear, however, that this wish could not be realised without destroying the permanent rights of the tyots, for. it is clear, however, that this wish could not be realised without destroying the permanent rights of the ryots, for, unless this were accomplished, the zemindars could not interfere in the management of their estates. The interests of the zemindars, and the rights of the ryots, were plainly irreconcileable; and it was obvious that the former would endeavour to reduce the latter to the condition of temants at will. But this necessary consequence was either overlooked or ineffectually provided against. The semindars became, under condition of their paying the assessment, or quit-rent, due to government, proprietors or owners of the land. The amount of the assessment was fixed at the average of what it had been for a few years previously, and it was declared to be perpetual and invariable at that amount. When a zemindar fell into arrear with government, his estate might be either sold or resumed.

That the assessment was at the outset, and still is, too high, cannot well be doubted; and it must ever be matter

That the assessment was at the outset, and still is, too high, cannot well be doubted; and it must ever be matter of regret that the settlement was not made with the ryots, or cultivators, rather than with the zemindars; but, notwithstanding these and other defects, the measure was, on the whole, a great boon to India. Until the introduction of the perpetual system into Bengal, the revenue was raised in it, as it continues to be in the rest of India down to the praeent day, by a variable as well as a most oppressive land-tax. We all know what a pernicious influence tithe has had in this country; but suppose that, instead of amounting to 10, tithe had amounted to 50 per cent. of the gross produce of the soil, it would have been an effectual obstacle to all improvement; and the country would now have been in about the same state as in the days of Alfred, or of William the Conqueror.

about the same state as in the days of Alfred, or of William the Conqueror.

In France, Italy, and other parts of Europe, where the metager system is introduced, the landlord seldom or never gets half the produce, unless he also furnish the stock and farming capital, and, in most cases, the seed. But in India, neither the government nor the semindard do any thing of the sort: they merely supply the land, which is usually divided into very small portions, mostly about 6, and rarely amounting to 24 acres. A demand on the occupiers of such patches for half the produce is quite extravagant, and hence the excessive poverty of the people, which is such as to stagger belief. Rtill, however, the perpetual system is vastly preferable in principle, and also in its practical influence, to any other revenue system hitherto established in India. It set

limits to fiscal rapacity, and established, as it were, a rampart beyond which no tax-gatherer dared to intrude. The enormous amount of the assessment, and the rigour than the rapacity first enforced, ruined an and enormous amount of the assessment, and the rigour with which payment was at first enforced, ruined an immense number of zemindars. But their lands having come into new and more efficient hands, a better system of management was introduced, and the limitation of the government demand gave a stimulus to immend the contraction of the government demand gave a stimulus to immend the contraction of the government demand gave a stimulus to immend the contraction of the government demand gave a stimulus to immend the contraction of the contrac comes man new and more encount ands, a better system of management was introduced, and the limitation of the government demand gave a stimulus to improvement unknown in any other part of Hindostan. This, in fact, was the grand desideratum. A land-tax, that may be increased should the land be improved, is all but certain to prevent any such improvement being made. This has been its uniform operation in every country in the world that has had the bad fortune to be curred with such a destructive impost. But a heavy land-tax, provided it be fixed and unassceptible of increase, is no bar to improvements, unless in so far as it tends to deprive the proprietors and occupiers of land of the means of making them. There is, in such a case, no want of security, and the cultivator is not deterred from attempting improvements, or of bringing superior enterprise and industry to operate on his estate, by the fact that the tax will, in consequence, be increased.

creased.

The truth of what is now stated has been fully evinced in Bengal during the last 20 or 30 years; for both the pop., and the land-revenue of that part of our Indian empire has greatly increased. A great deal of waste land has been cultivated, and various works have been man has been cultivated, and various works have been undertaken that would not be so much as dreamed of in any other part of our empire in the east. But, with all this, there has been but little, if any, improvement in the condition of the people of Bengal under our government. They, in fact, are practically excluded from, at least, all direct participation in the benefits resulting from the limitation of the assessment. They have erely exchanged one taskmaster for another.

ment. Iney, in fact, are practically excluder from at least, all direct participation in the benefits resulting from the limitation of the assessment. They have merely exchanged one taskmaster for another. It is their landlords who have been the great gainers. The occupiers still, generally speaking, hold under the mechanic as rent; so that their poverty is often extreme, and their condition not infrequently inferior even to that of the hired labourer, who receives the miserable pittance of two annas, or about 3d., a day as wages.

It seems, however, as if there were some strange fatality attending the government of india; and that the greatest talents and the best intentions should, when applied to legislate for that country, produce only the most pernicious projects. The perpetual settlement carried into effect by Lord Corawalis in Bengal was keenly opposed by Lord Teignmouth, Colonel Wilkes, Mr. Thackeray, Sir T. Monro, and others, whose opinions on such subjects are certainly entitled to very great respect; and it would seem that the Board of Control became, at length, favourable to their views. In consequence of this change of opinion it was resolved to introduce a different system, under the superintendence of its zealous advocate, Sir Thomas Monro, into the presidency of Madras, or Fort St. George. This new system has received the name of the ryoscors actilement. It proceeds on the assumption that government possesses the entire property of the soil, and may dispose of it at pleasure; no middlemen or semindars are interposed between the sovereign and the cultivators; the ryots being brought into immediate contact with the collectors appointed by government to receive their rents. It is impossible, however, to enter fully into the details of this system. They are in the last degree complicated, which of itself would be enough to show their inexpediency. The land is taxed, according to its quality, at rates varying from 6d. up to 70c. an acre. Thus, for example, if the land were mere dry felds, without art cupy more, according to his circumstances." When, owing to bad crops, or other unforeseen accidents, a ryot becomes unable to pay his rent or assessment, it is declared that "the village to which he belongs shall be hable for him to the exicut of 10 per cent. on the rent of the remarking ryots, but no more." And to crown the whole, the tehsildars, or native officers, employed in collecting the land-rents, or revenue, have been vested with

powers to act as officers of police, to impose fines, and even to inflict corporal punishment almost at discre-

even to inflict corporal punishment almost at discretion!

It is really astonishing how acute and able men should have dreamed of establishing a system in an extensive and only half civilised country that every one must see would be destructive of the industry of the tenants, and would lead to the grossest abuses, were an attempt made to introduce it into the management even of a single estate in Great Britain. Mr. Tucker, a gentleman who resided long in India, and now occupies a place in the company's direction, has animadverted on this plan as follows:—"My wish," says he, "is not to exaggerate; but when I find a system requiring a multiplicity of instruments, surveyors and inspectors, assessors, ordinary and extraordinary; potalis, curnums, theildars, and cutcherry servants; and when I read the description given of these officers by the most scalous advocates of the system, their periodical visitations are pictured in my imagination as the passage of a flight of locusts, devouring in their course the fruits of the earth. For such complicated details, the most select agency would be required; whereas the agency we can command is of imagination as the passage of a fight of locusts, devouring in their course the fruits of the earth. For such complicated details, the most select agency would be required; whereas the agency we can command is of the most questionable character. We do not merely require experience and honesty to execute one great undertaking; the work is ever beginning and never ending, and calls for a perennial stream of intelligence and integrity. And can it be doubted that the people are oppressed and plundered by these multiform agents? The principle of the actiement is to take one third of the gross produce on account of government; and, in order to render the assessment moderate, Sir Monro proposed to grant a considerable deduction from the rates deductible from the survey reports. But, if it be moderate, how does it happen that the people continue in the same uniform condition of labouring peasants? Why do not the same changes take place here as in other communities? One man is industrious, economical, prudent, or fortunate; another is idle, wasteful, improvident, or unlucky. In the ordinary course of things, one should rise and the other fall: the former should, by degrees, aborb the possessions of the latter; should become rich while his neighbour remained poor; gradations in society should take place; and, in the course of time, we might naturally expect to see the landlord, the yeoman, and the labourer. And what prevents the natural progression? I should answer, the afficer of government. The fruits of industry are nipt in the bud. If one man produce more than his fellows, there is a public servant at hand ready to snatch the superfluity. And wherefore, then, should the husbandman toil, that a stranger may reap the produce? "There are two other circumstances which tend to perpetuate this uniform condition. The ryots have no fixed possession; they are liable to be moved from field to field: this they sometimes do of their own accord, for the purpose of obtaining land, supposed to be more lightly assessed; at other tim

"The other leveiling principle is to be found in the rule, which requires that the ryot shall make good the deficiencies of his neighbour to the extent of 10 per cent.; that is to the extent, probably, of his whole surplus earnings. Of what avail is it that the husbandman cent.; that is to the extent, probably, of his whole surplus earnings. Of what avail is it that the husbandman be diligent, skilful, and successful, if he is to be mulcted for his neighbour's negligence or misfortune? A. must pay the debt of B. If a village be prosperous it matters little, for the next village may have been exposed to some calamity; and from the abundance of the one we exact wherewithal to supply the deficiency of the other. Is it possible to fancy a system better calculated to baffle the efforts of the individual, to repress industry, to extinguish hope, and to reduce all to one common state of universal pauperism." (Review of the Phasascal Palicy of the E. I. Company, p. 134.)

It will be afterwards seen that, notwithstanding the long period of tranquillity that the Madras territories have enjoyed, the land revenue, instead of increasing,

long period of tranquillity that the Madras territories have enjoyed, the land revenue, instead of increasing, as it should have done under any reasonable system, has been progressively declining. The organisation and maintenance of the existing ryotwar system is, in truth, the most discreditable fact connected with the history of British India. The assessment of the land revenue in Madras is, in every respect, quite as objectionable as the assessment established by Mehemet Ali, in Egypt (See Vol. 1, p. 747.); and it would seem, indeed, that the pacha had had the land revenue code of the Madras Presidency before him when he framed his code: if there be any substantial difference between the two, that of the pacha, arbitrary and oppressive though it be, is entitled to the preference.

We have already stated enough to show that a variable land-tax is, in all cases, most injurious to a country. It

is understood to have been adopted by the authorities in India and England, in the expectation of enabling the government to participate in the advantages resulting from the improvement of the old lands, and from the bringing of new or waste land into cultivation. But it is clear as well from the contract of the cont form the improvement of the old lands, and from the bringing of new or waste land into cultivation. But it is clear, as well from the experience of Madras itself as of all other countries in which it has been tried, that a continually varying land-tax is an insuperable barrier to all improvement; and that it is, in fact, a powerful cause, not of advancement, but of poverty and barbarism. But the power of periodically revising the assessment might be retained without perpetually tampering with the occupiers. The only effect of this is to paralyse industry, to make those who are not poor counterfeit poverty, and to hinder any outlay of capital on the land. To obviate these disastrous consequences, the proper plan would be to assess the occupiers at a reasonable rate, and to make the assessment invariable for a period of at least forty or fifty years. An arrangement of this kind would give the ryots that security of which they are now wholly destitute; and would, we are bold to say, do ten times more to improve the Presidency than all the other measures it is possible to adopt, ave that of making the

more to improve the Presidency than all the other measures it is possible to adopt, save that of making the assessment perpetual. This plan is, in fact, beginning to be tried in some parts of india; and it has, we are assured, been attended with the best results.

The land revenue in most parts of British India is assessed under one or other of the systems now described; but in some parts of the Bengal provinces, in the ceded districts on the Nerbudda, and in the greater number of the native states, a different plan is adopted, which has received the name of the wilage system. This system, though defective in many respects, is incomparably superior to the ryotwar system, and, in some points, is even preferable to the perpetual system. It is a settlement made between the government and the cultivators, through the medium of the native village officers, who apportion the assessment without any direct interference apportion the assessment without any direct interference on the part of the government functionaries. (See art. BOMBAY PRESIDENCY, for a short notice of this system of assessment.) It is difficult to state the proportion of the produce of a village paid to government. The authorities know little of the precise property of any of the propriectors: it is not the interest or the wish of the village that they should; and, if any member of the community pay his share, that is a matter for the village at large to settle, and they usually come forward and pay it for him. pay his share, that is a matter for the village at large to settle, and they usually come forward and pay it for him. These, however, are private arrangements; and the mondate of the settles with the cultivators, has no power from government to enforce the assessment on the particular defaulter. The tax to be paid by each villager is settled by the villagers amongst themselves; the total assessment being calculated after inquiry into the property of the village—what it has paid and what it can pay—regular surveys of the village boundaries, and of its lands, having been previously made by government. The mocaddims or posted (headman) is elected by the villagers; and, if the latter become dissatisfied with him hey turn him out of office. This system may have, and doubtless has, its disadvantages: the potalis may, from various motives, unequally assess the villagers; and the tendency to cultivate waste lands will not be so strong as under the proteins settlement; but the latter effect is much more likely to be brought about under this than under the ryotwar system; nor does the village system involve the same inquisitorial acts on the part of government. If the amount of the tax charged on a village under this system were not too high, and if the amount, when once fixed, were made perpectual or invariable, for a period of at least 40 or 50 years, it would probably be as good a plan as could be devised for the assessment of the land-tax.

We may, in this place, compare the respective results which have followed under the different revenue systems,

the land-tax.

We may, in this place, compare the respective results which have followed under the different revenue systems, but especially where the permanent and ryotwar systems of taxation have been established. In 1798-94, the total gross revenue of the four provinces of Bengal, Bahar, Orissa, and Benares, was 4,129,484, of which 3,012,590, consisted of land-tax, only 2,573,744, being, however, actually collected. In 1897-38, the total gross revenue arounted to \$482,724, or in more than double however, actually collected. In 1837-38, the total gross revenue amounted to 8,842,723l., or to more than double its amount in 1793-94. The land-tax in 1837-38 amounted to 3,377,902... which was almost all collected. The produce of the other branches of revenue amounted, in 1837-38, to no less than 3,464,520... being nearly fire times the produce in 1793-93, when the perpetual settlement was organised. It is should also be observed, that Bengal. which, but a short time previously to 1793, had been which, but a short time previously to 1700, man new the theatre of a most rightful famine, has not since been afflicted with even a year of remarkable scarcity; while both famines and scarcities have been frequent in every other part of our dominions in Hindostan. In 1793, the highest estimate of the pop. of these provs., exclusive of Benares, was 24,000,000; in 1825 it had risen to 37,500,000, or increased by more than a half in 32

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In the Madras presidency, the land-tax, in 1805-6, amounted to 3,469,9771.; in 1814-15 to 3,439,1921.; and in 1837-38 to only 3,149,7811.; being a decline of 250,0002. a year; whereas the land-tax in Bengal during the same period had increased more than half a million! But how could it be otherwise? In Madras, the tax, besides being assessed in the worst possible manner, is oppressively high; indeed, the land-tax paid by that Presidency is almost equal to that paid by the far richer and wealthler country of Bengal, Bahar, Orissa, and Benares, with more than double its population! The other taxes in Madras are also more onerous than in Bengal; and several, such as a monopoly of tobacco, a tax on fruit trees, on cow-dung used as fuel, and on arts and professions, are unknown in the latter. But notwithstanding, while in Bengal the land-tax amounts to little more than a third, it amounts in Madras to fully three-fourths of the total revenue of the Presidency.

In the upper provs. of Bengal, now forming the government of Agra, where both the ryotwar and village systems prevail, and where the pop. is estimated to be about 18,000,000, or not quite half that of the 4 provs. of Bengal, Bahar, Oriss, and Benares, the land-tax, in 1806-7, was 2,103,410£; in 1811-12 it was raised to 5,665,666£. In the short space of 22 years, the tax had therefore been augmented by the enormous same of 1,663,156£. But this augmentation proved to have been a great deal too rapid; for in 18:4-35 the land-tax realised in the upper provs. sank to 3,289,024£, at the same time that the other branches of revenue amounted to only 796,867£, making the land-tax 81 parts in 100 of the whole revenue. Two years afterwards a dreadful famine broke out in the Agra provs.; and not only was little or no revenue collected, but the tax-receivers had to dole out relief to the tax-payers. In the Bombay presidency, where fluctuating assessments prevail, the land-tax, in 1837-38, amounted to 1,727,717£, collected at an expense of 284,717£, or about 1-

These statements conclusively demonstrate the vast superiority of the perpetual settlement, not merely as respects the prosperity of the country and the inhaba, but also as a financial engine. Had the perpetual settlement been adopted in Madras when it was adopted in Bengal, we venture to say that the revenue of the former, instead of remaining stationary, or retrograding, would have advanced quite as rapidly as in the latter, while the pop. and wealth of the Presidency would have been proportionally increased.

portionally increased.

pop. and wealth of the Frantiency would nave neen proportionally increased.

Besides the lands subject to the foregoing systems of assessment, a considerable extent of land in india is held rent-free. Throughout Hindostan, and indeed, we believe, throughout Asia, China perhaps excepted, a considerable portion of the land-tax is assigned to a great variety of parties, and for various purposes. Lands have been given to public officers as the reward of their services; to men of learning; to the favourites of sovereigns; for the maintenance of civil and military public establishments; and for the endowment of charitable, educational, and religious institutions. The grants, especially those for the use of temples, mosques, and shrines, were in perpetuity; and others became so through the usage of India. Inscriptions on stone and brass, found in most parts of India, attest the antiquity of these grants. One of them is supposed to be nearly coeval with the invasion of Britain by Julius Cesar, and hundreds are of dates antecedent to the Norman invasion. (Asiat. Researches, 1; Yrses, of the Ropel Asiat. Soc., passim.) The extent of these free tenure lands throughout India is very great. of Britain by Julius Cassar, and hundreds are of dates antecedent to the Norman invasion. (Asias. Researches. 1.; Tress. of the Royad Asias. Soc., passim.) The extent of these free tenure lands throughout India is very great. In the ceded territory under the Madras presidency, comprising an area of 26,000 sq. m., they amount, as estimated by Sir T. Monro, to one fifth part of the entire surface. In the N.W. provs. of the Bengal Presidency (now Agra), embracing an area of 66,000 sq. m., the free tenure lands were ascertained by the British commissioners to amount to 44,981,770 begals, the land-tax of which, if assessed in the usual manner, would have amounted to 1,226,000. From an inquiry made in 1777, it appeared that the rent-free lands in Bengal Proper amounted to 8,575,943 begals, or 2,164,564 acres, which would have yielded a tax of 1,256,8904 a year. It is deserving of notice, that the rent-free lands under the Agra presidency were at the very threshold, as it were, of the Mohammedan power; and the territory in which they are included was in the possession of the Mohammedans for siscensiries. But, notwithstanding their bigotry and despotion, they respected the free tenures. They also, nucleot to their honour, respected them had originally consisted of tracts of waste or wild land, reclaimed by the labour and capital of the grantees, or their heirs and successors. Lord Cornwallis, and the Indian council of his day, confirmed the possession of the rent-free lands to their holders, on the same perpetual tenure as the taxed lands; and it was enacted that those that held under a free tenure prior to 1755 should remain untaxed "for ever." It has been said that the present indian government has manifested a strong disposition to seize upon the rent-free lands, or to subject them to a system of taxation; but, as a proceeding of this sort would be a flagrant vis-

Abstract View of the Revenues and Charges of British India, for the Years 1845-46, 1846-47, 1847-48, and 1848-49, including the Charges disbursed in Great Britain. (Parl. Paper, No. 479, Sess. 1860.)

Revenue.	1845-44.	1846-47.	1847-48.	1848-49, partly estimated.	Charges.	1845-46.	1 846 -47.	1847-48.	1848-49, p-rtly estimated.
Pengal N. W. Provinces	8,42,30,416		7,73,93,036	7,72,23,53 4,77,76,600	Bengal -	9,94,21,365		10,36,56,218	Actual.
Madrus - Bombay -	3,82,84,936 2,18,38,719	3,8°,40,499 2,26,22,119	3,98,11,613 1,12,30,874	Actual, 3,91.17,169 2,46,03,376	N. W. Previnces Madras - Bombay -	92,60,984 3,75,83,043 2,74,12,370		88,05,406 8,59,53,417 2,72,35,052	3,43,12.61
		19,89,65,230	18,74,87,005	18,87,30,678	Total, including war charges -	17,34,79,767	17,66,15,327	17,57,10,093	18,13,80,594
At 2s. per Sices.	17,810,930	18,655,000	17,578,907	17,892,563	At Sr. per sices	16,263,798	16,557,687	16,472,821	17,004,431
Estraordinary Restipts. Receipts from produce of- commercial as- nots in India					Charge cause- quest upon the discharge of the 6 per cent. re- mittable debt : Bengai		967	_	_
and China: Bungal -	15,882	1,551	2,048	500	At 2s. per sicon		23		
At Sr. per sices.	1,489	145	195	47	Total charges in India &	16,263,728			17,004,431
Total ordinary and entra- erdinary re- venues and receipts in				•	Charges dis- bersed in Eng- land on account of India -	3,044,067	3,066,636	3,016,072	3,012,90A
India & Deficiency, after deducting nett produce of the commercial as-	17,812,419	1 8,6 53,145	77,102 و17	17,692,610	Total charges of India &	19,307,795	19,624,847	19,488,893	90,017,360
sets of the Company -	1,495,376	971,902	1,911,791	2,524,729					
£	19,307,795	19,694,347	19,488,893	20,017,339	1	}	1	·	1 1

We subjoin the following statement with respect to the revenue of the presidency of Bengal : -Account of the Revenue of the Bengal Presidency, in 1845-46, 1846-47, 1847-48, and 1848-49.

	Revenue				1845-46.	1846-47-	1847-48.	Estimate, 1845-49.
					Ca.'s rupess.	Ch.'s rupes.	Co.'s rupess.	Co's russes.
Mint duties - •		-			6,5%,147	5.54.628	4.27.349	8,59,000
Post-office collections			-		5,59,319	5.33,308	5,11,695	4.39.400
Strong duties -	•	-		: :	23,73,154	23.81,565	22.93.196	22,73,300
Excise duties in Calcutts		-	•		3,10,402	2.78,304	2.80.668	8,24,100
Judicial feet and flags					7,96,314	7,78,543	8.04,586	8.97.200
Miscellaneous civil receip	nts. Including	not cale	or deducts		,,,,,,,,,,,	1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1	0,2,,200
by exchange operations	between Inc	1 m	erland	·	I	13.27.267	3,93,138	ł
Lend Revenue			-		8.50.48.987	8,52,13,993	3,50,77,753	8,51,96,000
Sever and Abkerry			_	: :	26,79,599	28.01.323	29,16,032	29,19,900
Miscritaneous receipts in	the resence	-		I I	81.448	66,681	44,772	47,100
Receipts from the territor	ry carled by el	Part Contract	-		18.81.473	20.03.310	19,75,930	20,11,400
Receipts from bicinds -	.,	~	-		28,00,317	26,91,570	20.30.220	20,11,400
Contona		-	-		82,94,778	77.19.709	74.33.357	76,06,100
Sale of mit	Ξ	-	Ī	: :	1.48.17.711	1.64.40.018	1.58,77,680	1.35.97.100
Rate of series		-	-	-	2.96,99,875	3.06.73.658	2,35,61,021	2,92,54,106
Marine and pilotage rece		•	-				9,58,533	
merries and lessentes name	uhen .	-	-	•	10,26,541	9,77,04%	وووروس	8,64,000
Research of Prince of	Wales' Islan	ul, Mage	pers, and I	falaces.				
	[Co.'s 79.	Co.'s re	. Ca.'s re	. I Co.'s re.				
Prince of Wales' Island		1.63.84						
Sincepore -	5,18,413	4,30,41	8.89.68			i	Ī	l
Majacca -	64.130	61.09						i
	- , 04,130	,	1 ,0,11	. , .,,,,,,,,,	7.59.010	6,15,744	6,38,621	6,78,150
Subsidy received from th	a Marrara an			_	\$.00,000	8,00,000	8,00,000	8.00,000
Tributes from the Nizar	A Vicebana Bo	d or her -		-	5.96,132	11,09,308	12,99,908	12.01.720
Interest on arrears of rev	.,	- ~		•	87,104	1.38.141	1.36.418	48,500
Treatment on Street or leav	-11-0, 46.	-	•	•	37,104			10,000
Deduct allowances and	Total gross	revenue		·	10,36,15,141	10,70,74,808	9,84,73,062	9,57,22,476
Scongence aith meets	s or other en	ray a use o			26,98,615	26,30,097	26,69,208	26,70,795
Charges of sollecting the	Barrers Han	ludina an	بايدة في د		10,09,16,596	10,44,44,711	9,58,03,874	9,60,51,681
But & contrasts res			•	•		l .	f	١ ،
·	Co.'s rs. C	o. o ro.	Co.'s 10.	Co.'s 76.	l	1	l	I
Charges of collecting the					l	I	l	ı
stance duties -	1,02,063 1	,00,225	1,30,778	1,06,900		1	ı	i
Charges of land, Seyer and		المدامد			I	i	i	l
Abkerry revenues .	37,42,770 37		36,66,848			1	i	l
Charges of customs -	4,73,018, 4	,79,072	4,68,786	4,84,000	i	I	l	ı
Cost and charges of salt,	i i			ı	ł	1	l	i .
including payments made to the French and Dunish	i l			I	ī	i	Ī	i
to the French and Danish	i 1			I	l	I		I
severaments under con-	1 1			I	l .	ı	i	I
vention	48,45,246 41	58,685	35,08,707	35,78,561	1	l .	l	I
Cost and chacus of optum	75,22,613 78	.50,265 1	.06,45,725	1,06,92,187			l	i
					1,66,85,710	1,63,63,707	1,84,10,838	1.88.25,148
						·		
Tatal	actt revenues	of the B	ment preside	lency, after	i	l .	l	1
	yment of allo	WARCON	and sesions	ments, and	8,42,30,816	8,90,81,004		1

The total debt of India, in India, on the 30th of April, 1848, amounted to 43,085,2634., bearing an interest of 1857, of 295,840 men, being distributed into British, na-1,045,2144. a year.

British.	Native.	Contingent Native.
Hore extilley - 1,5 Foot do 4,5 Regineers - 2,2 Lovery - 13,6 Officers - 13,6 Officers - 26,6 The British troops serving in	054 Officers of Hindoo birth	Scindia

The expense of the Anglo-Indian army, according to reports laid before parliament in 1830, was as follows:—

•			•			
Engineer Artillery Cavalry Infantry	Cert	P4 .	- 83,874 - 606,463 - 1,070,634 - 4,124,079	Medical staff Pioneers - Commissariat Sundries -	:	# - 132,490 - 74,511 - 614,327 - 2,178,887
Staff	•	•	- 481,490	Total		- 9,878,955

It may be observed, by the way, that this sum of 9,374,000L is more than double the sum annually expended on the Prussian army! Considerable additions have been made within the last half dozen years to the

mailteary force in India.

Each presidency has its separate army, commander-in-chief, staff, &c.; but the commander-in-chief of the supreme government has a general authority over the armies of all the presidencies. Among the native troops called Sepoys (esquires), there is a complete intermixture of tribes, castes, and creeds; but the infantry consists chiefly of Hindoos and the cavalry of Mohammedans. The Hindoo soldiers of the Bengal army are mostly of high caste, more than 20,000 being Brahmins. The soldiers of the Madras army are principally Rajpoots, and are reckened the most preserved bardy arrivers, but diers of the Madras army are principally Rajpoots, and are reckoned the most persevering, hardy warriors; but they observe their religious customs so strictly, that the least deviation from them might have a dangerous effect on their discipline. The Bombay soldiers are the most easily disciplined, being generally of the lower castes. The troops are not raised by any forced levy or conscription; military service in India is quite voluntary, and is so popular that each regiment has a number of supernumeraries ready to take the place of such soldiers as die or leave. The men are well paid, clothed, and fed. The corporal punishment of Hindoos is not allowed; imprisonment being, in the Indian, as in the French, army, the principal engine by which discipline is a hept up. In the former, however, the disgrace attending dismissal from the service, which is acutely felt by the native soldiers, tends powerfully to preserve discipline dismissal from the service, which is acutely left by the native soldiers, tends powerfully to preserve discipline and obedience. Each company has an English captain, lieutenant, and ensign, as well as a native captain, lieutenant, and ensign. The latter, however, are under the command of the British officers; so that, with the title command of the British officers; so that, with the title captaints of officers they are properly apparing only and uniform of officers, they are, properly speaking, only subalterns or non-commissioned officers. The Indian

and uniform of officers, they are, properly speaking, only subalterns or non-commissioned officers. The indian army, when not in the field, is in camp the whole year through, a system which has contributed, in no small degree, to bring it to its present state of efficiency. A good deal of conflicting evidence was given before the parliamentary committees in 1832 and 1833, as to the real state of the indian army, and the degree of dependence to be placed on it. On the whole, it would seem to be superior, in respect of discipline and organisation, to any native army ever previously embodied in India; and so long as its discipline and efficiency are maintained unimpaired, it is no doubt fully adequate to provide for the tranquillity of India, and its defence against Asiatic invaders. But the Sepoya are decidedly inferior both in physical strength and mental energy to Europeans: and such being the case, we cannot help, how reluctantly soever, agreeing in opinion with those who think that the Indian army could not make any effectual opposition on thing like a corresponding force of French, Russian, or other European troops.

to any thing like a corresponding force of French, Russian, or other European troops.

The Indian navy consists only of one frigate, 4 or 5 le-gun brigs, 6 or 8 lo-gun covvettes and brigs, 3 or 4 armed steamers, and some other vessels: it is manned by about 500 European seamen, and from 500 to 700 natives, under about 140 British officers: it is attached to the Bombay presidency, which see.

Commerce.—Internal Trade.—Throughout the whole of the immense basin of the Gangus there is an exten-

Commerce. — Internal Trade. — Throughout the whole of the immense basin of the Ganges there is an extensive inland navigation; and this, also, is the case in the valleys of the larger rivers in the S.; but elsewhere the inland trade is greatly impeded by the want of roads, and the imperfect means of conveyance. With the ex-

ception of a few military roads, made by the English, none fit for carriages have been constructed in any part of the country; what are called high roads being, in fact, little better than broad and bad pathways, on which goods to a small extent are conveyed in carts, or, rather, very rude cars, drawn by a pair or more of oxen. Many kinds of goods are carried by pack-bullocks; on the N. W. frontiers of Hindostan, camels and horses are used; in the N. amall horses, and even goats and sheep are emfrontiers of Hindostan, camels and horses are used; in the N., small horses, and even goats and sheep are employed; but in most of the mountainous parts of Hindostan porters are the chief bearers of merchandise. The charge for conveying goods by land is estimated at an average of 100 m. at 56s. per ton, being about 28 times as much as the conveyance of the same weight of goods for 100 m. on the Ganges; and equal to more than half their freight by sea from Calcutta to London! In consequence the internal trade of the country has hitherto been confined principally to the necessaries of life. Under these circumstances we must not be surprised that various projects for the construction of railways have latterly been brought forward; but it is to be hoped that these may be well considered before any attempt be made to carry them into execution.

these may be well considered before any attempt be made to carry them into execution.

Corn, cotton, oleaginous plants, and sugar are the most important objects of inland commerce. The chief trade in rice takes place within the tract of the inundation of the Ganges: N. of lat. 22°, it is superseded by that of wheat and barley. Cotton is grown in every latitude in India; and is not, therefore, an article of very extensive internal commerce. Indian cotton is, speaking generally, coarse, dirty, and short in the staple; and is very inferior to most other kinds brought to the markets of Europe. But it is believed that this is not owing so much to any natural incapacity on the part of India to so much to any natural incapacity on the part of India to produce good cotton, as to the want of care in selecting the seed, and in the culture of the plant. In these respects, too, some very material improvements have been effected of late years; and a good deal of the cotton brought from India is now greatly unsured to the the terms. India is now greatly superior to what it was a few years ago. But it is still susceptible of much improvement. It has been estimated that cotton fabrics, of the value of about ago. But it is still susceptible of much improvement. It has been estimated that cotton fabrica, of the value of about 20,000,000. a year, used to be made by the pop. of British India, or of the value of 34,000,000. Including the tributary states. Cotton goods from Great Britain are now imported to the value, inc. twist, of nearly 4,000,000. ayear; but the real falling off in the amount of the Indian manufacture, in consequence of the import of British cottons, does not, probably, exceed two millions sterling a year; for we consume more than 400,000. worth of their cotton wool, and dispose of more than a million's worth of their fabrics in China. These statements sufficiently evince the fallacy of the often-repeated complaints of the destruction of the cotton manufacture of India by the importation of English goods; and it is needless to add that, though the latter were imported to a much greater extent, the circumstance would be an advantage, not an injury, to India; for they would not be imported were they not cheaper, and, consequently, more easily attainable than their own by the great bulk of the population. (For an account of the circumstances that led to the ruin of the manufacture of fine muslins in Dacca, see Vol. 1. 669.) Vol. I. 669.)

Sugar is a principal article of internal culture and trade. It is principally raised in the great plain of the Ganges. The average annual consumption of sugar in Hindostan has been estimated at between 11 libs and 12 lbs. a head, which, for the British and tributary states, would, amount to upwards of 650,000 tons; but we believe that this is a most exaggerated estimate, and that half the quantity would be much nearer the mark, though probably still in excess. The average consumption of salt is estimated at 15 lbs. per head, or upwards of 877,000 tons annually, which, at 8% a ton, including the tax, gives a total amount of between 7 and 8 millions stering. This article is every where paid for chiefly in corn. The other staples of the inland trade are indigo, opium,

INDIA (
allk, tobacco, nitre, oil-akins, drugs, hidea, hue, timber,
cc. The Malabar coast has some products peculiar to
itself, as teak and sandal woods, black pepper, and cardamons, and now, also, furnishes considerable quantities
of coffec. With these, and different metals, areca nuts,
and spices obtained from other countries, woolen and
cotton goods, and various manufactures and products of
Europe and China, the corn, cotton, sugar, and other articles of the inland trade are paid for on that coast. But
there is no extensive or well-organised system of inland
trade in India. The different parts of the country are, in
this respect, separate and unconnected. "The merchants of the upper provs.," says Sir C. Trevelyan,
"know nothing of the trade of the lower provs.; the
merchants of the lower provs. know nothing of what is
passing above Mirzapoor; and the maritime trade is
branch separate from both." This is a consequence,
partly of the want of good roads and other easy modes of
communication, but more, perhaps, of the internal duties
that were laid on the transit of goods from one part of
the country to another. These, however, have been
abolished; and there can be no doubt that this measure
will be of signal sdvantage to the country, and is, in fact
one of the greatest boons conferred upon it by the
English.
"In India, as under most uncivilised governments, the

English.

"In India, as under most uncivilised governments, the transit of goods within the country was made subject to duties; and upon all the roads and navigable rivers toll-hoases or custom-houses (chokeys) were erected, which had power of stopping the goods till the duties were levied. By the rule and oppressive nature of the government, these custom-houses were exceedingly multiplied; and, in long carriage, the inconvenience of numerous stoppages and payments was very severe. As in all other departments of the government, so in this, there was nothing regular and fixed. The duties varied at different times and different places; and a wide snere was nowning regular and uxen. I no duties varied at different times and different places; and a wide avenue was always open to the extortion of the collectors. The internal trade of the country was, by these causes, subject to ruinous obstructions." (Mill, book iv.

avenue was always open to the extortion of the collectors. The internal trade of the country was, by these causes, subject to ruinous obstructions." (Mill, book iv. cap. 5.)

The pernicious consequences resulting from this state of things early engaged the company's attention; though at first, their efforts were disected rather to obtain an exemption from the transit duties in favour of their own trade than to effect their abolition. In 1788, however, Lord Cornwallis, who was fully aware of their pernicious influence, adopted the handloss and decisive measure of abolishing the duties. But, unaccountable as it may seem, they were again restored in 1801; and were "frightfully increased" in 1810! Through the artificial impediments thus thrown in the way of internal commerce, the country was split, as it were, into a vast number of petry states, each surrounded by a line of customhouses, and each jealous of the other. Metals, for example, passing from one town or district to another, were charged 10 per cent. ad valorem, and most other articles were charged from 5 to 10 per cent. "Hence, the power of carrying on business on a large scale, of osing expensive machinery, and engaging numerous labourers, is contracted in an infinite degree; employments cannot be subdivided and improved; industry languishes; and a general tendency exists towards that barbarous state of things in which every body is obliged to produce and manufacture every thing he requires for his own consumption." (Trevelyan's Report, p. 5.)

Had the inland transit duties been productive of a large amount of revenue, that would have been one set-off against the enormous evils of which they were productive. But such was not the case. The expense of their collection, and the obstructions they threw in the way of communication, were such as to render their produce quite misginificant. At length, however, the pernicious influence of these duties in a commercial, and their inefficiency in a fiscal, point of view were clearly demonstrated by Sir C. Trevelyan

place.

External Trade. — Sir George Larpent furnished the following estimate of the trade of India and China with Great Britain in 1837-38 to a committee of the H. of Commona; and taking it for a basis, and making the necessary alterations, the following estimate of its present (1850) amount may not, perhaps, be very wide of the mark. (See next column.)

Indigo grows luxuriantly from the equator to the 30th degree of lat.; but in India the best is produced in Bengal and Bahar, between lat. 33° and 37° N., and long. 84° and 90° E.; everywhere else the product is inferior. The annual produce of all the Bengal provs. may be estimated.

Exports to E	ugland.	Mode in which Exports are paid for.	from India
	Estimat.		Estimate value.
Indigo Sugar Suk Silk piece goods Sultpere Rice Sundry articles Homelay cotton	1,000,000 800,000 350,000 300,000 100,000	Remirtances of private	5,400,000 1,000,000 500,000 5,000,000 1,000,000
Too from China Silk and other ar- ticles from do.	5,000,000 1,500,000	Deduct bullion to India	5,480,000
Total -	11,550,000	Total	11,550,000

mated at about 9,000,000 lbs., produced on about 1,250,000 mated at about 9,000,000 lbs., produced on about 1,250,000 acres of cultivated land; the planters, at an average, farming about 2,500 acres each. The prime cost of the article to the planters has been estimated at 1,680,002.; the gross profit on which, including risk and charges to the port of exportation, amounts to 40 per cent. The production of silk in India is confined to Bengal, and the produce is inferior. (Scc art. Hindowran.) still is an article of great and ramply plantersing export to China, the Malay Islands, and elsewhere. The exports to China may at present (1850) be estimated at the productors.

article of great and rapidly increasing export to China, the Malay Islands, and elsewhere. The exports to China may at present (1850) be estimated at the predigious amount of from 25,000 to 45,000 chests, worth from 20,000,000 to 28,000,000 doll. This wast importation is the cause of the heavy drain for bullion now operating on China. The poppy may be said to take the place in Indian agriculture that the vine and olive occupy in that of S. Europe. Its growth within the British territories has been confined to Bahar and the Benares districts but in the prov. Malwah, most part of which is included in the dom. of Schndis, it is extensively cultivated, and pays an export duty on being shipped from ports under our dominion. It is produced under a monopoly, and yields a large revenue to government.

The principal export of cottou is to China; but the export to Great Britain is also very considerable, having amounted to 84,101,661 lbs. in 1848. But large as this importation may appear it does not really amount to I-8th part of our whole annual consumption of cotton wol!

Notwithstanding the vast, and all but millmited, capatition of Railly and the section of the contraction of the section of the contraction of the co

Notwithstanding the vast, and all but unlimited, capacities of British India for the production of sugar, its total export, in 1838, amounted to little more than two thirds of the export of sugar from the Mauritius! This miserable result was wholly, or almost wholly, ascribable to the inferior quality of East Indian sugars, owing to the very rude and imperfect methods in which they were prepared; rude and imperfect methods in which they were prepared; but it was parity, also, ascrinable to the circumstance of E. Indian sugars having been burdened, previously to 1836, with a duty of 8s. a owt, over and above the duty charged on W. Indian sugars. But in the course of that year Bengal sugars were put on the same footing, in respect of duties, as those of the W. Indian colonies; and of late years a great improvement has been effected in the manufacture of E. Indian sugars, the best of which are now about equal to the less of those from Jamaica are now about equal to the best of those from Jamaica and Demerara. In consequence of the circumstances now referred to, and of the comparatively high price of sugar in this country, the imports from India increased with great rapidity.

We subjoin an account of the importation of sugar from British India, ex. Ceylon, during the three years before and the three years subsequent to the equalisation of the duties : -

The imports from India have since continued to increase though not, perhaps, so rapidly as was anticipated; and it is thought by some that when the duties on foreign and colonial sugars are equalised, the sugar of India will have some difficulty in maintaining its ground. The imports in 1848 amounted to 1,332,745 cwts.

The abolition of the discriminating duty, in favour of Bengal sugars, being founded on reason and equity, it has since been extended to all parts of British India, and to Ceylon. Nothing, indeed, could be more unjust and inconsistent with sound principle, than to impose higher duties on the products of one portion or dependency of the empire than on those of another.

The corn of India, both rice and wheat, is inferior to that of most other countries, for the same reason that

its cotton and sugar are talerior, both being the produce of a rude husbandry, and rude preparation. Rice is scalded instead of being kiln-dried; and wheat is never dried at all, except in the sun. It was supposed that the latter might be largely imported under a free corn trade

28 INDIA-BEYOND-THE GANGES. into England; but it does not appear that there are any real grounds for such an opinion. Indian wheat is, speaking generally, very inferior to British wheat; and it could not be imported, in ordinary year, at less than from 40s. to 44s. a quarter. Its price, free on board at Calcutta, may be taken at 15s. or 16s. a quarter; to which five add 16s. or 18s. for freight to England, and 8s. or 10s. for profits and landing charges here, it is abundantly plain that, except in high priced years, it would not answer to import Indian corn.

Previously to the discovery of nitrate of soda in 8. America, Bengal and Bahar had a monopoly of the trade in saltpetre. And, contrary to what might have been anticipated, the exports from the latter do not appear to have been at all affected by that discovery. In proof of this statement it is enough to mention, that the exports of saltpetre from Calcutta amounted, in 1848-49, to 615,000 maunds. Dyes, shell-lac, linesed, safflower, salamm, acc., tin, antimony, catechu, and pearl sago are other sam, &c., tin, antimony, catechu, and pearl sago are other exports worthy of mention; and which owe their importance as such principally to the commercial enterpris talent of Europeans

Statement of the Quantities of the Principal Articles imported into the United Kingdom from British India (the Bast India Company's Territories and Ceylon) in

Articles.	Quanti-	Articles	Quanti- tities.
Casala Lignes - 1b	37,019	Cotton wool - Ibs.	84,101,961
Cinnamou		Saltpetre and cu-	286,990
Coffee	30,851,465		
Cotton piece		Senna - lbs.	807,385
gnosis - piec	114,306	Raw and waste	Colle.
Ginger - cwt	6,990	tilk	772,152
Gum arable	13,687	Bandannas:	35500
Lac-dye - Ib			298,456
Shell-lan	1.604.655	Sugar, unref. cwts.	1,332,745
Hemp, undressed cwt	958 938	Rhubarb - lbs.	17,843
Hides, untanned -		Nutmegs	199,039
Castor off			5,997,435
Pepper			0,2011100
Rice cwt	844,642		

Statement of the Quantities and Declared Value of the Principal Articles of British and Irish Produce and I Manufactures exported to the E. India Company's Territories, exclusive of Ceylon, in 1849.

Articles.	Quantities.	Declared Value
Apparel, slops, &c		116,014
Arms and ammunition	1	143,146
Beer and ale berrels	88,796	98,139
Printed books cwts.	1,567	30,649
lirass and copper manuf. —	125,529	557,861
Cotton manufactures yds.	209,833,883	3,078,010
Hosiery, lace, &c	i	60,163
Cotton twist and yern . Ibs.		839,132
Barthenware - pieces	1,079,806	23,168
Glass wares cwts-	40,439	44,160
Hardware and cuttery	17,637	97,578
Iron and steel - tons.	88,025	275,671
Linen manufactures - yds.	970,751	59,730 25,426
Machinery	1 .	25,346
Placed wares and jewellery -		11,020
Silk manufactures -		50,762
Stationery		20,702
Woollen manuf, entered by the	49,161	165,523
piece piece place Do by the yard yds.	404,144	19,176
Do. by the yard yds. Other articles	404,144	434,510
Other articles	l • •	401,010
Total deciared value		L,6,149,784

For further particulars as to British India the reader is referred to the article HINDOSTAN. We subjoin a chronological statement of the principal territorial acquisitions made by the British in India.—

territorial acquisitions made by the British in India.—
[See top of next column.]
INDIA-BEYOND-THE-GANGES, sometimes called
INDO-CHRA, an extensive region of Asia, forming the
eastern of its three great peninsulas, extending between
the 7th and 26th degs. of N. lat., and the 92d and 109th
of E. long, comprising the empires of Birmah Siam,
and Anam, the Malay peninsula, Laos, the Tenasserim
provs., Aracan, Cathay, Cachar, Assam, and the Bengal districts of Sylhet, Tipperah, and Chittagong, which
see.

INDIANA, one of the United States of America, in the N.W. part of the Union, between lat. 370 45 and 410 45 N, and long. 840 40° and 890 W., having N. the lake and state of Michigan, E. Ohio, W. Illinois, and S. Rentucky, from which it is separated by the Ohio. Length, N. to S., 270 m.; average breadth, 130 m. Area, 35,100 m. Pop. (1840) 685,865; but its inhabs. have since rapidly increased, and may now, perhaps, be estimated at 850,000. Surface generally level or undulating; there are, however, some extensive hilly tracts in different parts. The chief elevations in the state are the buffs which skirt the Ohio; and these, and the country immediately INDIANA, one of the United States of America, in the

Districts	Date of Acqui- sition.	Districts.	Dule of Acqui- sition.
Tventy-four Pergun- nahs Masulipatam, &c. Bardwan, Midnapoer, and Chitagong Bengal, Bahar, &c. Company) Jaghire in the vicinity of Madras Northern Circors Zemindary of Benaris Island of Salastte Nagopore Ginstone Circars Falo Descential Salastte Lean, Barramahi Corinbatore, Canara, Wynasd, &c. Tanjore Districts acquired by the Nizana from Tip- Districts acquired by the Nizana from Tip- 21799atta in 1792- 1799atta in 1792- 1799atta in 1792- Carnatio Goruckpore, Lower	1757 1759 1760 1763 1765 1765 1776 1776 1778 1778 1778 1779 1799 1799	Distr. in Bundlecund Cuttach and Balasore Upper Doab, Delhi ter- ritory, &c. Districts in Gujrat Kumaon Saugur and Huttab, Darwar, &c. Ahmedalade. Almere, &c. Admere, &c. Bistr. on the Nerbudda, Kumbhalpoor, &c. Landa in S. Concan District in Bajapoor Singapore Malacca Malacca Assam, Aracan, Tavoy, Ye, Tenasserim Coorg Sinde Punjab	1802 1803 1805 1805 1815 1817 1818 1818 1818 1818 1818 181
Doab, Barelly, &c	1801	<u> </u>	!

Caractoree, Lewer Dosh, Barelly, &c. | 1801 | Panjab | - | 1849 | Dosh, Barelly, &c. | 1801 | N. of them, are densely wooded. The central and N. parts consist chiefly of level prairies, interspersed with small lakes and swamps. Next to the Ohlo, the principal river is the Wabash. It rises in the N.E., and, flowing first W. and afterwards S., in the lower part of its course divides this state from Illinois, and falls into the Ohlo after a course of 480 m., the greater part of which is navigable. It has several tributaries, including the White, the E. Fork, &c., which also are navigable for a considerable distance. The other principal rivers are the St. Joseph, which falls into Lake Michigan, and the Kantanee, an affluent of the Illinois. The climate differs little from that of Ohio and Illinois; but Indiana is somewhat less subject to the extremes of heat and cold than the latter state. The winters seldom last longer than six weeks; the Wabash, however, is at that season frozen over so as to be crossed with safety. In the valleys of the Ohlo and Wabash, bilious fevers, agues, &c. are very prevalent during summer.

Soil in moet parts very fertile. The agricultural products are the same as in the adjoining states on the E. and W. Little is known of the metallic resources of the state, no mines being wrought. Large quantities of sulphate of magnesia are met with in the S. along the banks of the Ohlo. An extensive system of internal navigation has been undertaken, and in 1836 a loan of 10,000,000 doil. was negotisated by the state for promoting the construction of canals and railways. The most important public work yet commenced is the Wabash and Erie Canal, to extend from the W. end of Lake Erie to La Fayette, on the Wabash, a distance of 187 m., 100 of which are within indiana: 30 m. of this canal had been navigated during the year ending Aug. 1838. It is proposed to extend the line down the Wabash to a projected central canal leading to Evanaville, making its to Madison has been finished, and various other extens

total length 460 m. A railway from Indianapoiis to Madison has been finished, and various other extensive public routes are either completed or in active progress. These undertakings have involved the state in a rather large debt, that portion of it due to foreigners having amounted, in 1847, inc. arrears of interest, to 14,374,640 doil. Since then it has been distributed into various stocks, above 6,000,000 doil, having been thrown upon the canal, the payment of its principal and interest being made to depend on the receipts from the canal. In 1840, the state had one bank of its own, and 12 branch banks, with a united capital of 2,985,376 dollars. By a clause of the constitution, the legislature is bound to provide, as far as the circumstances of the state will bermit, for a system of general education, and the establishment of a university, in which tuition shall be gratis. The thirty-sixth part of every township of land is reserved for the purposes of education; but no general system of public instruction has yet been devised and carried into effect. There are at present 3 colleges: Indiana College, at Bloomington, founded 1825; that of S, Hanover, established 1837, and Wabash College, at Crawfordville, established in 1838.

Indiana is divided into 64 cos. Indianapolis, on White River, near the centre of the state, is the cap, and seat

River, near the centre of the state, is the cap, and seat of government: the other chief towns are New Albany, Madison, and Vincennes. The legislature consists of a of government: the other chief towns are New Albany, Madison, and Vincennes. The legislature consists of a senate, with, at present, 30 mem., and a house of representatives of 62 mems.*: the former are elected for three years, and the latter annually, by all the free white male citizens above 21 years of age, who have resided in the state for one year preceding the election. The general assembly meets annually at Indianapolis.

* The number of members of the legislature is regulated by that of

ges are elected for a term of seven years : the ge-nor is chosen for three years, and is only twice eligible vernor is chosen for three years, and is only twice eligible. The earliest permanent occupation of Indiana was made by the French, about 1702, when Vincennes, and several other small settlements were established by them along the Wabash. Previously to 1800, it was included in the N.W. territory, and from that year until 1809 was governed with Illinois, under the title of the Indiana territory. In 1816, it was constituted an independent state. It sends 7 representatives to congress. (Stuart's America: American Encyc.; Darby; American Almanack, 1834—1840.)

INDIES (EAST). Under this vague and ill-defined

pendent state. It sends 7 representatives to congress. States America: American Encyc.; Darby; American Almanack, 1834—1840.)

INDIES (EAST). Under this vague and ill-defined appellation are usually comprised Hindostan, India-beyond-the-Ganges, and the islands in the E. Archipelago.

INDIES (WEST). Under this term were formerly included not only the Caribbee and other islands in the Atlantic near the coast of America, but also all the countries included under the name of the Spanish Main. But at present the term is restricted so as to signify only the islands between lat. 10° and 27° N., and long, 60° and 65° W., comprising the larger and smaller Antiles; the former consisting of Cuba, Hayti, Jamaica, and Porto Rico; and the latter of the Virgin, Leeward and Windward groups, with the Bahamas, Trinidad, Tobago, and a few other islands. Of these, Hayti alone is independent. Cuba and Porto Rico belong to Spain; Jamaica, the Bahamas, Trinidad, Barbadoes, Antigua, Dominica, Grenada, St. Lucia, &c., to Great Britain; Gaadaloupe, Marialque, Marie Galante, &c., to France; St. Eustains, Saba, and Curaçoa, to the Dutch; St. Crok, St. Thomas, and St. John, to the Danes; and St. Bartholome to the Swedes. For further details, see in this Dictionary the several kiamad shove named.

INDORE, a city of Hindostan, prov. Malwah, cap. of Holkar's dom., and the residence of that chief, a little N. of the Vindhyan mountains, and 30 m. S. by E. Oojeln: lat. 22° 42° N., long. 75° 60° E. Pop. very uncertain, it having fluctuated greatly at different periods. According to Malcolin (Cestral India, 1 98., j, it is now inconsiderable both in size and pop., and, being but weakly fortified, is a place of small importance. It stands at nearly 2,000 ft. above the level of the see, in a well wooded, pleasant, and healthy tract, and has been wholly built within the present century. Some of its streets an aneary 2,000 ft. above the level of the see, in a well wooded, pleasant, and healthy and contains no public edifice worthy of remark, except th

and contains no public edifice worthy of remark, except the palace, a massive quadrangular granite building, with decorations of carved wood.

The territories of Holkar comprise an area of 4,250 sq. m., having N. and B. Scindia's dom., and W. and S. territ. of the Bombay presid. By the treaty of 1818, Indore was placed on the footing of other subsidiary states, the British agreeing to maintain a force for its external and internal security; and Holkar to keep no useless troops, and to furnish us when required a contingent of 3,000 horse. A British resident is accordingly stationed at this cap., and a British force at Mhow and Mahidpore. (Hamilton's E. I. Gaz.; Parl. Rep., 8c.) INDRE, an inland dep. of France, reg. centre, formerly included in the prov. Berri, between lat. 46° 22° 30° and 47° 18′ N., and long. 0° 51′ and 2° 13′ B.; having N. Loir-et-Cher, E. Cher, S. Creuse, and W. Vienne and Indre-et-Loire. Average length and breadth 60 tibles each. Area, 688,851 hectares. Pop. (1846) 263,977. Its surface is generally level, with a slope towards the N.W. in which direction nearly all fix rivers run to poin the Loire or the Cher. The Creuse bounds it W.; the other chief river is the Indre, whence the driver is the sand the succeeding dep. to its mouth in the Loire, below Tours. Châteauroux and Loches stand on its banks, but, like the other streams of this dep., it is innavigable. A pestiferous tract of pools and marshes, alled the Revenue, extends throughout the centre and noise below Tours. Chalceuroux and Loches stand on its banks, but, like the other streams of this dep., it is imarigable. A pestiferous tract of pools and marshes, called the Revene, extends throughout the centre and W. part of the dep., occupying about 1.10th part of the E. end, called the Pays de Champagne, is quite bare of wood, and intertile; but the remainder is mostly either mader culture or covered with forests. In 1834, the arable land comprised 401, 361 hectares, meadows 85,203 h., and forests and heaths 132,232 h. Agriculture is very backward; but more corn is grown than is required for home consumption, a result probably owing to the thinness of the pop., as only about 1,480,000 hectolitres of all kinds are produced annually. The produce of wine amounts to about 480,000 hectol. a year, which also is more than is consumed by the habse. Fruits are good, and excellent hemp is raised. In 1830, there were 765,000 sheep in the dep., large flocks being fed on the Pays de Champagne. A good many oxen are fattened for the supply of Paris; and hogs for the markets of Auvergne and Limousin. Geese and other poultry are reared in large numbers, particularly in the Pays

de Brenne. Fish are abundant; and leeches form an article of trade. Iron of good quality is found, and forges are numerous. Good gun-linin are obtained at Châteauroux. Next to iron goods and woollen cloths, the principal manufactures are those of cottons, woollen the principal manufactures are those of cottons, woollen yarn, leather, tiles, earthesware, hast, paper, and parchiment. The dep. exports corn, wine, cattle, wool, woollen cloths, iron and iron goods, &c., to double the value of its imports. In 1885, of 83.76 properties subject to the constributions fourciere, 47,461 were assessed below 5 fr., and 13,002 between 5 and 10 fr.; the number of considerable properties is somewhat below the average of the depa. The peasantry are strongly attached to routine practices, and therefore little likely to better their condition. Education is little diffused; in 1885, 190 communes were without primary schools, and only 5,360 persons, or 1-98th part of the pop., were receiving public instruction. Indre is divided into 4 arronds; chief towns Châteauroux, the cap., Le Blanc, Issoudun, and La Chatre. It sends 4 mems to the ch. of dep. Number of electors (1838-39), 1,552. Total public revenue (1831), 5,318,998 fr.; expenditure in the same year, 2,773,804 fr.

INDRE-ET-LOIRE, a dep. of France, reg. of the W., formerly included in the prov. Tournine, comprising a

INDRE-ET-LOIRE, a dep. of France, reg. of the W., formerly included in the prov. Touraine, comprising a tract on both sides the Loire, between lat. 46° 48° and 47° 43° N., and long. 0° 2° and 1° 21° E., having N. Sarthe and Loir-et-Cher. E. the latter dep. and Indre, S. Indre and Vienne, and W. Maine-et-Loire. Area, 611,679 bectures. Pop. (1846), 312.00. Surface almost an entire plain, with a slope from both the N. and 8. to S. indre and Vienne, and W. Maine-et-Loire. Area, 611,679 hectares. Pop. (1846), 312,100. Surface almost an entire plain, with a slope from both the N. and S. to the Loire, which runs through it, near its centre, from E. to W. The part of the dep, watered by the Loire is so productive and beautiful that it has been termed the garden of France; but the soil elsewhere is generally dry, thin, and poor, and in the N.W. there are some extensive pools and marshes. Heaths and wastes occupy nearly 1-6th part of the surface, and forests more than 1-10th. In 1834, 334,910 hectares were arable, 23,463 pasture land, 25,004 vineyard, and 23,673 otherwise cultivated. Agriculture is tolerably well conducted, having been much improved of late years. The corn now produced as more than adequate to the supply of the dep.; in 1825, 2,790,780 hectolitres were harvested. 1,109,780 of which were wheat, and 845,420 oats. Beans, pease, &c. are of excellent quality. Wine is annually made of the value of 9 or 10 millions of france, or about double what is required for home consumption; but it is generally inferior. About 140,000 quintals of hemp, worth 5,600,000 fr., are raised yearly; and liquorice, aniseed, corlander, angelica, truffies, &c. are cultivated. The culture of the mulberry-tree is increasing rapidily: in 1835, 42,000 kilog. cocoons were gathered. The chief exports of this dep. are its agricultural products: cattle are not reared in any great number, and most kinds of live stock are inferior. Manufacturing industry is in a rather active state. The woollen, leather, and silk manufactures of Tours have materially increased within the last few years. The file and rasp factory at Amboise employs 160 workmen, and consumes above 200,000 kilog, a year of fine steel. The reanufactures of red lead and iron goods are important; and near Montbason is the royal gunpowder factory and saltpetre refinery of Ripault, at which 250,000 kilog, of gunpowder are made annually. Indre-et-Loire is divided into three arronds., the chief towns of whi

the rift and of six degrees of S. long. I he geography of this river, especially as regards its upper portion, is very imperfectly understood; but we shall endeavour to col-lect into a consistent account the information gained from the investigations of Major Rennell, Moorcroft, Burnes, the investigations of Major Rennell, Moorcroft, Burnes, Elphiustone, and other travellers. As the source of the river has not been visited by Europeans, its situation is at present only a matter of conjecture; but general consent seems to place it on the N. declivity of the Callas branch of the Himalaya range, near the Chinese frontier town of Goroo, and not far from the lake Mansuroura and the sources of the Sutledje. The stream, called by the Chinese Singhe-tachu, takes a general W.N.W. course past Ladak, and receives the larger river Shyook, N.W. of Ladak, whence the united streams run through the country of little Thibet, and after cutting a passage through the great Himalaya range, in lat. 35° 30° N., and long. 74° 30° E., are joined, about 130 m. S. of the mountains, by the Aboo-Seen, and lower down at Attock, where it is 360 yards wide, and both deep and rapid, INDUS.

by the river of Caubul. The river is crossed here by a bridge of boats, constructed like that used by Alexander, and described by Arrian (lib. v. cap. 7.). The bridge is only allowed to remain between November and April, when the river is low; and the construction of it is completed in the course of six days. S. of Attock, the is completed in the course of six days. S. of Altock, the group of monations as far as illarrable, whence the pure same a couthward course to the see, uninterrupted by hills, as countward course to the see, uninterrupted by hills, as the course. In appears, indeed, from the country of the interrupted to the set of the purpose of the interrupted any state of the set of the is completed in the course of six days. 'S. of Attock, the Indus enters a plain, but soon afterwards winds amongst a group of mountains as far as Harrabah, whence it pursues a southward course to the sea, uninterrupted by hills, and expanding over the plain into various channels, which meet and separate again, but are rarely united into use body. The breadth of the river at Kaharee Ghât, in the 900 Set W. was gund to be about 1,000 wards the

gerous. The water is cast with such impetuosity from one bank to the other, that the soil is constantly falling in upon the river, and huge masses of clay hourly tumble into the stream, often with a tremendous crash. In in upon the river, and huge masses of clay hourly tumble into the stream, often with a tremendous crash. In some places the water, when resisted by a firm bank, forms eddles and gulps of great depth, in which the current is really terrific; and, in a high wind, the waves dash as in the ocean. It appears, indeed, from the Report of the State and Ningations of the Index, by Lieuts. Carless, Wood, and Pottinger, notwithstanding the statement of Sir A. Burnes, of there being "an uninterrupted marigation from the sea to Lahore," that banks, bars, &c. offer such great obstructions, as effectually to prevent the river from ever becoming excessively available for the purposes of commerce. Vessels drawing 8 feet water find themselves aground at the very entrance of the Seeta mouth: the employment of ships is out of the question, and the navigation of the doosdees, or small native boats, is so tedious, that no communication of any importance could be kept up between Hyderabad and the sea, except by steamers, the use of which, in a country like Sinde, would be attended with extreme difficulty. There are also political obstacles to using the lindus as a channel of commerce. The people and princes are ignorant and barbarous: the former plunder the trader, and the latter overtax the merchant, so that goods are sent by land and by circuntous routes rather than by the indus, their natural chamel. The tides rise in the mouths of the indus about 9 ft. at full moon, and both flow and ebb with great violence, anticularly mer the sea where ther food and abardon.

INGOLSTADT.

INGOLSTADT, a town of Bavaria, circ. Ratisbon, on the Danube, 23 m. S.W. that city. "The pop. of this ancient and melancholy town is reduced to 9,000 (1839), a number very disproportionate to fits extent. It has recently been restored to the condition of a fortress, by the construction of very strong works on an improved plan. Its old fortifications had withstood sleges from the troops of the League of Schmalkald, from Gustavus Adolphus, and Duke Bernard of Saxe Weimar, and resisted Moreau for three months; but he, succeeding at length, caused them to be demolished. Ingolstadi lost its university, at which the celebrated Dr. Faustus studied, in 1800: it is now transferred to Munich." (Musray's Hamsbook.) It still possesses, however, a royal residence, nine churches, in one of which the Bavarian general, Tilly, was buried, and several hospitals and charitable institutions. It had formerly a considerable manufacture of woollen cloths; but this and its other branches of industry and trade has fallen into complete decay. (Dict. Geog.; Serie, 4:.)

residence, nine churches, in one of which the Bavarian general, Tilly, was buried, and several hospitals and charitable institutions. It had formerly a considerable manufacture of woollen cloths; but this and its other branches of industry and trade has fallen into complete decay. (Dict. Gog.; Seris, 4...)

INNSBRUCK (Fr. Isaprack), a city of the Tyrol, of which it is the cap, on the lnn, 80 m. N. by E. Trent, and 240 m. W. by S. Vienna. Lat. 470 16' 5' N., long. 110' 25' 45' E. Pop. (1846) 12,800. Its situation is highly picturesque. It stands in the middle of a valley, the sides of which are formed by mountains from 5,000 to 8,000 ft. high, and the lnn is crossed by a wooden bridge (whence the name of the city) from which a magnificent prospect is obtained. On and round this bridge one of the severest actions took place during the war of the Tyrolese, under Hofer, against the French. Innsbruck is divided into the old and new towns, and has 5 suburbs. The latter are larger and better built than the city itself, though badly paved. The houses of Innsbruck are mostly 4 or 5 stories high, built in the Italian style, with flat roofs, and are frequently ornamented with shope. The object most attractive to strangers is the Franciscan, or Court church, an edifice containing numerous fine works of art. Among others, is the tomb dedicated to the emperor Maximilian, a splendid monument: it is ornamented with 26 bas-reliefs, representing the principal actions of his life, and is surrounded by 34 colossal bronze statues of persons celebrated in history, including Clovis, Theodoric, Arthur, Charles the Bold, Duke of Burgundy, Godfrey of Bouillon, Rodolph of Habburg, and many of the emperors of Austria, his descendants, &c. Here, also, is the mausoleum of the archduke Ferdinand of the Tyrol, and his wife, also adorned with bas-reliefs; the grave of Hofer; his statue in white marble, &c. There are numerous other churches, several of which are worth notice. The palace, an extensive building, has garden, so were also should be

The Library of the state of the it is an emulation structure, or two sorres, and a sunk floor, flanked with round overtopping towers, and sur-mounted with a square-winged pavilion. There is in the saloon a curious collection of old Highland arms, including some of those used by the Campbells in the battle of Culioden.

including some of those uses by the Campusius in the battle of Culloden.

The family of Argyle was, for a lengthened period, one of the most illustrious in the annals of Scotland. Its chiefs were especially distinguished by their devotion to and support of the great principles of civil and religious freedom. Among other members of the family may be specified the Marquis of Argyle, beheaded in 1661; and his son and successor, who also fell a victim to arbitrary and unconstitutional power in 1685; Wodrow, and after him Mr. Fox in his Historical Fragment, have given singularly interesting accounts of the circumstances attending the trial and execution of the last-mentioned nobleman. The grandson of the first and the son of the last of these noble marryrs, created duke of Argyle and Greenwich, and commonly called the great Duke of Argyle, was celebrated both as a statesman and general. He was commander-in-chief in Scotland, in 1715, and by his conduct on that and other occasions, was of signal his conduct on that and other occasions, was of signal service to the revolutionary establishment. Pope said of his Grace, -

"Argyle, the state's whole thunder bern to wield, And shake slike the senate and the field."

The staple commodity of Inverary is herrings, those of Loch Fyne being celebrated for their superior excellence; but the fishing in the Loch has latterly declined: in 1847 the quantity cured and packed in Inverary amounted to 7,857 barrels.

in 1847 the quantity curved and packed in Inversary amounted to 7,857 barrels.

Inversary was erected into a bor. of barony in 1648. In a garden beside the church is a small obelisk, commemorative of the execution in this place, in 1685, of several gentlemen of the name of Campbell, on account of their adherence to presbyterianism. This bor unites with Campbellou, Oban, and Irvine, in sending a mem to the H. of C.; and in 1849-50 had 29 reg. voters. Edmund Stone, a self-taught mathematician, editor of Euclid's Exements, and author of a Treatiss on Fluxions, and other works, was a native of Inversary. (Bound. Rep.; Wodrows' Hist. of Church of Scotland, passims.)

INVERKEITHING, a royal and parl. bor., par., and sea-port of Scotland, co. Fife, beautifully situated on rising ground on a bay on the N. bank of the Frith of Forth, 10 m. W. N.W. Edinburgh. Pop. of town (1841) 1.827. The town consists of a main street, and a smaller one branching off it, besides several wynds or lanes. Many of the houses are extremely old, and an air of antiquity generally marks the place. The only public buildings are the par. church, a dissenting chapel, the or. school, and the town-house. About 10 in every 100 of the inhab. are, at an average, at school; a larger proportion than generally obtains elsewhere. There are 3 libraries in the bor. The par. abounds with coal, most of which is exported from St. David's, on inverkeithing bay. There belonged to the bor. in 1843, 28 registered vessels of the aggregate burden of 1,256 tons, employed chiefly in the coasting trade. A considerable number of English and foreign vessels resort to Inverkeithing for coal, bringing in exchange bark, timber, and bones for manure. There are in the immediate vicinity of the town, a distillery, tan-work, ship-building yard, a magnesia manufactory, and a brick work.

Inverkeithing was created a royal bor. by William the Lion in the 12th century. Its privileges included right of customs over a considerable district of country lying on the Frith of Forth; but

1N VERLEITHEN, a par. and village of Scotland famous for its mineral well, co. Peebles, 22 m. 3. by E. Edinburgh, and 5 m. E. by S. Peebles. It is situated

Maximilian, who himself commenced this mansoleum, wa after all not buried in it, but at Wieserische Newstadt, in Austria.

in a romantic pastoral country, within \(\frac{1}{2} \) m. of the N. bank of the Tweed, and on both sides the Leithen, a ributary of that river. Pop. of the village, 463; not including summer visitors, the aggregate number of whom, in the season, may be about 1 400. (New Stat. Acc. of Scot., \(\frac{1}{2} \) Peeble-skire, p. 31.) The mineral water has been analyzed, and found to contain, per quart bottle, carbonate of magnesia, 10·2 grains; muriate of inne, 19·4; and muriate of soda, 31. (Ib. 56). The popularity of inverleithen, as a watering-place, was greatly enhanced by the publication (in 1894) of Scott's novel, entitled "St. Ronan's Well," of which it was supposed to be the prototype. A yearly festival has been since instituted at inverleithen, for the celebration of "the St. Ronan's Border Games;" and the name of almost every street, or separate edifice, in the village, such as "Abbotsford Place," "Warerley Row," "Marmon Hotel," &c., refers to the illustrious novelist. Traquair-house, the seat of the noble family of that name, is in the immediate vicinity of inverleithen. The first Earl of Traquair, Lord Treasurer of Scotland in the time of Charles I., was one of the most eminent statesmen of his day. Dr. Russell, author of the History of Modera and Ancient Europe, was born near the village, and was aducated in it. The woollen manufacture has been introduced into Inverleithen. (Crassferst's Officers of State, p. 406. : **Ractory Retweets.** 1839.)

1NVERNESS, a marit. co. of Scotland, and the most extensive in that part of the U. Kingdom: it stretches quite across the island from the E. to the W. see, having N. the Moray Frith and Ross-shire, W. the Atlantic Occan, S. Argyle and Perth, and E. Aberdeen, Banff, Moray, and Nairne. But it includes, exclusive of the

extensive in that part of the U. Kingdom: it stretches quite across the island from the E. to the W. ses, having N. the Moray Frith and Ross-shire. W. the Atlantic Ocean, S. Argyle and Perth, and E. Aberdeen, Banff. Moray, and Nairne. But it includes, exclusive of the mainland, the large island of Skye, with the smaller islands of Harria, N. and S. Uist, Benbscula, &c. Area, 2715,800 acres, of which 1,543,590 belong to the mainland, and 773,760 to the islands; the former having 84,480, and the latter 37,760 acres of water. Inverness-shire is, speaking generally, wild, mountainous, and rugged. It is supposed that there is not more than 2g per cent. of its surface not naturally covered with heath. Ben Nevis, which, next to Ben Macdhu, is the highest mountain in Great Britain, being 4,370 ft. above the level of the sea, is situated near Fort William, in this condealfourony, on the N. side of Loch Ness, is 2,730 ft. above the sea. The arable land, which is of very limited extent, is principally comprised in the low districts contiguous to the town of Inverness, in Strathspey (the low country on bods sides the Sper), and in narrow gleus along the other rivers and lakes. Climate very various; but generally it may be said to be wet and stormy on the W. coast, severe in the interior, and comparatively mild and dry on the shore of the Moray Frith. Principal rivers, Spey, Ness, and Beauly; all which, but especially the first, have valuable salmon fisheries. The arable land of this co. was formerly divided into small patches, having usually a greater or less extent of hill pasture stively poor, idle, and disorderly. But the abolition of having usually a greater or less extent of hill pasture attached to them, and occupied by tenants at will. The latter lived in miserable huts; and were at once excessively poor, idle, and disorderly. But the abolition of hereditary jurisdictions and clanship in 1748, and the carrying of good military and other roads into district that were formerly quite impervious, by enabling the law to be every where brought into full operation, have completely repressed the feuds and disorders that formerly disgraced this and other Highland cos. The small holdings have also been very generally consolidated into sheep-farms, some of which are very extensive, and which are mostly stocked with cheviots. Arable farming has, also, been very much improved; and, in consequence, there has been a very great increase in the quantity of disposable produce, and in the rent and value of the land. Good wheat is raised round the Moray Frith; but oats is the principal crop. The stock of black cattle is very large; and cattle, sheep, and wool constitute there are extensive forests. There are no manufactures of any importance, nor any considerable town, constitute the principal articles of export. In some districts there are extensive forests. There are no manufactures of any importance, nor any considerable town, except inverness. Illicit distillation, that was once very prevalent, is now all but suppressed. Limestone, slate, and marble abound in most places; but the want of coal renders the limestone of little value. Average rent of land, including islands, in 1843, 1s. 284, per acre. Gasslic is the common language; and in the W. parts of the co., and some of the islands, it is the only one that is generally understood. Owing to the thinness of the pop., the co. is but ill supplied with schools, though in this respect, as in others, it is very much impreved.

This co. is divided into two nearly equal portions, by a remarkable gien or valley, stretching N.E. and S.W. from the town of inverness to Loch Linnhe, opposite the island of Mull, on the W. coast. This gien, which is very narrow, consists principally of a chain of lakes, comprising Loch Ness, Loch Olch, and Loch Lochy. Its surface being nowhere more than 94 ft. above the level of the see, advantage was taken of this circumstance, and of the continuous chain of lakes, to open a navigable

communication between the B. and W. seas, avoiding, consequently, the lengthened and dangerous navigation by the Pentland Frith. The entire length of this navigation, or of the Caledonian Canal, inclusive of the lakes, is rather more than 60 m.; but the excavated part is little more than 33 m. It cost about 1,000,000?, and is on a larger scale than any work of a similar class in any other part of the empire. It promises, however, to be a vary unproductive undertaking: and but for the

and is on a larger scale than any work of a similar class in any other part of the empire. It promises, however, to be a very unproductive undertaking; and but for the invention of steam-boats, which were unknown when it was commenced, it would have been nearly useless. Inverness co. has 35 parlabes: it sends I mem. to the H. of C. for the co.; and the bor. of Inverness joins with Fortrose, Nairne, and Forres in sending a mem. Registered electors for the co. in 1849-90, 883. In 1841, Invernessability had 194 highs houses and 67 700 in. Inverness-shire had 19,194 inhab houses, and 97,799 inhabs., of whom 45,538 were males, and 52,261 females. Valued rents 73,1884. Scotch. Annual value of real pro-

Inverness-shire had 19,194 inhab, houses, and 97,799 in-habs., of whom 45,538 were males, and 52,261 femials. Valued rents 73,1884. Scotch. Annual value of real property in 1843, 182,0644.

INVERNESS, the cap. of the above co, and of the Northern Highlands, a royal and part, bor, and sea-port of Scotland, on both sides the Ness, within a mile of its influx into the Moray Frith, and at the N.E. extremity of the Great Glen of Scotland, forming the line of the Caledonian Canal, 112 m. N.W. by N. Edinburgh, and Si m. N. by W. Aberdeen. The situation of Inverness is peculiarly striking and picturesque, standing, as it does, in the middle of a beautiful plain, of unequal extent in different directions, with the Moray Frith on one side, some of which are richly wooded, while others are bleak and rugged. "It is the boast of Inverness to unite two opposed qualities, and each in the greatest perfection; the characters of a rich open lowland country with those of the wildest alpine scenery, both also being close at hand, and in many places intermixed; while to all this is added a series of maritime landscape not often equalled." (M'Culloch's Letters on the Highlands, vol. i. p. 56.) The Ness, on whose banks the borough stands, is perhaps the shortest river in Scotland, flowing between Loch Ness and the Moray Frith, a distance of only 8 m. Pop., in 1841, 11,568; of the town and par., in 1801, 8,782; in 1841, 11,484; tinhab, houses, 3,064.

The most important portion of the town is on the right bank of the Ness. A handsome stone bridge of 7 arches was erected across the river in 1685; there is also a wooden bridge, built in 1868, at an expense of 4,000. The principal streets lie E. or N., and consist generally of more elegant and substantial buildings than are to be found in any other town of the same size in Scotland. The streets, which are lighted with gas, are causewayed and flagged. The inhab. are supplied with water by

found in any other town of the same size in Scotland. The streets, which are lighted with gas, are causewayed and flagged. The inhab, are supplied with water by pipes from the river. The shops, which supply the demand of an extensive district of country, are, in many instances, large and well stocked with goods. The villas in the suburbe are numerous and eigant, and the walks varied and commodious. The public buildings are the Exchange and Town-house, near the centre of the town; the Gaol, surmounted by a tower 130 ft. high; the Assembly Rooms of the Northern Meeting; infirmary, Academy, the United Charity Institutions; which last edifice occupies an elevated situation in the vicinity of the town. With regard to ecclesiastical buildings, the High Church is the most conspicuous; the square tower attached to it was built by Oliver Cromwell, and the bell brought from the cathedral of Fortrose, on the N. banks of the Moray was built by Oliver Cromwell, and the bell brought from the cathedral of Fortrose, on the N. banks of the Moray Frith. There are other two parish churches, in one of which Gaeite alone is used; and two chapels of ease. There are, also, free churches, dissenting chapels, be-longing respectively to the Episcopalians, the United Associate Synod, the Independents, Baptists, Methodists, and Rom. Catholies.

Associate Synod, the independents, hartists, methodists, and Rom. Catholics.

Gaelic was formerly the only language spoken in Inverness and its neighbourhood; and it is at this moment the ordinary speech of the lower orders, all of whom, however, understand and can speak English. It is admitted that the English language is spoken in greater purity by the middle and upper ranks in Inverness than in any other place in Scotland; a distinction which is said, whether correctly or not, to have originated in the circumstance of Cromwell having stationed and long maintained an English garrison in the town. "The soldiers seem to have incorporated afterwards with the inhab., and to have peopled the place with an English race; for the language of the town has been long considered as peculiarly elegant." (Johnsow's Town to the Hebrider.) The Highland character, however, still predominates very considerably in the borough. In addition to the Gaelic language, the speech of the common people, their dress is more or less of Celtic fashion, and of home manufacture, such as the short coat, blue bonnet, plaid their cress is more or less of Cettic lashion, and or nome manufacture, such as the short coat, blue bonnet, plaid rig and fur stockings, all of the coarsest materials. The married women usually walk the streets and go to church without a bonnet; the maidens without either cap or bonnet; while the other parts of their dress are of the most simple and homely description. Inverness enjoys eminent advantages as to education.

The Academy, founded by subscriptions raised in the bor, and elsewhere, is a chartered institution, and one of the most efficient seminaries in Scotland. The old grammar-school, with its endowment, has merged into it. It is provided with a rector, and from 4 to 6 other teachers in the different departments of liberal study. There are various other excellent schools, some of teachers in the different departments of liberal study. There are various other excellent schools, some of which are endowed, including a Free-Church model institution. Rahing's Charity School, attended by about 259 scholns, is a useful institution. An Infant School, which has been in operation for several years, is admirably conducted. The late Dr. Bell, of Madras, left 10,000M. 3 per cent, consols to the magistrates, for the purposes of education. The number of female schools is very considerable; the better ranks in the northern counties generally sending their daughters hither to complete their education. Inverness has, besides, a mechanics' institute; various libraries, both subscription and circulating; two public reading-rooms, several

mechanics' institute; various libraries, both subscription and circulating; two public reading-rooms, several printing presses, and two weekly newspapers. (New St. Acc. of Scot., † Inverness; Educat. Inquiry, Scot.; Parl, Paper, 1837, No. 47.)

The infirmary and the dispensary are the most important of the charitable institutions of the town. On the 36th September, 1849, the principal of the various funds bequeathed for educational and charitable purposes, under the management of the town council of the bor., amounted to 40,0394, 98, 94d. The assessment for the relief of the boor. In 1847, amounted to 2,1724, 144, 10d., of the poor, in 1847, amounted to 2,1724, 14s. 10d.,

relief of the poor, in 1847, amounted to 2,1723. 144. 10d., and the paupers relieved to 777.

Manufactures, in the proper sense of the term, may be said not to exist here, if we except those of lineu, plaidings, and woollen stuffs, and a small hemp manufactory, principally for the making of bagging. Ship-building is carried on to some extent. There are breweries, distileries, and tan-works. With regard to trade, Inverses is the centre of a custom-house district, which embraced, in 1899, 10,857 tons of shipping, and 233 registered vessels; the port of Inverses necessaries about half the vessels. in 1899, 10,857 tons of shipping, and 233 registered vessels; the port of Inverness possessing about half the vessels, and 2-3ds of the tonnage. Customs revenue, in 1848, 6,8924. The town has regular traders, both steamers and sailing smacks, to Aberdeen, Letth, London, &c., on the E. coast; ahe bas a similar communication, by means of the Caledonian Canal, with Glasgow, Liverpool, &c., on the W. coast; and also with Ireland. The canal passes within less than a mile of the bor; and Clachnaharry (pop. 300), where it joins the Moray Frith, is not more fina a mile distant. There are three harbours, one of them for small craft, near the town, the others at the mouth of the river; while the canal wharfs at Clachnaharry and the result of the river; while the canal wharfs at Clachnaharry and the mouth of the river; while the canal wharfs at Clachnaharry and the result of the river; while the canal wharfs at Clachnaharry and the result of the river; while the canal wharfs at Clachnaharry and the result of the river; while the canal wharfs at Clachnaharry and the result of the river; while the canal wharfs at Clachnaharry and the result of the river; while the canal wharfs at Clachnaharry and the result of the river; while the canal wharfs at Clachnaharry and the results of the result more than a mise distant. There are three harbours, one of them for small craft, near the town, the others at the mouth of the river; while the canal wharfs at Clach-naharry are also used for the loading and unloading of goods. Grain, at least oatmeal, used to be imported to Inverness; but oats are now largely exported. Coal, almost the only kind of fuel used, is imported both from England and the Frith of Forth. The imports consist generally of the various articles which the demand of a large district of country requires. The Caledonian Banking Company has its head-office in the town; and here, also, are branches of the Bank of Scotland, the B. Linen Co., and other great banks. The savings' bank had, on the 20th Nov., 1848, 12,8302. deposits. Inverness has several fairs; but the wool fair, in the month of July, attended by all the principal Highland sheep farmers, as well as by wool staplers and agents from England and the S. of Scotland, is the most eminent. Fully 100,000 stones of wool are annually sold at this market; while above the same number of sheep are also disposed of. The prices paid at this fair generally regulate those of all the other markets in the country.

The prices paid at this fair generally regulate those of all the other markets in the country.

Inversess is very ancient. In the 6th century it was the capital of the Pictish kingdom, when St. Columba of lona went thinher, ad ostrem Nesse, with the view of converting the Pictish king to Christianity. An ancient castle stood on a rising ground R. of the town; but it was destroyed in the 11th century by Malcolm III., who built another on a commanding eminence near the river, which continued to be a royal fortress, till blown up, in 1746, by the treops of the Pretender. In verness was erected into a royal bor. by David I.; and various royal charters, confirming or extending its privileges, were subsequently conferred on it. The town was often an object of plunder to the lords of the isles and other Highland chiefs. A monastery, belonging to the Black Friars, existed in this place; but all traces of it have long since disappeared. The citadel referred to above, as constructed by Cromwell, was built in 1852-57. N, of the town, near the mouth of the river. Part of its above, as constructed by Cromwell, was built in 1652-57.
N. of the town, near the mouth of the river. Part of its ruins are still standing. Cuiloden Moor, the scene of the battle that decided the fate of the Pretender, Charles Stuart, is within 3 no. of the town. Since 1745, great improvements have been effected here. Previously to 1755, the post from Edinburgh to Inverness was conveyed by a man on foot! In 1740, the magistrates advertised for a saddler to settle in the bor.; and in 1778 a cart, purchased by subscription, was first seen in the bor. No plan of regularly cleaning the streets was adopted till about the beginning of the present century.

Vot. II.

IONIAN ISLANDS.

Inverness is now, however, superior perhaps to any town of its size in Scotland as to all the necessaries, comforts, and luxuries of life. Corp. revenue, 1848-89, 1,707.13s.7d. This bor. unites with Forres, Fortrose, and Nairoe in sending a mem. to the H. of C. Registered voters, in 1849-50, 47f. (Anderson's Highlands and Islands; Caledonis, vol. 1; and the works already referred to.)

INVERURY, a royal and parl. bor. and par. of Scotland, co. Aberdeen, in the angle formed by the confluence of the Don and Ury, 14 m. N.W. Aberdeen. Pop. of town (1841) 1679; of town and par. 2020. The inhab. are chiefly agricultarists, there being only about 36 weavers in the par. The Aberdeenshire Canal, begun in 1796, and completed in 1807, commences in the tideway of the barbour of Aberdeen, and terminates at Fort Elphinstone, near Inverury. The entire length is 184 m.; the surface width is 28 ft.; the depth 28 ft.; it has 17 locks; and its highest level is 168 ft. above low watermark. Keth Hall, the seat of the Earl of Kintore, who also holds the title of Lord inverury, is in the immediate vicinity of the bor. Arthur Johnston, editor of the Delicies Poctaruss Scotoruss, and who holds the next place to Buchanan among the Latin poets of Scotland, was born in the neighbourhood of inverury in 1987. This bor. unites with Eigin, Banff, Cullen, Kintore, and Peterhead, in sending a mem. to the H. of C. Registered voters in 1849-50, 115. (Boundary Reports; Beauties of Scotland, iv. 430.)

IONIAN ISLANDS, a collection of 7 principal and many smaller islands on the W. and S. coasts of Greece, plying between the 26th and 40th parallels of N. lat., and between the 19th and 22 deg. of E. long., forming a republic moder the protection of Greet Sitiain. The principal islands, with their area, population, &c., are as follows:—

Jalanda.		Area in	Total Pop	p. in 1836.	Allene.	Pop. to
		nq. m.	Males.	Pende.	Ac.	14 ED.
Corfs Cophalonia	-	227 345	\$5,221 34,864	29,836 28,333	9,806	287 189
Zante Santa Massa	:	136	19,675	15,673	1,127	2 46 9.5
Itheca - Cesigo -	:	116	4,919 4,156	4,702	106	219 73
Pane	٠	26	2,361	1,503	223	193
Total	-	1,097	110,516	93,746	12,427	186
			204	,266	l	

These islands, a more minute description of which will be found under their several heads, have, generally speaking, rugged irregular coasts, and a very unever speaking, rugged irregular coasts, and a very uneven surface; berren rocks and heath-covered hills forming nearly half their whole contents. Their geol gical formation is chiefly limestone, disposed in highly inclined strata, intermixed with grey foliated gypsum, and masses of sandstone; and there are few organic remains. The climate is mild, but subject to sudden changes. The strocco, however, makes the heat occasionally oppressive, and the thermometer in summer frequently rises to 320 Rásum. Hurricanes called here (borascas) and earth-quakes are frequent, especially in Zante. There fell, in 1838, 49.04 inches rain. Fine springs of fresh water are abundant on most of the islands. The soil is more favour, and hence more than § of the surface available for tiliage is laid out in currant-grounds, vineyards, and olive plantations, which are all managed with considerable skill. The land is chiefly in the hands of small proprietors, who let it out to tenants on the métager system, receiving half the produce as rent.

The following table has been said to exhibit the employment of the surface, the nature and quantity of the produce, and the average market prices of the different articles in 1836. (Qf. Tables.)

Kind of Produce.	Acres.	Amount of Produce.	Average Price.
Wheat indian corn, bar- ley, &c.	16,137	76,396 bush.	5. d. 5 11 per bush.
Outs Pulse	87,437 5,492 4,530	185,660 — 22,915 — 23,378 —	i i =
Otive oil † • Wine • • Currants •	219,339 119,15%	113,219 barr, 210,147	45 5 per barr.
Cotion	15,740 1,014 1,310	17,980,100 lbs. 37,567 — 74,933 —	11 4 -
Total of land in crop Pasture land .	480,151 44,960	tivated in Corfu, a	et entensivety cul- prapes in Cophalo- in Zanto. Olives Dec., and surrants
Total of avail-	465,111	in the middle of	Sept.

This should certainly be qualities more than the seed. es; if not, the crop was worth

The live stock on the islands, in 1836, consisted of 14,189 horses, 10,366 horned cattle, 95,950 sheep, and 68,826 goats, a number far too small to meet the demands 14,189 horses, 10,366 horned cattle, 95,980 sheep, and 68,326 goats, a number far too small to meet the demands of the pop.: and hence, large quantities are annually imported from Albania and Greece. The manufactures are not important. Soap is made at Corfu and Zante, and the value of the quantity exported, in 1836, is officially estimated at 12,000.: earthenware, silk shawls, goat-hair carpets, coarse blankets, linen cloths, and sacking are also made to some extent. The islands, however, enjoy a considerable share of the commerce of the Mediterranean, owing to their convenient situation for the supply of the neighbouring continent. They import wheat and other grain; chiefly from Odessa, silks, cotton, and woollen fabrics, cured fish, British hardware, and colonial produce, the total value of which amounted, in 1838, to 342,3962; and in the same year, they exported island produce and manufactures (olive-oil, currants, wine, valonia, cotton, salt, soap, and woven fabrics) to the amount of 669,5881. The commerce of the islands is cramped by the high duties laid on exported articles. Their commercial relations will be best understood by the subjoined account of the entries and clearances of shipping in 1838.

Countries.	Inwards.	Outwards.		
Ionian islands English Austrian Russian French Neapolitan Papal states tsardinian Greek Turkish All others	125,230 tons 32,154 23,179 13,548 104 8,600 1,105 2,239 44,169 3,433 1,816	134,667 tons 30,360 — 37,419 — 11,594 — 104 — 3,158 — 2,504 — 46,244 — 3,647 — 2,106 —		
Total	259,542 —	278,001 -		

Total . 269,542 — 273,001 —

These islands possess few manufactures properly so termed. The wives of the villani or peasants spin and weave a coarse kind of woollen cloth, sufficient in great part for the use of their families. A little scap is made at Corfu and Zante. The latter manufactures a considerable quantity of silk gros-de-Naples and handkerchiefs; the art of dying, however, is too little studied, and the establishments are on too small a scale. The peasantry, in general, are lazy, vain, delighting in display, and very superstitious. Those of Zante and Cephalonia are more industrious than the Corfotes; in the first, particularly, their superior condition is probably to be ascribed, in part at least, to the fact that the nobles reside on their estates, and contribute by their example to stimulate industry. In Corfu, the taste for the city life, which prevailed in the time of the Venetian government, still operates to a great degree. The Corfote proprietor resides but little in his villa; his land is neglected, while he continues in the practice of his forefathers, who preferred watching opportunities at the seat of a corrupt government, to improving their fortunes by the more legitimate means of honourable exertion and attention to their patrimony. In this respect, however, a material change or the better has taken place within the last thirty vers.

means of honourable exertion and attention to their patrimony. In this respect, however, a material change for the better has taken place within the last thirty years. The government of these islands, since 1817, has been vested in the high commissioner (who represents the sovereign of Great Britain), the senate, and the legislative assembly, which have jointly the title of the "parliament of the Ionian islands." The legislative assembly consists of 40 mems. 29 of whom are elected by the syncletæ, or nobles of the different islands, Corfu, Co-phalonia, and Zante returning 7 each, Santa Maura 4, consists of 40 mems., 29 of whom are elected by the syncleta, or nobles of the different islands, Corfu, Cephalonia, and Zante returning 7 each, Santa Maura 4, and the three smaller islands sending 4 among them: the other 11 are styled istregal, being officers appointed by the high commissioner. This assembly elects its own officers, fixes the amount of the supplies, and has the power of originating new laws. The senate, consisting of 5 mems. is elected by the legislative assembly out of their own number; but the president is nominated by the commissioner, who likewise confirms the election of the rest. This body is legislative, so far that it has a veto on the proceedings of the assembly; but its chief business is to regulate affairs during the recess of the jegislative body, to decide on matters submitted to it by the commissioner, and to nominate the officers under the general government, subject to the approbation of the commissioner. The assembly and senate are elected for five pears; but may be dissolved at an earlier period, either by the sovereign or his representative, with whom ultimately rests the confirmation, or veto, of every measure, appointment, or proceeding of the general or local government. The separate islands, likewise, have each as council of 8 mems., selected out of a list of 10, turnished by the synthesic, besides whom 5 other active functionaries are nominated by the senate to act as an executive body. The judicial power is lodged in a supreme court at Corfu, comprising 4 ordinary and 2 extraordinary mems., the latter being the commissioner and the president of the senate: of the former, two are

native ionians, nominated by the senate, and two are appointed by the commissioner, who may be either ionians or British subjects. The ordinary mems. decide common causes, and, in case of difference of opinion, appeal to the extraordinary mems. Subordinate to this court are four tribunals on each island, making 21 in the whole, and under these again are justice-of-peace court for minor offences and small civil suits; but the senate and high commissioner may reverse every decision whatwhote and unest tuess again are instance-of-peac Course for minor offences and small civil suits; but the senate and high commissioner may reverse every decision whatever, if they think proper. The samita, or health-establishment, the police, and the army, are under the sole direction of the high commissioner. The public press is, likewise, under the immediate control of the commissioner and senate. The religious establishment consists of an archbishop and bishops, with the vicars or curates of the Greek church, which is the dominant sect. Full liberty, however, is given to the adherents of the Rom. Catholic, Protestant, and other creeds.

The revenues of the lonian islands are principally derived from export duties on oil and currents of 194 per cent., on wine of 6 per cent., and on soap of 8 per cent. at subcrem. The duties on imported merchandise are regulated by a tariff, and all articles not specifically included in it pay an as satorem duty of 7 and 8 per cent. There are no direct taxes. The following is an official statement of the revenue and expenditure in these islands during 1837. —

during 1837 . -

Revenue.		Expenditure.		
Customs Transit duty Duty on oil Do. currants Do. wine and spirits Do. tobacco Do. cattle Stamp duties Port dues Port dues Monopoly of salt and gumpowder Reuts of public property Reuts of public public property Reuts of public publi	483 8,514 45,491 2,491 2,523 2,086 13,726 2,044 8,510 11,592 9,271 4,005	General government Local do, on the sepa- rate islands Contingencies of police and courts of Justice Education Rents of public effices Public works, roads, &c. Public buildings and sulines Stalaries Hospital and other con- Collection of ryvenue Packet service Military protection	41,507 58,648 7,651, 11,330 5,944 16,500 4,842 6,538 9,515 1,982 7,442 24,914	

Owing to the want of an efficient police, and to the gross corruption of the Venetian government, under which impunity might be secured for the foulest crimes, the state of society in the Ionian islands, when they were placed under the ægis of England, was as bad as can be imagined. The inhabitants were at once lary, ignorant, superstitious, cowardly, vindictive and blood-thirsty. Perjury was so common, as hardly to excite attention, and assassination was more frequent than in any other country, Corsica not excepted. But under the vigorous and equal government of Great Britain, a great change for the better has been effected; assassination is now comparatively rare, and the inhabitants are beginning to appreciate the advantages of honesty, fair-dealing, and industry.

Education in these islands has been progressively improving since the efforts of the Earl of Guildford first gave the impulse to the government and inhab. At Corfu there is a university supported by the government, in which instruction is turnished by competent professors in classical and scientific subjects; and the same town contains an ecclesiatical seminary for young men intending to enter the priesthood of the Greek church. Each of the islands has a "secondary" school for instruction in the Greek; Italian, and English languages, writing, arithmetic, &c., and in the chief town of each island there is a central school for teaching reading, writing, and arithmetic. District schools are established in many parts of all the islands. The whole

guages, writing, arithmetic, &c., and in the chief town of each island there is a central school for teaching reading, writing, and arithmetic. District schools are established in many parts of all the islands. The whole educational establishment is under the direction of a commission of public instruction, and the Ionian government makes large annual grants for building school-rooms, providing books, slates, &c.

The only coins properly belonging to the Ionian islands, are a silver 2d. piece and a copper cent; but those mostly in circulation are Spanish doubloons and dollars, and Venetian dollars, received in payment for the produce exported to Spain and Italy. British silver coins are also occasionally met with. The chief standard of weight is the imperial troy pound of 5,760 grains: 40 of these grains make a calco; 20 calci make an ounce, and 12 ounces compose a libbra sottile. The libbra grosse is equivalent to the pound avoirdupois, and 100 of these pounds make a talersto. The English yard is the standard linear measure: 5½ yards make a canto. 220 yards a stadio, and 1,760 yards a mile. The gallon (equivalent to the English gallon) contains 8 dicotoli.

The lonian islands are frequently mentioned in the ancient history of Greece, but only as detached governments, and not under their collective form. After having repeatedly changed masters during the middle ages they at length became the possession of the Ve-

IPSWICH.

metians early in the 15th century. They were thenceforward governed by an Italian procoscul; the Italian
language was generally introduced into public acts
and among the nobles; and Corfu was made the chief
arsenal and port of the Venetian navy. In this state the
islands continued till 1797, when they were seized by
the French, who were confirmed in their possession
by the treaty of Campo Formio. Two years afterwards
they were taken by the Bussians and Turks, and declared an independent republic, under their joint protection. The treaty of Tilist, in 1807, restored them
once more to the French, who retained them till 1814,
when they were yielded to the English. By the arrangements of the Congress of Vienna they were constituted
a republic, and placed under the protection of Great ments of the Congress of Visona they were constituted a republic, and placed under the protection of Great Britain. The constitutional code was drawn up and ratified by the British government in July, 1817. (Tables of Ree.; Pops. Suppl., p. vit.; Part. Rep. 1817-8; Priv. Off. Rep.; Turner's Levant, 1. 99-106.; and Burgess's Levant, vol. 1.

IPSAMBOUL. (See Nuhla.)

IPSWICH, a parl. and mon. bor., river-port, and town of England, cap. co. Suffolk, on the Orwell, 40 m. S. Norwich, and 63 m. N.E. London; lat. 67 4 N., long. 12 N. R. Area of narl. bor. which includes 13 militae.

IPS WICH, a parl, and mun, bor, river-port, and town of England, cap. co. Suffolk, on the Orwell, 40 m. S. Norwich, and 63 m. N.E. London; lat. of 6 m. N. Norwich, and 63 m. N.E. London; lat. of 6 m. Nong. 19 E. Area of parl, bor, which includes 12 entire pars, and parts of 6 others, 7,620 acres. Pop., in 1841, 6,384. The town occupies the foot of a range of hills gradually sloping te the river, which is mavigable up to this point by vessels of 200 tones, and is crossed by a hand-some iron bridge. The streets are irregularly built, and for the most part marrow; but some of them, which are new or have been recently widesed, consist of nest and substantial buildings. On the whole, although containing a great many old-fashioned houses, the town presents a fearishing appearance, and is not only improving, but rapidly extending. It is lighted, chiefly with gas, and the streets are either paved or macadamised. (Mass. Bossed. Rep.) There are 13 par. churches, none very remarkable for architectural beauty, and several places of worship for discenters. The other public buildings are, the town-hall; the shire-hall; the custom-house, a respect-able brick structure on the quay; a commodious market-house, exceted in 1811; the cors exchange; the co. gaol, and the town library, kept, as well as the grammar-school, in and building once a monastery of Black Friars. The grammar-school, which was intended by its founder. Cardinal Wolsey, to form part of a college preparatory to Christ-church, Oxford, was chartered by Queen Elisabeth in 1865. The master receives, for the instruction of 50 free boys (some of freemen), a salary of 1301. a year, and a dwelling-house, and he is allowed to take boserders. A charity-school, for maintaining, clothing, and aducating 16 poor children, two national schools, and a Lancastrian school, farnish instruction to a great many children; and Sunday schools are attached to most of the churches and all the chapels. An institution for the surpers are published in the town.

Ipswich formerly enjoyed a co

IRELAND.

35
were entered in 1848. Ipswich has sent 2 mems. to the H. of C. stroce the reign of Edward I., the franchise, till the passing of the Reform Act, being vested in freemen (by birth, servitude, gift, or purchase) not receiving aims. The boundaries of the old bor. have not been changed. Registered electors, in 1849-50, 1,781.

The ancient name of the town was Gyppensurich, derived from its proximity to the confusence of the Gipping (now converted into a canal) with the Orwell. Its antiquity is proved by its destruction, in 991, by the Danes. In the reign of Edward the Confusence it comprised 800 burgeses. William the Conqueror erected a castle for its protection. Its ancient corporate privileges included admiralty jurisdiction over the river and port of Harwich, which was long subordinate to Ipswich, and a xemption from serving on co. juries or holding co. offices. During the 18th and 14th centuries, this town seems to have been a layoutte resort of monks and seems to have been a favourite resort of monks and clergymen, there being at that period not fewer than 31 churches and 6 religious houses. (Kirby's Suffix Transfer Acc. of Ipsecich; Mun. Bound. Rep.; Mun. Corp. Rep.)

IRELAND, a large and important island of Europe, in the N. Atlantic Ocean. It is situated to the W. of Great Britain, being separated from the latter by St. George's ('hannel on the S., the Irish Sea in the middle, and the N. Channel on the N.: the distance from St. David's Head, in S. Wales, across St. George's Channel, to Carnsore Point, in Ireland, is about 47 m.; the distance from Holyhead, in N. Wales, across the S. border of the Irish Sea to Dublin, about 55 m.; and the distance from the Mull of Cantire, across the N. channel to the opposite coast of Iro-land, about 13½ m. And besides its proximity to England, Ireland has been long politically connected with that part of the empire; and since 1800, when its separate legislature was merged in the imperial parliament, it has formed a principal portion of the United Kingdom of Great Britain and Ireland.

Ireland was called by Aristotle and Strabo Ierne ('liew), by Cassar, Tacitus, and Pliny, Hibernia, and by Mela and others, Juverna; these names being obviously derived from its native or aboriginal name of Ir, Eri, or Erin, whence also the modern name has been deduced. (Cel-

larii Orbis Antiqui, i. 449.)

Ireland is situated between the parallels of 51° 25' and 55° 23' N. lat., and of 6° and 11° W. long. It is of a rhomboidal figure; and though more compact than Great Britain, is deeply indented, particularly on its S.W. and N. coasts, with bays and arms of the sea. Its greatest length between Mizen Head, in Cork, and Fair Head, in Antrim, is about 301 m.; and its greatest breadth from the W. coast of Mayo to the E. coast of Down, is about 182 m.; but in other places the breadth is much less, and there is no part of Ireland above 50 or 55 m. from the sea. Its area is estimated at 32,512 sq. m., of which

985 sq. m. are water.

Face of the Country. — As contrasted with Scotland, or even the greater part of England, Ireland may be said to be a flat country. Still, however, the surface is in most parts much diversified; and even where it is quite flat, the prospect is generally bounded by hills or mountains in the distance. With the exception of the Devil's-bit and Sliebhloom mountains, which the Devil's-bit and Sliebhloom mountains, which run N. E. and S. W. for about 30 m., intersecting Tipperary, and dividing King's and Queen's Countles, most of the other mountains in Ireland are parcelled out into groups, or form only short chains. The principal group is situated in the S. W. corner of the island, in the cos. Kerry and Cork, adjoining the celebrated lakes of Killarney. Gurrane Tual, in Macgillicuddy's Reeks, in this group, the highest mountain in Ireland, has an elevation of \$,404 ft. above the sea. The Wickiew mountains, in the co. Wickiew, on the E. coast of the island, cover a considerable area: Lugnaquilla, the highest, is about \$2,00 ft. above the sea. Some of the gless in this mountain group are celebrated for their beauty. The Mourne mountains in the S. part

36 IRELAND.

of the co. Down, are also of considerable extent; and some of their peaks attain to an elevation of above 2,700 ft. The mountains of Donegal, and those in the N. parts of Leitrim and Silgo, and in the W. parts of Mayor and Galway, constitute a formidable barrier along the N.W. and the greater part of the W. coast and saves at considerable parts. way, constitute a formalise barrier along the N. W. after the greater part of the W. coast, and serve at once to attract the moisture brought from the Atlantic, and to break the fury of the storms from that quarter. Some of the Irish mountains are rugged and precipitous; but the greater number are smooth and rounded, admitting of cultivation a considerable way up their sides, and some-

cultivation a considerable way up their sides, and sometimes to their very summits.

The central portion of Ireland consists of a wast tract
of level land, broken in some places by a few undulsting
hill ranges; but for a great part of its extent nearly an
uninterrupted flat, extending in some parts, as between
Dublin and the Bay of Galway, quite from sea to sea.
This great level consists partly of rich cultivated land;
but it also comprises a wast extent of bog, partly in
Kildare, King's County, and Roscommon, and partly in
Meath, Westmeath, and Queen's County. Though not
continuous, these bogs differ but little in elevation; and
being in many parts separated only by narrow ridges of continuous, these bogs differ but little in elevation; and heing in many parts separated only by narrow ridges of dry land, they have received the common appellation of the Bog of Allen. Several rivers have their sources in this bog, the highest part of which may be elevated about 280 ft. above the level of the sea. There are several very extensive levels in other parts of the country; and some of them, particularly in Tipperary and Limerick, are not inferior in fertility to any iand in the empire. Ireland is very well watered, having to boast of an un-usual number of rivers and lakes. At the head of the former is the Shangon, which as a changel of internal communi-

of them, particularly in Tipperary and Limerick, are not inferior in fertility to any land in the empire.

Ireland is very well watered, having to boast of an unusual number of rivers and lakes. At the head of the former is the Shannon, which, as a channel of internal communication, is not inferior, if it be not superior, to any other river in the United Kingdom. Excepting the Shannon and, perhaps, the Brne, there is no river of any consequence flowing westward. The Blackwater, Suir, Nore, and Barrow, all considerable streams; and the Lee and Bandon, which, though much smaller, have a good deal of commercial importance, pour their waters into the Atlantic on the S. coast; the Slaney, Liffey, Boyne, &c. discharge themselves into St. George's Channel and the Irish Sea; and the Bann and Foyle have their mouths on the N. coast. The Shannon, after rising at the base of the Culkeagh mountain, in Ulster, runs through the centre of the Island, traversing, or, rather, expanding into the lakes Allen, Ree, Derg, &c.; and, after nearly insulating the prov. Connaught and co. Clare, falls into the Atlantic, by an estuary of great length and width. This fine river is navigable for 214 m., or throughout its entire course, except about 6 or 7 m. above Lough Allen. (See SEANNON.) The Blackwater or Broadwater is the chief river of Munster: it rises on the confines of Limerick and Kerry, and soon assumes an E. direction, which its generally preserves till about a dosen m. from its mouth, when it turns suddenly S., and falls into the ocean at Youghal harbour. Its course may be estimated at about 100 m. The tide rises a high as Cappoquin, to which point it is navigable. Mallow, Fermoy, Lismore, and Youghal, are on its banks. The Suir rises in the Suchi particularly, holds its course is subserved to the Blackwater. It then turns E., and ultimately falls, together with the Earrow, into the sextuary terme water of the Blackwater is the course of reland. Vessels of 500 tons come up it to Waterford; besides which city, Carrick, Clonmel,

bane, Lifford, St. Johnstone, and Londonderry are on the Foyle, which is navigable to the latter city for the largest class of merchantmen, and to St. Johnstone for barges. The Erne, Arrow, Moy, Kenmare, &c. require no particular notice.

Ireland is more remarkable for the number and extent of her lakes, or, as they are there called, longske, than either Scotland or Eugland, though they must, perhaps, in general, yield to those of the sister island in point of picturesque beauty. Lough Neagh, in Uisler (which see), ranks pretty high among the secondary European lakes, inasmuch as it exteads over about 100,000 acres. Lough Erne, co. Fermanagh, consists of two considerable lakes, connected by a winding strait, on an island in which the town of Enniskillen is built. Both these lakes are full of islands, some large and thickly inhabited, many well wooded, and the whole so disposed, and accompanied by such a diversity of coast, as to form a vast number of rich and interesting prospects. Loughs Corrib, Mask, and the lakes of Killarney, so celebrated for their surrounding scenery, are the other principal lakes. (See Killarney, so celebrated for their surrounding scenery, are the other principal lakes. (See Killarney, so as aiready seen, at 450,399 acres; of which, 33,474 acres as included in Leinster, 44,652 in Munster, 183,796 in Uister, and 194,477 in Connaught.

The torai rough is also often applied in Ireland to arms of the sea nearly enclosed on all sides by the land, and frequently forming commodious harbours. Of these, the most celebrated are Loughs Foyle and Swilly on the N., and Belfast and Strangford on the E. coast.

The lrish coast, particularly on the W. and S. W., is deeply indented with numerous Bays, gulphs, and arms of the cocaan, forming some noble havens. Ireland has been yaquely said to possess, in all, it harbours for the largest ships, 17 for frigates, and from 30 to 46 for coasting vessels, independent of all effects of the sea number of the largest harbours of Cork (one of the first has no good harbour; the principal inlets on that side being, exclusive of Loughs Strangford and Belfast, the bays of Courtmecksherry. Cloghnakilty, &c. The R. coast harbours of the harbours of Cork (one of the finest in Europe), water for the previo

IRELAND.

mayo, and other parts of the w. Caly-may, emapse, primitive greenstone, and limestone, are the other chief primary and transition rocks. Limestone is a very prevalent formation, it being found over the whole country, except in a few of the N. and W. counties; in many places annatsone protrudes through it in the form of knolls. In the N., the trap-field of Antrim, the largest basalitic formation in Europe, extends over an area of 800 sq. m., and presents, in the Giant's Causeway, ct., the finest specimens of columnar basilt. No tertiary beds, containing shells, &c., like those of the London and Paris basins, have been discovered; but the limestone in most parts abounds with fossil remains. Coal, that most valuable of fossils, is found in the S. and E. The principal coal-field is that of Kilkenny, which rests, like the great coal formations of England, upon mountain limestone; the other coal-fields are those of the cos. Tipperary, Cork, Kerry, Limerick, Lough Allen in Lettrim, Monaghan, and another in Ulster, N. of a line-drawn between Dublin and Galway. Little coal is, however, raised; the produce of the Kilkenny coal-field, according to the return in the Railway Report, not exceeding \$6,000 tons coal, and \$3,800 tons culm. The coal that is raised is also very inferior. In fact, Dublin, Belfast, Cork, and all the principal Irish towns, are supplied with coal from Great Britain. Iron is found in many parts of the country; and the great increase of tron-works in Ireland, (p. 180.) But these having been exhausted, and coal not having been found of such quality and in such quantity as to supply the deciciency, the Irish iron-works have been almost wholly abandoned. In Donegal and Galway, statuary marble, nearly equal to that of Italy, is found; and the black and groy marbles of Kilkenny are much prized, and exported to a considerable extent. There are copper and lead mines in Cork, Kerry, Wicklow. Indeed, some stream-works were wrought in the latter co., on account of government, previously to the robellion in 1798; with coal from Greek Britain. Iron is found in many parts of the country; and the great increase of tron-works in the earlier part of the 17th century is said by Boate to have been a principal cause of the destruction of forests in Ireland. (p. 120.) But these having been exhausted, and coal not having been found of such quality and in such quantity as to supply the deficiency, the Irish iron-works have been almost wholly abandoned. In Donegal such quantity as to supply the deficiency, the Irish iron-works have been almost wholly abandoned. In Donegal are such prized, and exported to a considerable extent. There are copper and lead mines in Cork, Kerry, Wichor, and other places. The copper mine of Allilies, they are defined to a considerable extent. There are copper and lead mines in Cork, Kerry, Wichor, and other places. The copper mine of Allilies, they are a considerable extent. There are copper and lead mines in Cork, Kerry, Wichor, and other places. The copper mine of Allilies, they are also an interest of gold and dilver have been found in Wicklow. Commenced by government, previously to the rebellion in 1798; and it is said that as much gold was obtained as paid the expense. But some mining operations in Wicklow, commenced by government early in the present century, having failed, all attempts to obtain the precious metals have been since entirely abandoned. Copper is the only metal which at present appears to repay the labour and expense of raising it: the ore is mostly sent to Wales to be smelted. Antimony, manganese, expending of excellent quality, fullers' earth, gpps. Michael and the commenced by any and the companies of the country, which are capable of furnishing an expense of raising it: the ore is mostly sent to Wales to be smelted. Antimony, manganese, expending of excellent quality, fullers' earth, gpps. Michael and the country of the entire surface, or the country of the entire surface, or the country of the entire surface of the uphas and the country of the entire surface of the uphas. The de

sition of Ireland in respect of the Atlantic, it must necessarily be always distinguished for humidity. The average quantity of rain in a series of years was found to 23 inches annually in Cork, and 31 in Derry. The changes of the seasons, and of the weather generally, are a good deal more uncertain even than in England; and the business of agriculture is proportionally hazardons. Thunderstorms are less frequent and destructive in Ireland than in Britain. The mean temp, of the N. of Ireland is about 46°, of the middle 50°, and of the 8. Reven 14° 50° and 30° 50°, the mean being about 45°. Peaches, grapes, and most other southern fruits do not ripen without much care and attention; but the broadlesved myrtle grows luxuriantly in the 8. counties, and the arbutus is not native to any other country so remost from the equator.

The geology of Ireland differs greatly from that of England, and in a general point of view rather resembles that of France; i reland being, like the latter, a beain surreunded by mountains, and others in the N. are composed chiefly of granite, mica-slate, grauwacké, low micountains, and it is found, together with goiss mica-slate, hornblends, quarts, old red anothone, &c. in Mayo, and other parts of the W. Clay-slate, felspar, primitive greenstone, and lime the other chief primary and transition rocks. Limestone is a very prevalent formation in Europea, extended over an area of 800 sq. m., and presents, in the Giant's Causeway, &c., the finest moretimen of columnar basilt. No tax that the remained the more than the present extent. (See Paste's Nat. Heit. of Ireland of these extensive beauties of the surface of its woods, which, in fact, were both numerous and 600 sq. m., and presents, in the Giant's Causeway, &c., the finest moretimens of columnar basilt. No tax the proper is a few of the surface of invented and attempts have been made to about the primary and transition rocks. Limestone is a very prevalent formation in Europe, extende over an area of 800 sq. m., and presents, in the Giant's pp. 118—137., ed. 1602.) The drainage and cultivation of these extensive portions of the surface of Ireland have long been regarded as objects of great national importance, and frequent attempts have been made to show that they might be effected at no very great expense. But there are but few examples in any part of the island, and those under very peculiar circumstances, of successful bog cultivation. The attempts to drain the bogs hitherto made in Ireland have not been very successful; and even had they succeeded, it is doubtful whether the bogs would have produced any considerable return. It is, indeed, by no means clear, supposing them to be quite dried, that they would not, in most instances, be rendered still more worthless than at present. (Walagleid, 1.106.)

The bogs are not, however, without their value; they supply the inhabitants with fuel. In those parts, indeed, where bogs are scarce, they are the most valuable properties in the country. In not a few localities, they have been wholly cut eut; and where this is the case, and other bogs are not easily accessible, the inhabs, have sustained great privations from the want of fuel.

it is now, however, nearly extinct. The numbers of to be ascribed to the great humidity of the soil amout deer have greatly declined with the clearance of the climate. The toad is, however, said to be not with at forests, and the progress of cultivation. The native trish horse is seldom more than 15 hands high, very hardy and sure. footed: it is used for all kinds of labour. A large blood-horse is reared extensively in Meath, and its to be found in most of the rich grazing counties. The native Irish cattle, a breed with short legs, large bellies, and white faces, have been, to a considerable extent, superseded by the introduction of the Holderness, Staffordshire, and Devonshire breeds, either pure or crossed. As compared with Rngland, but few sheep are raised in Ireland. The native Irish sheep is small, and covered with nearly as much hair as wool; but it is now uncommon in a pure native Irish sheep is small, and covered with nearly as much hair as wool; but it is now uncommon in a pure state, having been crossed with various English breeds. Most of the Irish sheep are at present long-woolled, and are usually of large size. A breed of fine short-woolled sheep is peculiar to the mountains of Wickiow. Costs are very generally kept, and hops are universal. The native Irish hogs are of the worst possible breed, being tall, lengthy, and narrow in the loins; but improved breeds are now common: they are fattened principally with potatoes, and one or more is to be found in every house. Every body is acquainted with the story of St. Patrick having extirpated reptiles from Ireland. And there is this much of foundation for the legend—that neither of the three species of snakes found in England is met with in the country, a circumstance which is most probably

erly, a great want of wood in most parts of Ireland. And, however rich the soil, the appearance of the country is, in most parts, indicative of the poverty and depressed condition of the bulk of the pop. Generally speaking, what are called farm-houses and offices in England, do not exist in Ireland, and the aspect of the cottages, which, in the wast majority of instances, are of the most wretched description; the smalness of the fields, which, instead of hedges and ditches, or stone fences, are usually divided by turf dykes; and the badness of the horse furniture, and of the agricultural fences, are usually divided by turf dykes; and the bad-ness of the horse furniture, and of the agricultural implements, all impress the traveller with the most unlavourable convictions. But, how mortifying soerer the contrast between the excellence of the soil and the state of the people, it is some satisfaction to know that it is less striking now than formerly. In many dis-tricts, a considerable advance has been made towards a better order of things; and the spirit of improvement has begun to scatter its seeds and spread its roots in most parts of the country. We subjoin—

A Table of the Provinces and Counties of Ireland, specifying the Number of Baronies and Parishes, the Extent of the cultivated and uncultivated (Bogs and Mountains) Land, Planetations, Towns, and Water in each Co. and Prov.; with the Population of each in 1841, and the Number of Acres of Land corresponding to each Person.

Provinces and Counties. No. of Parlables. Parlables.	Territoria	D	visions.				Area wb	erect			1	Acres of
Carlow			Baro-	Par-			Plantations.	Towns-	Water.		pulation in	Land cor- responding to each Person.
Carlow	Latveren	-1										
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Rings		- 1			356,787	51.854	8.288		1,017	418,436	114,488	3-645
Rings		-1	11	140		21,126			3,056			2.202
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Tyrens - 4 42 450,286 511,861 11,981 710 51,796 806,640 512,956 2:475 Totals - 70 591 3,407,539 1,764,570 79,785 8,790 214,956 5,475,436 2,586,575 2:904 Convaluent. Calvey - 18 120 742,805 708,000 22,718 1,801 90,800 1,468,354 440 198 2:355 Leitrin - 5 17 845,350 115,899 3,396 - 842 52,748 392,-65 155,297 2:75 Mayo - 9 73 497,487 802,199 6,792 765 29,746 392,-65 155,297 2:75 Resconsission - 9 58 490,587 180,299 6,792 765 29,276 607,599 2:55,591 2:950 Totals - 47 509 2,320,960 1,906,002 48,540 3,877 212,864 4,399,045 1,418,859 2:945		-1		1 22	249,428	114,847	6,100	****	10,700	407,190	100,481	
Tyrens - 4 42 450,286 511,861 11,981 710 51,796 806,640 512,956 2:475 Totals - 70 591 3,407,539 1,764,570 79,785 8,790 214,956 5,475,436 2,586,575 2:904 Convaluent. Calvey - 18 120 742,805 708,000 22,718 1,801 90,800 1,468,354 440 198 2:355 Leitrin - 5 17 845,350 115,899 3,396 - 842 52,748 392,-65 155,297 2:75 Mayo - 9 73 497,487 802,199 6,792 765 29,746 392,-65 155,297 2:75 Resconsission - 9 58 490,587 180,299 6,792 765 29,276 607,599 2:55,591 2:950 Totals - 47 509 2,320,960 1,906,002 48,540 3,877 212,864 4,399,045 1,418,859 2:945		-1		1 22		190,103		1,309	10,321	710.747		1.464
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Leiteria	CONNADORT.	- (l			l l			
Mayo 9 73 497,827 800,111 8,340 848 65,976 1,363,832 888,837 5-389 886,807 6 41 290,696 151,743 6,134 460 12,740 461,753 180,856 2,482 Totals 47 209 2,220,800 1,906,002 48,540 8,877 212,864 4,599,045 1,418,859 2,945	Galway -	٠,	18	190	742,805	7,08,000	23,718		90,030	1,556,854		2.322
Rosconsmen		-1		17	749,350	110,809	3,396		33,748		155,897	
Bligo - 6 41 290,696 151,723 6,154 460 13,760 461,753 180,856 2482 Totale - 47 209 2,220,360 1,906,002 48,540 8,577 212,864 4,599,045 1,418,859 2945		•		73		190,400	5,300		00,3/0		355,557	
	Hoscommon Bligo -	:			\$90,696	151,713	6,134			461,753	180,886	
Comp. (Comp.) True 0.470 15.454 900 6.965 775 974 489 45 480 470 985 90 900 971 8.155 194 9465	Totals	-1	47	309	2,220,960	1,906,002	48,540	8,877	212,964	4,392,045	1,418,859	2-945
	General Total:	١.	316	2,532	13,461,300	6,296,735	374,482	42,929	630,825	20,808,271	8,175,194	2468

Population.— The first authentic account of the popof Ireland is given by Sir William Petty, in his tract entitled the Political Anatomy of Ireland. Sir William was
employed by government to superintend the survey and
valuation of the forfeited estates, instituted during the
protectorate; and so well did be execute his task, that
his survey continues, after the lapse of near two centuries, to be the standard of reference in the courts of
law as to all points of property. He had, therefore, the
best means of obtaining accurate information with respect to the numbers and condition of the people; and,
as the results of his researches on these points are exceedingly curious, it is best to give them in his own
words.

reason of their quality and estates, above the necessity of corporal labour; so as there remains 750,000 labouring men and women, 500,000 whereof do perform the present work of the nation.

work of the nation.

"The said 1,100,000 people do live in about 200,000 families or houses, whereof there are about 16,000 which have more than one chimney in each, and about 24,000 which have but one; all the other houses, being 160,000, are wretched nasty cabins, without chimney, window, or door-shut, even worse than those of the savage Americans, and wholly unit for the making nerchantable butter, cheese, or the manufactures of woollen, linen, or leather. leather.

coedingly curious, it is best to give them in his own words.

"By comparing the extent of the territory with the number of people now in Ireland (1762) is about 1,100,000; vis. 200,000 English, Scotch, and Welsh Protestants and 800,000 Papits; whereof i-4th are children unfit for labour, and 75,000 of the remainder are, by France there are but four, and in Holland scarce

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one!" (Polit. Anat. of Ireland, pp. 114, 118, ed. |

ene!" (Pols. Amst. of Ireland, pp. 114. 118. ed. 1719.)
In 1731 an inquiry was instituted by order of the House of Lords of Ireland, for ascertaining the popthrough the medium of the magistrates and established clergy, the result of which gives a pop. of 2,010,221. At this period, and for long after, ireland was essentially a grasing country. To such an extent, indeed, was the pasturage system carried, that in 1727, during the administration of primate Boulter, a law was made to compel every occupier of 100 acres of land to cultivate at least 5 acres, under a penalty of 40s. 1

According to the returns of the hearth-money collectors, which are believed to have been pretty accurate, the number of houses in Ireland in

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| Remain | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 157 | 20.5, 1
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1785 — 630,000 lanes of . 5,500,000 lanes of . 5,500,000 lanes of . 701,100 lanes of . 702,100 lanes of . 702,100 lanes of . 702,100 lanes of . 702,000 lanes of . 70 that has always prevailed in Ireland of dividing property, whether freehold or leasehold, equally amongst the children. This pernicious practice has, in fact, done children. This permicious practice has, in fact, done more than any filing else to stimulate early marriages, and the increase of the pop., and to bring about that stependence on the potato, and that minute division of the land, that are now the grand sources of the misery of the country, and the most formidable, by far, of all the obstacles to its improvement.

Considering the extent of bogs in Ireland, the backward stale of its agriculture, the deficiency of manufactures and trade, and the fowness of the yreat town, its

Considering the extent of bogs in Ireland, the backward state of its agriculture, the deficiency of manufactures and trade, and the fewness of the great towns, its pop, is assonishingly dense. There was, in fact, in Isla at an average of the entire kingdom, an individual for every 2468 acres; whereas, in England, notwithstanding the number and magnitude of her great towns, and the vast amount of her manufacturing and commercial pop., there were 2216 acres for every individual; and in Scotland there was only one individual to every 7:228 acres! This wonderful density of pop. in Ireland is entirely ascribable to the interminable division and subdivision of the land, and the general dependence on the potato. But, however it may have originated, there can be no question that it is the immediate cause of the abject poverty and depressed

and the general dependence on the potato. But however it may have originated, there can be no question that it is the immediate cause of the abject poverty and depressed condition of the great built of the people. It is not too much to say that there are at present (1850) more than double the number of persons in Ireland than it is, with the existing means of production, able either fully to employ, or to maintain in a moderate state of comfort.

Reval Economys—Ireland, generally speaking, may be said to be a country of small farms and cottier cultivation. Few of the tillage farms extend to 40 acres; the great majority being about 5 acres, and varying from 5 to 10 and 15 acres. It is obvious that farms of this size cannot, except under peculiar circumstances, be well cultivated. They are too small to admit of a proper division of labour, or rotation of crops; at the same time that, owing to the poverty of the occupiers, the stock and implements are of the most inferior kind. Drainage, though the most essential of all improvements, is all but unknown to the greater number of Irish farms; and, in the smaller class of occupancies, the potato, owing to the neighbourhood when they are not fully occupied at home, they acquire lazy, careless habits. In consequence, many of the most ordinary operations of husbandry, such as the cutting down weeds, and even the harvesting of corn and potatoes at the proper time, are neglected; and, on the better class of farms, about twice the number of and potatoes at the proper time, are neglected; and, on the better class of farms, about twice the number of

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Isbourers are said to be required for their cultivation that would be necessary in England or Scotland.

There being few, and those only inconsiderable, manufactures in Ireland, not less, perhaps, than 4-5ths of the pop, directly depend for employment and subsistence on the soil. The competition for small patches of land is consequently very keen, and the rests greater than the occupiers can afford, though not greater than might be paid for them, were they consolidated into proper size land, in fact, the possession of a piece of ground has long been a condition all but indispensable to existence; and we need not, therefore, wonder that the occupiers and we need not, therefore, wonder that the occupiers and in the greater part of Ireland, it is a snecessary to the quiet possession of the land to secure what is calien the tenant's right, or the good-will of the occupier, as it is to make a bargain with the landiord. Any tenant who should neglect this indispensable precaution would run a great risk of being disturbed in, or violently ousted from, his possession. Indeed, most of the disturbances by which Ireland has been so long agitated and disgraced have been of an agrarian character, or have been directly or indirectly connected with the occupier, of the land.

It is not necessary to enter into any lengthened disthe lar

It is not necessary to enter into any lengthened disquisitions as to the various circumstances which have led to that minute parcelling of the land that is the bane and curse of Ireland. The greatest influence is no doubt, as already stated, to be ascribed to the dependence on the potato, and to the habit of providing for the sons, and potato, and to the nabit of providing for the sons, and sometimes, also, the daughters of the occupiers of land, by giving them shares of their father's holdings. Had there been a poor-law in Ireland as in England, compelling the landlords to provide for all residents on their catates, in the event of their becoming unable to provide for themselves, the landlords would, it is most probable, have long since devised means for checking the progress of orbidistics. But having no excitence the content of the content have long since devised means for checking the progress of audivision. But, having no motive of this sort, and believing that the rents promised them by the small occupiers would be paid without any deduction, they either sanctioned or connived at the practice, till it had well nigh parcelled out the whole country into miserable patches, and filled it with a redundant and beggarly population. Latterly, however, they have become fully aware of the peractice, and have, in many instances, exerted themselves to check it, and to consolidate the small patches into considerable farms. Their efforts to bring about these desirable results have been facilitated by the operation of the act against sub-letting, passed in 1825; and the introduction of the assessment for the support of the poor has, also, made them more anxious to hinder the too minute division of their estates, and their occupancy by parties likely to become paupers. parties likely to become paupers.

It is unfortunate that in Ireland the introduction even

It is unfortunate that is livialed the introduction even of an improved system cannot be effected without inflicting, at least, a temporary injury upon a great many persons. The ejectment of cottlers and other small occupiers from their patches of land, has, in some parts, occasioned much irritation and distress; and has been occasionally, perhaps, gone about with an unnecessary degree of harshness. But, though liable to abuse and to all sorts of misrepresentation, this is the line of conduct that is most likely to prove in the end of advantage to the country. We believe, indeed, that we might go further and say that no other can be of any material service. No real improvement need be looked for in Ireland till the hordes of paupers that are hutted upon the land ther and say that no other can be of any material service. No real improvement need be looked for in Ireland till the hordes of paupers that are hutted upon the land have been removed from it; and, speaking generally, no clamour can be more completely unfounded than that which has been raised against those landlords who have acted upon this conviction. They are the best friends to their country. It is no doubt the duty of a landlord who is endeavouring to clear his estate of its surplus inhab, to carry out his plans in the way least likely to be oppressive upon the parties to be removed, and to assist them, in as far as he may be able, in emigrating, or in establishing themselves in some other locality. It is not, however, always in the power of a landlord to do this; and we do not know that government could expend some portion of the public money more advantageously than in facilitating the settlement of the ejected parties in the colonies. As it is they very frequently either find their way into the towns where there is no demand for their services, or come to Britain, into which their immigration is a very serious evil. It is, indeed, surprising that no public aid should hitherto have been given to emigration from Ireland. At present it is extensively carried on; but the parties who emigrate are not generally those who could best be spared. The small occupiers are by far the most redundant class; and they are precisely those who have the least ability to carry themselves to

the colonies, or those parts where they might be able to

the colonies, or those parts where they might be able to maintain themselves.

A good deal of what is peculiar in the mode of occupying land in Ireland has grown out of the circumstances under which it was originally acquired by the ancestors of its present owners. About 9-10ths of the land was forfeited under Cromwell and William III.; and this vast amount of property was mostly either gratuitously bestowed upon, or was acquired at a very small sacriface by, noblemen and gentlemen of fortune and influence in England. Such persons could not be expected to leave England to reskie in Ireland; and, in point of fact, they very rarely visited their estates in the latter, but astisfied themselves with taking what rents they could get for them. There was no sympathy between them and their tenants: the religious and political principles of one party were opposed to those of the other. The landlords looked upon their tenants as a sort of unwilling bondsmen, who, if any favourable opportunity should present itself, would immediately shake off their dependence on them; and the tenants regarded the landlords as usurpers unjustly intruded on the estates of others, and as senemies to the religion and rights of the Irish people. Very few had, or could be expected to have, any confidence in the stability of such a state of thaye, any confidence in the stability of such a state of thaye, any confidence in the stability of such a state of thaye, any confidence in the stability of such a state of things; and it could not be expected that landlords should care much about the permanent interests of such estates, or that they should lay out any considerable sum on their improvement. To build a farm-house or offices was an outlay which, for a lengthened period, no Irish landlord errer incurred; and even to this day the old habit maintains an ascendancy, and the great majority of landlords lay out little or nothing on buildings. In consequence of this practice, and of the general smallness of the holdings, and the poverty of the occup

The circumstances thus shortly stated, as to the acquisition of landed property in Ireland, account for the introduction of middlemen, and for the prevalence the introduction of middlemen, and for the prevalence of absenteelsm, and of partnership tenures. Nothing could be more natural than that an English gentleman, possessed of an irish estate, should prefer letting it for a round sum to a middleman, allowing the latter to transact with the occupiers. This relieved him from an unpleasant duty, for which, most probably, he was wholly unfit, and gave him a certain income with little comparative trouble. It is true, however, that a middleman, having no permanent interest in the soil, or in the welfare of the estate or its occupiers, will look only to temporary advantages, and will be more likely than a landlord to harass the cultivators, and to squeze out of them all that they can possibly afford. Hence it is that, speaking generally, it is bad policy for proprietors to resort to the agency of middlemen; and they are rarely employed, except, as in the case of Ireland, property be supposed to be insecure, or it be very difficult or inconvenient for the landlord to deal directly with the occupiers. In Ireland, too, the injurious consequences naturally re-In Ireland, too, the injurious consequences naturally re-sulting from the employment of middlemen were mate-rially aggravated by the state of the law; which authorised the landlord, in the event of the bankruptcy of a middle-ment to have the counters had suit that pract to the

the landlord, in the event of the bankruptcy of a middle-man to whom the occupiers had paid their rents, to come upon the latter, and to force them to pay their rents over again to him! The sub-letting act obvilated this injustice; and no landlord, who has let an estate to a middleman, can now come upon a sub-lenant with a demand for rent bons fide paid to his immediate superior. It should, however, be observed, that these remarks apply only to the employment of middlemen who have leases of a reasonable length. But many, perhaps we should say the majority, of Irish middlemen, hold under very long leases; and when such is the case they are to be regarded as the real landlords, and have all their interests and feelings.

we regarued as the real landlords, and have all their interests and feelings.

Much has been said about the injustice done to Ireland by the absence of many of her great proprietors. But, in point of fact, several of the absence estates, as those of the Marquis of Hertford, the Duke of Devonshire, Earl Fitswilliam, &c., are the best managed, the least subdivided, and most prosperous of any in the country. Besides, whatever might have been the case formerly, absenteeism is not at present more prevalent in Ireland than in Scotland or the N. of England, a pretty conclusive proof of the hollowness of the complaints with respect to it. The truth is, that it is not that many of the Irish landlord have been absentees, but that, whether absent or resident, they have too generally acted as if the improvement of their estates, and the prosperous condition of the occupiers, were matters with which they had little or no concern, that the depressed and backward condition of the country is to be ascribed.

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The same circumstances that occasioned the employment of middlemen seem also to have led to the still more baneful practice of letting lands in partnership to a number of tenants, sometimes, indeed, to a whore village, made conjointly and severally liable for the rent, it is needless to repeat what we have elsewhere stated (Vol. I. 183.) as to the pernicious influence of this mode of occupancy. Nothing can be imagined more destructive. Wherever it prevails it forms an insurmountable obstacle to all improvement. But though it have prevailed, and still prevails, in many very extensive districts, especially in the wilder and more mountainous parts of the country, we are glad to have to state that it is generally on the decline.

A system which has received the name of cos-score is very prevalent in most parts of breland, but especially in Connaught. By con-acre is meant a pernicious cuatom, prevalent among the landlords and occupiers of the larger class of farms, of letting to the peasantry, or cottlers, small stips of land, varying from a perch to half an acre, for a single season, to be planted with potatoes, or cropped. Old grass land is frequently let out on this system; and then it is usual to allow the surface to be pared and burned. An intelligent witness examined by the agricultural committee of 1833, (Thomas S. Lindsay, Eq.) stated, that, when he left Mayo, "the country appeared as f it were all on fare; I should say that 1-oth part of the surface of the co. is either burning, or now covered with ashes." The rent got for land subjected to this absalve treatment is enormous, running from 7t. to 12t., or 13t. an acre! Potatoes are invariably planted on con-acre hand, when it is broken up from subjected to this abusive treatment is enormous, running from 7t. to 12t., or 13t. an acre! Potatoes are invariably planted on con-acre land, when it is broken up from grass; and afterwards it is usual to take from it successive crops of corn, fill it be reduced to a capus mortusum, when it is left to be recovered by the vis medicaint's nature! Wherever this practice exists, there cannot, of course, be the least improvement; and nothing but the extraordinary fertility of the soil could enable it to produce any thing under so destructive a system. (Agricul. Committee of 1833, Min. of Evid., p. 333, &c.) In many parts, the entire dependence of the peasantry being on these con-acre lands, when the crop fails they are reduced to the extreme of distress, and have rarely any choice between starvation and begging. mis they are reduced to the extreme of distress, and have rarely any choice between starvation and begging, unless it be to enlist under the banners of Captain Rock. Con-acre tenants dare not remove the crop from the ground without permission, which is seldom granted till the rent be paid. In most cases they are allowed to

the ground without permission, which is seldom granted till the rent be paid. In most cases they are allowed to abandon the crop for the rent; but this is an alternative they make every sacrifice to avoid, as it involves the loss, not merely of their labour, but of their only means of supporting themselves during the ensuing season. It must, however, be borne in mind that, though the previous remarks apply to the agriculture of Ireland taken as a whole, they do not apply to every estate, or even to every considerable district. Generally, it is most advanced in the eastern and northern counties, and is most backward in the S. and W., especially the latter. But in all the provinces some parts are much bester cultivated than others; a few large estates still consist of pretty considerable farms; and the buildings upon and cultivation of some farms, occupied by landlords and principal tenants, would do no discredit to any part of the empire. These, however, are but exceptions, which pretty considerable farms; and the buildings upon and cultivation of some farms, occupied by landlords and principal tenants, would do no discredit to any part of the empire. These, however, are but exceptions, which it is to be hoped will every day become more numerous, to the ordinary state of things. The leading features of Irish agriculture are such as have been already delineated. No doubt, however, a spirit of improvement has insinuated itself into most quarters, which, notwithstanding the formidable difficulties in the way, can hardly fail to gather strength. The landlords, on whose conduct so much depends, are, as already stated, becoming more alive to their real interests. And their esneitiveness in this respect will, there is reason to think, be increased by the act now in force for promoting the sale of encumbered estates. A considerable number of these have already been brought into the market, and more will follow. And the new landlords, being comparatively free from embarrassments, and probably, also, from the prejudices by which their predecessors were influenced, the presumption is, that they will act on different and more enlarged views. It is to be hoped that, despising the misrepresentations to which they may be exposed, they will set their face firmly against the farther subdivision of the land, and that they will embrace every fair opportunity of consolidating the small patches into which their properties may have been subdivided.

Improved implements of husbandry have been introduced into most parts of the country; while the ready communication with England by means of steam, and farms, and of improving their stock and culture. The course of tillage is still, however, the same in all its easential features; and hitherto the demand from England has led infinitely more to the extension of husbandry than to its amelioration. But it is difficult to

IRELAND.

suppose that it should not, also, have a material influence over the latter; and, so soon as an effectual check is given to the practice of subdivision, this, no doubt, will be the case. It must, however, be kept in mind, that the introduction of a better system of agriculture is, by dispensing with useless hands, for a while injurious, rather than otherwise, to the bulk of the labouring pop. "From north to south," say the railway commissioners, "indications of progressive improvement are every where visible; and most so in places accessible to the immediate influence of steam navigation. But all these signs of growing prosperity are, unhappily, not so discernible in the condition of the labouring people as in the amount of the produce of their labour. The proportion of the latter reserved for their use is two small to be consistent with a healthy state of society. The pressure of a superabundant and excessive pop. is perpetually and powerfully acting to depress them." (Report 9.)

Potato Cultivation. - For a lengthened period the great bulk of the people of Ireland have principally subsisted on potatoes, and have but seldom tasted bread or butcher's meat. This general dependence on the potato has been in part a cause and in part a consequence of the subdivision of the land; and may, therefore, be considered as a main source of the over-population of the country, and the degraded state of the poor. Being the cheapest species of food raised in Europe, and the rate of wages being principally determined by its cost, the poor can resort to nothing else when the potato happens to be deficient, and are then, in fact, reduced to the extreme of distress. Such deficiencies are also very apt to occur, partly from the potato crop being pecu-liarly liable to failure, and partly from the impossibility as to all practical purposes of storing up the surplus of abundant years as a reserve against future scarcities, or of mitigating the pressure of the latter by importing so bulky an article from abroad. The circumstances now article from abroad. glanced at sufficiently account for the extreme severity of the distress which Ireland has sustained through the failure of the potato at different epochs, such as 1740-41, 7817 and 1820, and 1846 and 1847. Everybody knows that in the last-mentioned years, when the failure was very general, the Irish were wholly unable to meet the difficulties of their situation; their wages, proportioned to the cost of potatoes, were altogether inadequate to purchase supplies of wheat, oats, or other grain; and there being no cheaper food on which they could fall back, they must, but for the bountiful assistance afforded to them by the government and people of England, have been subjected to all the horrors of famine. And notwithstanding all that ample means, and the most active benevolence could effect, the the most cave believe the volume could which they were occasionally obliged to depend, proved fatal to a considerable number of persons. Hence it is that the extension of the potato culture in Ireland, and the reliance placed on the root by the population, have been and continue to be evils of the first magnitude, being fatal alike to agriculture, and to the comfort and security of all classes of the people.

Such being the result of the potato culture, the reader will not be surprised to learn that we are not of the number of those who regret the checks given to it by the late failures of the crop. On the contrary, we incline to think that their influence should have been extended by legislative measures; and that it would be sound policy to discourage the growth of a root which is otherwise almost sure to become a staple article of food, and which never fails to exercise a most pernicious influence over those dependent on it. Were it used, along with bread, as a subsidiary variety of food, it would be different. But it can hardly continue for any very con-

siderable length of time to be so used, its greater cheapness and the facility with which it is made ready for use, tempting the poor to resort to it in preference to any other article. And after they have been accustomed to subsist on it, they become its slaves; for their wages being governed by its price, they have no means, even were they desirous, of leaving it for a better or more costly article. It is not easy to exaggerate the evils incident to such a state of things. We are persuaded, indeed, that the growing dependence on the potato has not in Ireland only, but in Britain and elsewhere, had the most fatal tendency; and that but for it the labouring classes would have profited to a much greater extent than they have done by the wonderful progress of industry and invention since the peace of 1815. The accounts of the great extent of land under the potato in Ireland in the course of the present year (1850), and of the apparently unabated confidence placed by the peasants on this hazardous and debasing resource, are, perhaps, the most unfavourable that have been received from that country for many years past.

Next to potatoes, oats, barley, and wheat, but especially oats, are the crops most commonly cultivated. Owing to the humidity of the climate, the country is not well fitted for wheat and barley, which are at once more precarious and not of so good quality as in England; but it is admirably suited for the growth of oats, the culture of which has rapidly increased. Turnips are cultivated only in some of the best farmed districts, and, though extending, are not to be looked upon in the light of a general crop.

Ireland, however, is much better adapted for a grazing than for an agricultural country: and such, in this respect, is the excellence of the soil, that in most parts it never fails, however foul and exhausted when laid down to grass, speedily to clothe itself with a rich and luxuriant cover of herbage. We have noticed the improvements made in the stock in most parts of Ireland, by the introduction of improved breeds: and both the dairy and grazing systems of husbandry have been materially amended.

The rapid increase of the exports of corn and other raw produce from Ireland is very generally referred to as demonstrating the great improvement of agriculture; and, in so far as respects the increased exports of cattle, beef, and butter, the inference seems to be well founded. breed of live stock has, as already stated, been very greatly improved; the system of stall-feeding has also been introduced; and the increased exports of animal produce have been obtained, not only without any increase, but with a positive diminution, of the land in pasture. But it is quite otherwise with the extraordinary increase of the exports of corn and meal. The subjoined table shows that they increased from less than a million of quarters previously to 1817 to nearly three and a half millions in 1838! But no one will venture to affirm that agriculture improved in any thing like a corresponding proportion; and as the condition of the bulk of the people did not probably vary very materially during this interval, there cannot be a doubt that the increased exports of corn are principally to be ascribed to the extension of tillage. The late Lord Clements says, in his tract on the Poverty of Ireland, that "the export of grain has increased most rapidly from those parts where no agricultural amendment whatever is visible."
(P. 27.) It has been occasioned partly and principally by the breaking up of grass land, and partly by the occupiers being tempted, by the facility and certainty of the market, to sell every bushel they can spare, subsisting themselves principally on potatoes, and retaining the worst corn for seed and their own use. This,

Account of the Quantities of Grain, including Flour and Meal, of the Growth of Iraland, imported into Great
Britain from Iraland, in different Years, from 1802 to 1849 inclusive.

/ 0075 .	Wheat and Wheat Flour.	Barley, including Bear or Bigg.	Onts and Ontment.	Rye.	Pens.	Bosns.	Malt.	Total.
	Quarters.	Quarters.	Quarters.	Quarters.	Quarters	Quarters.	Quarters.	Quarters.
808	108,751	7,116	841,151	888	113	1,655	2,303	461,371
805	84,087	14,656	208,302	235	1,634	2,010	• •	206,924
806	102,276	3,237	857,077	330	1,389	2,561		466,760
NO7	44,900	23,048	,389,549	431	1,390	3,777		463,195
808 810	43,497 116,388	30,386	379,974 492,741	573 90	75 216	2,065 3,541	1::1	656,770
812	158,352	45,138	890,6 19	178	01	5,008		631,227 597,356
813	917 154	65,360	691,498	420	77	4,455	: :	977,164
814	217,154 225,478	16,779	564,010	1 77	460	5,731	1::1	814,462
815	189,544	27,108	697,587	907	425	6,371		821,192
816	189,544 121,631	62,254	683,714	ا ق	239	5,984		873,865
817 l	55.481 I	26,766	611,117	• ~-	19	2,278		695,651
818	105,179	25,387	1.069.385	4.	10	4,768		1,204,733
819	155,850	20,311	789,618	2		3,904		967,680
890	403,407	87,095	916,251	134	439	8,596		1,410,722
881	869,700	82,884	1,162,249	850	2,474	4,959		1,522,516
821	463,004	22,532	549,237	353	728	7,235	• •	1,063,089
RES	400,068	19,274	1,102,487	198	586	5,540	75 Sept. 19	1,528,153
824 825	836,384 396,016	44,699	1,225,085	112	1,451	5,791	1,175	1,634,000
895 896	314.851	154,256	1,679,856 1,303,704	77	1,452	7,190	10,926	2,203,962
827	403.255	64,885	1,343,267	256	1,282	10,057	578	1,693,392
224 I	652,584	84,791	2,075.631	1,424	4,826	7,06%	853	2,826,590
R29	519.017	97,140	1,673,628	568	4,435	10,445	2.011	2,507,244
830	529,717	189,745	1.471.252	414	2,590	19,053	2,820	2,215,521
831	557,498	155,409	1,655,701	515	4,142	15,029	10,888	2,429,182
832	790,293	123,639	2,051,867	294	1,915	14,530	8,229	2,990,767
833 I	841.711	101,767	1,762,520	166	2,646	19,114	7,017	2.737.441
834	779,505	217,885	1,769,503	985	2,176	18,771	3,865	2,792,658
835	661,776	156,242	1,822,767	614	3,447	21,235	10,357	2,679,438
836	898,757	184,156	2,132,138	483	2,920	17,604	22,214	2,958,972
137	381,465	187,473	2,274,675	1,016	60	25,630	4,174	3,030,293
138	542,583	156,467	2,742,807	628	5,232	21,584	5,001	3,474,502
839 840	256,331	61,676	1,904,933	2,331	1,484	11,535	2,861	2,245,151
841	174,430 218,708	95,954	2,037,835 2,539,380	122	1,403	14,573	5,456	2,327,782
H2	201,998	50,397	2,351,435	179	1,551	15,007	3,016	2,538,234
3	413,466	110,449	2,648,032	371	1,192	24,319	8,643	3,206,482
944	440.152	90,656	2.242.306	264	1,091	18,580	8,153	2,801,704
45	779.118	95,095	2.353.985	165	1,644	12,745	11.144	3,251,901
146	393,469	92,854	1,511,592		2,827	14,668	11,399	1,826,132
47	194,024	47,527	703,465	1.496	4,659	22,361	5,956	969,490
848	304,873	90,177	1.676.659	7 15	2,572	12,314	6,365	2,034,875
849	249,439		1,077,364	1 - 1	Property and	A-949/00	-94	and a signal or

The exports of cattle, sheep, &c., from Ireland to Britain, in 1846, 1847, and 1848, were, according to the best attainable information, as follows: -

1	1846.	1847.	1848.
Oxen, bulls, and cows Calves Sheep and lambs Swine	No. 186,483 6,363 289,257 480,817	No. 189,960 9,992 984,179 106,407	No. 196,042 7,086 253,682 110,787
Totals -	932,930	630,538	569,597

The great decline in the exportation of swine is owing to the havor made in that description of stock by the scarcities of 1846 and 1847.

Rent of Land. - There are no means of forming any accurate estimates as to the amount of rent in Ireland. The property-tax does not extend to it; and all that we have to trust to in determining its rental are estimates deduced from the rentals of particular estates, or from valuations made for the assessment of the local burdens and for the adjustment of the com-position on account of tithe and the poor's rate. The first, unless made with unusual care, are rarely much to be depended on, and lead almost always to exaggerated conclusions. In 1727, Mr. Brown computed the gross rental of Ireland, inclusive of quit-rents, tithes, &c., at 2,824,000.; and, in 1778, Mr. Young estimated it at 6,000,000. (Newenham's View of Ireland, p. 232) Mr. Wakefield, from minutes collected in his tour, estimated the average rental of Ireland. land at 27s. the Irish acre, or at 16s. 6½d. the imperial acre (vol. i. p. 305.); and, notwithstanding the imperfect data on which it was founded, this estimate, though in excess, came

pretty near the mark. No doubt, however, the elaborate estimate framed by Mr. Griffith, and contained in his evidence given in the Second Report of the Lords' Committee on Tithe (1832), is much more deserving of attention: it is principally bottomed on official valuations, and is probably, therefore, a little under the mark. According to Mr. Griffith, the total rent of Ireland in 1832 amounted to 12,715,478L, which would give an average rent of 12s, 2d, per acre for the whole kingdom. But to get a correct notion of the rent, the area occupied by water, amounting to 630,825 acres, should certainly be deducted, and this being done, the average rent is 12s. 7d. an acre. According to the more recent estimate of the value of the land obtained under the valuation of the poor's rate, the average rent per acre, deducting water, is 13s. 7d.

The annual value of the unimproved mountains and bogs has been variously estimated at from 1,000,000% to 2,000,000%. If we suppose 1,500,000l. to be the more correct sum, it will leave, on Mr. Griffith's hypothesis, a sum of about 12,000,000l. for the gross rental of the cultivated land of Ireland, amounting to 13,464,900 acres, equivalent, at an average, to about 16s. 8d. an acre; which, allowing for deficiencies in the valuation, may, perhaps, be increased to 17s. or 17s. 6d. an acre—a very high rent for a country occupied and farmed in the manner of Ireland. And to this has to be added the sum, frequently a large one, paid in most parts by new tenants to the previous tenants or their heirs, on account of tenants' right.

* The measurements of the different Irish counties given by Mr. Griffith, do not quite agree with those deduced from the Ordnance Servey. The latter have been used in this article, but the discrepancies are not material.

The object of this payment is to secure the "good will" of the previous occupiers, or, in other words, to get leave peaceably to occupy the holding. Different opinions have been entertained in regard to the origin of this custom. Probably it had its source in payments made by entering tenants for certain improvements made, or articles left, on the holding by those leaving it; but now it is really a bonus to secure peaceable possession, and is exacted in cases where no improvement whatever has been effected, where nothing is left upon the land, and even where the outgoing tenant has been evicted for non-payment of rent. It is at once a source and an evidence of the depressed state of agriculture, and of the barbarism of the country; and, instead of being extended, as the Irish demagogues demand, should be everywhere suppressed.

mand, should be everywhere suppressed.

Fisheries. — The seas round Ireland swarm with fish.
Cod, ling, and hake are found in great abundance on the
Nysph Bank to the S. of Waterford. Fish fish also
abound in many parts. Large shoals of herrings visit
the coast samually; and the bays and creeks furnish
great quantities of the smaller and more delicate species,
as plichards, sprats, smelts, and sand-sels. The basking
whale and sunfish are often seen off the W. coast. But
the fishery has never been either largely or successfully
carried on by the Irish; and, at this moment, the principal supply of salt shi is derived from Scotland. In
1764 a system of bounties was established to encourage
the trade, but without any maserial success. It was revised in 1819 by a commission, which also gave loans for
the purchase of beats and tackle. With such encouragement the number of fishermen and boats increased considerably during the ten years the system was in operation. Bet though the fishing declined on the bounties
being withdrawn, this decline was temporary only, and
it has since considerably increased. In 1848 it employed
in all 18,932 boats, and 70,011 men and boys.

There are salmon and eel fisheries in most of the great
rivers. The salmon fisheries in the Sann, near Coleraine;
the Foyle; the Billick, near Ballyshannon; the Boyne,
above Drockeds: and in various other nearts, are very

There are ealmon and cel faberies in most of the great rivers. The ealmon faberies in the Benn, near Coleraine; the Foyle; the Billick, near Ballyshannon; the Beyne, above Droghesia; and in various other parts, are very productive. At an average of the nine years ending with 1833, the preduce of the Foyle salmon fabery amounted to 2,814 cwt. a pear. I rish salmon, packed in lee, is principally exported to Liverpool, Bristol, and London. Massigacturez. — I rish aslmon, packed in lee, is principally exported to Liverpool, Bristol, and London. Massigacturez. — I reland is not, and never has been, a manufacturing country. Its unsettled turbulent state, and the general dependence of the population on land, have hitherto formed insuperable obstacles to the formation of great manufacturing establishments in most parties of the country; whilst the want of coal, capital, and stilled workmen, and the great ascendancy of England and Scotland in all departments of manufacture, will, there is reason to think, hinder ireland from ever attaining to eminence in this department. And it is need-less to add, that while manufactured goods can be produced cheaper in Britain than in Ireland, so long will the interests of the latter be best promoted by their importation. It is, whatever the Irish demagogues may say to the contrary, a contradiction and an absurdity to suppose that either individuals or states can be enriched by producing at home what it would cost less to bring from abroad. The woulds manufacture was carried on to some extent in Ireland, previously to the revolution of 1688, soon after which, in compliance with the interested solicita-

tions of the English manufacturers, the export of Irish woollens to foreign parts was prohibited, and oppressive dutice laid on their importation into England. But, though it be impossible too severely to condemn this selfish insulting policy, there is no solid ground for supposing that it was productive of any real injury to Ireland. Though the acts complained of had never existed, the result would have been the same. It is quite nugatory to suppose that, under any circumstances, the woollens of Ireland should ever have been able to come into competition with those of England, either in the home market, or any where elea.

The existing woelles menfacture of Ireland is carried on upon a small scale. At Dublin, and other parts in the vicinity, some eloth of a better description is made; and other branches are carried on to some extent in Killkanny and other places. At Dublin, and other parts in the vicinity, some eloth of a better description is made; and other phaneles are carried on to some extent in Killkanny and other places. It appears, from the returns of Mr. Stuart, inspector of netories, that there were in Ireland, in 1818, 3i woollen mills; but they were upon so small a scale as to employ, in all, only 1921 persons, and this number would appear, from the subjoined account, to have decreased in the intervening period. The railway commissioners estimated the values of the weol produced in Ireland at about 200,0001, a year. It is not suitable for the manufacture of any but very low priced cloths; but it is well adapted for the manufacture of woollen stuffs, and hence the recent extension of that department at Mountmelick and Abbeyleix.

To compensate for the bad treatment of the woollen, Abbeyleix.

for the manufacture of woollen stuffs, and hence the recent extension of that department at Mountmelick and
Abbeyleix.

To compensate for the bed treatment of the woollen,
the lines manufacture of Ireland was long the object of
especial patronage. It was fostered and promoted by
a number of statutes, and placed under the superintendence of a board, with an annual grant of public
money for distribution in premiums and bounties. The
board, however, has been discontinued for some years,
and the grants withdrawn. The manufacture is chiefly
condined to Ulster. In 1834, the last year for which
there is an official roturn, the total value of unbleached
lines sold in Ireland amounted to 2,800,607/., of which
that sold in Ulster produced 2,100,260/. The exports in
1835 amounted to 70,509,872 yards, of the estimated
value of 3,736,564 ; and their value at present (1850)
can hardly fail to exceed 4,000,000/. The manufacture
was at one time, and still is, very generally diffused over
the country; the yarn being spun by the cottler's family,
and woven by the cottler himself. But since the introduction of machinery for the spinning of yarn, and of
power-looms, the old system has been to a considerable
extent abandoned, and the yern is now principally spun
machinery. A good deal of choth is also made by
power-looms; but the greeter part coultinues to be woren
the houses of the cottlers, who are supplied with yarn
by the agents of the manufacturers. In fact, but for
this change of system, the manufacturer would have been
wholly aminflisted; as the manufacturer would have been
the formers. Leeds, &c. It is also of importance
to observe that under the new plan the weeters, being
regularly supplied with yarn, are kept constantly at
work, and do not

An Account of the Numbers of Work-people employed in the Cotton, Woollen, Worsted, and Flax Factories of Ireland in 1846, distinguishing the Sexes and Ages of the Work-people: —

			4	ŗes.						
İ	Under 13 Years of Age.		Between Years	15 mad 16 of Age.		Years of	Total-			
Cotton - Worken - Worked - Flax -	Males. 4 2 2	Pemeles. 11 1 27	Males. 592 79 21 2,456	Percalas. 773 144 46 4,235	Malm- 954 452 80 3,118	Penales. 1,849 404 91 7,231	Malm. 1,550 838 101 8,595	Furnales. 2,633 549 137 11,493	Males and Females- 4,183 1,082 238 17,088	
Total	15	39	3,150	5,198	4,614	9,575	7,779	14,812	22,591	

Distillation has been, for a lengthened period, an important business in Ireland. Previously to 1823, when the daty on spirits was 56. 64. a gallon, illicit distillation was extremely prevalent in Ireland; so much so, that the commissioners of revenue inquiry estimated the total annual consumption of spirits in Ireland at that period at 8,280,000 imp. galls., though, in 1822, no more than 2,328,267 paid duty! In 1823, the duty having been re-

duced to 2r. 10d. per imp. gall., 6,990,315 galls. paid duty in 1834, and 9,362,744 in 1825. In 1836 the duty was re-duced to 2r.4d. per gall.; and in 1836 duty was paid on 13,396,343 galls. But it would seem that the consump-tion had then attained to a maximum; for, in the course of 1830, and the immediately subsequent years, great num-bers of people in all parts of the kingdom were induced, principally by the exertions of a Roman Catholic pricet,

of the name of Matthew, to pledge themselves to abstain from spirituous ilquors. And the extent to which the temperance system was afterwards carried was most extraordinary; the consumption of spirituous ilquors having declined in 1839 to 10,815,709, and in 1849 to only 5,290,650 galls. I This appears, however, to have been the lowest point in the descending scale, the consumption having increased in 1843, 1844, and 1845, when it amounted to 6,973,233 galls. native spirits, and 255,276 gall. foreign do. The habit of drinking spirits, formerly so prevalent among the irish, particularly when assembled at fairs and other public meetings, was the source of innumerable outrages; and there can be no doubt that the deciline of this victous practice has been of material advantage to the lower classes.

The silk trade was introduced by French emigrants shortly after the Revolution: its chief seat was in Dublin; but since the repeal of the protecting duties it has declined, so as to be now nearly extinct, with the exception of tabbinet or Irish poplin, a mixed fabric of silk and worsted, for which there is a considerable demand. The first importation of cottom wool into Ireland, of which there is any authentic notice, took place in 1771. The manufacture was carried on with some little success in several parts during the continuance of the proceeding duties. On their withdrawal it declined for a

The manufacture was carried on with some little success in several parts during the continuance of the protecting duties. On their withdrawal it declined for a while; but it has since revived, and is now prosecuted in the neighbourhood of Belfast, where there are several large mills, and at Portlaw, co. Waterford, where there is a mill that employs many hands.

Commerce. — The exportation of the raw produce of the soil has always formed the principal commercial

Account of the Trade of Ireland with Foreign Parts in the undermentioned years from 1830 downwards.

	Imports.	Exports.	Exports.		
Years.	Official Value.	Official Value.	Real Value.		
1830 1835 1840 1845 1846 1847 1848	2,844 1,429,844 1,447,933 1,559,553 1,951,349 2,896,179 8,034,795 4,235,978 6,031,569	662,579 455,038 450,548 234,968 251,652 287,672 294,813 268,611	8 560,900 445,900 509,874 273,421 240,890 232,221 233,899 276,068		

business carried on in Ireland. During the late war, she supplied a large share of the provisions required for the supplied a large share of the provisions required for the army and navy serving abroad; and she still sends large supplies to the colonial markets. Great Britain, however, is by far the best and most extensive market for all sorts of Irish produce; and her exports to this country, es-

Account of the estimated Value of the total Exports and the total Imports of each Port of Ireland in 1835.

	Exports,	183	Imports, 1836.				
Names of P	orts.	Value		_	Value.		
Ardgiaes and K	illongh -	85,161	ő	ó	2.970 0 0		
Arklow -	····	8,677	ŏ	ŏ	6,76% 10 0		
Belbriegen		5,417	1ŏ	ŏ	11,391 19 2		
Rallina -		70,568	ŏ	ŏ	13,532 0 0		
Ballyrane +		20,834	ŏ	ŏ	5,770 0 0		
Ballycastle		1,791	ŏ	ŏ	1,030 13 3		
Railvehannon		11,130	ŏ	ŏ	9,511 0 0		
Haltimore, &c.		87,144	ŏ	ň	17.767 0 0		
Bantry -		6.212	0	Ö	17,293 8 0		
Berehaven		77,360	Õ	Õ	30,081 0 0		
delmullet		2,940	0	Ō	100 0000		
Belfast -		4,341,794	8	7	3,695,437 11 10		
Clare -		16,617	0	0	1.672 O O		
Coleraine and F	outrosp -	105,665	ŏ	ō	65,900 0 0		
Cork -		2,909,846	0	Õ	1.751 684 O O		
Donaghadee		62.484	0	Ó	7,570 0 0		
Donegal -		11,363	0	0	11,531 0 0		
Drogheda -		766,027	0	Ō	259,854 O B		
Dublin -			0	0	4,430,321 0 0		
Dundalk «			0	ō	107,955 0 0		
Dungaryon		69,486	Õ	Õ	16,312 15 0		
Galway -				Ō	58,268 12 8		
Killula -			0	ō	3,188 0 0		
Kitrush -			Ó	ŏ	2,768 0 0		
Kinsale «	- •		Ó	Ó	18,262 O G		
arne -				ě	7,255 6 7		
imerick -			0	0	323,740 O O		
Condonderry				ŏ	706,054 0 0		
Newcastle			10	Ó	3,156 0 0		
Newport -			0	Ŏ	1		
Newxy -			Ō	ŏ	568,711 0 0		
Loss -			ō	Ó	28,007 0 0		
Strangford		79,633	6	4	20,498 8 0		
Stigo -			ŏ	0	114,692 0 0		
Traine -		42,315	Q	040000	7,270 0 0		
Waterford		1,821,245	Õ	Ō	1,274,154 0 0 621,417 0 0		
Wexford -		312,136	ŏ	ō	681,417 0 0		
Vestport -		87,805	Ō	Õ	28,517 0 0		
Wicktow -			Ō	ō	15,671 0 0		
Youghal -		215,316	0	0	28,310 0 0		
		17,394,813	_	11			

III. Account of the Quantities of the Principal Articles imported into and exported from Ireland in 1825 and 1825.

Imports.			Exports.	
	1825.*	1835.	1823	1835.
Coal, culm, and cinders - tons	738,453	1,001,378	Cows and ones - number 65.	524 98,150
Corn, malt quarters	• • •	4,300	Horses 3.	140 4,655
other sorts	-	5,861	Sheep 72	191 125,452
Hops cwts.	•	13,944	Swine 65,	919 576 191
Bark, oak, for tenners - tons	1 - 1	6,866	Grain, viz. wheat quarters 283,	
Beer and ale tuns		838	barley 154,	
Fish, herrings harrels		111,508	cets 1,505,	
Salt - bushels	ا ا	1,646,614		838 39,637
Sugar, British, refined - cwts.	66,391	43,987	Wheat meal, flour, and catmenl own. 599,	
Spirits, British and Irish - gallons		388,610	Potatoes -	223,398
	83,295	37,349	Provisions, bacon and hams - 362,	
brass and copper cwts. Metals iron tons	17,902	4,650		
unwrought) lead	11,302	19,330		
tin - cwts.	1: :	1,488	Soap and candles - 35,	
Cast tron tons	1: :1	7.093	C number	42
Iron, foreign	1: :	2,520	Eggs Crates -	- 52,244,800
Stones, slate	1	18.894	boxes	2,275
Wool, sheepe' or lambs' - lbs.		811,300	Feathers - cwts.	10,695
Woollen yarn -	879,051	65,118	Hides and calf-skins number	6,438
Linen yarn		2,652,000		57,657
Cotton yarn	2,702,523	582,914	Wool, sheeps' and lambs' - Dales Dales	764.184
Cotton manufactures yards	4,996,885	14.172,000	Plax and tow	896 163,949
Woollen manufactures	3,384,918	7,884,000	Load and copper ore	477,660
Wool, cotton, foreign · Ibs.	4,065,930	2,646,356	Spirits gallons 629.	529 459,473
Wool, sheep, foreign		155,008	Doer	9.6% 688
Linene, Irish yards		80,500	Cotton manufactures yards 10,567,	458 1,039,088
British	المتديدة	322,658	/ DECEMBER -	6,563
Silks, raw and thrown, foreign lbs. Tinned plates boxes	62,128	9,072	Cotton yarm lbs.	15,428
		9,040	yards 55,114,	
Leather packages Wrought iron and hardware	1: :1	2,196	Linen boxes -	134
Machinery and millwork	1: :1	18,326	Silk manufactures - vards -	- 17
Glass and earthenware	1: :1	2,361 14,108	Woollen manufactures yarus -	8,400
Haberdashery and appeared		6.177		300t. 369,394/
Ashes	li	£ 12,482	Other articles Value 400,	3001. 369,2941.
Barilla	112,836	8,445	Foreign and Colonial Merchandles.	1
Indigo ibs.	۱۰. ا	99,183	- and a suc constant Teleformanie.	- 1
Hides cwts.		74.897	Tea	- 87,550
Tallow	186,147	87,847		814 47,642
Rugar, foreign	280,631	189,080		252 2,922
Tea - · · · lbs.	3,889,658	4.794.516	Molasses -	7.597
Coffee · · · · ·	335,921	1,205,762	Tobacco lbs. 1,118,	926 92,751
Tobacco	8,904,084	4,467,746		995 78,063
Wines galions	968,940	304,051	Rum \$6.	807 2,195
Flax seed - bushels	535,381	246,456	Hemp cwts	- 1.720
Other articles value	2,021,973/.	1,379,783/.	Other articles value 32,	4497. 19,775/.

It is supposed that many of the articles which appear blank in the columns for 1825, and are detailed in those for 1835, are returned to Aggregate Value of "other Articles."

pecially of corn and flour, and of butter, pigs, eggs, &c., have prudigiously increased. The conversion of grain into flour and meal has lately become an extensive business in Ireland; and many mills, erected for this purpose, are on an extensive scale, and are furnished with the best machinery. By far the greater part of the trade of Ireland is carried on as a cross-channel trade with Great Britain, and especially with Liverpool, Bristol, and Glasgow. Its trade with foreign countries, and with British colonies, is comparatively inconsiderable.

The extraordinary increase in the value of the imports in 1847, 1848, and 1849, is entirely to be accribed to the immense importations of corn in these years. The values of the latter were, in 1847, \$306,4894; 1848, 2,596,6344.; and 1849, 4,366,1994.
The shipping of Ireland is but inconsiderable, compared with that of Great Britain; but it has increased considerably within the last ten years. We subjoin an account of

Number and Tonnage of Sailing Vessels and Steam Vessels registered in the Ports of Ireland in 1847 and 1848.

					Sailing	Vessel							Steem	Vessels	•		
Ports.			18	47.			184	48.			19	67.		1948.			
		Under	50Tons.	50 To	me and	Under	50Tons.	50 T	ons and rards.	Under	50Tons	50 T	one and wards.	Under	50T ans.		es and
		Ves.	Ten.	Ves.	Too.	Vœ.	Ton.	Ves.	Ton-	Ves.	Ton.	Ves.	Ten.	Ves.	Ton.	Ves.	Ton.
Baltimore Belfast -	:	111 150	5,176	306 3	1,305	106 172	2,566	7 197	950 64,830	2	18	4	459	2	26	-	749
Coleraine Cork - Drogheda	:	159 7	254 3,841 193	227	59,973 4,569	1.8	256 3,395 193	256 39	629 43,058 4,670	. 5	184	15 6	1.794	5	184 25	15	4,092
Dubin - Dundalk Galway -	:	253 7	8,258 263 118	124	25,195	293 8 6		180 19	21,044 2,040 3,775	. 1	161	42 3	1,014	•	161	48 8	11,310
Limerick Londonderry	-	47 13 155	1,336	16 15 65 25 57 28	13,398 7,363 6,752	45 12 149	1,275 313	61 23 67 25 25	12,600 6,515			7	1,896	-		7	1,886
Newry - Rom - Sligo -	:	155	4,642 69 274	25 26	9,442 5,391	2 9	274	25 12	7,166 10,339 3,957	:,	-44	i	903 63 66	,	44	1	203
Strangford Traise - Waterford	:	72	947 1,787	123	22,881	6 78	37 168 1,944	123	961 546 22,300			11	2,717			14	5,187
Westport Westpord	=	4 81	1,276	78	190 7,532	32	89 1,188	74	6,990			_ 1	225		-	1	224
Total		1,075	30,717	1,140	211,072	1,063	32,492	1,158	212,569	12	417	92	23,350	13	412	93	24,239

Ports.	Custome.	Ports.		Custome.
Ballina - Belfast - Colerator - Cork - Drogheda - Dublin - Dublin - Dundalk - Gaiway Limerick -	- 3,364 - 346,202 - 6,305 - 254,749 - 15,428 - 924,A33 - 41,621 - 31,435 - 116,044	Lendenderry Newry - Ross - Skibberess Sligo - Trales - Westport - Westport -	• • • • • • • • • • • • • • • • • • • •	# 111,481 35,764 28,µ93 938 24,946 2,352 119,969 14,182 19,661

The great preponderance of the customs revenue of Dublin results from its being the principal port for the importation of wine, sugar, timber, and other taxed articles. Its trade is really inferior to that of Belfast,

articles. Its trade is really interior to that of Bellast, and but little superior to that of Cork.

Ranks. — Banking business in Ireland was long in a very uneatisfactory state. Till 1783, when the Bank of

Account of the Gross Customs Revenue collected at the different Ports of Ireland in 1849.

| Forts. | Customs | Ports | Po

nonpoly.

The system of savings' banks, though in a very unsafe and unsatisfactory state, has been considerably extended. The total number of depositors and deposits was, in

			Depositors.		,	Deposits.
1835	-	-	58,482	-		1.604,653/
1839	-	-	74,333			2,158,6654
1847		-	80.351			2.410.720/

Account of the Joint Stock Banks existing in Ireland in 1850, specifying the Date of the Establishment of each Bank, the Number of its Branches, the Number of Partners, its nominal and paid up Capital, and its paid issue.

NAME. Thus marked * do not issue their own Notes.	When instituted.	No. of Part- ners on 1st Jan. 1844.	No. of Branches.	Capital.	Capital paid up.	Pixed Issue.
Bank of Iveland Hibernian Joint Stock Co., Dublin Provincial Bank of Ireland Northern Benking Co., Belfins Belfinst Banking Company National Bank of Ireland Union States of Benking Company Ontone Benking Company Define Union States of Iveland Carrick-on-Sur National Bank of Ireland Hoyal Bank, Dublin "Tipperary Joint Stock Company	June, 1825 Sept., 1825 Dec., 1825 Dec., 1825 Dec., 1835 April, 1836 May, 1836 May, 1836 Nov., 1836 Aug., 1839	367 179 264 913 489 1,050 973 437	23 3 39 11 18 41 14 3 1	#25,000,000 1,000,000 2,000,000 500,000 1,000,000 1,000,000	#3,000,000 950,000 500,000 150,000 125,000 450,000 250,000	43,788,498 927,667 243,410 251,411 761,757 311,079 66,428 24,084

Roads are generally well laid out, and kept in good order. They are made and maintained partly by turnpike trusts, but chiefly by co. presentments, or assessments on the cos. The latter amounted, in 1848, to the sum of 4.0,690f. The system of macadamising was practised in reland for some years before it attracted public attention in Great Britain.

Canals.—The Grand Canal, commenced in 1768, is carried from Dublin to Robertstown, 25 m. W., whence proceed two branches, that to the right to the Shannon harbour, on the Shannon near Banagher, and thence on he W. of the river to Ballinasine, 94 m. from Dublin, with a branch of 84 m. to Kilbergan; that to the left to Athy, 55 m. from Dublin, with a branch of 11 m. from Monastereven to Portarlington and Mountmellick. The summit level is 200 ft. above the sea. The Barrow is navigable from Athy, for small craft, to the Scars, 43 m., thence for larger vessels, by Ross to Waterford, 30 m.

The Royal Canal, commenced in 1789, extends from Dublin to Tarmonbarry on the Shannon, 92 m., with a branch of 5 m. from Killashee to Longford. Its greatest height above sea level is 207 ft. The Shannon has been rendered navigable from Limerick almost to its source, and is traversed by steam-boats both for passengers and goods. The Boyne navigation from Drogheda to Navan, and the Lagan from Belfast to Lough Neagh, are partiyer and partly still water. The Ulster Canal connects Loughs Neagh and Erne. The Suir Navigation Company was incorporated in 1837, for making a ship canal to Carrick on-Suir. Carrick on-Suir.

Carrick on-Suir.

Rathongs.—Numerous railways, some of which promise
to be of great advantage, have been opened in Ireland;
others are in the course of being constructed, while many
more have been projected. Among the leading lines
may be specified the Great South Western, extending
from Dublin to Cork and Limerick, with a branch to

Carlow, where it unites with lines that are to run to Waterford and Wexford; the Great Western to connect Dublin with Mullingar, Athlone, and Galway; the line from Dublin to Belfast; from the latter to Armagh, Ennishillen, and Silgo, with a number of others. Of these the first mentioned line connecting Dublin with Cork and Limerick has been nearly completed; its branch to Carlow has also been completed, and it is thence extended to Bagnalstown on the way to Waterford. The Great Western has been opened as far as Mullingar; and government have agreed to advance 500,000% as loan towards the completion of the portion of the railway between Athlone and Galway, upon the security of the line, and under the stipulation that it is to be finished on or before the 31st December, 1851. The communication between Dublin and Belfast, which one might have supposed would have been the first to be perfected, is still incomplete, though this will not, probably, be the case much longer. A number of other lines, including several which originate in Belfast, have either been completed, or are more or less advanced; but the probability is, that a far greater number of the lines that have been projected will not be undertaken. On the 30th of June 1849, 361 m. of railway had been opened, and 183 additional m. were then in progress. The total receipts from passengers and goods, during the year ended at the above date, amounted to 380,842.

Revenue.—The Revenue of Ireland is raised from the same sources as in England.

year ended at the above date, amounted to socyour.

Revenue. — The Revenue of Ireland is raised from the same sources as in England, except the property and assessed taxes, which do not extend to Ireland. But, owing

to the depressed situation of the great bulk of the Irish people, and their inability to consume taxed articles, the revenue of Ireland falls far short of what it might be exected to amount to from the magnitude of the pop. In act, the revenue of Ireland, with a pop. (in 1841) of 84 nillions, hardly equals that of Scotland, with a pop. of

3 millions.

We subjoin an account of the gross and nett receipt of the public revenue of Ireland in 1849, showing the rate per cent, which it cost to collect the gross revenue.

	Gross Recei	pts.	Nett Recei ducting F men	Copay	Rate per cent. at which Gree Revenue was collected.		
Customs - Excise - Stamps !- Post-office - Surplus Feed	184,514	. d. 3 7 1 0 2 0 2	2,177,121 1,403,838 518,914 181,350 10,561	12 44 16 1	10 2 01 11 3 10 3 4 101 61 10 5		
Totals -	4,323,861 11	104	4,291,806	18 9	12 12 9		

But, exclusive of the above, or of the public revenue, a But, excusive of the acove, or of the public revenue, a considerable sum is annually raised by grand jury presentments, that is, by assessments on the cos. made by the grand juries, for constructing and keeping up roads, prisons and bridewells, police and police establishments, and for charitable purposes, &c. We subjoin

An Account of the Sums raised by Grand Jury Presentments in Ireland, in 1846, 1847, and 1848; specifying the Objects for which they were raised, and the Amount appropriated to each.

				184	6.	1847.	1848.
Roads, bridges, &c Repairs of roads, &c. Brection and repairs of cour Brection and repairs of pris- Other prison and bridewell Police and witnesses Public charities Repayment to Government Miscellaneous	expens	-) USOS	26 110,364 833,891 9,904 8,562 98,903 195,429 102,281 112,074 119,537 94,067	10 0 18 7 8 11 1 1 1 0 16 8 12 14	#8 s. d. 96,125 16 104 264,269 11 92 13,457 17 12 6,851 8 4 145,657 15 6 137,452 11 24 97,954 15 84 118,390 14 102 163,883 5 22 116,385 11 38	£ £ £. 75,055 2 12 325,664 17 9 9,673 12 02 9,978 13 0 189,313 16 11 64,166 1 10 102,334 17 2 113,265 14 62 260,048 5 22 132,232 3 12
Total	•	-		1,180,296	16 14	1,175,474 0 04	1,241,854 3 9

Total - 1,184

This is but a small sum, compared with what is assessed for similar purposes in England. But the weight of local taxation on the land is now considerably increased, through the operation of the compulsory provision for the support of the poor; though that will a far more than countervalled by the good effects of which it cannot fail to be productive.

The constitution of Ireland is modelled on that of England; but, for a lengthened period, the native Irish, comprising the great bulk of the population, were effectually excluded from all participation in its benefits, and were in fact reduced to a state of kelotizes. This conduct, it is needless to add, was little less injurious to the conquerors than to the conquered. "As the English would neither in peace govern the Irish by the law, nor could in war root them out by the sword, they needs became pricks in their eyes and thorns in their sides." But nations are slow and reductant learners; and that selfish short-sighted policy, whose effects were thus forcibly exposed by Sir John Davies (Discoverite, &c., p. 190. ed. 1747) in the reign of James I., Sourished in its full vigour down almost to our own times! The granting of the elective frunchise to the Catholics, so late as 1792, was, in truth, the first great step in the progress to a better system, which was happily consummated by the repeal of the last remnant of the penal code in 1899. The odious distinctions by which society was formerly divided have no longer any legal or statutory foundations. Adherence to the religion of their anoestors has ceased to entail upon the Catholics a denial of their political fanchises; and all classes now participate equally in the rights and privileges granted by the constitution. The chief governor, under the name of lord leutenant, with power to appoint a deputy during absence, a house of ords and a house of commons. Under Henry VII., power to appoint a deputy during absence, a house of lords and a house of commons. Under Henry VII. lords and a house of commons. Under Henry VII., the prostration of the Irish parliament was effected, by transferring the right to hold parliaments, which had been vested in the lord lieutenant, and to originate bills, to the king and the English privy council. The first parliament, in which members were returned from all parts of Ireland, sat in the beginning of the reign of James I. The number of members varied at different times, but was ultimately fixed at 300, two for each co., two for Trinity College, and the remainder for cities and bors., the representatives for the latter being, in most instances, nominated by their proprietor or

patron. Previously to 1768, the members held their seats for life, so that they could hardly be considered as representatives even of the Protestant part of the nation, and had but little sympathy with popular feelings. At this epoch, however, parliaments were made octemial. Since the Union, Ireland has been represented in the imperial parliament by 28 temporal peers, elected for life by the whole body of Irila peers; four bishops, who sit according to annual rotation of sees; and from the Union till the passing of the Reform Act, it was represented in the H. of C. by 100 mema, two for each co., two each for the cities of Dublia and Cork, one for Trinity College, and one each for the 31 bors, of Armagh, Atthone, Bandon, Belfast, Carlow, Carrickfergus, Cashel, Clommel, Coleraine, Downpatrick, Drogheda, Dundalk, Dungannon, Dungaryan, Bunts, Enniskillen, Galway, Kilkenny, Kinsale, Limerick, Liaburn, Londonderry, Mallow, New Boss, Newry, Portarlington, Silgo, Tralee, Waterford, Wexford, and Youghal. The Reform Act gave Ireland five additional mems, which were assigned to Trinity College, Belfast, Gaiway, Limerick, and Waterford, which, consequently have now two mems, each. It also vested the electoral franchise in cos. in the same classes as in Rugland, with the substitution of 90% for 50%, and 14 for 20 years; and in cities and bors. in freemen resident within seven miles, and 10% freeholders. But these qualifications having been found to be too high, were reduced, in 1800, by the 18 & 14 Vict. c. 69., which has given the franchise in counties to the occupiers of land rated for the poorrate at the nett value of 12% a year, and to the possessors of estates in fee or for life rated at \$t.: it has, also, given the franchise in towns to all parties occupying lands or premises rated at \$t. a year. The electroal boundaries of the bord. In dictient and insisterial functionaries. The lord lieutenant is sessied by a chief secretary, a mem of the high Judicial and ministerial functionaries. The lord lieutenant is assisted b

tain, in the lord chancellor, removable at pleasure, as-

sisted by the masters of the rolls, and in 12 judges, four for each of the courts of Queen's Bench, Common Pleas, and Exchequer. Two of the law judges go through each of the six circuits, into which the country is distributed, twice a year, to decide criminal and civil cases. The judges of the courts of Prerogative and Admiralty are generally practising barristers. A barrister also presides along with the co. magistrates, at the Courts of Quarter Sessions. Petty sessions, at which at least two magistrates must be present, are held weekly, or once a fortnight, in every district. Each corporate town has a judge, or recorder, and local magistrates, elected by the corporation; and every manor has its courts under a seneschal or bailiff nominated by the proprietor. The lord chancellor has the power of appointing and removing the co. magistrates, for whose conduct he is responsible. An act passed in 1840 (3 & 4 Victoria, cap. 108.) for remodelling the municipal corporations in Irish towns. It gives the right of voting at municipal elections to all persons resident in boroughs, or within 7 m. of

to all persons resident in occupins, or whilm r in. of their boundaries, occupying houses, shops, or other pre-mises within the same of the annual value of 10. The conservation of the peace is committed, in the cos., to a lord lieutenant, aided by an indefinite number cos., to a ford neutenant, aised by an indefinite number of deputy lord lieutenants, all nominated by the crown and by the high sheriff, selected, as in England, from lists prepared by the judges of assize. The police consists of a well-organised constabulary force, which consisted, on the let of January, 1849, of 12,212 officers and men, under an inspector-general, 2 dep. inspectors-general, 2 assistant inspectors-general, 35 county inspectors. &c., and including also 70 stipendiary magistrates. The total expense of the force in 1848 amounted to 562,5071.

The larger towns have each a corporate police; and a military force, varying in numbers according to cumstances, is distributed throughout the country. according to cir-

cunstances, is distributed throughout the country.

There are 44 county or town prisons, penitentiaries, and bouses of correction, and 111 bridewells or places of temporary confinement. The superintendence of the prisons is committed to two inspectors-general, who make annual reports to parliament, and to a local inspector. The prisons are generally well constructed and regulated. The following table, extracted from the inspectors. lated. The following table, extracted from the inspectors' reports, exhibits a view of the number of committals and convictions, and of the number of the latter visited with the highest and lowest grades of punishment, from 1837,

Years.	Summ	ary Con-	No. of Cases at Assizes	Total	Sentences A salars los and greate	349	1
	Petty Of- fences.	Drunken ness-	Quarter Sessions	victed.	6 Months' Imprison- ment and under.	Capital.	Epical
1837 1838 1839 1840 1841 1842 1843 1844 1845 1846	9,649 9,760 16,818 15,951 13,177 17,009 18,846 18,857 17,512 16,695 25,810	38,678 95,827 98,649 17,396 90,469 94,369 92,076 95,289	14,804 15,725 26,392 25,855 25,796 21,186 20,126 19,448 16,696 18,492 31,209	9,556 9,609 12,049 11,194 9,287 9,874 8,620 8,042 7,101 8,639 13,255	6,156 6,349 7,726 6,976 5,624 5,973 5,282 7,580 5,696 4,897 9,440	154 39 26 45 40 95 91 20 13 14 25	10 10 日本日本日本日本日本日本日本日本日本日本日本日本日本日本日本日本日本日本日本

The following Table shows the Committals for the Years 1847 and 1848, arranged according to Classes: --

Clans		1847.	1949	1848. Incress.	Incress per	Rate per Cent. in 1848.	
· · · · · · · · · · · · · · · · · · ·		1017.	1948. Incress. Cent.		Cent.	Convicted.	Acquitted.
Offesces against the person with violence Offusces against property with violence Offusces against property without violence Malcieus effences against property Forgeries and offusces against the currency Miscellaneous effences	:	4,540 9,999 17,464 921 185 6,443	5,966 2,561 19,547 926 302 9,320	1,417 332 2,063 605 19 2,877	81-12 14-89 11-8 188-47 10-38 44-65	\$1:48 37:91 89:08 44:27 51:48 38:42	65:52 62:09 40:92 85:73 48:52 66:88

Gross increase on the year 1848, as compared with 1847, 7,313, or 23.43 per cent.

The regular troops stationed in Ireland since 1830 have n as follows:

Yests.	Ттооре.	Years.	Troops.	Years.	Troops.
1830	20,408	1837	18,480	1844	25,115
1851	16,701	1838	16,490	1845	23,776
1832	19,301	1839	16,964	1846	24,114
1833 1834	23,996 23,055	1840	14,95 6 14,687	1847	28,108 32,417
1836	18,962	1842	15,191	1849	25,367
1836	17,906	1843	11.476	1 (

The military department is under the control of the The military department is under the control of the commander of the forces, whose head quarters is at Kilmainham. He has under him 5 general officers, who respectively command one of the 5 military districts into which the island is divided. The ordnance, which is a branch of that of Great Britain, has its chief station at the Pigeon House Fort: attached to it is the staff of the trigonometrical survey of Ireland. There is at Kilmainham an hospital for decayed and disabled soldiers, similar to that of Chelsea.

Religious **Etablichement — The acceleration avenue.

us Establishments. - The ecclesiastical arra Retigions Reticonsmission in the economics and range ents that prevail in Ireland are at once anomalous and rational. The Reformation never made any considerments that prevail in Ireland are at once anomalous and irrational. The Reformation never made any considerable progress in the country, the new doctrines being only espoused by the English settlers within the pake. But after protestantism had been adopted by the bulk of the English people, and had been a solved by the bulk of the English people, and had been us and the established religion on this aide the water, it was determined to establish it as the state religion in Ireland. In pursuance of this resolution, the Catholic clergy were ejected from their livings, which were bestowed upon divines attached to the doctrines of the church of England. This change did not, however, produce any corresponding change in the religious feelings of the people, who seemed, indeed, to become the more attached to their ancient faith, according as their clergy were treated with harshness and injustice. In every other country, the stabilished religion, if there he one, is that of the great majority of the people; but in Ireland the established religion is and long has been that of a small minority—and that minority, he it observed, consists principally of the wealthy and best educated classes, who could, without difficulty, supply themselves with religious instruction! Such an arrangement is inconsistent with and subversive of every principle of sound policy and common sense. The grand object of an establishment should be the provision of religious instruction and consolation for the great bulk of the community, and

pared with 1847, 7,313, or 23.43 per cent.

| especially for those who are too poor to be able to provide it for themselves. But, in Ireland, the reverse of all this obtains. The established religion is alien to and repudlated by nine tenths of the pop., who regard it as erroneous in principle, and as a usurpation upon the rights and property of their ciergymen. These feelings are natural; and it is nugatory to suppose that they should be got rid of, so long as the existing arrangements are maintained. A Catholic establishment in England would not, in fact, be more irrational and absurd than a Protestant establishment in Ireland; and, so long as the latter is permitted exclusively to enjoy the revenues appropriated by the state for the support of religion, so long will it be an object of disgust and hostility to the Catholic people and clergy, that is, to the great majority of the natios, and be productive of the most implacable animostites.

Previously to 1834, when the Church Temporalities Act, the 3 & 4 Will. 4. c. 37, was passed, the country was divided into 39 bishoprics, corresponding nearly with lits four civil provinces, and these were farther subdivided into 39 bishoprics, theid by 18 bishops. But this hierarchy, obviously disproportioned to the wants of the country, was restricted within more moderate dimensions by the act referred to above. It reduced the archbishoprics of Cashel and Tuam to bishoprics; and divided the island into the Northern and Southern provinces, the archbishop of Dublin of the other. It also reduced the number of bishops to 10; and effected various changes in the revenues of the different sees, to take effect on the demise of the different sees, to take effect on the demise of the different incumbents by whom they were then occupied. The revenues arising from the cancelled bishoprica and other sources were whom they were then occupied. The revenues arising from the cancelled bishoprics and other sources were vested in commissioners, to be applied to the building and repair of churches and other ecclesiastical purposes. Under the old arrangement, the archibishoprics and bishoprics, with their revenues, were as follows:—

Armagh	•	•	-	-	•	•	#17,67 0
M eath and	i Clonme	molee	•		•	•	5,220
Clearber		•	•	•	•	-	10.371
Down and	Conner		•		•	-	A.896
Derry	•			•	•		14,193
Raphoe			•	•	•		6.787
Kilmore	•		-	-		-	7.478
Droinces		•	•	•	•	•	4,813
			LEURIT				
Dublin and	وحادة سودات	_			_	_	
DESCRIPTION OF	CHENCE	,	•	•	-	•	40,041
Kildare		•	•	•	•	•	6,452
(beary		_	_	_	_	_	2 244
1 1		-	-	-	-	-	2,500
Perms and	Letenan	•	•	•	•	•	6,000

415.327

	AUTO TE	8.			
Cashel and Emly -	•	-	-	•	£7,354
Limerick, Arafert, and Agh Waterford and Liemore	eoba	•		•	5,369
Waterford and Lismore		-		-	4,328
Cork and Ress -	•	-	•	•	4,346
Cloyne	•	•	•	•	5,009
Killalos and Kilfmora	-	•	•	•	4,041
	DOTAL	MT.			
Tuen and Ardech -	•	-	•	•	#8,206
Elphin	-	•		•	7,034
Clonfort and Kilmscousers	•	•	•		5,621
Killais and Achonry	-	•	-	•	4,082
		Te	stal Income	7	150,685
					4 44-4-

Under the existing arrangement, the dioceses incomes will be thus regulated:—

incomes with the thus regulated.—

412,087
4,068
8,000
4,204
6,253
4,640
439,212
7,786
4,200
5,000
2,198
8,470
4,978

The total income of the two archbishops, and of their ten suffragan bishops, will thus be 67,5394., being an average of 5,6284. to each.

The revenues of the suppressed bishoprics were, in the years ending 1st August, 1845, 1846, 1847 ---

	1845.	1846.	1847.
Ardagh Clonfort and Kilmacduagh Cork and Ross Dromore Eiphin Kildare and	2,588 8 2 3,216 7 7 4,646 16 6 3,785 19 1 6,180 1 10	2,321 7 104 1,825 18 64 4,341 0 85 4,335 9 10 7,163 10 114	# a. d. 2,596 14 0 1,134 8 9 2,904 7 11 4,518 8 5 4,951 17 3
Kildare and Deanery of Christ Ch Killala and Achonry - Osory - Raphoe - Waterford and Lismore -	4,073 0 4 5,049 11 3 6,108 18 9 4,561 7 7	5,254 13 94 5,011 11 0 8,524 16 1 3,960 7 2	2,906 13 10 2,986 5 11 2,245 1 3 4,654 5 11 3,377 12 5
Total -	40,160 11 1	42,770 15 11	32,638 5 6

On the demise of the present bishop of Clogher the revenues of that see, estimated at 10,000%, per annum, will fall into the hands of the commissioners; and on the next voidance of the sees of Armagh and Derry, a further income will be derived of 4,500% from the former, and 2,000%, per annum from the latter see.

further income will be derived of 4,500t. from the former, and 2,000t. per anuum from the latter see.

Exclusive of deans, prebendaries, and other dignitaries, reland is divided into about 2,400 parishes, and has about 1400 beneficed clergymen. The incomes of the prelates and other dignitaries are principally derived from the rent of lands let on lease, or rather on lease renewable by fine. The other clergy are partly previded for by glebe lands, but principally by titles, and in towns by an assessment called minister's money. In addition to the unpopularity attaching to the church of England in Ireland, from its being the church of a minority, the fact of its deriving the largest portion of its.

of England in Ireland, from its being the church of a mimority, the fact of its deriving the largest portion of its
income from tithes, tended materially to increase the
odium under which it has long laboured. The is every
where a most vexatious and impolitic tax; but in Ireland
it has been peculiarly noxious; for there the land being
mostly split into small portions occupied by poor Catholic
cottiers, the payment of tithe to Protestant clergymen is
not only felt to be a most oppressive burden, but it is, at
the same time, looked upon as a sacrifice imposed for the
promotion and advantage of heresy and error. It has
also been very unfairly assessed. By a resolution of the
Irish H. of C. in 1733, grass lands obtained an exemption
from tithe; so that while a tenth part of the produce of
a potato garden or slip of land, ou which, perhaps, a numerous family was dependent, went to the establishment,
the herds of the opulent grasier contributed nothing to
its support. Under such circumstances, we need not
wonder that, for a lengthened period, the payment of
tithes in Ireland was made with extreme reluctance,
and that their collection has, in innumerable instances,
been productive of outrage and bloodshed. At last, it
became next to impossible, in many parts of the kingdom, to derive any revenue from this source; and in
consequence it was attempted to substitute compositions
or fixed payments for tithes in the room of tithes themselves. But, though productive of some advantage, this
measure was comparatively useless, from its leaving the
composition to be paid by the occupier and not by the

AND.

landlord. To obviate this defect, an act was passed in 1838 (1 & 2 Victoria, cap. 109.) abolishing compositions for tithes, and substituting in their stead a fixed payment of three foorths of their amount (401,114.) to be made by the landlords or others having a perpetual interest in the land. This act, by relieving the tithe-collector from the necessity of coming into contact with the great bulk of the occupiers, has obviated a prolific source of predial disturbance, and been, in so far, advantageous. Still, however, it must not be supposed that either this or any other device should ever reconcile the Irish people to the appropriation of a large revenue to the exclusive use of the church of a small minority of their number. The effect of this preposterous arrangement is to insult and allemate the bulk of the population, who would be more or less than men if it ceased to encounter their rooted hostillity.

other device should ever reconcile the Irish people to the appropriation of a large revenue to the exclusive use of the church of a small minority of their number. The effect of this preposterous arrangement is to insult and allenate the bulk of the population, who would be more or less than men if it ceased to encounter their rooted hostility. The R. Catholic church is arranged nearly in the same manner as the established church previously to the late changes. There are four archibishops, the same in name and provincial rank as those of the Protestant church, and 28 bishops. Eight of the bishops.—Ardagh, Clogher, Derry, Down and Connor, Dromore, Kilmore, Meath, and Raphoe—are suffragan to Armagh. Dublin has but three suffragans.—Kildare and Leghlin united. Ferna, and Ossory. Six are suffragan to Cashel, namely Ardfert and Aghadoe (usually called the Bishop of Kerry, Cloyne, and Ross), Cork, Killaloe, Limerick, Waterford, and Lismore. Tuam has four suffragans.—Achonry, Clonfert, Killala, and Galway. The bishop of the united diocesses of Kilmacdusgh and Kilfenora is alternately suffragan to the archbishops of Tuam and Cashel.. The wardenship of Galway, formerly an exempt jurisdiction, subject only to the triennial visitation of the archbishop of Tuam, has been lately erected into a bishopric, under its former archiepiscopal jurisdiction during the vacancy. They also nominate one of their own body, or sometimes a stranger, as successor to the vacancy. They also nominate one of their own body, or sometimes a stranger, as successor to the vacancy. They also nominate one of their own body, or sometimes a stranger, as successor to the vacancy. They also nominate one of their own body, or sometimes a stranger, as successor to the vacancy. They also nominate one of their own body, or sometimes a stranger, as successor to the vacancy. They also moninate one of their own body, or sometimes a stranger, in the diocese elect a vicar-captitular, who exercises spiritual jurisdiction during the vacancy. They also moninate one

Exclusive of the injustice inflicted on the R. Catholics of Ireland, by the seizure of the funds belonging to their church, and their appropriation to the support of the clergy of the church of England, they laboured for lengthened period under the most degrading disabilities. The treaty of Limerick, in 1691, between the generals of William III. and those of James III. guaranteed to the Irish R. Catholics the same religious privileges they had enjoyed during the reign of Charles II. But this treaty was most shamefully broken; and during the reigns of Anne, George II. and George II. a series of acts were passed, constituting what has been called the Catholic penal code, which had for its object the extermination of the R. Catholic religion in Ireland. Its unnecessary to recapitulate the provisions of these statutes. Their spirit was succinctly and truly described by Mr. Burke:—" The laws made in this kingdom (Ireland) against papists were as bloody as any of those that had been enacted by the popish princes and states; and when these laws were not bloody they were worse: they were slow, cruel, outrageous in their nature, and kept men alive only to insult in their persons every one of the rights and feelings of humanity." (Letter to Sir H. Lengtush and the control of the proper state of the proper state).

rights and rectings of abundancy, gritist.)

Every body knows that this atrocious code entirely failed of its object, and that, instead of being exterminated, the R Catholic religion gained new strength and vigour from the persecution to which it was exposed.

Per damna, per cudes, ab ipac Ducit opes animumque ferro.

In the earlier part of the reign of George III., the leading statesmen of England became alive to the impolicy and mischievous operation of parts, at least, of the penal code; and its more offensive provisions were gradually

repeated. In 1798, the elective franchise was conceded to the R. Catholics; but they continued, down to a comparatively lake period, to be excluded from the privilege of having seats in the legislature, of being members of corporations, and of holding numerous public offices of trust and emolument. At length, in 1839, the R. Catholics were fully enancipated from all civil disabilities on account of religion, and were placed, as respects their political rights and franchises, nearly on the same footing as Protestants. e footing as Protestants.

That this measure was a great boon to Ireland is most true; but, though it allayed, it was not enough to extinguish, religious feuds and anisosities. Justice, and the most obvious dictates of policy, require, as already stated, either that the R. Cath. should be made the

the most obvious dictates of policy, require, as already stated, either that the R. Cath. should be made the setablished religion of Ireland, or, at all events, that the R. Cath. clergy should participate, proportionally to the aumber of their Socks, in the emoluments now exclusively engrossed by the clergy of the church of England. It is a contradiction and an absurdity to suppose that a great and decisive majority should ever quietly submit to be deprived of privileges possessed by a mority. This, however, is the state of things in Ireland; and, till it be radically and completely changed, the country will, no doubt, continue, as heretofore, to be disgraced and distracted by religious dissensions.

The Protestant dissenters are found chiefly in Ulster. They are classed in congregations, an indefinite number of which forms a presbytery, and delegates, partly ministers and partly lay elders, form the general synod, which requistes the ecclesiastical concerns of the body, and is presided over by a moderator chosen annually. The synod of Ulster is coexistent with the establishment of the Presbyterian doctrine and discipline in Ireland. The Southern Association, or Presbyterian Synod of Minnster, was formed shout 1660: the Presbytery of Antrim separated from the Synod of Ulster in 1727, and the Remonstrant Synod in 1829. The number of presbyteries and congregations in each body, and in the Seceding and Covenanters' synods are as follows:—

	Presbyteries.	Congregations.
General Synod of Ulster	24	275
Presbyterien Synod of Munster	2	15
Presbytery of Antrim —	1	13
Memonstrant Synod —	4	27
Secedess —	10	152
Covenitors	4	28

The Methodists are divided into two societies—the Wesleyan and the Primitive Wesleyan; the number in both societies is 27,546. The Independents, or Congregational Union, a separate body from Presbyterians or Methodists, have 85 congregations.

The Society of Friends, or Quakers, are most numerous in Dublin, the Queen's Co., and Armagh. The United Brethren, or Moravians, have establishments in Dublin and Antrim. The Jews have a synagogue in

The numbers attached to each religious persuasion in Ireland, in 1834, were, according to the returns of the Commissioners of Public Instruction, as follow:—

Denominations.		Number.	Centesimai Prop.
Betablished Church	:	852,064	10-728
Romen Cathelies -		6,427,712	80-913
Presbyterians -		642,356	8-086
Other Desenters -		21,809	0-275

Or, in round numbers, out of every hundred souls, 11 are of the establishment, 81 R. Catholics, and 8 Protest-

and dissenters.

Education.—The principle of educating the great body of the people was fully recognised at the Reformation. An act of 28 Henry VIII. bound every beneficed clergyman by oath, on his incumbency, to keep or cause to be kept a school in his parish. A subsequent est of Elizabeth required the bishop and beneficed clergy of Elizabeth required the bishop and beneficed clergy of overy diocese to maintain a grammar-school. But in nine cases out of ten, the eath and the act were alike disregarded; and the few schools that were organised were founded on sectarian principles, being intended for the exclusive use of the dominant sect. In 1733, a society was established by charter, for founding schools at the public expense, in which the children of the poor should

be taught the elements of literature, and instructed in useful works. But though the avowed, this was not the real object of this society, which exerted itself to undermine the Catholic religion by educating Catholic children in the principles of the Protestant faith! But this attempt at proselytism was soon discovered; and the achools were, of course, deserted by all but Protestants, and have, in fact, served as so many feer for the dissemination of bigotry rather than of really useful instruction. But though thus thrown upon their own resources, the Catholic peasantary of Ireland were by no means undecated, at least, if we understand by education, instruction in reading, writing, and the common rules of arithmetic. But we regret to have to add, that the moral character of their education was too generally of the most objectionable description; and that, instead of improving, it not unfrequently tended to debase and pervert the mind, and to familiarise the young with immorality and disorder. In these respects, however, great improvements have been effected within these few years, and the character both of the country schoolmasters and of the school books (formerly of the worst possible description), has been greatly ameliorated.

In 1815, a society in Dublin, for the suppression of vice, received a large parliamentary grant for the instruction of the poor on the principles of the established church; and, in 1819, a society for the instruction of the poor on the principles of the established church; and, in 1819, a society for the instruction of the poor on the principles of the established church; and, in 1819, a society for the instruction of the poor on the principles of the established church; and, in 1819, a society for the instruction of the poor on the principles of the established church; and, in 1819, a society for the instruction of the poor on the principles of the established church; and, in 1819, a society for the instruction of the poor on the principles of the established church; and in 1819, a s

meetings.

meetings. These societies failed, however, in producing a general effect. The grants of public money, by which the chartered schools were chiefly maintained, were withdrawn, from a conviction of their insefficacy, and of the abuses which had crept into their management. The grants to the society for the suppression of vice, and the Kildare Street Society, were also withdrawn, in consequence of their want of success, and of their real or supposed interference with the religious tenets of the pupils. In 1823, the public money hitherto parcelled out among these associations was vested in the lord lieutenant, to be expended in promoting the education of the children of every religious denomination under the superintendence of commissioners forming a board of National Education. Education in the national schools is strictly confined to the common and most useful branches National Education. Education in the national schools is strictly confined to the common and most useful branches of secular knowledge, the religious instruction of the pupils being, in every case, left to the care of their parents and the priests of the denominations to which they belong.

The commissioners comprise some of the highest digni-

they belong.

The commissioners comprise some of the highest dignituries, both of the Protestant and R. Catholic churches; and some distinguished Protestant and Catholic laymen. They seem to have discharged their important functions with great diligence and impartiality. The schools they assist in establishing, though opposed by the bigots of both factions, appear to be making the most satisfactory progress; and will, no doubt, be productive of great public benefit. We subjoin an account of the progress of the national schools since their commencement in 1833.

Years.	Schools.	Pupils.	Parl. Grants.
1833	789	107,048	25,000
1834	1.106	145,521	35,000
1835	1 13181	153,707	85,000
1836	1,300	166,929	35,000
1837	1,384	169,548	50,000
1838			1
1839	1,561	192,971	50,000
1810	1.978	232,560	50,000
1841	2,337	281,849	57,000
1942	2.721	819,798	55,000
1843	2,912	855,320	55,000
1844	5,153	895,550	75,000
1845	8,496	432,844	85,000
1846	3,637	456,110	100,000
1847	3,825	402,632	120,000
1848	4,109	507,469	125,000

The comparative progress of the system through the several provinces appears from the following table, showing the number of the schools and teachers in 1847, and the number of pupils, both male and female, as returned by the managers half-yearly:—

		No. of Schools in operation on	No. of	No. of Children on the Rolis, as returned by the Managers, for the half-years ending					Number of Teachers.		
Provinces.	the 31 st Dec., S1st March, 1847. 30th September, 1847.										
		1017.	Males.	Females.	Total.	Males.	Pemales.	Total.	Males.	Females.	
Ulster - Munster - Leineter - Comanght	:	1,598 817 940 460	79,124 51,000 63,188 25,833	57,441 46,912 50,510 19,159	136,565 97,918 103,693 44,992	73,752 57,162 58,775 23,880	58,779 51,014 55,558 18,346	132,524 108,176 114,233 42,226	1,839 615 645 843	389 388 459 176	
Total		8,825	209,140	74,022	\$85,162	213,569	133,690	897,259	2,941	1,598	

Of the children educated, fully one-seventh are Protestants, which is not less than a fair proportion, as the Protestant poor certainly do not exceed one-seventh part of the noor of Ireland

testant poor certainly do not exceed one-sevents part of the poor of Ireland.

The Sunday School Society, formed in 1809, for the moral and religious instruction of children unable to attend schools on week days, had in connection with it, in 1849, 2.936 schools, attended by above 20,000 teachers and 224,771 pupils. It is maintained wholly by volun-

tary contributions.

There are several collegiate institutions for instruction in the higher departments of science and literature. Among them are Trinity College, Dublin, the only university entitled to confor degrees in all the faculities, the R. Catholic College at Maynooth, the Academical Institution in Belfast, &c. Some details relating to each of

stitution in Belfast, &c. Some details relating to each of these are given in the accounts of their respective localities. (See Dublin, Mannouth, Belfast.)

More recently, however, or in 1845, an act was passed (8 & 9 Vict. c. 65), for founding new colleges in Ireland with liberal endowments, on an enlarged and comprehensive plan. In pursuance of this act, colleges, denominated the "Queens" have been opened in Belfast, Cork, and Galway. The professors have been selected with the greatest care, regard being solely had to their moral, literary, and scientific character, without inquiring or caring whether they were R. Catholics or Protestants. Religious instruction is given in the class-rooms of the colleges; but attendance at such times is quite voluntary on the part of the students; and no religious test, qualiconeges; our attendance at such times is quite voluntary on the part of the students; and no religious test, quali-fication, or declaration is required to enable any one to enter the college, or to contend for its honours and prizes. These institutions were intended by Sir Robert Feel, by whom they were founded, to furnish the best classical, whom they were founded, to furnish the best classical, literary, and scientific education to all ranks and orders of Her Majesty's subjects; and they appear embently well fitted to realise his enlightened views. They have, however, we are sorry to say, encountered the marked hostility of the more bigoted portion of the Catholic clergy; and, though we would fain hope for better things, we should not be surprised were the attendance of the R. Catholic youth at these colleges prohibited by the Pone.

R. Catholic youth at these conegres promotical of the Pope.

Poor. — Notwithstanding the great natural advantages of the country, it has, as already seen, been overspread with a redundant population, in such depressed circumstances as to be involved in the extreme of destitution on any failure of the potato crop; and there is also, at all times, much suffering, arising from the pressure of want. Down to a recent period there was no efficient provision for the relief of the poor, who, in consequence, had to depend wholly on private benevolence. Mendicity was practised to an extraordinary extent, and strangers had to depend wholly on private benevolence. Mendictly was practised to an extraordinary extent, and strangers in Ireiand were shocked by the swarms and disgusted by the importunity of beggars of all ages and sexes, and in the most abject state of poverty, that infested the roads and public places. Such a state of things was a disgrace to a country pretending to be civilised. But discreditable as it was, it could not be materally knproved without instituting a compulsory provision for the support of the poor, which was long successfully resisted, through the prevalence of unfounded theories with respect to its operation in this country. At length, however, sounder opinious gained an ascendancy; and parliament became impressed with the conviction that it was indispensable, in order to preserve the tranquility of the became impressed with the conviction that it was indis-pensable, in order to preserve the tranquillity of the country in seasons of scarcity, to make some more effec-tual provision for the support of the poor. This was done by an act passed in 1838, which introduced the principle of compulsory assessment for the poor into Ireland; and which, while it serves to protect the popu-lation from falling a sacrifice to the extremity of want, is a new and powerful motive to the landlords to oppose the splitting of farms, and to take a greater interest than they previously did in the condition of the cottlers and others inhabiting their estates. In both these respects, the compulsory assessment has been eminently useful. This system is placed under the control of the Foor Law Commissioners for England, and is now extended over Commissioners for England, and is now extended over the whole country.

the whole country.

The Poor Law came into operation in 1839, but none of the workhouses were opened for the admission of paupers till 1940. Since 25th March, 1846, all the workhouses in Ireland have been open, and a rate has been made in every union. The following (see next column) is a series of the returns of expenditure of every kind, and of the numbers of paupers relieved in the workhouses, from the commencement of proceedings under the Relief Act, to 29th September, 1848:—

Races, Character, and Condition of the People It seems to be admitted on all hands that the first inhabitants of Ireland, of whom history has preserved any account, belonged to the great Celtic family. Much ingenious conjecture has

Year.	No. of Unions.	Expenditure.	Paupers
1840	4	#37,057	10.910
1841	87	110.278	31,108
1849	87 92 106	281,233	87,604
1813	106	244,374	87,896
1844	1 115	271,344	105,358
1815	123	816,025	114,205
1816	179	485,001	243,933
1847	130	803,686	417,139
1848	131	1.835.310	610,463

The number of paupers relieved in the 131 unions in the year ended 29th September, 1848, was as follows: —

n workhouses 30th September, 1847 - Admitted into, and born in, workhouses, dan	- 85,20)
the year ended 29th September, 1848 Discharged and died during the year	- 525,251 - 486,460)
lemaining at close of the year Relieved in the workhouses during the year Relieved out of workhouses	- 194,000	610,40 1,433,00
Total		2.043.50

been expended on the question whence Ireland derived her earliest colonists; and the claims of Britain, France, Spain, Scythia, and even Troy, to the honour of being the mother country of the Irish, have all been supported with some learning and much confidence. We shall not enter on this slippery arena; but shall content ourselves with observing that, owing to the greater proximity of Britain to the Continent, it is most probable that she was peopled before Ireland; and the latter being nearer to Britain than to the Continent, it is for the same reason most probable that she was either wholly peopled from Britain, or principally from her, but partly also from

Though there be no direct evidence of the fact, it may, perhaps, be inferred that Ireland was visited at an early period by Phœnician, or rather Carthaginian ships; but, in those days, this must have been a long and perilous voyage; and there are no grounds whatever for thinking that it was of common occurrence, or that the Phænicians ever made any settlement in the

country.

The Irish belong to what is called the Gaelic division of the Celtic family; having, as is sup-posed, emigrated from Britain when the latter was invaded and settled by the Cimbri or Northern Celts. About the period when the Romans withdrew from Britain, a tribe called the Scoti began to acquire a preponderating influence in Ireland, which, from the 5th to about the 11th century, was thence called Scotia. But about the latter period this tribe, having effected a settlement on the W. coast of N. Britain, its name was transferred to that country, which still retains it, and Ireland again recovered its old name of Hibernia, Ierne, or Ireland. The greatest diversity of opinion exists, and an almost impenetrable obscurity hangs over every circumstance connected with the establishment of the Scoti in Ireland. Colonists from Belgium are known to have settled in it, and Pinkerton supposes that they were the progenitors of the Scoti; but this is disputed by Moore and others, who contend that the settlement of the Scoti in Ireland is comparatively recent; and that they were of Scandinavian origin.

But though these Belgian or Scandinavian immigrants succeeded in obtaining an ascendancy in parts of Ireland, they were not sufficiently numerous to make any considerable change in the language, character, or institu-tions of its Celtic inhabitants. "The conquering tribes themselves, one after another, became mingled with the general mass, leaving only in those few Teutonic words, which are found mixed up with the native Celtic, any vestige of their once separate existence." (Moore's Ireland,

The number of English settlers in Ireland one to which the lower Irish are peculiarly was long inconsiderable. Till the plantation of addicted, and that from which the most serious Ulster, in the reign of James I., they were mostly, indeed, confined to the E. and S.E. counties; where, though they had partially changed the language, they had effected comparatively little change in the habits and manners of the people. The pop. of Connaught, and generally of all the western and of a large portion of the other parts of the island, may, even at this day, be considered as of nearly pure Celtic origin; and in several of the remoter districts Celtic is now the ordinary language of the common people. And, notwithstanding the differences that may easily be traced in different parts, from the intermixture of English and Scotch blood, the entire pop. has a peculiar and distinctive character, that is not to be mistaken. It may, in general, be said of the Irish, that they are ardent in their affections, credulous, vain, fond to excess of inflattery, irascible, easily influenced by sudden impulses, uncertain, and usually in extremes. Hence the facility with which they have been duped by the merest impostors; and their proneduped by the merest imposions; and their prone-ness to believe every falsehood, how gross soever, that flatters their prejudices. They are wholly destitute not merely of the foresight and pru-dence, but also of the resolution and steady perseverance of the English and Scotch: and though their bravery be unquestionable, and they will undertake any thing, they are very apt, if they do not succeed at the first onset, to become dis-pirited, and to despond. They are eminently witty, hospitable and social; though often par-simonious, prodigality is one of their distinguishing traits; as is their light-hearted, contented disposition: but this frequently degenerates into thoughtlessness; and, how advantageous soever in some respects, by disposing them to be satis-fied with existing circumstances, it tends to hinder their making any persevering and well-concerted efforts for their improvement,

Dr. Crumpe, in his valuable essay on the employment of the people, has the following statements with respect to the character of the lower Irish: — "Two leading and naturally allied features in the character of the lower Irish are idleness and inquisitiveness, especially when hired and employed to perform the work of others. The moment an overseer quits them, they inevitably drop their work, take snuff, and fall into chat as to the news of the day; no traveller can pass them without divert-ing their attention from the business in hand, and giving rise to numerous surmises as to his The most person, errand, and destination. trivial occurrence, especially in the sporting line, will hurry them, unless restrained, from their occupations. Even the sedentary manufacturer will, on such occasions, quit his em-ployment. Nothing is more common than to see a weaver in the N. start from his loom on bearing a pack of hounds, and pursue them through a long and fatiguing chase. A ten-dency to pilfering and theft is very predo-minant among them, and connected with this vice is the prevalence of low cunning and lying; and, as their accompaniment, may be mentioned a fawning flattery. The blunt ho-nesty, the bold independence of the English yeoman, are wanting; and in their stead too generally substituted the petty dishonesty of the vassal, the servility and artifice of the slave. Drunkenness is an evil of considerable magnitude in the catalogue of national vices. It is

obstructions arise to their industry and employment. That vile beverage, whisky, so cheaply purchased, and so generally diffused, affords them an easy opportunity of gratifying this destructive passion. As one consequence of the general prevalence of ebriety, the lower Irish are remarkably riotous. I do not here so much allude to Whiteboyism, and other public disturbances, which owe their origin chiefly to other causes, as to their quarrels among themselves. Their fairs are frequently the scenes of confusion, riot, disturbance, and bloodshed. Combinations, too, risings, and outrage among tradesmen, are far from unusual, and on pretexts that are truly ridiculous. usual, and on pretents that are truly ridiculous. The Irish are, also, to a remarkable degree, lawlessly inclined. It is well known that instead of being anxious to apprehend offenders, or to assist the execution of the law, they are, in general, ready to give the former every assistance to escape; and to resist the latter, unless awed by a superior force." (Essay, pp. 170—175.)

175.)
We believe that this, though not a very flattering, is a perfectly fair statement. But some,
at least, of the defects of national character, specified by Dr. Crumpe, originate in circumstances that either have been, or admit of being obviated. Drunkenness, happily, is now, one should think, in a fair way of being expunged from the list of Irish vices; and with it will disappear the riots and disturbances to which it gave birth. The idleness of the Irish, though in part constitutional, is in part, also, a consequence of the minute division of the land, and of the impossibility of its occupiers finding any regular or Their proneness to continuous employment. combination and outrage, their readiness to obstruct the course of law, and to assist the escape of malefactors, were formerly promoted, if not occasioned, by oppression and misgovernment, and now they are the results of their desperate efforts to keep possession of their patches of land. Down to a comparatively recent period the native Irish had not, and could not be expected to have, any confidence in the law. They were, in fact, a proscribed and enslaved race, among whom it would have been preposterous to look for "blunt honesty," and "bold independence." And notwithstanding the "oppression and extortion" to which the Irish were formerly subject have disappeared, their effects will, it is to be feared, be long visible, and with the defects inherent in their character will make their regeneration a work of extreme difficulty. Agitation is still rife in the land. The peasantry are taught to ascribe all the ills with which they may be visited to misgovernment, or to their connection with England. Nothing is ever set down to account of their own improvidence, or want of industry. On great emergencies, such as a scarcity of food, or of employment, they become quite paralysed; and instead of exerting their energies, sink into despair, or, at best, abuse the government which feeds them. These evils can only be modified by slow degrees; by government pursuing a consistent and impartial course; placing the Catholics on a level with the Protestants, in respect of religious endowments as well as of civil rights; diffusing sound in-struction; discouraging agitation; enforcing, at all hazards, the empire of the law; and adopting every practicable method for preventing the further splitting of the land, and for promoting its consolidation into larger farms.

Wages in Ireland vary from about 1s. to about E 2

An intelligent physicism at Limerick, whose work received prize awarded by the Royal Irish Academy for the best essay on the subject of which it treats.

6d. a day; but at neither rate is employment a diminished scale, their relative local degrees constant, and in parts of the country half the of comfort or of penury are maintained nearly labourers are all but unoccupied for nearly half the year. Under such circumstances, it is needless to add that their food, clothes, &c. must, speaking generally, be of the most inferior description. In these respects, however, there are some material differences; and in the N. E. and eastern counties, but especially the first, the condition of the peasantry is much superior to what it is in the S.W. and W. We subjoin, from the Report on Railways*,

the following statements with respect to the condition of the pop. in the N.E., S.E., E.,

and W. divisions of the country.

"In the first (N.E. division) they are better lodged, clothed, and fed than in the others: the wages of labour are higher, being, at an average, about 1s. per day; and their food consists chiefly of meal, potatoes, and milk. They are a frugal, industrious, and intelligent race; inhabiting a district for the most part inferior in rrugal, industrious, and intelligent race; innabiling a district for the most part inferior, in natural fertility, to the S. portion of Ireland, but cultivating it better, and paying higher rents in proportion to the quality of the land, notwithstanding the higher rate of wages.

"In the southern districts we find a population whose condition is, in every respect, inferior to that of the northern. Their habitations are that of the northern. worse; their food inferior, consisting at best of potatoes and milk, without meal: the wages of labour are found reduced from 1s. to 8d. per day; yet the peasantry are a robust, active, and athletic race, capable of great exertion, often exposed to great privations, ignorant, but eager for instruction; and readily trained, under judicious management, to habits of order and steady

industry.

"The population of the midland (eastern) districts does not differ materially in condition from those of the south; but the inhabitants of the western district are decidedly inferior to both, in condition and appearance: their food consists of the potato alone, without meal, and in most cases without milk: their cabins are wretched hovels; their beds straw; the wages of labour are reduced to the lowest point, upon an averrage not more than 6d. per day. Poverty and misery have deprived them of all energy; labour brings no adequate return, and every motive to exertion is destroyed. Agriculture is in the rudest and lowest state. The substantial farmer, employing labourers, and cultivating his land according to the improved modes of modern husbandry, is rarely to be found amongst them. The country is covered with small occupiers, and swarms with an indigent and wretched population. It is true, that some landed proprietors have made great exertions to introduce a better system of agriculture, and to improve the condition of their immediate tenants; and a few of the lesser proprietors have made humble at-tempts to imitate them; but the great mass of the population exhibits a state of poverty bordering on destitution.
"The distinctions we have drawn as to the

usual diet of agricultural labourers in the differ-ent parts of Ireland, are strictly applicable to those only who have regular employment. When they are out of work, which is the case in many places during three or four months of the year, the line is not so easily perceived. Then a reduction in the quantity as well as in the quality of their food takes place; but still, though on

of comfort or of penury are maintained nearly according to the above classification. In no extremity of privation or distress, have the pea-santry of the northern counties approached to a level with those of the W.; while Leinster and the greater part of the S., though sometimes reduced to the lowest condition, retain, generally, even in the most calamitous periods, a shade of superiority. There are districts, indeed, in every quarter of the land, where through peculiarities of situation, or o her causes, distress falls with an equal pressure upon all; but such exceptions are rare, and so limited in extent, as scarcely to qualify the foregoing observations."

p. 5.) In another part of the same Report, the commissioners give the following information with respect to the deterioration in the condition of the lower orders: - " Among the effects of the rapid increase of pop., without a corresponding increase of employment, the most alarming, though, perhaps, the most obviously to be expected, is a deterioriation of the food of the peasantry. It could scarcely be thought, indeed, that their customary diet would admit of any reduction, save in quantity alone; yet it has been re-duced as to quality also, in such a way as sensibly to diminish their comfort, if not to impair their health. Bread was never an article of common use amongst the labouring poor; but it is now less known by them than formerly. Milk is become almost a luxury to many of them; and the quality of their potatoe diet is generally much inferior to what it was at the commencement of the present century. A species of potato called the 'lumper,' has been brought into general cultivation, on account of its great productive-ness, and the facility with which it can be raised from an inferior soil, and with a comparatively small portion of manure. This root, at its first introduction, was scarcely considered food good enough for swine; it neither possesses the farinaceous qualities of the better varieties of the plant, nor is it as palatable as any other, being wet and tasteless, and, in point of substantial nutriment, little better, as an article of human food, than a Swedish turnip. In many counties of Leinster, and throughout the provinces of Munster and Connaught, the 'lumper' now constitutes the principal food of the labouring peasantry; a fact which is the more striking, when we consider the great increase of produce, together with its manifest improvement in quality, which is annually raised in Ireland, for exportation and for consumption, by the superior

classes." (p. 81.)
This certainly is a very unfavourable statement; but it is not possible that wealth should increase in the hands of the upper and middle classes, without the lower ultimately participating

in its advantages.

History. -The early accounts of Ireland are singularly disfigured by fable. It was not invaded by the Romans, whose knowledge of it could, therefore, be derived only from the reports of the Britons, or of natives of Ireland in Britain. The fair presumption, however, is, that its inhabitants were then more barbarous than even those of this island. † In the 5th century Christianity was introduced into Ireland by St. Patrick, a native of N. Britain, who, in his youth, had been carried a captive into Ireland. Along with the

[†] Pomponiu

gospel the British missionaries introduced the letters and learning of Rome; and a school founded at Armagh, not long after, became famous in most parts of Rurope; but it would be as inconsequential to infer, from the fact of this and a few other schools existing in the country, that it was then distinguished by literature and civilization, as it would be to allege that such was the case with the Western Islands, and the adjacent parts of the mainland of Scotland, in the 8th century, because there was then a celebrated monastery and school in lone!

The accounts of the political state of Ireland, previously to the English invasion, are obscure and contradictory. This much, however, may be gleaned from them, that the island was parcelled out into a number of semi-independent states, which sometimes did, and sometimes did not, acknowledge their dependance on a chief prince or king of all Ireland. Incessant hostilities were waged by the petty soversigns against each other, which were not even interrupted by the invasion of the Danes in the 9th century. The latter, in no very long space, became masters of the greater part of the coasts of the island; and occupied the ports of Dublin, Wexford, Waterford, and Cork, where they were taken by the English.

English.

The successors to the petty sovereigns, or to the chiefs of clans or septs, were called tenists, and were generally elected from the family or kindred of the reigning prince or chieftain during his lifetime. Females were excluded from the succession, and minors were never chosen as tanists; the object being to have a prince of mature years always at the head of the seigniory or clan, who might be able to direct their operations, and to defend them from hostile attacks. The laws of the Irish were such as might be expected to prevail among a rude and barbarous people; and were administered in the open air by hereditary judges, denominated brekows. The most atrocious crimes might be compounded for by the payment of an eric, or fine; and, administered in the open air by hereditary judges, denominated brekens. The most strorious crimes might be compounded for by the payment of an crie, or fine; and, as in all cases a considerable portion, and in some cases the whole, of the fine went to the lord, or chief of the sept, his interest obviously led him to encourage rather than to repress crime! The laws with respect to the succession to fixed property were such as would have alone served fixed property were such as would have alone served to extinguish all industry. "Through the whole country," says Leland, "the tenure of lands dermined with the life of the possessor; and, as the crimes or misfortunes of men frequently forced them from one ribe to another, property was eternally fluctuating, and new partitions of lands made almost daily. Hence the cultivation of lands was only in proportion to the immediate demands of nature, and the tributes to be paid to superiors." (Hist. of Ireland, Introduct., p. 34.)

A people with such institutions could not be otherwise than barbarous; and such, in fact, they were. They had made little or no progress even in the most necessary arts; and were, with few exceptions, entire strangers to civilisation and refinement. "Neither was it possible to reform the evil customs that prevailed among the Irish, without altering their government; nor could that be accomplished by any other means than by their being subjected to some more civilized foreign power." (Lytiteton's Henry II., v. 56.; where the reader will find an excellent account of the state of Ireland previously to the English novasion.)

yower." (Lystaeton's Henry II., v. 56.; where the reader will find an excellent account of the state of Ireland previously to the English invasion.)

Soon after the English conquest effected by Henry II., in 171, the island was divided by John into 12 counties. But, though the king of England received the submission of the Irish chieftains, and was nominally lord of Ireland, his authority was, for a lengthened period, only partially recognised. The native families of O'Conor, O'Neil, O'Melaghlin, Byrne, and O'Toole, still asserted, and, to a certain degree, exercised sovereign authority in Connaught, Ulster, and part of the midland districts. Even in Leinster and Munster, where the English were principally settled, and which had partially adopted the laws and constitution of England, the sovereign authority was far from being generally or firmly established. The allegiance of several of the great feudal barons, who held extensive tracts of land, was frequently little better than nominal. The English families of De Burgh in the W., of Desmond in the S., and of Butter in the central parts, adopted the manners of the natives, and often became the declared and most dangerous enemies of their mother country. At one time there were 9 counties plastine, with independent jurisdiction, in the part of the laland subject to England, and distinguished by the name of the pale. The miseries resulting from the interminable disorders inseparable from such a state of things, were increased in 1215 by an invasion of the Scotch, under Edward, brother of Robert Bruce. He overrant the greater part of the country, but was finally defeated and killed near Dundalk. The resources of the country, our was finally defeated and killed near Dundalk. The resources of the country, our was finally defeated and killed near Dundalk. The resources of the country, our was finally defeated and killed near Dundalk. The resources of the country our was finally defeated and killed near Dundalk. The resources of the country our was finally defeated and

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Richard III., and the accession of Henry VII. had terminated this sangulary stuagle, Ireland was chosen by the defeated party of the Yorkist as a theatre on which to commence a system of operations for the dethronoment of the new monarch. In consequence, Lambert Simnel was sent thither by the Duchess of Burgundy, as the descendant and representative of Edward IV. His title was acknowledged by the Angio-Irish, and he was crowned in Dublin with all the ceremonies attendant on the inauguration of the ancient Irish sovereigns. A similar, though less vigorous effort was afterwards made in favour of Perkin Warbeck, whose title was also acknowledged in the B. of Ireland.

In 1485, a parliament assembled at Drogheda, under the presidency of Sir Edward Poynings, then lord-deputy, passed some very important statutes. By one of these, afterwards well known in Irish history by the name of "Poyning's Law," effectual provision was made for maintaining the ascendancy of the government of England over the legislature of Ireland. With this view it was enacted, that no parliament should in future be holden in Ireland without license from the king; and that no bill or draft of a law should be submitted to its consideration, without having been previously sent over to England by the Irish government for the approval, alteration, or rejection of the king; so that the power of the irish parliament was thus, in fact, limited to the mere acceptance or rejection of bills approved or modified by the English government.

This act was much and justly complained of at a later period; but, when passed, it was a decidedly popular measure. Poyning's law obviated, in some measure, the most part, the mere instruments of the faction that happened to be ascendant at the time; so that their enactments were often conflicting, and the administration wanted consistency. Poyning's law obviated, in some measure, these defects; and parliament thenceforth became dependent rather on the government of England than on any particular faction or party in Irel

part, the mere instruments of the faction that happened to be ascendant at the time; so that their enactments were often condicting, and the administration wanted consistency. Populing's law obviated, in some measure, these defects; and parliament henceforth became dependent rather on the government of England than on any particular faction or party in Ireland.

Early in the reign of Henry VIII, the spirit of insurrection broke out in a formidable shape. The chief authority had previously been exercised for a lengthened period by the rival families of the Fitsgeralds and Butlers, whose heads were the Earls of Kildare and Ormond. The former of these noblemen was at this period lord-lieutenant. On being summoned to England, to answer charges brought against his government, he appointed his son, Lord Thomas Fitsgerald, his deputy. The latter, on a false rumour of his father's execution in London, not only threw up the reins of government, but declared himself an open enemy to the English monarch, ravaged the pale, and laid siege to Dublin, where he was repulsed by the gallantry of the citisens. Having soon after surrendered to Lord Grey, the new lord-lieutenant, he was sent prisoner to England, where he explated his offences on the scaffold, along with several of his near relations, who, though unconnected with his acts, were unjustly implicated in their consequences. The introduction of the Reformed doctrines, which was effected with equal violence and contempt for the prejudices of those within and without the pale, brought and evelement of discord into Ireland. The native Irish were devoted adherents of the church of Rome. Their hostility to the new doctrines did not, however, display itself openly during the reign of Henry, who, about this time, changed his title of lord to that of king of Ireland, nor in the reign of his protestant successor. Edward VI.; but it broke out with unrestrained fury in that of Deliander of rebellion. He was supported by a Spanish armament, which took possession of Kinssle, without,

continued to be a prey to all the horrors of civil war till 1649, when Cromwell appeared in the field, at the head of a well-disciplined and powerful army. Having taken Drogheda by storm, he delivered it up to military execution; and such was the terror inspired by the fate of this city, that almost all the strongholds belonging to the party of the Catholics soon after fell into his hands, we shall be a supported by the fate of the party of the Catholics soon after fell into his hands, we shall be a supported by the fate of the catholics soon after fell into his hands, we shall be supported by the fate of the f

cution; and such was the terror inspired by the fate of this city, that almost all the strongholds belonging to the party of the Catholics soon after fell into his hands, and the English supremacy was, for the first time, established in every part of ireland.

The confiscations that followed Cromwell's success were upon so vast a scale that about four fifth of the soil was transferred to new proprietors, either parliamentary soldiers, or speculators, called adventurers, who had advanced money to carry on the war.

After this tremendous visitation Ireland continued tranquil, and began to advance considerably in prosperity, till the events connected with the Revolution of 1688 again made it the theatre of fresh and sanguinary contests. After the flight of James II. from England, he landed, with a view to retrieve his fortunes, in Ireland, where he was received with open arms by the Catholics and having brought with him from France a number of experienced troops and officers, partiy Irish and partly French, he soon found himself at the head of a powerful army. Luckily, however, he was wholly without the alents necessary to ensure success in such an enterprise. The battle of the Boyne, on the lat of July, 1690, gained by William III., turned the scale completely in favour of the latter; and the battle of Aughrim, on the 12th of July, 1691, when the British under Ginkeli, afterwards earl of Athlone, obtained a decisive victory over the troops of James II., commanded by St. Ruth, who fell in the action, was the last grest effort made by the Irish to achieve their independence. The remains of the Irish forces, having retreated to Limerick, capitulated under conditions embodied in the famous convention called the treaty of Limerick. We have already noticed the violation of this treaty. It is due, however, to the memory of our great deliverer, William III., to state that he was no willing party to its violation. This is entirely to be ascribed to the intolerance of the English and Irish protestants, who, fushed with vic the last event, were manifestly the effects of national harred and scorn towards a conquered people, whom the victors delighted to trample upon, and were not at all afraid to provoke. They were not the effects of their fears, but of their security. They who carried on this system looked to the irresistible force of Great Britain for their support in their acts of power." (Letter to Sir H. Langrish, p. 44.).

The violation of the treaty of Limerick being accompanied by the most extensive confiscations, and followed up by the enactment of the renal code, completed the

and numanum of the treaty of Limerick being accompanied by the most extensive confications, and followed up by the enactment of the penal code, completed the prostration of Ireland. There being no longer any means of rising, nor even security at home, the aspiring Catholic youth sought employment and distinction in the service of France, which, for a lengthened period, drew large supplies of recruits from Ireland. Hence, by a singular contradiction, the same revolution that established freedom of conscience and a liberal system of government in England and Scotland, established an odious despotism and persecution in Ireland. In the words of Mr. Burke, "It established, in defance of the principles of our revolution, the power of the smaller number, at the expense of the religious liberties of the whole."

the whole."

But, as already stated, the penal code failed to effect its object; and, instead of being exterminated, the Catholics gradually acquired a still greater numerical superiority. At length, in the earlier part of the reign of George III., the rigour of the code began to be abated, and the Catholics ceased to be regarded as mere ferme

Mature.

One of the most curious chapters in Irish history is that connected with the embodying of the volunteers in 1782, and the revolution that was soon after effected in 1782, and the revolution that was soon after effected in the constitution of Ireland. The difficulties in which Great Britain was then involved having occasioned the withdrawal of the greater number of the toroops from Ireland, rumours were propagated of an expected invasion of the island by the French; and, to meet this contingency, the Protestants of Ulster and other parts took up arms, and formed themselves into volunteer corps. These bodies soon became sensible of their strength; and having appointed delegates and concerted measures, they proceeded to set about reforming the constitution.

IRKUTSK.

In this view they published declarations to the effect that Ireland was a free and independent kingdom, and that no power on earth, except that of the king, lords, and commons of Ireland, could legally enact laws to bind Irishmen. These declarations, which struck a direct blow at the superiority hitherto claimed and asserted by the British parliament, might, and most probably would, at at another time, have been successfully resisted. But Great Britain, being then engaged in a desperate contest with her revolted colonies, and with almost all the Great European powers, prudently made the concession demanded by the Irish volunteers; and the Independence of Ireland was proclaimed amid the most enthusiastic demonstrations of popular rejoleting.

In truth, however, this independence was apparent only. The wretched state of the elective franchise in Ireland was totally inconsistent with any thing like real

only. The wretched state of the elective franchise in Ireland was totally inconsistent with any thing like real independence; and so venal was the Irish parliament, that any minister, how unpopular soever, had no difficulty in securing a majority in that assembly. Hence the anticipations in which the more sanguine Irish patriots had indulged were destined soon to experience a most mortifying disappointment; and this, and the hopes inspired by the French revolution, terminated in the rebellion of 1798, which was not suppressed without a repetition of the former scenes of devastation and bloodshed.

bloodshed.

The British government at length wisely determined to effect a legislative union between Great Britain and Ireland, and to suppress the separate legislature of the latter. This measure, notwithstanding a strenuous opposition, was happily carried, and took effect from the lat of January, 1800. And, unless it were resolved or wished to put an end to all political connection between the two countries, nothing could be more inexpedient and absurd than the existence of a sewarate independent legislature. than the existence of a separate independent legislature for Ireland. Perpetual jealousies could not have falled to arise between it and the legislature of Great Britain, which must necessarily in the end have led to estrangewhich must necessarily in the end have led to estrangement, and probably separation. A legislative union was the only means of obviating these and other sources of mischlef: its repeal would make Ireland a theatre for all sorts of projects and intrigues, and it would be sure to be followed, at no distant period, by the dismemberment of the empire. Its maintenance should, therefore, be regarded as a fundamental principle of policy: and, to give it permanence and stability, every effort should be made to remove all just grounds of complaint on the part of the Irish people, and to make the union one of national interest and affection, as well as of constitutional law.

law.

IRKUTSK, GOVERNMENT OF. See SIBERIA.

IRKUTSK, a city of Asiatic Russia, cap. of Eastern
Siberia, on the Angard, at its confluence with the Irkut,
about 30 m. from the N.W. shore of Lake Baikai, 500 m.

S.E. Krasnojarsk, and 1450 m. in nearly the same direction from Tobolsk; lat. 559 16 30 "N., long. 1040 19 49

E. (Erman, Reise um die Erde, ji. 412, &c.) Pop.,
with its garrison, about 15,000. It is situated in a wide
plain, 1,340 ft. above the level of the sea; the mean temperature of the year being — 0.28 R. or rather below the E. (Erman, Reize um die Erde, il. 412, &c.) Pop., with its garrison, about 15,000. It is situated in a wide plain, 1,240 ft. above the level of the sea; the mean temperature of the year being — 0.3 R., or rather below the freezing point. The Angarà, which is about 1,000 ft. foroad at Irkutsk, divides the city into two nearly equal parts. It is fortified and desended by a citadel, and has 4 suburbs. Of about 1,900 private houses, only 50 are built of stone; the rest are chiefly of wood, or faced with painted planks. The streets are broad, but altogether unpayed; from the solidity of the ground, however, they are not dirty; and Erman says, that, in many respects, Irkutak is much more agreeable than Tobolak. It has 33 churches, 12 of which are constructed of stone; an exchange, also a stone edifice, and a good bazsar with numerous shops. The Baikal admiralty house and building docks on the Angara, medical college, gymnasium, and comptoir of the Russo-American Company, are said to be worthy of a European city; the government-house, theatre, several convents and hospitals, and a prison, are among its other public edifices. It is the seat of an archbishop, and of a Russian governor, whose authority extends over the immense provs. of Irkutak, Yakutak, Okhotak, Kamtschatka, and Russian America, including Bodega and the other settlements on the coast of California, distant nearly 1200 long, 1 It has numerous educational establishments, including, besides the gymnasium, with a library of 5,000 vols., an episcopal seminary, high school of navigation, with classes for instruction in the Tartar, Chinese, and Japanese languages; normal, secondary, Lancastrian, and other schools, and a cabinest of mineralogy. It has an imperial factory of woollen cloth for the supply of the troops in Siberia, manufactures of linen and other piece goods, glass, soap, leather, &c.; and is the residence of numerous artisans in the different trades common in Europe. It is the greet entrepto for the commerce of N.B. Asia, importing tea, rhubarb, f

IRRAWADI.

Islands, and Russian America; which articles are here exchanged for European goods sent from Petersburg and Moscow by way of Toolak. It has also some trade with Bokhara and Khokan. The total annual amount of its commerce is estimated at 4,000,000 paper roubles (of francs), one fourth of which has sometimes been transacted at its amnual fair in June. (Ermas, reise asset Ersek, it; Ritter, Asien Erdkunde, it. 128—124.; Stein. Geog., 2c.)

IRRAWADI (Erivati, "the Great River"), an important Asiatic river, the principal in India-beyond-the-Brahmaputra. It has its sources near the E. extremity of the Himmalaya range in Thibet, about lat. 38° N., and long. 97° 30° E., not far from the sources of the Lohit, a principsi branch of the Brahmaputra. With the exception of two reaches to the W., at Bhamo and Ava, it flows generally S. through the centre of the Birman empire, which it traverses in its entire length, till it falls, by numerous mouths, into the Bay of Bengal (or rather the Eastern Ocean), between Cape Negraia and the Rangoon river, in about the 16th deg. of N. lat., and between 180° 30° and 97° E. long. Its course may be estimated at about 1,200 m., during which it passes through 12 degs. of lat. It receives at Yandabo, lat. 31° 45° N., long, about 30° E., its principal tributary, the Ning, thee, or Kyen-dwen, from the N. Its delta commences about lat. 17° 45°. This is a vast alluvial plain, about 130 m. in length, N. and S., and where widest about as many files across, intersected by a vast number of arms of the delta, are the principal. Most of its mouths are navigable for large craft; and those of Bassein and Rangoon for vessels drawing five fathoms' water. The harbour of Negrais, formed by the mouth of the river of same name, is aid to be, without exception, the most secure in the Bay of Bengal. The Bassein branch, which may be considered the proper continuation of the main stream of the firawadi is about 700 yards in width at the point where the delta to Yedan above Ava, the breadth of the Iraw Rangoon river separates from it. From the apex of the deita to Yedan above Ava, the breadth of the Irrawadi is

the proper continuation of the main stream of the Irrawadi, is about 700 yards in width at the point where the Rangoon river separates from it. From the apex of the deits to Yedan above Ava, the breadth of the Irrawadi is seldom less than I m., and often 4 m. It may be ascended as far as Ava, at all seasons, by vessels of 200 tons; and in the rains they may proceed to the Mugoung river, a sailing distance of about 800 m. from the sea. Above Yedan, the river suddenly contracts to 150 or 200 yards in breadth. It is navigable for cances up to Bhamo; but in the dry season it is in many parts dangerous, from its passing over rocky ledges and through precipious defiles. About 50 m. from its source, it has been observed with a width of 80 yards, during the dry season.

The current is not, in general, remarkably rapid; even above the Mogoung, the Irrawadi, in the dry season, flows only at the rate of about 2 m. an hour. (Malcobs, i. 171.) But in the inundations, from June to Sept., it flows so rapidly that, in the delta, its current would be too powerful for boats to stem were it not for the assistance of the 8. W. monsoon, which sets in the opposite direction. During its inundation, if has a breadth of about 1 m. above Bhamo, and in some places below Ava of from 4 to 6 m. At the former place fis ries is as much as 50 ft., at Ava about 23 ft., at Frome about 20 ft., and it is delta 10 ft. The latter region becomes at that period almost an uninterrupted expense of water, it being at ordinary times little above the level of high tides. The quantity of water discharged by the Ganges, is roughly estimated by Capt. Hannay, in the Jaist. Joseva. of Bengal as 1 to 1:33. In the plain of Pegu, and in the undulating country through which the Irrawadi flows in the middle part of its course, it incloses a great number of islands and sandbanks; though these, in various parts, would seem, from a comparison of the statements of Synes with those of Crawfurd to be less numerous than formerly. In the upper part of its course, on its lef

bundreds; the largest of them carry 10,000 or 12,000 bunk, of uncleaned rice, the smaller 200 or 400. Their chief lading semed to be rice, salt, and gas-sper. In seconding they are for the most part drawn by the crew with a rope upon the bank, or propelled by setting-poles; saling only when the wind is fair, and neither too strong nor too weak. They are generally from three to four months in ascending from the delta to Ava.

"The boats on this river, though of all sisses up to 200 tons, are of but two general descriptions. All retain the cance shape, sharp at each end. Large boats have one must and a pard of long slender bamboo, to which is suspended a square sall. The sall is made in sections, the centre once only being used in strong winds, and the others added at the sides when necessary. Sometimes a small sall is temporarily fastened above the yards to the ropes, by which it is sustained. The deck extends from 5 to 10 ft. beyond the sides with large bamboos fastened beneath, making at once a plasform for the men, when using their setting-poles, &c. and an outringer to prevent their upsetting. The result itself is wholly covered with a regular Birman for the male steed in while covered with a regular Birman for the male steed in while covered with a regular discretion of the sall. They are manned by from 15 to 25 or 30 men, and sometimes 40 or more." The smaller-sired vessels are of an elongated shape, like the foregoing, and do not merit a particular description.

"No one can accend the river without being impressed with the sharp to the shoulder, as with us, but above the collar-hone, or on the top of the shoulder. Bending forward till their hands touch the deck, they bring the resistance perpendicular to the spine, and thus possess far greater power than is possible by our mode. When but slight exertion is required, the pole is applied not to the front of the shoulder, as with us, but above the collar-hone, or on the top of the shoulder, and thus possess far greater power than is one possible to cure mode

factor for an estate in the neighbourhood. John Galt, author of Assaals of the Parish, and other works, was a native of the bor; and Burns was for a short time engaged in business in it as a flax-dresser.

13CH1A (an. Emaria, Insarime, and Pithecusa), an ist. of the Mediterranean, belonging to the k. of Naples, 8 m. S. W. from the promontory of Misenum, and 18 m. W.S. W. Naples. It is about 7 m. in length, and 30 in circ., having an area of 21 sq. m., and a pop. of about 24,000. Nearly in its centre is M. San Nicolo or Epomeo (an. Epoperus). This, though now an extinct, was formerly an active volcano, the eruptions of which are noticed by Strabo (ilb. v.) and Pilny (lib. il. § 88.); and which burst forth with great fury in 1301, since which it has been quiescent. It is 2,613 ft. above the level of the sea, and the whole isl. falls in a gentle slope from it to the sea, except on the N., where its sides are more abrupt. Ischia obviously, indeed, owes fits origin to volcanic agency, and consists wholly of volcanic matters. Its bold and rocky shores present an imposing appearance from the sea; and the favourable impression it makes at a distance is not dispelled on landing; it being remarkable both for fertility of soil, and beauty of situation. Besides a great quantity of wine, it produces olives and a variety of fruits, with wheat, malze, pulse, and excellent herbage. It is well supplied with game, especially astridges. Sulphur and other useful mineral products are abundant, and there are numerous hot springs and natural vapour baths, especially at its pulse, and excellent herbage. It is well supplied with game, especially partridges. Sulphur and other useful mineral products are abundant, and there are numerous hot springs and natural vapour baths, especially at its N.W. extremity. The inhab are partly husbandmen, and partly sallors and fishermen. The manufacture of straw hats, baskets, and earthenware, are carried on to some extent.

Ischia is divided into two cantons: chief towns, Ischia and Foria; the former on the E. and the latter on the W. coast. Ischia, the cap, with 3,000 inhab., is "a pretty town of white buildings, and the residence of a bishop. A round rock, as black as if just launched out of the lowels of a voicano, forms a kind of haven by means of a causeway communicating with the town; its summit and sides are covered with houses, old turrets, and ruinous fortifications, buddled together, and accessible only on one side by a steep winding road." (Swinderse, ii. 12.) On this rock stands an old fortress, in which the last princes of the house of Aragon took refuge when Naples was conquered by the French. This building is now used as a state prison. Foria is ill built, and without a harbour.

The poets account for the volcanic phenomena of Ischia, as for those of Vesuvius and Etna, by ascribing them to the violent efforts of Typhous and the other giants buried below them to escape from their prison:

Appear word Inarime, one unthe plans Ischia is divided into two cantons : chief towns, Ischia

Apparet procul Inarime, que turbine nigre Furnantem premit läpetum, flammasque rebelli Ore electantem. Silius Italicus, xii. lin. 147.

See also Encid, ix. lin. 714.

Ischia was, at a remote period, colonised by the Eretrians and Chalcidians, and afterwards by Syracusans sent thither by Hiero, who, however, abandoned the isl. in consequence, it is said, of a violent eruption of Mount

gretrians and Chalcidians, and afterwards by Syracusans sent thither by Hiero, who, however, abandoned the isl. in consequence, it is said, of a violent cruption of Mount Ropens, B. C. 470.

(Besides the authorities referred to above, see Cramer's Ancient Italy, ii. 183.; Rampoldi, Corografis; Dict. Geog., &c.)

18E.BF, a frontier dep. of France, in the E. part of the kingd., formerly included in the prov. of Dauphlay; between lat. 449 44 30° and 450 53' N., and long. 40 46 and 60 22' E., baving E. Savoy, N. the dep. Ain, and W. Rhone, Loire, and Ardèche, from all which it is separated by the Rhone, S. W. Drome, and S. E. Hautes Alpes. Length, N. W. to S. E., about 95 m.; average breadth about 40 m. Area, \$29,031 hectares. Pop. (1846), 508,402. This dep. is very mountainous, especially its S. E. Part, and its seenery is in general highly picturesque. The Alpine chains that traverse it rise in the Col &cayses to an elevation of 11,017 ft. (3,358 mètres), and in the Pic de Belladone to 10,302 ft. (3,140 mèt.) above the level of the sea. Some of the violest in France. There are a few plains in the N. and W., and numerous lakes and marsy very fertile; that of Graisivaudan, through which the later flows, is one of the richest in France. There are a few plains in the N. and W., and numerous lakes and marshes, but none of the latter is of any considerable size. Next to the Rhone, the chief river is the Isère, which gives its name to the dop. It rises in the E. part of Savoy, runs with a tortuous course, generally S. W., and falls into the Rhone about 8 m. N.N.E. Valence, which gives its name to the dop. It rises in the give, is not its banks. W. winds predominate in this dep., and the annual fall of rain is estimated at nearly 35 inches. In 1835, betarase, meadows 66,718, vineyards 27,698, dorests 184,430, and heaths, wastes, &c. 171,990 do. Agriculture is backward, but improving. In 1835, 27,891,30 hectolitres of corn, chiefly wheat and rye, were said to have been harvested, being a larger supply than

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was produced in any of the surrounding deps., besides 10,771,200 hectolitres of potatoes, or more than double the quantity grown in any other dep. of France. But it should be borne in mind that these returns, though given in the official tables, are but little to be depended on; and are, in fact, nothing but rough approximations. The vine is pretty generally cultivated, and the produce of wine amounts to about 450,000 hectols, a year. Chesnutz, almonds, and other fruits abound, and large quantities of ratafia, and other fruits abound, and large quantities of mulberry trees had increased nearly a third between 1820 and 1834: in 1835, 430,256 kilog, cocoons were collected. Good cavairy horses and mules are bred. In 1830, the stock of black cattle amounted to about 137,000 head; the breed is generally small, but the cows are good milkers, and some superior cheese is made. The surrounding deps. are sent to pasture in summer in the mountains. Poultry are reared in great sumbers. In 1835, of 195,450 properties subject to the constribution structure, 38,559 were assessed at less than 5 fr., and 31,468 at from 5 to 10 fr.; the number of large properties is a good deal below the average of the deps. Isere is one of the richest deps. of France in respect of minerals, and mining is one of the chief occupations of its inhabs. Gold and silver mines were wrought till the commencement of the present century. At present, iron, copper, sine, and lead are the chief metallic products; but mercury, bismuth, antimony, and cobalt are likewise obtained; as are also coal, sulphur, alum, marble, granite, gypsum, &c. There are 10 large smelting furnaces, and numerous forges and steel factories. Paper, silk stuffs and yara, coarse woollens, table linen, sail and packing cloth, gloves, especially at Grenoble, cotton and woollen yara, crape, straw bats, mineral acids, &c. are the other chief manufactures. Lyons is the great entrepôt for the produce of laère. The dep. is divided into 4 arronds., 45 cants., and 56 com. Chief towns,

ISLAMABAD, a town of India-beyond-the-Brahmaputra, belonging to the prov. Bengal, district Chitagong, of which it is the cap, on the river Chitagong, 8 m. from the Bay of Bengal, and 124 m. S.E. Dacca. Pop. 12,000 (Malcotin), about 2,000 of whom are of Portuguese descent. "The streets are in good order, and the baxaar abundantly supplied with every sort of domestic and foreign produce. The mode of building, and the general aspect of every thing, is decidedly Bengalee. About 300 vessels, chiefly brigs of from 40 to 100 tons, are owned in the place, and many vessels from other places resort thither. The chief exports are rice and sait. Large Maldive boats come annually, during the fine season, with cowries, tortoise-shell, cumels, cocca-nuts, and coir for rope; and carry nually, during the fine season, with cowries, tortoise-shell, cumels, ecoca- nuts, and coir for rope; and carry away rice and small manufactures. (Malcolm, 1. 134.) This town is the emporium of a great extent of country, and the resort of numerous merchants. A kind of cotton canvass is made in its neighbourhood, and vessels of considerable burden are built. Islamabad has two Portuguese churches, and a large English school established in 1818. (Malcolm's Travels in S.E. Asia.) ISLAY.

school established in 1818. (Malcolm's Travels in S.E. Asia.)

ISLAY. See Herrices.
ISLAY. See Whithorn.
ISLAY. See Whithorn.
ISLAY. See Whithorn.
ISLAY. See Whithorn.
Islay in the N. side of the Russian in the N. side of the Russian in the Black Sea, lat. 45° 21' N., long. 28° 50' 15" E. Pop. 12,000.
Ismail was stogmed by the Russians, under Suwarrow, in 1790, by whom it was given up to an indiscriminating pillage and massacre. But latterly it has recovered, at least in part, from this barbarous devastation. It has a least in part, from this barbarous devastation. It has a considerable trade, exporting corp, hides, tallow, &c.
The custom-house and quarantine are of the first class. Owing to the shallowness of the water over the bar of the Rilian mouth, vessels bound for Ismail generally enter the Danube by the Soulineh or middle mouth. (See Danube, in this Dictionary; and Hagemeister on the Black Sea, p. 94. Eng. trans.)
ISPAHAN (dipadema), a celebrated city, formerly the cap. of Persia, and once so extensive and populous that the Persians said of it, in their inflated phraseology, "Sefaon nispe gibon"—" Ispahan is half the world." (Chardin, iii. 2.) It is situated in the

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prov. Irak Adjimi, of which it is the cap., as well as of a begier-begilk, of the same name, 211 m. S. Tetheran, and 50 m. S. W. Bushire. Lat. 320 29 N. long. 510 50 E. Pop. variously estimated as from 380,000 to 30,000, the latest estimate of Morier sking it as 50,000. This, however, is unquestionably too low; and the pop., most probably, exceeds 100,000. (Ritter, ix. 48.) This city, which was at the height of its glory during the reign of Shah Abbas, in the 17th century, now presents to the traveller, in its buildings at least, little beyond the magnificent ruins of its former greatness. It stands in the midst of an extensive plain, abundantly watered by the Zenderood, a river about 500 ft. broad; and is surrounded by groves, avenues, and spreading orchards. "Among the first objects that struck our eyes," says Sir R. K. Porter, "were the numerous noble bridges, each carrying its long level line of thickly ranged arches to porch-lite structures, some fallen into stately ruin, others nearly entire, but all exhibiting splendid memorials of the Sef race. The S. avenue, through which we entered the town, terminated at the great basas or Shah Abbas, the whole of which enormous pile is vaulted above to exclude heat, yet admit air and light. Hundreds of shops without inhabitants, filled the sides of this once great emporium, the labyrinths of which we traversed for an extent of nearly 2m., till we entered the Maidas Shah, another spacious theatre of departed grandeur." (Travest, ii. 37.) This vast oblong, formerly enriched with shops, in which every commodity of luxury and si-endid manufacture was exposed, is of very large dimensions, being (according to Porter) 2,600 feet long, and 700 feet broad, and in the centre of each of its sides stands some edifice remarkable for grandeur or character, while the remaining parts composing the square are occupied by uniform ranges of obaliding, once used as apartments for the nobility and officers of the Persian court, the lower part being open, and formisin, adorned with a low n Juna, which is substen S. of the Zenderood, and con-nected with the Chahar-Bagh by a bridge 1,000 ft. long, having 34 arches, was originally founded for a body of Armenians, whom Shah-Abbas transplanted from their own country (Julia on the Araxes), and stationed here, with full toleration of their religion, and many valuable mercantile privilence. They were known all teach the 2 with fall toleration of their religion, and many valuable mercantile privileges. They were known all over the E. for their manufacturing industry; and their quarter, which was inhabited exclusively by Christians, formerly comprised 13 churches, and some of the handsomest private residences and gardens in the city, the pop. of this industrious quarter alone having exceeded 30,000 at the close of the 17th century. At present, however, it is little more than a mass of ruins, the few remaining houses being tenanted by a population, whose moral condition, according to Sir R. K. Forter, has suffered a detarioration corresponding to the decline of their fortumes. The suburb of Abbas-abad, which lay W. of the city, and that of the Guebers, or fire-worshippers, on the S. side, near Julfa, are entirely destroyed.

Ispahan has, within the last 30 years, begun to revive

from its desolation; and the spentaneous efforts of the inhabs., in trying to better their condition, were ably seconded by the exertions of Hadji Mahommed Huasein Rhan, the *dmecn-a-doolas*, or second minister of the seconded by the exertions of Hadii Mahommed Hussein Khan, the simes:—a-doolsk, or second minister of the shah, who employed his immense wealth and influence in the improvement of his native city. A new palace, near the Sketel Stoom, has been completed, and extensive repairs have been made in the bazaars, streets, and fountains; besides which, a large track of land, close to the river, has been enclosed to form rice plantations, the produce of which now forms an important article of commerce. The manufacture of all kinds of woven fabrics, from the most costly gold brocade or figured velvet to the most ordinary calico or coarse cotton, is pursued on an extended scale; partly on raw materials raised in the surrounding district, and partly also on slik and cotton wool introduced from Ghilan and other provinces of Persia: many hands are also employed in making gold and silver trinkets, paper and paper boxes, peucases, ornamented book covers, firearms, sword-blades (of steel, from India), glass, and earthenware. These goods are sent to all parts of the E., ispahan being the chief emporium in Persia, and on the great line of communication between India, Caubul, and China, on the E. and Turkey, Egypt, and the Mediterranean, on the W. Its trading prosperity, however, like that of Bushirs, is much obstructed by the monopolics and injudicious taxes of the government. The inhabs. of Ispahan are considered the best manufacturers in Persia, and education seems to be very general. Every one above the lowest order can read and write: and articans and shookeepers of the government. The inhabs, or lapanan are con-sidered the best manufacturers in Persia, and education seems to be very general. Every one above the lowest order can read and write; and artisans and shopkeepers

of the government. The inhabs. of Ispahan are considered the best manufacturers in Persia, and education stems to be very general. Every one above the lowest order can read and write; and artisans and shekeevers are familiar with the works of their havourite poets. The merchants form a distinct class: frugal, and even pentitious in their habits, they seldom make any display of wealth, and are extremely wary and circumspect in their commercial speculations, owing, no doubt, to the severity of their sufferings during national disturbances, when they have been usually selected as the first victims of plunder and oppression. Their houses are mean on the outside, with low, narrow entrances, but are often fitted up internally with great luxury. These merchants, with all their affectation of poverty, have capitals embarked in trade which vary from 80,000 to 180,000 tomans, and not only control in a great degree the whole trade of Persia, but are able also, it is said, to influence prices in the markets of W. Hindostam. Owing to insecurity and had government, the interest of money in ispahan varies from 12 to 36 per cent. a year; and the furming pop. are often compelled to pay 60 per cent. for the loans required to enable them to meet the exactions of the government. If trade exist at all under this wretched system, how great would it become under a government that should establish security, and give full scope to the enterprise and ingenuity of a people who are amongst the most industrious in W. Asla! (See Hagemetiste; Essai sur l'Asic Occidenaice, p. 366—273.)

The origin of Ispahan is uncertain; but its position seems to identify it with the Aspadesse of Ptolemy. Under the caliphs of Bagdad, it became the cap, of Irak, and rapidly increased in wealth, pop., and trade. This rising prosperity, however, received a severe check during the invasion of Timour, who took the city, in 1387, and gave it up to military, execution. The troops massacred 70,000 of the inhabs, artificers, and agriculturists from Europe as well as

people massacred without mercy. Nadir-Shah recaptured the city in 1737; but he took no steps to restore its ancient giory. The sovereigns have resided at Teheran during the last 70 years; and Ispahan has gradually failen to a state of decay, from which even its commercial importance has not been able to preserve it." (Casteda, vol. ili. passim; Forter's Travests, il. 37—58.; Oussely's Travets, ili. 62—68.; Ritter, iz. 40—56.)

ISSO IRE, a town of France, dep. Puy-de. Dôme, cap. arrond. on the Creuze. 19 m. S. S. E. Clermont. Pop. (1886), 5,741. It is well built and clean; in its centre is a spacious market-place. It has manufactures of copper kettles and other copper wares, with some trade in walnut of 1850 IRE, a town of France, dep. not continued to the last of the decision of the deci

States.	Area in Eng. sq. m.	Pop. by latest Census.	Pop. to eq. m.	Capitale.
Kingdom of Naples and Sicily: — Naples Sicily	51,621 10,510 42,131	(1845) 6,382,706 - 2,040,610 - 8,423,316	201-8	Naples. Palermo,
Kingdom of Sardinia, &c. : Continental, &c. (excluding Savoy) Insular	15,375 9,547 - 24,920	(1838) 3,561,996 524,633 - 4,086,631	251.7	Turin. Caglieri.
ombardo-Venetian kingdom llyrian Government of Trieste (belonging to	17,552	(1844) 4,803,189	278-6	Milm and Venice
Austria)	8,098	501,929 5,305,218	162.	Trieste.
'apal States	17,210	(1843) - 9.898.115	168	Rom
irand Duchy of Tuscany	9,150	(1842) - 1,693,597	- 185	Florence.
Juchy of Parma	- 2,268	(1850) - 494,737	218.	Parma.
Modena	2,317	(1850) - 562,678	242-8	Modena.
topublic of San Marino	22	7,600	345·	San Marine.
Total	118,668	- 23,471,892	197-7	

Physical Geography. — The frontier of Italy is extremely well defined. She is defended on the N., the N.E., and N.W. by the vast bulwark of the Alps, the passes of which might be easily guarded and made impervious to hostile attack. She has every where else a sea frontier; so that, while she is protected by a natural rampart against attacks by land, she has every facility, by means of her extensive see frontier and numerous ports, for of her extensive sea frontier and nu merous

against attacks by land, she has every facility, by means of her extensive sea frontier and numerous ports, for internal and foreign commerce.

Though bounded by the Alps, only a comparatively small portion of the surface of Italy is covered with alpine ramifications. The mountain system exclusively belonging to the peninsula is that of the Apennines. (See Vol. I. 185, 186.) These mountains, which may be regarded as a continuation of the maritime Alps, at first run B. along the Mediterranean shores in the Sardinian territory; and then, turning gradually 8., divide Tuscany from the Papal States, passing through the peninsula nearly in its centre, and sending off numerous branches on either side. At length, near lat, 40° 48°, the main ridge divides into two separate chains, the principal of which continues 3. to the extremity of Calabria, while the other runs E.S.E. through the Terra d'Otranto. The mean elevation of the Apennines is about 4,000 ft.; Monte Corno, the summit of the Gran' Sasso d'Italia, in Abrusso Ultra, is, however, 9,321 ft. in height, and is capped with snow during the whole year; Monte Velino is 8,183 ft.; and Monte Sibilia, in the Papal States, 7,313 ft. high; and many other summits in central and extreme. S. Italy approach the latter in elevation. The Apennines are much less rugged than the Alpa, and abound with rich forests, and pasture land, on which numerous Bocks of sheep are fed. They are of great service to the country, by the numerous rivers which have their sources in them and by their influence in moderating the summer

heats. Italy is also famous for its volcamoes; those of Etna, Vesuvius, and Stromboll, in the Lipari Islands, being, if not the greatest, by far the most celebrated and best known of any on the globe.

But though for the most part mountainous, Italy has some plains of great extent and extraordinary fertility. Of these, the most extensive and richest is that of Lom-

Of these, the most extensive and richest is that of Lombardy, or of the Po. This noble plain extends from the foot of the Alps, near Sua, to the mouths of the Po, in the Adriatic, a distance of about 250 m., with a breadth varying from 50 to 120 m., including nearly the whole of the Lombardo-Venetian kingdom, the central portion of the Lombardo-Venetian kingdom, the central portion of the Sardinian dom., most part of the duchies of Parma and Modena, and the N. legations of the Papal States. This great plain is extremely well watered; the numerous rivers and streams that rise in the Alps, and pour down into the plain, afford a vast and inexhaustible supply of water; and from these an infinite number of canals have been cut, that diffuse the fertilising element over the whole country, and give to its corn and rice Selds, and the variegated meadows, extraordinary productiveness. its variegated meadows, extraordinary productiveness.
The soil, though different in different parts, is for the most part louny, and very fertile. The surface is generally divided into small farms of from 10 to 60 generally divided into small farms of from 10 to 60 acrost and if not scientifically, is at least carefully and scouomically, cultivated. The fields are enclosed by lines of fruit-trees, mulberry-trees, poplars, and oaks; and their growth is so luxuriant, that in many parts the country has the appearance of a vast forest. This plain his to boast of an immense number of cities, many of which are of great antiquity and considerable size, and all of them adorned with noble buildings and valuable works of art. Probably, on the whole, the plain of Lombardy may be called the garden of Europe; and, at all events, it is certainly the garden of Italy.

ITALY.

The next great plain stretches along the W. shore of Central Italy for about 200 m., from Piss, in Tuscany, to Terracina, between the Papal States and Naples. Within these limits are included the Tuscan sucrements are to the campagus of Bome, and the Pensies warsher (anc. Posspitine palsades). This plain is, in all respects, very different from the former. Though, in antiquity, and to a certain extent, also, in the middle ages, it was celebrated for its fertility, and was highly cultivated and populous, it is now comparatively a desert. This is a consequence of the prevalence of sealerist, which insets these districts to such an extent as to render them at certain periods of the year all but uninhabitable. They are necessarily, therefore, for the most part in pasture; and are occupied by a vagrant population, who reside in the country only in the healthy season. In the campagna of Rome the shepherds who have charge of the Socks are obliged, during the summer season, to repair every night to the city, or to some other town, as sleeping in the country would be fatal: it is then, also, extremely dangerous to travel by night through the Pontine marshes. The vagrant population of this extensive tract, and those who live on its borders, have all an emaciated, unhealthy, cadaverous aspect; and where the plain is cultivated, the labourers who come from other parts of the country to assist in the harvest frequently fall victims to the pernicious influence of the atmosphere, or have their constitutions injured for life. In the Tuscan maremme, the soil has in many places become, from neglect, sterile and unproductive; but in the campagna of Rome, and the Pontine marshes, the soil is, in most parts, extraordinarily fertile, is covered with a luxuriant registation, and, were it properly cultivated, would yield immense crops.

"There are no hills in the Campagna. Its undulations

of Rome, and the Pontine marshes, the soil is, in most parts, extraordinarily fertile, is covered with a luxuriant regotation, and, were it properly cultivated, would yield immense crops.

"There are no hills in the Campagna. Its undulations do not arise from elevations of the surface, but from depressions; it may be described as a piezess from 1 to 200 ft. above the level of the sea, traversed by wide and shallow valleys, which occupy 1-4th or 1-5th part of its surface. Some of these valleys are dry, others have small sluggish streams, and they are from 50 to 150 ft. deep. There is a strip of swamp along the sea-coast, probably 2 or 2 m. broad; but with this exception, the Campagna di Roma seems to be generally dry; for the wet lands seen in some of its small valleys are such as we find in every country, and are not worth mentioning as an exception. Its present appearance is bleak and deserted in a remarkable degree. There are scattered clumps of brushwood; but the eye ranges over it for miles often without discovering a single timber tree, and I have seen nothing deserving the name of woodland or forest within its vast bounds. Fences are rare, except near Rome; a gentleman's country house, or villa, is not to be seen in it, nor a decent farm-house; and even the cottages are so few and far between, that in the 40m. from Rome to the hills near Civita Vecchia, I am satisfied that I did not see 30 houses, of all descriptions. It is divided into immense estates, usually let in small lots, on the settager system, and is kept mostly in pasture, not more than 1-8th or 1-10th part being under the plough, or rather Ace, for it is laboured with the latter.

"The Pontine marshes are 24 m. long, and probably 12 broad. The work of draining was commenced under the Roman republic, was continued by the emperors and popes, and is not yet entirely finished. The journey through them is monotonous beyond any thing I have met with. A canal 50 ft. broad, the grand trunk of the drainage, extends along their whole length, in a line m

vated in modern times. It is believed by many that its deterioration has been, in a considerable degree, owing to the wanton destruction of the woods and forests, by which the land was shaded in antiquity, and acressed from the flery beams of the summer sun. No doubt it is in part also a consequence of the obstructions that have been allowed to grow up in the courses and at the mouths of rivers, by which their waters have been formed into stagnant and noxious marshes. But the last-montioned circumstance may itself be accided to stagnant and noxious marshes. But the last-mentioned circumstance may itself be ascribed to what we believe has had by far the greatest influence, that is, to the decay of pop, and industry, occasioned by the irruptions of the barbarians, the ravages of war, and the influence of epidemics. The ill success that attended the efforts of the Grand Duke Leopold to reclaim some portions of the maremme, by establishing colonies in thete, appears to have led many to believe that they were absolutely the marenme, by establishing colonies in them, appears to have led many to believe that they were absolutely frecialmable. Certainly, however, this is not the case. The great works, principally of a hydraulic character, that have of late years been undertaken and carried into effect in Tuscany, by which large tracts of the marenme have been converted into productive estates. maremme have been converted into productive estates, show what may be done by judicious efforts on a large scale. Hitherto, indeed, the land that has been reclaimed, and made tolerably healthy, bears but a small proportion to what is still abandoned and pestiferous; but the example has been set, and what he but the example has been set, and what has been done and is doing in Tuscany will probably lead to similar efforts being made by the Papal and Neapolitan govern-

and is doing in Tuscany will probably lead to similar efforts being made by the Papal and Neapolitan governments. (See Tuscany.) Mr. Maclaren says of the Campagna di Roma, that, "having seen it, I find it difficult to believe that, in the hands of an industrious people, enjoying the advantage of good government, it should not become fertile, populous, and healthy, and assume the cheerful aspect of Lombardy." (P. 67.)

The third great plain of Italy is that of Capitanata (Apulia), having Foggia in its centre. It comprises the greater portion of a tract of flat country, extending from the border of Samnium to Otranto, along the shore of the Adriatic, anciently included in Daomia, Japygla, Peucetia, and Messapla. The lower part of the Apulian plain is arid, the rivers decreasing both in size and frequency as we proceed farther S.; and in the provinces of Otranto and Bari the rain water a oldiged to be carefully preserved in cisterns for the irrigation of the land. The upper portion of the plain, is more plentifully supplied with water, but it, also, has in many parts a candy and thirsty soil. A great part of it is destitute of bush, house, or tree; it is farmed in large estates, and round about Lucera and elsewhere there is a good deal of arable land; but by far the greater portion of the surface consists of pastures, called ta-volters, into which immense flocks of sheep from the Abruzzi are driven to feed in the winter. (See Apulla, 1. 128.) The sums paid for this privilege by the propietors forms a rich source of revenue to the crown of Naples, to which the tavoliere belong.

The level district round Naples is still well entitled to its ancient epithet of Campania Feliz, being at once rich, well cultivated (for Italy), and densely peopled. We

The level district round sequence its ancient epithet of Campania Felix, being at once rich, its ancient epithet of Campania reux, being as once rich, well cultivated (for Italy), and densely peopled. We borrow from Mr. Maclaren's Notes the following account of this famous plain. "Conceive a tract of carse land, 40 m. in length, by 15 or 20 in breadth, presenting a dead level like the surface of the ocean, and probably from 1 to 100 ft. above it. In the midst of this vast area, there are two large islands; Yesuvius and its dependent there are two large islands; Vesuvius and its dependent fillocks constitute one of a round form, and about 8 m. dlameter; a chain of hillocks, narrow ridges, and truncated cones, extending from Naples to Cape Misseuum, covering a space of 12 m. in leogth, and 3 or 4 in breadth, constitutes the other. With the exception of these two elevated tracts, the whole district, as I have said, is a dead level. It is, in fact, a portion of the bottom of the ocean lifted up by subterranean agents, and converted into dry land. As might be expected, it does not rise by a series of small elevations to the outer hills of the Apennines; it abuts sharply against them, as the waters of the German Ocean abut against the last level of the Lammermuri hills. I traversed this plain in level of the Lammermuir hills. I traversed this plain in three directions; and excepting the mountains named, did not see a single hillock or eminence in it which would conceal a sheep. It is probably equal in fertility to any spot in the world. Though so level, it seems to be remarkably dry, and hence it is free of malaria. The vegetable soil, which is exposed in drains at some places, seems to be of great depth, and it is cultivated like a garden. It is put to what may be called a double use, first ploughed and sown with corn, and then at every interval of 50 or 100 ft. there is a row of vines." (P. 57.)

Rivers and Lakes.—Few countries are better was evel of the Lammermuir hills. I traversed this plain in

Rivers and Lakes. - Few countries are better watered than Italy, whether in regard to springs, rivers, terror shall stay, whether in regard to springs, rivers, or lakes. The principal river is the Po, the Eridanus or Padus of the ancients; it issues from Mount Viso in the Alps, on the confines of France, and receives, during its long course to the Adriatic, a vast number of tri58 ITALY.

butary streams. It divides the great plain of Lombardy into two nearly equal parts, and is the grand receptacle for the streams flowing S. from the Alps, and for the lesser waters that flow N. from a part of the Apennine range.

"Fired with a thousand raptures, I survey Eridanus through flowery meadows stray, The king of floods: I that, rolling of or the pli The towering Alps of half their moisture d And proudly swoln with a whole winter's a Distributes wealth and plenty where he gos

The towering Alps of half their moisture drains, And proudly swoln with a whole winner's mows, Distributes wealth and plenty where he goes."

Of its numerous affluents, the most important are the Baltea, Seas, Tessino, Adda, Chiesa, and Minclo, from the N.; and the Tanaro, Bormida, Trebia, famous for the great victory gained by Hannibal on its banks, and Panaro, on the S. The other large rivers of the N. of Italy, are the Adige, Brenta, Piave, and Tagliamento, all flowing S. from the Alps. In Central and Southern Italy no great river can be expected to arise, on account of the narrowness of the peninsula, and the central position of the Apenuines, in which they have their sources. The Tiber is the principal, and also the most celebrated; but, like the other rivers of this part of Italy, it is interesting chiefly from its ancient remown, and the classical recollections associated with its name, than from its magnitude or intrinsic importance. Among others of this class are the Arno and Ombrone in Tuscany. Considerable differences of opinion have taken place as to the identity of the Rubicon, the S. E. boundary of Chalpine Gaul, so famous in ancient history. It is generally, however, believed to be represented by the Flumicino, which falls into the Adriatic 18 or 20 m. below Ravenna. An ancient law of the senate and people of Rome made it death to cross this river with arms in a hostile intention. Its passage, by Cesar, has been finely described by Lucan (lib. Ili. 183—227.); and his exclamation on that occasion, "jacta est alca," has passed into a proverb. In Naples, the only streams deserving the name of rivers are the Vulturno, the Garigliano, anciently the Livia, and the Ofanto, formerly the Auddus, which, flowing past Cannae, is thence called senguiseurs by Silius Italicus (lib. x. 280.). The rivers which descend from the Apennines are apt, like other mountain currents, to swell suddenly, and to cause inundations in the level parts of the country, particularly towards the mouth of the Fo.

Proinit insano conterquens vortice silvas Fluviorum rez Eridanus, camposque per omnes Cum stabulis armenta tulit."

Georg. i. 481.

To restrain this, dyes or mounds have been erected in many places; and as the earthy substances brought down by the food have, in many cases, raised the bed of the stream, and required fresh embankments, the mounds are often of considerable height, and have the appearance of sourcetters. appearance of aqueducts.

mounds are often of considerable height, and have the appearance of aqueducts.

The most considerable of the Italian lakes are situated in the N.; including those of Garda, Magglore, Como, Lugano, &c. In Central Italy are the lakes of Perugia (an. Lacus Threstimenus), Bolsena, Bracciano, Celano or Fucino, Albano, &c. (see the names); and in the S. those of Averno and others, which, though insignificant in point of size, have acquired imperishable renown. Many considerable salt lagoons line the Mediterranean coast in various parts of Tucany and the Papal States, and the shores of the Adriatic in the Venetian territories, and round the promontory of Gargano. Besides the Pontine marshes, at the S. extremity of the Pope's dominions, there are numerous marshy tracts of less extent in the Vai di Chiana and other parts of Tucany, in the plain of Salerno, and along the banks of the Pope's dominions, there are numerous marshy tracts of Tucany, in the plain of Salerno, and along the banks of the Pope's dominions, there are numerous marshy tracts of Tucany, in the plain of Salerno, and along the banks of the Pope's dominions, there are numerous marshy tracts of Tucany, in the plain of Salerno, and along the banks of the Pope's dominions, there are numerous marshy tracts of Tucany, on the Pope's dominions, there are numerous marshy tracts of Tucany, in the plain of Salerno, Polician of Chief Capes and headlands are, Argentaro, Circello, Campanella, Spartivento, and Santa Maria di Leuca, on the Mediterranean, and the Testa di Gargano, and Cape Promontoire (Istria), on the Adriatic. Of the gulphs or bays formed along its coasta, the principal are the Gulph of Taranto, on the S.E., between Apulla and Calabria; those of Genoa, Gaeta, Salerno, Policastro, Eufemia, and Gioja, on its W.; and those of Squillace, Manfredonia, and Trieste, on its E. shores.

Geology and Minerals.—Italy may be described as "a calcareous region enclosing a schistous band;" but you calcarge the promontor of the page of the plain of the plain of the pla

on its E. shores.

Geology and Minerals.—Italy may be described as "a calcareous region enclosing a schistous band;" but volcanic action has been so prevalent, that the strata are often found extremely disarranged from their original position. N. of Genoa, the primary formations in the Apennines include granite, gnesis, serpentine, quartically-slate, &c., often intermixed with transition limestone and graniwacké. Granite and gneiss are absent in the Apennine region of Central Italy, but they reappear in the S., where they predominate among the primary formations, from the Abruzzi to the furthest end of Calabria. They also exhibit themselves in the Marcame, near the surface; the secondary formations in Tuscany being often intermixed with primary

rocks, and in some instances overlain by them. The tertiary deposits of Italy are very extensive, and form the sub-Apennine region, or low hill ranges, extending along the flanks of the Apennines throughout the whole peninsula, consisting of sandstone, mark coarse limestone, &c. These formations contain an abundance of marine shells, among which as many as 700 different species have been enumerated, half of them still inhabiting the adjacent seas. The alluvial plain of the Po abounds in fossil remains of mammalis, birds, and amphibia, and similar fossils have been discovered in the Neapolitan dominions. Several regions in the central and 8. parts of Italy are almost wholly composed of volcanic products. Such are the Campagna di Roma, which abounds with a volcanic tufa, called traverties, of which great part of Rome is built; and the neighbourhood of Vesuvius, which is covered with lava and scorie. Numerous traces of extinct volcanoes exist, the craters of which have been converted into lakes. Such is the origin of the lakes of Bracciano, Vico, and Albano, in the neighbourhood of Rome.

meignocurnoon or vesuvius, which is covered with lava and scorie. Numerous traces of extinct volcanose srist, the craters of which have been converted into lakes. Such is the origin of the lakes of Bracciano, Vico, and Albano, in the neighbourhood of Rome.

Italy is less rich in metals than in most other things; it, however, is well supplied with iron; it has also copper and lead ore, and the preclous metals have been found, but in inconsiderable quantities. Tuscany is the chief seat of mining industry, and large quantities of iron are furnished by the island of Biba, belonging to that duchy, (See Elah.) The most valuable unineral product of continental Italy is, however, the fine statuary marble of continental Italy is, however, the fine statuary marble of continental Italy is, however, the fine statuary marble of continental Italy is, however, the fine statuary marble of continental Italy is, however, the fine statuary marble of continental Italy is, however, the fine statuary marble of continental Italy is, however, the fine statuary marble of continental Italy is, however, the fine statuary marble of continental Italy is, however, the fine statuary marble of continental Italy is, however, the fine statuary marble of continental Italy is, however, and the presental is and the relation of the surface of the peninsula. Great quantities of borax are found in Tuscany; supplur, building stone, salt, nitre, alum, alabaster, crystal, &c. are the other chief mineral products; and the Apennines abound in basalt, dried lava, pozzodana sand, and other volcanic substances. Caverns of stallectices are met with in many parts, and mineral springs and vapours are of very frequent occurrence. (Haffmana, Esropa; Legel's Geology; Rampoldi; Dict. Géog.)

The clissate of Italy is delightful. Owing to its length from N. to S., and the great difference in the elevation of its surface, there is necessarily a considerable variation in the temperature of different parts; but, speaking generally, the air is throughout mild and general

Places.		Lat. N.	Height above	Mean annual Temperature.	
Milan Bologna Florence Rome Naples	:		450 28' 440 30' 430 46' 410 58' 400 50'	492 feet. 255 — 230 — 187 —	55-6° Fahr. 55-44° — 59-4° — 60-° — 62-2° —

Throughout most parts of Italy there are but three seasons in the year: a spring, which more than realises all that poets have said in its praise; a hot summer, and a short, and not severe, winter: most of the vegetable products, even in the N., flower by the end of March. Heavy rains prevail during Oct. and Nov.; W. and N. W. winds are the most prevalent; but the libected and srecco, the simoom of the Arabs, also occasionally occur, and exert an oppressive, and in the S. an injurious, influence over the animal frame.

ence over the animal frame.

It is true, however, notwithstanding the mildness and general salubrity of the Italian climate, that large districts of the country are very unhealthy, and that the chances of longevity are less than in England and other countries under more inclement akies. But the unhealthness complained of is not the effect of climate, but of circumstances connected with the physical geography of

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the country, and the want of industry: neither do we think that the inferior longevity of the Italians is to be ascribed to their climate, but to the depressed situation and poverty of the bulk of the people; the bad quality and scanty supply of food and clothes; the low state of medical science; and the want of cleanlines. The genial climate may, indeed, he said to contribute indirectly to bring about these results, by encouraging slothful habits, and making the people less industrious than they would be were it more severe; and, no doubt, this is to some extent true. But it is to the want of enlightened institutions, a tolerant system of religion, and a free press, that the distressed state and heavy mortality of the people of Italy are mainly to be ascribed.

It has been supposed that the climate of Italy has undergone a considerable change, and that it is now less cold in winter than formerly. There seem to be good grounds for concurring in this opinion; and the change may be accounted for by the cutting down of the forests already alluded to, and by the changes that have taken place in the countries to the N. of Italy. (See Hisme's Resug on the Populousness of Ancient Nations, and the anthorities referred to in it.) We doubt, however, whether there be sny foundation for the notion, that either there be sny foundation for the notion, that either there be sny foundation for the notion, that either there be sny foundation for the notion, that either there be sny foundation for the Neapolitan territory, which is antiquity were occupied by a dense pop,, are now all but uninhabited; but, on the other hand. Lombardy has been signally improved, and is at this moment infinitely better cultivated and more populous than at any former period. On the whole, we incline to think, that whatever Italy may have lost in respect of pop, in certain districts, has been fully countervalled by a corresponding gain elsewhere; and that her decline from her ancient fame and influence has not heen occasioned by any decline in the num

can surpass the beauty and diversity of the scenery of Italy. Its mountains have every variety of form and elevation: alternately smooth and rugged, they exhibit by turns gentle declivities and fine pastures, tremendous precipiees and chasms, water-falls, deep and majestic forests, and summits, sometimes capped with snow, and sometimes emitting snoke and flames. Many of the forests, and summits, sometimes capped with snow, and sometimes emitting snoke and flames. Many of the valleys, as that of the Arno, are delightful beyond description; the plain of Lounbardy is not less besutiful than rich, and even the half-desert tracts along the W. shore interest by their solitude and their vastness. The extent of the sea coast, and the number and magnitude of the lakes, add also greatly to the beauty and variety of the landscape; while the clearness of the atmosphere gives to every object a brightness of colouring, and distinctness of outline, that can with difficulty be conceived by those accustomed to our cloudy and less brilliant skies. No wonder, then, that the beauty and richness, as well as the glory of their country, should have been a favourise theme of the ancient writers:—

Red neque Mederum silver, ditissima terra, Nec valcher Genges, atque suro turbidos Revnu Leudibus Italia: certent: non Bactra neque Indi, Totaque thariferis Paschala pinguis armis. Hic gravida frugue et Bacchi Massicus humor Implever; tennet eleuque, armentaque lesta. Hit gravides frages et Hecchi Messicus hum impierwer; temest elecențe, armentațes înst Hit ver sesiduum, atque altente mentitus me Adde tot egrețies urbes, operumque laborem Tot congesta menu preruptis oppida saxia, Fiaminațes satiquos subter laborula murot-fiamine, maque persus fragum, Saturnia tellu Magna virkm.

In respect of its vegetable products, Italy may be divided into six regions, according to its elevation. These are

Regions.	Elevation.	Products.	
1. Of the plains	— to 1,200 ft.	Lentisk, myrtle, laurel ilex and cork trees citron, fig. olive, vine portegrapate, &c.	
2. Oak and chemut	1,200 - 5,000 -	Oak, chemat, beech, alive, vine, corn, &c.	
L Beech and fir	3,000 - 5,000 -	Beech, firs, larch, ju- niper, and wheat, bur- ley, outs and maize, to 4,000 ft.	
4. Subalpine region -	5,000 - 6,000 -	Dwarf pine, arbutus gentian, anemone,	
5. Upper Alpine region	A Comment	Androsace, saxifyage and other Alpice plants.	
6. Region of snow	8,500 ft. & upwards	Iceland moss, Artemisis mutalling, and a few other plants.	

There is a much greater diversity of plants in the S-portion of the Apennine chain than in any other part of its extent: this diversity is the most marked in the second, or oak and chesnut region. The Italian or S. declivities of the Alps present a greater diversity of vegetation than those facing the N.; and more spe-cies of plants are found on them than on the Apen-

nines. On the Alpine summits are seen the dwarf birch, juniper, and other plants of Lapland and Siberia, while at their feet fourish the fig. Agove survicane, and Cactus operatios. Mount Vesuvius has a Flora pe-culiar to itself. (Haffmann, Europa und Scine Bewohner, 188 64.62.

and Cactus operatis. Mount Vesuvius has a Flora peculiar to itself. (Haffmann, Europa and Scine Baucohar, 181. 64—65.)

Italy is much more an agricultural than a manufacturing country, but the indolence of a great part of the pop., the remaining operation of the feudal system, and the backward state of agriculture, render the actual return far inferior to what the country is calculated to yield. Silk has become a most important product: its culture has increased very rapidly since the peace of 1815, and the total produce is now estimated at about 12,000,000 ibs. a year: wine and olives, particularly the latter, are alse very important products; and there is a great abundance of the finest fruits. Corn is not so generally cultivated in Italy as in the more N. countries of Europe; but pulse and other vegetables are extensively raised. Particular parts of the country are appropriated to particular products. Lombardy is the chief corn country; in the Genoese and Tuscan territories, the culture of fruit, particularly of clives, predominates; while the unhealthy district of the Maremme and Campagna remains, as before stated, chiefly in a state of natural pasture. Skilful agriculture is principally confined to the N.; in the centre, with the exception of portions of Tuscany, and S., it is at a very low obb; and throughout the kingdom of Naples the abundance of vegetable productions is owing more to the elimate and soil than to the industry of the husbandman. The products in the N. parts of the peninsula are found there in abundance; and whole groves of olives are seen growing in the open country, laterspersed with spices and other tropical products.

products.

The pastures of Italy are stocked with large berds of black cattle, sheep, and goats: few horses are reared; and the breed is in little estimation, except in certain parts of the Neapolitan territory. Bules are more common, being found better adapted for the bad and mountainous roads. The operations of agriculture are performed by oxen. The buffalo is found in Italy, though hardly any where else in Europe. Hogs are fed in large herds in the forests, particularly in Calabria. The mountains and forests contain a number of wild animals; among others, the boar, stag, marmot, and badger. The lynx or tiger cat is not uncommon in the mountains of Abrunso; and the crested porcupine is supposed to be peculiar to the S. of Italy. Foxes, hares, and winged game, are sufficiently abundant. From the heat of the climate in the S. provs., nakes and reptiles of different kinds are numerous. The rivers, lakes, and coasts abound with fish.

Messignizations and Trade.**—Italy is not distinguished.

tiles of different kinds are numerous. The rivers, lakes, and coasts abound with fish.

Messeyactures and Trade.—Italy is not distinguished for manufactures: the chief are those of silk fabrics, silk thread, &c., which have their principal seat in Lombardy. Woolles and linen stuffs, straw plait, gauze, artificial flowers, straw hats, paper, parchment, leather, gloves, essences, and musical instruments, are among the other goods manufactured in Italy; but, generally speaking, the raw products of the country form its chief exports, and most manufactured articles, whether of necessity or luxury, are imported from foreign nations. Venice and Genoa engrossed a large proportion of the trade of Europe, till the discovery of the passage to the East by the Cape of Good Hope, and the enterprise of the Fortuguese and Dutch, and after them the French and English, diverted European commerce into a new channel. From that period, the prosperity of those cities gradually decayed, and the first of them has sunk into comparative insignificance, while Italy at large has but a small portion only of her former commercial importance. In the Austrian, Papal, and Neapolitan territories, the exportation and importation of commodities is checked by impolitic duties and prohibitions; while, in the last two at least, little or nothing is done to promote trade or manufactures, by the improvement of coads. commodities is checked by impolitic duties and prohibitions; while, in the last two at least, little or nothing
is done to promote trade or manufactures, by the improvement of roads, harbours, and such like public
works. In Tuscany, a more liberal and enlightened policy is adopted, and Leghorn and Genoa still display a
considerable degree of commercial wealth and activity.
Trieste, however, is at present the principal Italian
port; but a good deal of its exports and, imports are
derived, from and intended for, Austria and Hungary.
Italy is, next to Germany and Holland, the largest
European importer of English goods. The exports to
it, at an average of the six years ending with 1838,
amounted to 2,738,1611. a year. In 1838, the exports
from the U. Kingdom to Germany were 4,988,9001; to
Holland, 3,549,4291.; and to Italy, 3,076,2314. Cotton
stuffs and twist form about 2-3ds of our exports to
Italy; the remainder being principally made up of sugar,
coffee, and other colonial products; woollena, from an
steel, hardware, linens, fish, earthenware, coal, &c.

The exports to Great Britain are principally olive
oil, brimstone, wine, kid and launt skins, oak and cork
bark, oranges and lemous, raw and thrown silk, partly

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for imported direct and partly indirect through France; straw hats, wheat (a good deal at second hand from the Black Sea), linesed, shumac, rage, &c. The trade with the Levant is very considerable; and a good deal is carried on with France, Austria, Greece, Switzerland, Germany, Russia, and America. Next to Trieste, Leghorn, and Genoa, the chief commercial ports are Civita-Vecchia, Naples, Gallipoli, Barl, Ancona, Venice, and Palermo: the principal inland commercial cities are Milan, Brescia, Verona, Bologna, Turin, Florence, Lucca, Rome, and Sinigaglia. Further details respecting the trade of fally will be found under these separate heads, and the different states into which the country is divided. We subjoin subjoin -

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A Statement of the Quantities of the principal Articles

imported into the U. Kingdom from Italy and the Italian Islands in 1838.

Articles.	Quantitles.	Articles.	Quantities.		
Brimstone (all	Transfer of	Shumac .	205,080 cwts-		
kinds) - Choese -	833,710 cwts.	Raw and waste	379,294 lbs.		
Cork (unmanu- factured) -	1,483 -	Lamb skins (un- dressed)	1,410,541 No.		
Wheat Gum Arabic -	30,264 qrs. 948 cwts.	Brandy Vallones	22,270 galls. 17,348 cwts.		
emons and	68,469 chents	Sheep's wool	996,764 lbs. 1,758,894 —		
Olive oil Plax and linseed	1,385,734 galls. 209,174 bush.	Wines	426,909 galls.		
biraw-bonnets			1000		
er. straw plait)	4,758 No.	1			

A Statement of the Quantities of the principal Articles exported from the U. Kingdom to Italy and the Italian Islands, in 1838, specifying the declared Value of the Articles of British Produce and Manufacture.

British and Irish Pro	duce and Manufact	Foreign and Colonial Produce.				
Articles. Quantities.		Declared Value.	Articles.	Quantities.		
Bram and copper (manufactured) Cotton (manufactured) and yara Coals, culm, and claders Earthenware Earthenware Herrings, &c. Hardware and cultry Iron and steel Iron and steel Steel Company Machinery, &c. Sugar (redined) Tin and powter goods Woollen manufactures, &c. Sundries Total Reitiel	7,609 cwts. 98,709 tons 98,510 pieces 90,954 hervis 8,927 cwts. 20,593 tons	L. 34,991 9,004,585 11,166 15,897 9,964 49,598 185,588 57,855 41,985 296,572 38,245 258,137 128,738 L. 5.076,251	Cassis lignes Cinsamon Consensus '- Coffe Cotton place goods Unique Lindige Peppur Raun Sagar (unrefined) Tobacco (unnamethorured) Cotton wool	106.945 lbs. 99.179 214.316 2.308.922 2.92.90 pieces 2.334 pvts. 31.737 lbs. 32.748 galls. 32.648 cvts. 1.424.883 lbs. 2.980.736 —		

The principal roads in Austrian Italy, Tuscany, &c., are pretty good, and some of them excellent; but in the Papal States and the Neapolitan dom., they are in general very bad. In Central Italy, however, several ancient roads exist, in good preservation; as the Emilian Way, and a part of the Applan, which constitute, in fact, the best routes in the territories of Parma, Modena, and the Pope. New and excellent roads have been opened from Genos to Nice, Turin and Leghorn, and from Leghorn to Grosetto. The road from Rome to Naples is extremely good; and a new road has been made from Naples to Brindisi, and the extremity of Calabria. Within the present century, also, magnificent roads have been carried over the Alps, by the passes of the Splügen, Simplon, St. Bernard, Mont Cenis, &c., and easy means of communication have thus been opened between Italy and transalpine Europe.

munication have thus been opened between Italy and transalpine Europe.

Canals are numerous, especially in the Austrian territories, the N. legations of the papal dom., and the central part of Piedmont; they are chiefly, however, for irrigation only. But those of Pisa and Cento, and those from the Po to Ferrar and Regio, are navigable.

Religion, Education, &c. — The pop. is entirely Rom. Catholic, except a small portion inhabiting a few valleys of Piedmont, who profess the Protestant faith; some communicants of the Greek church, in the S. provs. of Naples; and Jews, and strangers of various creeds, residing principally in the large cities, where they are allowed the free exercise of their different modes of worship. There are 38 Rom. Cath. archibinops, and an indefinite number of suffagan bishops, in Italy. The number of inferior ecclesiastics is surprisingly great, and the secular clergy are the principal teachers in their respective pars. It has been said, with reference to public education in Italy, "It is quite a mistake to conceive that no advance has been made of late years in the department of education in Italy; and is far is it otherwise, that the footing on which popular instruction has been placed is, on the whole, superior to what exists in France or England. Any one who will give himself the pains to enquire into the fact, will find that there are proportionally more Italians than Englishmen or Frenchmen who are able to read and write; and the children of the middling and lower classes in Lombardy and Tuscany have no reason to shrink from a comparison with their concemporaries in Frotestant countries, as respects the quality

the middling and lower classes in Lombardy and Tuscany have no reason to shrink from a comparison with their contemporaries in Protestant countries, as respects the quality of their acquirements. In every part of italy the mind is perceptibly on the advance, more especially in the north."

(Journal of Education for April. 1833, p. 368.)

This, however, is a most inaccurate and unfair estament. It is true that elementary instruction is pretty generally diffused in N. Italy and Tuscany; but such is not the case in the Papal States and in Naples. And whatever may be the fact as to mere elementary instruction, most of the higher branches of education are very far behind in all parts of Italy. And what else could be expected in a country subjected to irresponsible governments, and where the freedom of the press is almost unknown? There is not, and it would be folly to expect that there should be, any real instruction, in such a

country, in either moral or political philosophy. People in N. Italy are taught to road and write; but there, as in most parts of the peninsula, this preliminary knowledge, instead of being turned to good account, is made a means of imbuing them with prejudices, and of enslaving their minds. The most celebrated Italian universities are those of Pavia, Padua, Bologua, Pisa, Parma, Rome, Naples, &c.; but their ancient reputation has greatly fallen off; and it was originally owing, not so much to the superior in-

but their ansient reputation has grossy manus or, some it was originally owing, not so much to the superior in-struction they afforded, as to the backwardness of the cor-responding class of seminaries in other parts of Europe. Of the societies instituted in the country with a view

responding class of seminaries in other parts of Europe. Of the societies instituted in the country with a view to the improvement of the language, the most celebrated is the Academia delia Crusca, at Florence (see Florence); others are established in Rome, Milan, Bologna, and other large towns. No part of modern Europe has surpassed Italy in the number of her sons eminent in literature, science, and the flue arts. This has been, in some degree, owing to her being the refuge of men of letters, when driven out of Greece by the invasion of the Turks; but far more to the early independence and wealth of the principal cities. Under the fostering influence of the latter, Dante, Petrarch, Boccaccio, Machiaveill, and a host of other great poets and prose writers, besides painters, sculptors, and musicians, flourished at a period when the literature and the arts of the rest of Europe were comparatively barbarous. The Italians still excel in works of imagination, and of pure science and antiquities; but the antipopular nature of their governments, the want of free institutions, and of a free press, drive them from the higher and more interesting walks of literature. literature.

drive them from the higher and more interesting walks of literature.

Italy is richer than any other country in monuments of antiquity and of the middle ages. Among the splendid relics of ancient grandeur are the Coliseum and Pantheon; the triumphal arches of Vespasian, Severus, and Constantine; the pillars of Trajan and Antonine; the closes, &c. at Rome; the amphitheatres of Verona and Pola; the catacombe of Naples; the ruins of the temples of Posidonia or Prestum, simple, austere, massive, and of unknown antiquity; and, above all, the subterranean remains of Herculaneum and Pompeil. Almost every town possesses some memorial of antiquity, and there is scarcely a place or a stream of any size that is not imperishably associated with some circumstance of importance in ancient or modern history. Tivoli (Tôser), where Horace and Catulius had villas; the Alban Mount (Mona Albessus), surmounted by the temple of Jupiter Latialis; Frascail (Tusculum), the seat of Cicero's villa, whence the Disputationes Tusculume, the most beautiful of ethical disquisitions, derive their name; the Lake Nemi (Lacus Nemorensus), sacred to Dian; the Camper Philegrari, near Naples; the Bay of Bais; the field of Canna; the Rome (Lake of Trasimene, and Avernus, and a thousand other places, have all acquired an immortality of renown.

nee; the lakes of 1 rasimene, and Avernus, and a thousand other places, have all acquired an immortality of renown. State of the People.—It is difficult to form any fair estimate of the real condition of the people of Italy. Having been long parcelled out into numerous small states, and subjected to different laws and customs, they are not a homogeneous nation; and it would be unjust, as well as

ITALY.

maccurate, to suppose them all alike. Nevertheless, they have meany things in common; and the state of the peasantry in most parts of the country contrasts very disadvantageously with the fertility of the soil and the beauty

Himato.

Here has hind Heav's adorn'd the happy land, And scatter'd blessings with a waterial hand! But what avail her unerheaseds stored. But what avail her unerheaseds stored with a the gifts that heav's and cord impart with all the gifts that heav's and cord impart with a state of the st

And in the surprise fragment hasher represes:
Star-use in the midst of satary's bousty carst,
And in the isolate viasyard dies for thirst.

Perhaps, however, this is rather too unfavourable a picture. We agree with Dr. Moore in thinking that extreme indigence is accompanied with less wretchedness here than in most other Kuropean countries; a consequence partly and principally of the mildness of the elimate, and partly of the temperance and contented disposition of the people. (Moore's Italy, ii. 240.) But, with all this, it is still true that there is in Italy a great deal, not merely of poverty, but of wretchedness and misery. With the exception of the Neapolitan dominions, in which agriculture is at the lowest ebb, Italy may be said to be a country of small farms held on the sudager principle, or on condition of the occupier giving up half the produce to the proprietor; and where such a system of occupancy exists, there can be little or no improvement, nor any accumulation of wealth. In such a state of things, the occupiers were interested to the most tremendous viciasitudes. Neither is there in Italy any regular state provision for the poor; and wherever this is the case, and especially in so densely peopled a country, there cannot fail to be innumerable instances of extreme suffering. The mortality that took place in Italy after the deficient harvest of 1817 was quite trightful, and mendicancy and misery prevail at all times to an extent unknown in better governed countries, though with fewer natural advantages. A superficial observer might suppose that the small farmers in the Fall «Yano, and other rich and beautiful districts of Tuecany and other parts of Italy, were in the enjoyment of most of the comforts of the Golden Age; but, in point of fact, they have to maintain a constant struggle with poverty. M. Lullin de Chateauvieux says of the occupiers in the Tuscan Arcadia, that, "on entering their houses, we find a total want of all the conveniences of life; a table more than frugal, and a general appeara

the towns, houses, and persons of the people, would, in most instances, be greatly improved by scrubbing, washing, and combing.

The reader may find in Meore, Matthews, and other writers, full details of the cicisbeo or cavaller servients system, peculiar to Italy. It is confined to the higher classes, and appears to be the natural result of a state of society in which marriages are adjusted on mere mercenary principles, the parties frequently meeting for the first time at the altar, and where there is little save affairs of, gallantry to engage the attention of the men. The introduction of free institutions and of a free pressing its time. The introduction of free institutions and of a free pressing temperature of the men and the first public display of apparent, if not read, disregard to the most important engagement of life, will maintain its ground.

Founding hospitals abound in most parts of Italy; and are at once a powerful cause as well as an effect of the corruption of manners. They receive all classes of children, legitimate and illegitimate, rich and poor; and great numbers are annually sent to them. The mischievous consequences of such a state of things, and the disregard which it evinces for the most secred obligations, are too obvious to require being pointed out. One of the greatest, and, perhaps, most indispensable reform

that could be effected in Italy would be the ab.liktion of foundling hospitals. What is to be expected of those who do not scruple to send their children to die, or, if they escape death, to be brought up, independently of any care of theirs, in foundling hospitals? Such persons may have the cant of patriotism on their tips I but we may be quite sure that they do not believe will directly conduce to the promotion of their own selish ends and projects. We borrow from Mr. Matthews the following striking description of the laties of Rome and of the Papal States. "The women are in the grandest syle of beauty. The move about with the inceding tread of a Juno. The physiognomy of the Italian woman bears the stamp of the most lively emission woman bears the stamp of the most lively emission woman bears the stamp of the most lively emission of the states of the state

Unfortunately, the contests between the different par-ties in Italy ended, as such contests almost always do, by making it an arena for the struggles, and subjecting it to

making it an arena for the struggles, and subjecting it to the arms of foreigners. German, French, and Spanish troops, after being engaged in supporting the pretensions of one or other of the rival states, turned their arms against those they had supported, or who had invited them into their country, and, trampling on their liberties, imposed on them new and despotic masters. Had Italy, when the republican governments were de-stroyed, had the good fortune to have been consolidated late one single and undivided monarchy, the people would have been fully compensated for the less of political in-dependence. According as local hatreds and party an-mosities subsided, the nation would have been able to defend with the same spirit, and would have been able to defend with the same spirit, and would have been able to defend itself against foreign aggression; and the probability is, that in the course of time the people would have acquired power sufficient to soften the despotism of a government originating in conquest, and to recover possession of a portion at least of their former rights and privileges. But the subversion of the Italian republics was attended by no such result. Instead of being reduced under one, the country was divided among a hundred petty despots and despotical aristocracies. Nor was there any possibility of remodying these evils; for Austria, having obtained possession of the Milanese and Tuscany, was enabled to prevent any single state from acquiring a decided ascendancy, and to perpetuate and embitter those disastrous feuds and divisions which led to the ruin of the republics. with the same spirit, and would have been able to defend publics.

publics.

It would be an endless task to endeavour to describe the various effects of which this state of affairs has been productive. Ever since the subversion of the Florentine republic, in 1530, the Italians have ceased to exercise any perceptible influence over the deliberations of their multitudinous rulers. Parcelled out among foreign sovereigns, or sovereigns descended from foreigners, what interest could they feel in the contests of the Bourbons of Parma and Naples; the Austrians of Milan and Mantus; and the Lorrains of Tuzcany? They were not only deprived of their ancient liberties; but the constant state of vassalage in which their perty sovereigns were themselves held by the great transalpine powers prevented their acting in conformity either with the wishes or the real interests of their subjects. The national spirit was thus gradually destroyed; the Italians either ceased to have or to express an opinion on public affairs; they endeavoured to forget the stormy discussions in which they had been engaged, by plunging into the depths of sensuality; and from being the most active, intelligent, and industrious people in Europe, sunk into a state of sluggish indolence and spathy. The victim by turns of selfain and engulnary factions, of petty tyrants, and of foreign invaders, italy has failen like a star from its place in heaven; also has seen her harvests trodden down by the horses of the stranger, and the blood of her children wasted in quarrels not their own; conguering or conguered, in the indignant language of her poet (Filicaja), still alike a close; a long retribution for the tyranny of Rome." (Hallams's Middle Ages, i. 339.)

In the latter part of the 18th century, Beccaria, Genovesi, Verri, Filangieri, and other eminent men, attempted to awaken their countrymen to a sense of their true interests; but their efforts were not attended by any corresponding success. At the epoch of the French revolution, the government of almost every state in Italy, with the exception of Tuzcany, was a tissue of the it would be an endless task to endeavour to describe se various effects of which this state of affairs has been the various offe

assassination was carried to an extent unknown any where else.

Whatever may have been the influence of French domination in other parts of the Continent, there cannot, we apprehend, be a doubt, that, to Italy at least, it was most advantageous. Under Napoleon, who has a just title to oe called its greatest benefactor, the countries now comprised in the Lombardo-Venetian kingdom formed the kingdom of Italy; Piedmont, Genoe, Parma, Tuscany, and Rome were united to France, and received her laws and institutions; and Naples was constituted into a subordinate kingdom, with improved and more liberal institutions. A vigorous and efficient police was every where organised; the oppressive shackles which the jealousy and short-sighted rapacity of the different petty states had imposed on the internal commerce of the country, were entirely removed, and full power was granted to export the various products of the soil; torture was abolished; a uniform code of laws was introduced; instead of the dark and mysterious proceedings of secret

tribunals, justice was openly and impartially admini-

LTY.

tribunals, justice was openly and impartially administered; science was protected and encouraged; the Italian soldiers emulated the discipline and bravery of their French allies; local prejudices and long-cherished antipathies were on the wane; a sational spirit was beginning to revive, and that energy which had for enturies been dissipated in frivolous and unimportant pursuits, was again exerted for the public benefit.

No doubt the government of the French in Italy was defective in many respects, and in some oppressive and arbitrary. But, notwithstanding these drawbacks, it was certainly far preferable either to that by which it was preceded, or to that by which it has been followed. Direct taxation was carried by the French to an unprecedented extent; and, latterly, the conscription was feit to be a severe hardship; but as the former was accompanied by the entire freedom of industry, and as the latter pressed indifferently on all classes, they were submitted to with ititle or no reluctance. "The Italians," says M. Sismondi, "partook of all the privileges of the conquerors: they became with them accustomed to the dominion of the law, to freedom of thought, and to military virtue; secure that, at no very distant period, when their political education should be accomplished, they would again be incorporated in that Italy, to the future liberty and glory of which they now directed their every thought." (Progress and Fall of Italians Prections, p. 30.)

"Under the French," says Mr. Stewart Rose, "Italy enjoyed all the incalculable advantages of a code which allowed the cross-examination of witnesses, and gave publicity to all the proceedings of justice. This, indeed, was so under the ancient government of Venice; but a criminal code was given her by France, infinitely superior to what she possessed in the time of Prance, the sawson (laws regulating the trade in corn and other necessaries) laws slept, and justice, civil as well as criminal, was well and expeditiously distributed. At present, there is no one,

work was published.

It is greatly to be regretted that, on the downfall of Napoleon, in [814, provision was not made for the consolidation of Italy into an independent state; but disciplination of Italy into an independent state; but disciplination of Italy into an independent state; but disciplination of Italy by France." (Sismondi.) The load order of things was, to a considerable extent, restored: the republics of Venice and Genoa, indeed, disappeared; but the kingdom of Sardinia, the Papal States, and the dukedoms of Tuscany, Parma, Lucca, &c. were reintegrated nearly on the footing on which they stood before the revolution. Austria, however, had the lon's share in the new arrangement, having acquired the whole Milanese and ci-derass Venetian provinces; at the same time, that the dependent thrones of Tuscany, Modena, and Parma were filled by members of the house of Hapsburg, to which they look up for protection and support. Hence the influence of Austria is now all but omnipotent in N. and Central Italy, and it also predominates in the S., where the throne of Naples is again occupied by a Bourbon.

bon. On the restoration of the old governments, a good many abuses which the French had rooted out were revived, and the nation was insuited and humilisted. With the division of the country into different states, an end was put to the equality of duties and the freedom of internal commerce; and those sectional prejudices and hatreds that had begun to be obliterated, again exhibited their odious characteristics. The open impartial justice, and the vigorous police, introduced by the French, were either wholly suppressed, or materially modified; and in the Papal States and Naples, especially the former, the priests again acquired a preponderating influence; and these are, once more, Turkey and Spain excepted, the worst governed of the European states.

The government of Austria in Italy cannot be justiy

European states.

The government of Austria in Italy cannot be justly said to be oppressive. But it is antipopular, jealous, and repulsive. This is evinced by the restraints laid on the press, and on the importation of books, and by its preventing the opening even of a school for elementary instruction without its express permission. The pressure of taxation and the conscription are less severely felt now than under the French, but this is more than countervalled by the defects in the administration of justice. Under the French government, the prompt administration of justice, and the efficient police, almost wholly suppressed private assassination and public robbery; but they have again revived in the Papal States and Naples,

though even there they are a good deal less frequent

though even there they are a good usus is the control than formerly. It is impossible to say how long the present order of things is destined to last; but at present, unless relief should come from without, the prospects of Italy are far from encouraging. The want of all sympathy with each other, and the jealousies that subsist amongst the different states, will, it is much to be feared, long oppose an insuperable obstacle to any united or persevering effort to throw off the yoke of their foreign masters; and even though such were not the case, there is a "softness of character, approaching to imbedility" (Matthews), that unnerves the italians, and unfits them for sustaining the difficulties and perils that would have to be encountered in such a struggle.

the difficulties and perils that would have to be encountered in such a struggle.

ITALY (AUSTRIAN). Under this term are included all the Austrian territories within the limits of lally, comprising the Lombardo-Venetian kingdom, and the gov. of Trieste, extending over a space of about 22,118 eq. m., and having, in 1839, a pop. of 5,179,100. The gov. of Trieste is, however, included in the kingdom of lilyria; and the following statements will, therefore, apply only to the rest of the territory, being that, indeed, to which the name of Austrian Italy especially helenges.

belongs.

The Lombardo-Venetian kingdom, one of the most valuable possessions under the Austrian sceptre, extends between lat. 44° 49′ and 46° 41° N., and long. 5° 36′ and 13° 36′ E., having N. Carinthia, the Tyrol, and the Grisuns, from which it is separated by the Alps; W. the Swiss cant. Ticino and Pledmont; S. the duchies of Parma and Modena, and the N. legations of the Papal States, from which it is chiefly divided by the Po; and E. the gov. of Trieste and the Adriatic. Area, pop., subdivisions, &c. as follows:—

Govern- menus	Delegations.	Area in	Population.	Pop. to sq. m. 269 267 274 4 379 251 6 439 7 471 6 295 66	
Lom- bardy	Bergimo Brvacia Como Cremena Cremena Crems-e-Lodi Montua Milan Pavis Sendrio	1,399 1,255 1,285 479 772 379 1,018 517 1,314	(1830) 335,942 354,742 352,703 181,756 205,354 254,661 477,903 152,993 86,976		
	F	5,535	2,580,635	279	
Vinice	Padua Rovigo Vicenza Versica Venice Treviso Primi Bellumo	544 439 574 1,454 1,085 7,55 2,760 314	(1835) 290,514 150,623 297,747 295,8157 268,157 251,732 275,974 137,840	344 343 340 205 247 346 135 44	
	1	9,593	2,069,258	217	
	Total -	15,063	4,449,873	246	

But it would appear from the statements in the Abmanac de Gothe for 1841, that the pop. in 1839 had increased to

de Golds for 1841, that the pop. in 1839 had increased to 4,577,482.

The N. part of this territory is mountainous; the 8. fast forming a portion of the plain of Lombardy. The Alpine chains on the N. frontier rise to an elevation of more than 13,000 ft. above the sea. By far the greater part of the surface, however, is flat: the flat lands, comprising the delega. of Pavia, Lodi, Crema, Cremona, Padua, Rovigo, Venice, and parts of Verona, Vicenza, Breacia, Milan, &c. The whole country abounds with rivers, all of which, except the Fo, have more or less a 8. course, and all contribute their waters to the Adriatic. The chief, after the Po, are the Ticino, between Lombardy and Pledmont, the Adda, Oglio, Chiesa, Mincio, Adige, Brenta, Plave, Tagliamento, &c. At the foot of the Alpine chains, in the N. of Lombardy, are the lakes of Garda, Como, Maggdore, Lugano, Iseo, &c. The shores of the Adriatic are lined with extensive lagoons, in the midst of which is Venice. A succession of marshes extends along the benks of the Po, in the lower part of its course, and round its embouchure is a dreary tract of swampy ground scarcely enlivened by a single of its course, and round its embouchure is a dreary tract of swampy ground scarcely enlivened by a single

The central parts of the high mountain chain consist of granite and other primary formations: the lower hill ranges consist chiefly of secondary limestone. The country on the Po is a vast aliuvial plain, containing numerous fossil remains. Traces of former volcanic action exist in the Euganean hills, an isolated group to the S.W. of Padua Lava, basalt, iron, coal, turt, potter's clay, some copper, arsenic, marble, and alsater, are the most important mineral products. The climate is generally healthy, except in the rice grounds along the Po, in the vicinity of Mantua, and near the Adriatic. The thermometer, though it keeps much higher in summer, generally sinks lower in winter in Lombardy than in England. The mean temp. of the Vol. II.

year at Sondrio is 51 Fah., at Milan 53-6, and at Padua 56-6. More rain falls in this than in any other portion of the Austrian dominious; in the government of Venice the mean annual amount is estimated at 34 inches, and in Lombardy at 45 inches. The greatest fall is in au-

the Austrian dominions; in the government of Venice the mean annual amount is estimated at 24 inches, and in Lombardy at 45 inches. The greatest fall is in autumn and winter.

The tops of the Alps are naked, covered with snow, and interspersed with glackers; but their sides are for the most part covered with fir, larch, oak, pine, chesnut, and other trees, or natural pasturages. The plain country is continuously cultivated, and is one of the most productive portions of Europe. About 4-8ths of the pop. of Lombardy depend directly or indirectly on agriculture; and nearly 7-10ths of the surface are under culture, the proportions in 100 parts being arable lands 67, pasture 12, and wood 21. But, between adapted for cultivation on an extended scale, Lombardy is, as already stated, generally a country of small farms, cultivated on the mériager principle, and its agricultural inhabs., though industrious, are mostly poor. Châteauveux remarks, that over most of the country few of the farms exceed from 70 to 75 English acres, while few also have less than 10 or 12. The subdivision of land is, however, much greater in the upland regions of land is, however, much greater in the upland regions of land is, however, much greater in the upland in the mountain consists of pastures. Only the lower border of the mountain belt is arable; the land is there frequently cut into terreace one above a mother, the divisions hairs out. land is, however, much greater in the upland regions than in the plains: in the Milanese there are many farms of 120 acres. Most of the productive land in the mountains consists of pastures. Only the lower border of the mountain beit is arable; the land is there frequently cut into terraces, one above another, the divisions being occasionally supported by stone walls. The earth that fills these terrace-trenches is continually carried down to the lower levels by the action of rain, and other causes, and has to be brought up again every two or three years, often on peasants' backs, the routes being impracticable for vehicles. The vine, mulberry, walnut, and various other fruit trees, barley, rye, a little wheat, buckwheat, pease, millet, hitchen vegetables, hemp, and flax, are the chief agricultural products of this region. The land is here divided into the most minute portions; and being, as it were, the one thing needful to existence, the greatest value is attached to its possession. The inheritance of an individual is often only a few equands of land; and on the lake of Garda a similar extent of surface, cultivated with lemons or oranges, or the laurel (for its oil), serves to maintain a family. In the central region, or hill country, properties are less divided; though they are there split into small stewardships, worth from 18,000 to 20 000 francs. These farms are mostly the property of the higher classes, and of the inhabs. of cities. There is acarcely a single peasant proprietor, the peasantry being mere tenants, paying, in general, a rent of half the produce. A lease at

ships, worth from 15,000 to 20 000 francs. These farm are mostly the property of the higher classes, and of the inhabs. of clities. There is scarcely a single peasant proprietor, the peasantry being mere tenants, paying, in general, a rent of haif the produce. A lease at a fixed rent, or a money rent, is extremely rare. Slik, wines, oranges, lemons, olives, and other fruits, corn, cheese, and cattle, are the chief products of this region; the culture of the silkworm is an important occupation of the peasants' families, and, with the money gained from this source, they provide themselves decently with the necessaries of life.

The aspect of this part of Lombardy is very pleasing. Flourishing villages, hamlets, and isolated houses are spread over it, connected by carriage roads made at the expense of the proprietors and communes, which latter possess a considerable portion of the soil in this and the next region. In the high flat country, or that part of the plain near the hills, small stewardships are not common. The system is that of pignionsant, or sharing-tenants; that is, tenants who pay a rent in money for their house, and a fixed rest in kind for the ground. In the low flat country, none of the property is communal; the farms let at from 10,000 to 60,000 fr. year, and some as high as 95,000 fr.; and the farmers have considerable capital in stock, as cattle, implements, seed, and timber. In this region great numbers of cattle are fed. It has, like the high flat country, a siliceous bottom, with the difference, that here in every part water may be procured at a very little distance below the surface. In the deleg. of Lodi, and its neighbourhood, the soil is so fertile and well watered, that the inhabs have relinquished the growth of corn for that of the indigenous plants spontaneously produced. The meadows, constantly irrigated, are mowed, and spring again four times in the same year, and the value of the produce in grass is superior to that of the richest corn. (Châleaswicus, 275.)

The mode of irrigation d

waters are diligently measured by rules, derived from bydrostatic laws, which have passed into an habitual practice. The canals are provided with graduated doors, which are raised or lowered according as the case may be: they are termed facastri. The measure is called oncid, and corresponds to the quantity of water which passes through a square hole, 3 Milanese inches high (an oncid of Milan equals 2 in. Eng.), and 4 in. wide, open 1 in. below the surface of the water, which, with its pressure, determines a given velocity. Sometimes the same number of inches of water is given out by the day and the hour on different farms. The value of a property depends on the command and goodness of the water; if deprived of the fertilising fluid, it would diminish rapidly in price. Hence the state of the waters is the object of local statutes, and of diligent care and attention. The absolute property of an inch of water is usually valued at from 10,000 to 15,000 fr.; but some waters are valued as high as 30,000 fr. All proprietors are entitled to carry a new 10,000 to 15,000 fr.; but some waters are valued as high as 30,000 fr. All proprietors are entitled to carry a new canal for the purpose of irrigation across the grounds of their neighbours, on paying the fair value of the ground occupied by the canal, and adding to it one quarter more. (Bouring's Rep., p. 99.)

W. of the deleg. of Lodi, between Milan and Pavia, a good deal of rice is grown. The distr. appropriated to its culture is divided by a great number of canals, lined with banks of turf. Into sourse of 2 or 3 acres each, within

(Boirring's Rep., p. 99.)

W. of the deleg. of Lodi, between Milan and Pavia, a good deal of rice is grown. The distr. appropriated to its culture is divided by a great number of canals, lined with banks of turi, into squares of 3 or 3 acres cach, within which the rice grows, in water, admitted by siluces, to the height of a few inches. The rice is sown after a single ploughing, and without any other preparation of the land. The sluices are opened to admit water when the plant is some inches in height, and it is drained off again near the period at which the grain is ripe, to allow the land to dry before reaping. After having been reaped, the rice is ited into small sheaves, which lie heaped together some time before being thrashed. The soil remains dry till again ploughed. Rice is grown for three years successively on the same land, after which the ground is left fallow for two years, manured once, and produces in those two years a most abundant crop of hay. The produce of a crop of rice is estimated at double that of a crop of wheat. The rice grounds are let at fixed rents, of about 160 fr. an acre; and even at this enormous rent, the farmers (who do not divide their profits with landlords) have often make large fortunes. The labour required is little, and not expensive; but it is very unhealthy. "Sickly labourers are seen passing along the banks, to superintend the distribution of the water. They are dressed like miners, in coarse cloth, and they wander about, pale as ghoests, in the reeds and near the sluices, which they have scarcely strength enough to open and shut. In crossing a canal, they are often obliged to plunge into the water, and they come out wet and covered with mud, carrying with them the germs of fever, which never falls to attack them. They are not the only victims, as the harvost men seldom get in the crop without being seized with rigors, the air in all the neighbouring places being deteriorated by the stagnant water. The avidity of the rice planters is, therefore, restrained by law, and t

outer and energy of skimmed milk: the cows are only fed at stated times, and are stalled during a great part of the 24 hours to empty racks, a process which Arthur Young says he was assured was necessary to give the requisite richness to the milk! (ii. 198.) In the course

STRIAN).

of a year a cow produces at an average 200 libbre grosse, or 155 killogrammes of cheese. It is sold twice a year by the farmers, at about 16 millions of libbre grosse, worth from 15 to 16 millions ft. There are about 12 libs. butter for every 40 lbs. cheese. The value of the cheese and butter consumed and exported from Lombardy, is estimated at 23,250,000 fr. In the Milanese district, a fat cheese, called strackino, is made, especially at Gorgonsola, to which coagulated milk is carried from other parts. Its production is considered more profitable than that of Parmesan: it is sold at about 17. 28 c. the kilogr. Much of it is made from the wandering herds of cattle which descend in the autumn into the plains. The proprietors of these herds, called bergamist, belong to the mountain region: in summer they migrate in search of pasture to the N. side of the Alps, sometimes as far as the Grisons. The pasture lands of Lombardy are mostly in the mountains and low flat country; in its other regions, cattle, sheep, beasts of burden, and even goats, are scarce.

The large farm-houses and offices throughout Lombardy are built on a uniform plan. They are of brick, and surround a square court-yard, on one side of which is the residence of the farmer, granary, and stables, all well arranged, while the other sides consist of covered porticoes, under which the fodder, carts, &c. are kept. Half the court is paved; the other half is an area on which to thrash the corn. A garden is attached to the building, the outer walls of which are covered with vines, producing a growth for ordinary use. Each of these farms has a metayer and his family, who usually hold it for generations. They consider it as a partmony, and never think of renewing the lease, but go on from father to son, on the same terms, without writings. The stock of cattle, &c. belongs to the proprietor. In a farm near Marignano, Châteauvieux states that 100 cows and some animals for draught were kept on 85 acres of measiow land. The métayer estimated the averag

is, as has been said, divided into portions of from 10 and 15 to 50 and 70 acres. Two acres are assigned to every men were saud, divided into portions of from 10 and 15 to 50 and 70 acres. Two acres are assigned to every man and his family, or three to families where there are two men. The farmer furnishes the oxen and horses to plough the ground, and advances the seed; the cultivator performs all the farm work till the crop becarried to the granary. 1-3d part of the buck wheat and beans, and 1-4th part of the rice, are then the share of the cultivators. nary. 1-3d part of the buckwheat and beans, and 1-4th part of the rice, are then the share of the cultivator; out of which, however, he returns the farmer the seed formerly advanced, amounting to about 1-5th part of the rice, and 1-30th part of the buckwheat. In addition to their wages, the master allows most of his farm servants a small house the master allows most of his farm servants a small house and kitchen-garden rent free; and pays their capitation, and other taxes, amounting to about 6 or 7 fr. each. The hire of a dairyman, besides a certain quantity of provisions, varies from 115 to 200 fr. a year; that of a carrier from 180 to 180 fr. Ordinary labouters get bread, rice soup, milk, &c., and from 62 to 69 fr. a year; drovers get only their food. Rice-respers, wood-catters, and movers occure mostly from the mountain districts of Parma and the Tyrol, and vine-dressers from Pictomort and the lake

their food. Hice-reapers, wood-cutters, and mowers come mostly from the mountain districts of Parma and the Tyrol, and vine-dressers from Piedmont and the lake Maggiore: the wages of all vary from about 1 to 1½ fr. a day, with food.

In 1886, it was estimated that 770,000 Winch. busb. rye, 3,795,000 wheat, 6,82,700 maize, 838,000 rice, 10,110,000 cwt. hay, &c., 5 3(0,000 do. straw, 698,000 do. cheese, butter, and honey, 170,000 do. silk, and 1,915,000 cimer wine, were produced in Lombardy.

We have fewer details respecting the agriculture of the Venetian provs. Their surface is estimated by Quadrio at 2,367,070 torrativer, 1,102,128 of which are in the plain country, 747,260 being arable, or corn lands, 17,800 rice-grounds, and 189,000 meadows and pastures.

Maise is grown in considerable quantities near Verona, and the mulberry very extensively between that city and Mantua, and towards Vicenza. The mulberry-trees are frequently planted all round the corn-fields, and vines festooned from one tree to another, so that on the same ground three crops—silk, wine, and grain—are annually produced. From Verona to Vicenza the meadows are irrigated with great care as well as facility, by means of the numberless streams that flow into the Adige, the beds of which, being continually raised by the gravel they bring down, and artificially embanked, are, for the most the numberiess streams that flow into the Adige, the beds of which, being continually raised by the gravel they bring down, and artificially embanked, are, for the most part, above the general level of the plain. Notwithstand-ing the fertility of the soil, the inhab, are generally poor. Several large farming establishments may be seen,

but no comfortable cottages, or signs of wealth, among the possantry, who bear a very indifferent character. The fletis about Vicensa, however, are kept with great neatness, and cultivated with much industry, presenting a favourable contrast to those about Padua. On the road between those two cities all beauty of scenery disappears. "Willows in all their pollard ugiloses, and long lank peoplars trimmed to the top, afford a yearly crop of faggots, the only fuel of the country. The tops of the pollarded trees near Vicensa, may be seen cut almost in the shape of goblets, for the sake of holding the leaves of the maile placed there for drying. Potages are often cultivated crees near vicenta, may be seen cut atmost in the shape of goblets, for the sake of holding the leaves of the maize placed there for drying. Potatoes are often cultivated amidst the corn. On the road may be seen immense butts full of grapes, mounted upon clumsy wagons, to which they are secured by such tron rings and chains as would hold a frigate at her moorings, dragged along by 4, 8, or 8 oxen, when a proper vehicle would not require more than a pair." (Conder's Itsiy, it. 111.) The grain produced in the venetian prova. leaves a surplus over what is required to meet the home demand. Good husbandry diminishes as we proceed eastward, and istria is a country which would scarcely repay it. That peninsula is a collection of burren limestone hills, interspersed with a few fertile valleys; it yields very little corn, and the expenses of cultivation nearly absorb the profits. Wood is searce, and fuel has mostly to be brought from Carniola or elsewhere. The oils of Istria, however, are frequently as good as those of Toscany, and form its chief export. Some of its wines, also, are good, but the links are more a com-

The oils of latria, however, are frequently as good as those of Tuscany, and form its chief export. Bome of its wines, also, are good, but the inhab, are more a commercial and sea-faring, than an agricultural or manufacturing, people. (See lilvinl.)

The coliture of silk, the most important staple of Northern Italy, is rapidly extending; and even in the delegs. of Pavia and Lodi, where the climate is unavourable to the worm, the nulberry is gradually superseding the vine and olive. In the deleg, of Breecla alone, the oil crop has diminished within the last 25 years from 400,000 lbs. to half that quantity; while the produce of silk has risen within the same period from 1,900,000 to 3,800,000 lbs. The annual produce of silk in Lombardy. Venice, Tyrol, and Tessino, is estimated at about 7,000,000 lbs., or nearly 7-11ths of the total produce of Italy. The produce of the Lombardo-Venstian kingdom, in 1825, was 3,469,475 Milanese lbs., since which time it has consequently about doubled. The best silk in Lombardy is obtained in the district of Branza, between the lakes Maggiore and Como; and in the Venstian provs., from the delegs, of Treviso and Friull. Milan and Bergamo are the great centres of the trade in silk; the former city and its neighbourhood, with many Mantuan districts, produce the best sewing and twist silk. Vicenza and Bassano produce immense quantities of silk, chiefly double-threaded trains, and much also is obtained from Padua; but in all the latter named provs., quantity is more sought after than quality in the production of the article.

Next to silk, the chief manufactures are those of woollen and cotton fabrics, limen thread, peper, hats, iron

contained from Padius; but in all the issuer names provs., quantity is more sought after than quality in the production of the article.

Next to silk, the chief manufactures are those of woodles and cotton fabrics, linen thread, paper, hats, iron goods, &c. in Lombardy there are several iron and copper works, with fabrics of earthenware, marble quarries, &c. (For details respecting the chief foreign trade of Austrian Italy, see Milan, Ventca, Triestra, &c.)

The mountain districts send whose into Switzerland and the Tyrol; and live stock, game, cheeses, butter, honey, firewood, charcoal, timber, granite, marble, slates, bricks, iron and steel, various implements, cloths, and a little hemp, into the flat country; out of which they receive, in exchange, wheat, rice, maize, and oil.

Tarsifon.—According to the new government survey, the value of the land in the Lombardy Proper amounts to from 21,000,000 to 22,000,000 lere, and in the Venetian provinces to about 12,000,000 lere, or together to about 1,000,000,001 a year, or nearly \$\frac{3}{2}\$ per cent. on the assumed value of the capital. The valuation by which the land-tax is levied in the Milanese has not been altered since 1760: the tax has indeed been increased, but the increase has not been by any means equal to the increased value of the land. After 1795, the land-tax was as high as 48 centesimi per acudo, but since 1819 it has been reduced to 171 centesimi: the Venetian provs. It has also been reduced, but it is still higher there than in the Milanese. It is supposed that the system, to be bottomed on the new survey, will equalise the taxation of the two portions of the kingdom. In the above survey, the valuation is guided by the amount of every kind of produce in ordinary years, and under an ordinary system of cultivation. The average heaven the produced continuary system of cultivation. The average heaven the produced continuary system of cultivation. The average to 1820 for the produced colder con markets, &c. The expenses are deducted from the gross re acc. The expenses are deducted from the gross receipts, and calculated according to the system of farming. To allow for casualties, from 1-9th to 1-7th part is deducted from the pett proceeds for corn, 1-7th for flax, chesnuts,

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and olives, 1-18th for hay, 1-18th for wood. Churches, fortresses, and open spaces are free; but of all other buildings, the value is ascertained as nearly as possible, for the purpose of taxation. Machinery is free; not so mills or water power. All buildings are assumed to be in an average state, and a reduction of from 90 to 40 per cent. is made for keeping them in repair.

The poll-tax is levied in places not subject to the tax on consumption. All individuals (except paupers), from the ages of 14 to 60, are liable; and it amounts to 3 lire 68 centesimi for every inhab., without reference to his circumstances. In addition to this tax levied for the state, a sum not exceeding 3 lire may be imposed for the enigencies of the commune. The poll-tax, therefore, may reach, but can never exceed, the sum of 6 lire 68 cent. The injustice done to the humbler part of the pop., by imposing the same amount of poll-tax on is lire 68 cent. The injustice done to the humbler part of the pop., by imposing the same amount of poll-tax on them as on the higher classes, is in part compensated by the frequent practice of raising extraordinary impositions on the latter, in the slape of sugmentations to the landtax, and by the control of the communal property heing almost entirely in the hands of the small proprietors. The collection of the taxes is farmed out on leases of three years; and the same person may be collector of several communes, or of several entire districts. The farmer of the taxes has power to proceed against defaulters, and in extreme cases to sell the land for arrears; but such proceedings are seldom or never heard of, and the collection is simple, and attended with very little expense.

farmer of the taxes has power. It is a power in the faulters, and in extreme cases to sell the land for arrears; but such proceedings are seldom or never heard of, and the collection is simple, and attended with very little expense.

The cestode, or taxes on consumption, which exist in walled towns differ in amount in different places. They do not every where comprise the same articles, but somerally include wine, spirita, flour, bread, catile, flash, oil, butter, choose, hay, straw, wood, coals, and a few other articles. The mill-tax is levied at the mills, the others mostly at the town gates. At Milan, wine and vinegar are charged I lire is cent, the cwt., wheaten flour and bread about 14 lire, hay and oass 86 cent., choses 3 lire 30 cent., coals and sawed wood 57 cent., bircks and tiles 29 cent. per 100, oxen 7 lire 47 cent., pign 3 lire 45 cent. each, &c. The taxes at Venice (which see) are higher. Taxes on trades have generally been abolished; in Milan, however, bakers and butchers are subject to an impost. Certain tradesmen in open towns are subject to taxes, which like others, are farmed out to the best bidder, who usually compounds with the parties for a stipulated sum. The income and expenditure of the different cities of Lombardy amount annually to from \$6,000,000 to 66,000,000 lire.

The import duties are heavy on most articles. Cotton, woollen, pewter, and tin manufactures, fine polished hardware, porcelain, and books allowed by the censor-ship, are admitted on payment of an extaince and expenditure of the different cities of Lombardy amount annually to from \$6,000,000 to 64,000,000 lire.

The import duties are heavy on most articles. Cotton, woollen, pewter, and tin manufactures, fine polished hardware, porcelain, and books allowed by the censor-ship, are admitted on payment of an extangence of an increase of duties than of increased production and consumption. The total public revenue of Lombardy amounts to upwards of \$60,000,000 lire a year. The public debt has been renousherably reduced; and the ecclesiastical members, nobles sitting in right of birth or property, nor deputies of close corporations; but with all this, the most effectual precautions are taken to hinder those assemblies having any popular bias. The members are appointed through the medium of a double, or rather a triple, stage of election. The two great classes of Contadini, the proprietors of land; and Cittadini, the inhab, of towns, are the primary electors, the suffrage depending of towns, are the primary electors, the suffrage depending on the payment of a certain amount of taxe. These primary electors return from their general body a council of election, the members of which must possess a higher property qualification than is requisite for the primary electors. The council of election elect from the members of its own body a certain number of candidates, and from these candidates the crown selects those who are to act as members of the provincial assembly; and, as if all

this were not enough to stifle any thing like popular feeling, it reserves to itself, whenever it thinks fit, power to cancel all the proceedings, and to order a new selection! And even when elected, this assembly has no legislative powers; the will of the emperor being law. This is carried into effect by the viceroy, who is at present an Austrian archduke; and under whom there is a governor in each prov., assisted by a government council appointed in Vienna. Each deleg, has a delegate, or political superintendent, and a separate financial officer; each district a chancellor; and each commane a podesté. In the chief town of each deleg, is a court of primary jurisdiction; in Milan and Venice are courts of appeal and of commerce; and a high court of revision sits in Verona. Trial by jury, and vies soce pleadings and examinations, are unknown. And if we add to this, that a jealous censorship is established over the press, and that only certain foreign journals or books can be imported, we shall have a pretty good idea of the spirit of the government. Two foreign regiments are maintained for the police service, one in either government. Eight regiments of the line in the Austrian army are levied in these prova, but there is no militia. All males, whether noble or otherwise, are registered for military service at the age of it, unless exempted from physical or other causes. From those thus registered the number required are taken by ballot; but are allowed to serve by approved substitutes, for whom, however, it is often necessary to pay large sums. The period of service is eight years, after which the soldler is entirely free. Whatever, therefore, may be said by such filmsy eulogists as Von Raumer, the government of Austria in Italy is undoubtedly a cold, repulsive, and jealous despotism. But it is not oppressive; and military pressure, it is more leainent than that of the French; and all that may tend to the advancement of the peuple, is sedulously promoted.

and military pressure, it is more lemient than that of the French; and all that may tend to the advancement of agriculture and commerce, and the material comforts of the people, is sedulously promoted.

It is, also, true that large sums are expended by the government in keeping up the roads and other public works, and in public education. A larger proportion of the pop. is educated in the Lombardo-Venetian kingdom than in any other prov. of the Austrian empire, except the Tyrol and Bohemia. By a law of 1832, every commune is obliged to maintain a primary school, either wholly or in part; and, in 1837, only 66 communes were without schools exclusively their own: 46 gymnasiums, 18 ecclesiastical seminaries, and 12 lyesums, exist in the heif towns, and there are 2 universities, those of Pavia and Padua, the former ranking as the first in Italy. But notwithstanding all this apparatus, a really good education is unknown in Lombardy; and that which exists is better fitted to enslave and debase than to expand the mind. It is wholly under the direction of the clergy; and no school can be opened, or book used in a school, or other seminary, without the express sanction of the government. Bren the Conversations Lexicos has incurred the displessure of this paternal government.

History.—The greater part of this portion of litaly, after he fall of the Western Empire, was successively possessed by the Heruli, Ostrogotha, Greeks, and Lombards: latt ched till 888. From that period, except the territory

the latter held it from 568 till 774, when Charlemagne annexed it to the empire of the Franks, to which it remained att ched till 898. From that period, except the territory of the Venetians, it generally belonged to the German emperors, till the establishment of the republic of Milan, in 1190. This republic was erected into a duchy in 1395, and, in 1535, came into the possession of the emperor Charles V. After the war of the Spanish succession, the duchies of Milan and Mantua were assigned to Austria, to which they have since belonged, with the exception of the short time they formed a part of the Cisalpine republic and French empire. Venice and its territory, which had existed as an aristocratic republic from the 7th century to 1797, was confirmed to Austria by the treaty of Vienna, in 1815. (Bourring's Reports on the Lomb.-Ven. States; Ven Raumer's Italy, 1. 124—203.; Châteauvieux, Italy and its Agriculture, Rigby's Transl. p. 14—26, 374—286, &c.).

T.T.H.A.C.A., one of the Ionian Islands, and celebrated in antiquity as the kingdom of Ulysses (scopulus Ithecae, Laftrits regno, Virg., En. ili. 375.), 7 m. S. Santa Maura, 3 m. E. Cephalonis, and 17 m. W. the coast of Acarnanis; Point Marmaca, at its N. end, being in lat. 38° 30° N., and long, 30° 38° E. Length 14 m., breadth 4 m., area 44 sq. m. Pop., in 1836, 9,644. It presents from the ses the appearance of a barren, rugged rock, deeply indented on its E. side by a gulph, at the bottom of which is Vathy, the port and cap, of the island, accurately described in the Odyssey:—

"A specious port appears,
Sacred to Phorey's power, whose name it bears;
Two craspy rocks, projecting to the main,
The roating winds (empestuous rape restrain);
Within, the waves in softer mustrum; glide,
And ships secure without their hawsers risks."—Pors.

About a third part of the surface is capable of cultivation, the greater part of which is laid out in vineyards. The chief products are wine (esteemed in Greace as extremely delicious), olive oil, currants; barley, and a small quantity of wheat; but the industry of the islanders is greatly impeded by the taxes levied on their exports by the lonian government. After all, it appears probable that ithaca has little to interest, beyond the associations connected with its ancient history. Many of the places mentioned by Homer can be traced, with great appearance of probability. The port Phorcys is clearly identical with Molo, and the inner harbour of Vathy seems to correspond with the sackage Piléges Paises under Mount Neison. In the 8. part of the island, at ne great distance from the shore, is a spring, rising at the foot of a rock still called Korata, and supposed to be the Archtus of Homer. (See Odgr., a. 602, Some runs of Archtus of Homer. (See Odgr., a. 602, Some runs of Archtus of Homer. (See Odgr., a. 602, Some runs of Corpoun wills, the residence of Ulyass, Gremains of the city of Itiaca, the residence of Ulyass, Gremains of the city of Itiaca, the residence of Ulyass, Conductal, i. 66.; Pris. Reports, &c. 1914 (1914). (J. Oddredl.), 1. 66.; Pris. Reports, &c. 1914 (1914). (J. Oddredl.), 1. 66.; Pris. Reports, &c. 1914 (1914). (J. Oddredl.), 1. 67.; Pris. Reports, &c. 1914 (1914). (J. Oddredl.), 1. 67.; Pris. Reports, &c. 1914 (1914). (J. Oddredl.), 1. 67.; Pris. Reports, &c. 1914 (1914). (J. Oddredl.), 1. 67.; Pris. Reports, &c. 1914 (1914). (J. Oddredl.), 1. 67.; Pris. Reports, &c. 1914 (1914). (J. Oddredl.), 1. 67.; Pris. Reports, &c. 1914 (1914). (J. Oddredl.), 1. 67.; Pris. Reports, &c. 1914 (1914). (J. Oddredl.), 1. 67.; Pris. Reports, &c. 1914 (1914). (J. Oddredl.), 1. 67.; Pris. Reports, &c. 1914 (1914). (J. Oddredl.), 1. 67.; Pris. Reports, &c. 1914 (1914). (J. Oddredl.), 1. 67.; Pris. Reports, &c. 1914 (1914). (J. Oddredl.), 1. 67.; Pris. Reports, &c. 1914 (1914). (J. Oddredl.), 1. 67.; Pris. Repo

poverty, owing to the indolence of the inhab., and their slovenly mode of tilliage. The Ivisans are of middle size, shrunk and sallow; they speak a language similar to that spoken in Catalonia and Valencia, being a corrupt dialect of the ancient Romannee, once the common language of all S. Europe.

The cap. Ivisa (which has a poop of 5,720 persons) is fortified, and has a good harbour. It is the residence of the governor, and a bishop's see. The chief buildings are a cathedral, 6 churches, 2 convents, 2 hospitals, and a public school.

public school

are a cathedral, 6 churches, 2 convents, 2 hospitals, and a public school.

Ivisa, the largest of two islands, called by Straho Priysase, or the pine-bearing islands, was early occupied by Phonicians and Carthaginians, whence it has been called Ebonse Pheraises by Silius Italicus (Pses., lib. iii. 1. 362.). It was taken from them by Q. Metelius, and remained subject to the Romans, and their successors the Vandals, till the conquest of Spain by the Moors in the 8th century. The Spaniards took the island in 1294, and attached it to the kingd. of Arragon, since which it has esually followed the fortunes of the larger islands, Majorca and Minorca. In 1706, during the war of the succession, it submitted to Sir John Leake with a British squadron, and was ceded to England, together with Minorca, at the peace of Utrecht. They continued in the possession of the British till the peace of 1814, when they were restored to Spain. (Milsson, Dict. Giog.)

IVREA (an Eporedia), a town of N. Italy, dom. of Sardinia, div. Turin, cap. prov. of same name, on the Doire, 30 m. N.N.B. Turin. Pop. in 1838, inc. com., 8.475. It is an ill-built town, defended by old fortifications, a citadel, and a small fortress upon an adjacent hill; and has an ancient cathedral, supposed to occupy

hill; and has an ancient cathedral, supposed to occupy the site of a temple of Apollo, five other parish churches, several convents, an hospital, a seminary, and a large prison. Here are manufactures of silk fabrics and of orprison. Here are manufactures of silk fabrics and of organsined silk, and some recently established cotton-works; gansined silk, and some recently established cotton-works; with markets for cheese, cattle, and other Alpine produce; and for the iron obtained near Cogne, and other places in its ricinity. Eporedia is reported to have been colonised by the Romans in the time of Marius. It would appear from Tactius (Hist., i. 70.) to have been a municipium as well as a colony. Strabo says that 26,000 Salassi, made prisoners by Terentius Varro, were sold here as slaves by public auction. Ivrea has been repeatedly taken by the French, and under the French empire was the cap. of the dep. Dodre. (Dict. Géog.; Cramer's Italy, &c.)

JACCA, a town of Spain, prov. Aragon, cap. of a partide of its own name, 56 m. N. by R. Saragossa, and 82 m. N.N.W. Huesca; lat. 42° 30° N., long. 0° 24′ W. Pop., according to Mifano, 3.012. It stands at the foot of one of the highest ridges of the Pyrenees, only 21 m. from the French frontier, in a wide and fertile valley, enclosed by the rivers Aragon and Gallego: it is surrounded by a strong wall, and entered by 7 gates. The chief public buildings are a cathedral church, castle, military hospital, and 5 convents. The inhabs. are chiefy employed in agriculture and woollen weaving; but the difficulty of access to other places confines their industry to the supply of the town and immediate neighbourhood. The crops raised in the district comprise wheat, barley, pulse, &c., and fruits are abundant; but the severity of the climate during winter prevents it from producing many of the fruits of 8. Europe.

Jacca was a place of some consideration in the time of the Romans, and was the cap. of the regio Jaccatasia. It was taken by M.P. Cato, amon 195 A. C., and was made a station for the troops during the war with Spain.

It was taken by M.P. Cato, some 195 A. C., and was made a station for the troops during the war with Spain. (Mikisso.)

JAEN, a prov. and kingdom of Spain, in Andalusia, between ist. 270 30' and 380' 40' N., and long. 29 50' and 49' 20' W. Its shape is that of an irregular four-sided figure; and it is bounded N. by the Sierra Morena and La Mancha, W. by Cordova, S. by Granada, and E. by Murcia. Greatest length, 85 m.; greatest breadth, 78 m.; area, 4,30 sq. m. Pop., 277,000. This province, situated in the upper part of the valley of the Guadalquivir, is encircled by lofty mountains, which make access difficult, and give to its borders a rude and mountainous character. The surface is chiefly an alternation of hills and valleys, formed by the Guadalimar, Herrumbiar, and other affluents of the Guadalquivir. The climate, though damp in some parts, is, on the whole, healthy and favourable to vegetati. n. The soil on the hills, consisting of derivius from the primitive and transition rocks of the sierras Morena and Granada, is sandy and barren; but the valleys are extremely rich, and with moderate attention to tillage, might be made highly productive. Agriculture, however, is in the most degraded state; only a very small portion of the soil is tilled, and the produce is insufficient for the consumption of the prov. Olives, wine, and other fruits of good quality, gall-nuts, wood, kermes, and shumac are abun-

dant, and honey and silk are produced in small quantities. Cattle and horses, however, are pastured on a large scale, and a breed of the latter, peculiar to the neighbourhood of Ubeda, ranks as nearly equal to the Arabian. The mineral wealth of the province, which was celebrated even under the Romans, consists chiefly of Iron, lead, and copper, with smaller quantities of silver; but lead and iron are the only ores now wrought. Veins of marble and jasper occur here as frequently as in Granada, but are not quarried, from want of spirit in the inhab. Manufacturing industry is quite insignificant: silk and woollen shrics are made in some of the towns; but the chief branch of employment is in pottery, and particularly in making alcarresses, a species of porous earthen isrs, much used in Andalusia for keeping liquors cool in warm weather. (Boxles; Mikhao; Dict. Gox.)

Jam, a city of Spain, cap. of prov. and partido same name, and a bishop's see, on the Jaen, an alluent of the Guadajquivir, 37 m. N. Granada, and 129 m. E.N.E. Madrid. Pop., according to Mifano, 18,700. It is situated on the outskirts of the great Sierra de Susana, and is so surrounded by mountains, crossed by extremely had roads, that few travellers have visited it. A recently made road, however, joining the high road between Cordova and Madrid, and passing through Baylen and the Puerto de Pefiacerrados of the Sierra Morena, has made it more easy of access. The city, above which towers a Moorish castle commanding a fine view of the whole country, has extremely narrow streets, a cathedral is of Corinthian architecture, 300 ft. long by 190 ft. in breadth, and built in a very pure style: the pavement is laid in chequered alabs of black and white marble, and the high altar is enriched with fine specimens of jasper and marbles: it also has some good pictures and sculptures. The city, which was celebrated, under the Moors, for its manufactures, still contains numerous fabrics, of its king of Cartille. It was the those of the structure, and uscessfully withst

theatre of war Juring the final struggles between the Moors and Spaniards in the 18th century, since which time it has never recovered its former consequence.

JAFFA, or YAFFA (an. Joppa), a town and port of Turkey in Asia, on the coast of Syria, pach. Damascus, aandjiak Gaza, 32 m. N. W. Jerusalem, and 60 m. S. S. W. Acre; lat. 320 3 25 "N. long, 340 46 10" B. Pop., according to Robinson, about 4,000 one fourth of whom are Christians. It is fortified, and stands on a tongue of land projecting into the Mediterranean, and rising from the abore in the form of an amphitheatre, at the top of which is a ruined castle. The port, defended by two batterles, is merely a long basin, enclosed by a ledge of rocks, extending from the S. side northward, directly in front of the town; but it is so choked up with sand as to be unapproachable by all except small coasting craft. The houses are chiefly of stone, and the streets are uneven, narrow, badly paved, and dirty: the principal public buildings, are 3 mosques, 1 R. Catholic and 2 Greek churches, with 3 convents, and a good bassar. The quarantine house, recently founded, is clean and well regulated: separate divisions, with a chapel attached to each, being allotted to the pilgrims of the several nations, chiefly Greek, who land here on their way to Jerusalem. A military establishment is kept up, comprising (according to Dr. Bowring) 1 reg, of infantry, with 4 battalions of 800 men, and 3 cavalry regs., each having 700 men. A considerable traffic has recently been created by the disturbances in Syria for the supply of the Pacha's troops; but usually the town is dull, and little frequented by strangers, except at pilgrim time, when the pop. is often nearly doubled. Cotton is raised to some extent within the district; and in the neighbourhood are beautiful gardens of orange and lemon trees, tall waving pypresses, coral, and fragrant mimosas, intersected with often nearly doubled. Cotton is raised to some extent within the district; and in the neighbourhood are beautiful gardens of orange and lemon trees, tall waving cypresses, coral, and fragrant mimosas, intersected with enormous prickly pears. The fruit bears a high character, and forms a considerable article of export. Tradition assigns to Joppa an exceedingly ancient date. Joshua defined the possessions of the tribe of Dan as including "the border before Joppa." (Josh. xix. 46.) In the time of Solomon it was, no doubt, a port of some consequence; for Hiram, king of Tyre, sent a letter to the former monarch, then engaged in building the temple at Jerusalem, saying." We will cut wood out of Lebanon as much as thou shalt need; and we will bring it thee in floats by sea to Joppa, and thou shalt carry it up to Jerusalem: and from this place Jonah took his passage in a ship going to Tarshish, when "he fied from the presence of the Lord." In the New Testament it is mentioned as the place where Peter had the vision which revealed to him the duty of preaching Christianity to the Gentiles as well as the Jews; and where he raised to life Dorcas, a faithful disciple, "full of good works and almsdeeds." Among the Greeks and Rumans, also, Joppa had the reputation of being very ancient. It is stated by Pilny (Hist. Nat., lib. 1x. § 5.) to be the place where Andromeda was exposed to the sea monster, from which she was rescued by Perseus. Reland suspects that this fable may have its origin in, or be connected with, the history of Jonah. (Relandi Palestina, p. 864.) In a.b. 66, during the Jewish wars, it was repeatedly taken, and finally all but destroyed; and during the crusades it was so entirely ruined by Saladin, that it had scarcely any buildings left except its two casties. It was soon afterwards repaired by Louis IX. of France. The subsequent history of the place, till the close of the last century, is little known. In 1799 it was taken by Napoleon, after an obstinate and murderous siege. On this occasion Napoleon put to the sword about 1,200 Turks that had formed part of the garrison of El Arisch, which, having previously capitulated, had been discharged, on their engaging not to serve against the French. But though their execution was, no doubt, justifiable, according to the laws of war, still it seems to have been an act of extreme and useless cruelty, and wholly at variance with the general conduct of Napoleon. (For further particulars, see Bouring's Report on Syria; Wild's Narrathee, vol. il. p. 168—172.; Robinson's Palestine and Syria, vol. i. p. 6.—9.)

JAFFNA, a sea-port town of Ceylon, near the N. extremity of the isl., cap. of the distr. Jaffnapatam, 190 m. N. Columbo; lat. 99 30 N., long. 799 50 E. Pop. 8,000 chiefly Mohammedan. The town stands on an inlet, navigable for boats, which communicates with the Gulph of Mannaer. It has near it a pentagonal fortress of some strength, which forms the head quarters of one of the principal garrisons in the island. As a commercial port, Jaffna is the third in Ceylon, ranking after Colombo and Foint de Galle. Provisions are cheep; and from its salubrity theseown is a favourite resort of the Dutch residents in Ceylon, who have named several small and verdant islands in the opposite roadstead after the principa

verdant islands in the opposite roadstead after the principal cities of Holland.

JAGO (ST.), or SANTIAGO DE CUBA, a city of Cuba, cap. of its E. division, the second in pop. and magnitude, and the third in mercantile importance in the island, about 6 m. from the S. coast, on the river Santiago, the mouth of which forms its port, about 470 m. E.S.E. Havannah; lat. 19° 37° 29" N., long. 76° 3" W. Pop. (1827) 36,738, of whom 9.302 were whites, 10,032 free coloured, and 7,404 slaves. Santiago is well built, having wide streets and stone houses. It has a cathedral, several other churches, a college, hospital, and numerous convents and schools. The port is from N. to S. about 4 m. long, with an irregular breadth, and in some places rather narrow; but it has water has a cathedral, several other churches, a college, hospital, and numerous convents and schools. The port is from N. to S. about 4 m. long, with an irregular breadth, and in some places rather narrow; but it has water sufficient for ships of the line, and is sheltered from winds on every side. Its entrance is narrow, and defended on the windward side by the Morro and Estrella castles. The city is very unhealthy: being hemmed in by mountains on three sides, the free circulation of air is greatly impeded, and the yellow fever commits great ravages in the rainy season. Santiago is the see of an archbishop, and the residence of a governor, who, in respect of civil and political affairs, is independent of the captain-general. It was the cap. of Cuba till the beginning of the 18th century, when the Havainah was raised to that dignity; since which the importance of Santiago has diminiabed. Its trade has, however, of late years increased considerably. In 1827, the imports amounted in value to 1,441,048 doll., and the exports to 1,270,586 doll.; ten years afterwards, in 1837, the imports were 2,399,399 doll., and the exports 2,182,01 doll. The gross customs revenue of the port amounted. In 1837, to 470,365 doll., and in 1837, to 604,329 doll. Santiago is the port where the copper ore of the Sierra de Cobre is shipped. It was founded by Diego Velasquest In 1814. (Hamsbodtt; Turnbuft's Cubes, p. 225, 224.).

JAGO (ST.), or SAN TIAGO, a city of Chili, of which it is the cap, and seat of government, in the prov. of the same name, on the Maypocho, at an elevation of 3,800 ft. above the sea, 64 m. R.S.E. Valparaiso, and 270 m. N.N.E. Coucepcion; lat. 323 16 S., long, 69 48 W. Pop., in 1849, estimated at 65,000. It is situated on the verge of the extensive and fertile plain of the Maypocho, and at a distance has a very imposing appearance, its domes and steeples rising among groves, vineyards, gardens, and maize fields. It is inferior to Lima and Buemos Ayres in its public buildings, but greatly surpasses them in leanness and

JAGO (ST.).

the same number. It is built upon ground sloping gently towards the W., of which circumstance advantage has been taken in supplying water for its consumption and under drainage, which latter is more perfect than in any other S. American city. The waters of the Maypocho are also frequently employed for the ornament as well as use of the city, there being numerous public fountains, reservoirs, &c. A solid brick rampart, 6 ft. in breadth, and raised 10 ft. above the ground, extends along the S. bank of the river, and protects the city against inundation from the river during the rains. Between it and the town is the Alameda, the favourite promenade of the inhabplanted with willows, and furnished with seats, reservoirs, &c. At the N.E. extremity of the city-proper is the hill of Santa Lucia, the site of the fortress of the same name built to command the town. Santiago has no other defence, and this fortress could be easily silenced by artillery placed on the contiguous hills.

The houses of the city occupy a good deal of ground:

the hill of Santa Lucia, the site of the fortrees of the same name built to command the town. Santiago has no other defence, and this fortrees could be easily silenced by artillery piaced on the contiguous hills.

The houses of the city occupy a good deal of ground: most of them take up i -da part of a greadra. The rooms are ranged round three quadrangies or patice, the first being an outer paved court-yard, the second generally laid out as a partere, and the third used for domestic purposes. The wide archway opening into the front patio is closed at night by a pair of large folding gates, but is always open during the day. The windows, looking into the two outer court-yards, are protected by iron gratings; but in Miera's time, 15 years ago, there were generally no windows in any of the other rooms, the door alone admitting light through a small grating. The front and sides of the houses facing the streets, where not blank walls, are divided into small rooms, and let out as shops. In the centre of the city is the Passa, or great square, occupying an entire quadra. On its N.W. side are the directorial mansion, the palace of government, the prison, and the chamber of justice; on the S.W. side stand the cathedral, and the old palace of the bishop, now occupied by the existed swayor; on the S.E. is a range of shops, &c., with an arcade in front; and the N.E. side is composed of private residences. All these buildings, except the cathedral, are of brick, plastered and whitewashed. The palace is by far the best edifice as to its architecture: it consists of two stories, inclosing a large open quadrangie; the lower story comprises the armoury and treasury, and the upper story the great hall of audience and the ministers' offices. The cathedral is the only stone edifice in Santiago; it is constructed of limestone quarried in the Chimba suburb: its design is of the better order of Moorish architecture; but when seen by Miers, its front was only half finished. The bishop's palace is a heavy decayed building, and the arch

and some curious MSN. relative to the indian tribes.

Santiago has 3 markets: the principal is holden in the
Bassoral, a large open space at the foot of the bridge,
and is tolerably well supplied with meat and vegetables. The other markets consist of mere moveable
stands at either end of the Canada; but meat, kitchen
contable buttle and other resulting are continuities. stands at either end of the Canada; but meat, kitchen vegetables, fruits, and other requisites, are continually hawked about the streets on horses or mules, which precludes the necessity of sending to the markets. Fodder for horses is hawked about in a similar manner; and large quantities of lucerne, &c. are daily brought into the town, horses being kept by nearly every family. The horses of Santiago are generally well broken, and are more docile than those of Buenos Ayres. Most part of the adjacent country is devoted to the rearing of live stock; but, when cultivated, it produces good crops of wheat, the soil being excellent, and irrigated by many aubterranean springs. The climate, were it not for the dreadful visitation of earthquakes, would be delightful; and, from its comparative coolness, European vegetables

Engraved by S.Hall, Bury Str. Bloomsby

may be raised in great perfection. The vine is grown, and wine of good quality might be made if its manufacture were properly understood. In the outskirts of Santiago are numerous handsome guissias or villas, and the approaches to the city are mostly through lanes bounded by walls inclosing extensive vineyards and orchards, which yield a large revenue to their proprietors.

Santiago occupies the site of a previous Indian settlement: it was founded by Pedro de Valdivia in 1541. It has frequently suffered from earthquakes; but, with other towns of the interior of Chill, it escaped the catastrophe which destroyed Valparaiso and Concepcion in 1835. (Micr's Trae. in Chili, 1426—138; Scarket's S. Amer., &c.)

JAMAICA (Nat. Xaymaca), one of the Greater Antilles, and the largest and most valu-

Greater Antilles, and the largest and most valuoreater frittines, and the largest and most valuable of the West Indian islands, belonging to Great Britain. It lies in the Caribbean Sea, between lat. 17° 44' and 18° 90' N., and long, 70° 12' and 78° 25' W., about 100 m. S. Cuba, and 120 m. W. Hayti, from which it is separated by the Windward Channel. Shape nearly oval; greatest length, E. to W, 150 m.; average breadth, about 41 m. Area estimated at 6,200 sq m. According to a census taken in 1844, the pop. is said to have amounted to 377,432, the blacks being 293,128, the mixed or coloured class 68,529, and the pure whites only 15,776. But Sir Charles Grey, the governor, thinks that the numbers given in this census were underrated; and as the negro and mixed races are retrainly increasing, and considerable numbers of Indian and African emigrants have been added to the pop, there can be I ttle doubt that at present (1850) it exceeds 400,000.

The Blue Mountains, a lofty range, run

through the island, in its whole length, rising in some places to upwards of 7,200 ft. in height. On the N. and S. sides of this range, the aspect On the of the country is extremely different. former the surface rises gradually from the shore hy undulating hills, separated by spacious vaileys, watered by numerous rivulets, and clothed with pimento groves. The scenery on the S. side is much bolder. The shore is skirted by abrupt precipices and inaccessible cliffs; and the hill ranges towards the interior are more abrupt and less fertile. Between these ranges, and the foot of the central chain, are extensive savann the, and wide plains cultivated with sugar-cane, &c., the luxuriant beauty and verdure of which is set off by a boundless amphitheatre of forest-

44 Insuperable height of loftiest shade, Cedar; and branching palm."

The outline of the forest melts into the distant blue hills, and these again are lost in the clouds. The island is well watered. There are about 100 streams dignified with the name of rivers; but none of them are navigable except for boats. Black River, which debouches on the S. W. coast, the largest, is only available for flat-bottomed boats and canoes for about 90 m. Like all the

other streams, its current is very rapid. From the geographical position of the island, so near the equator, the climate in the low grounds is necessarily very hot, with little varistion throughout the year; the days and nights are, for the same reason, nearly of equal dura tion, there not being more than two hours difference between the longest day and the shortest. There is very little twilight; and we may add, that when it is noon in London, it is about 7 o'clock in the morning in Jamaica. The medium temperature of the year near Kingston ranges between 70° and 80°; but little differences of elevation have a wonder ul effect over the temperature and the salubrity of the coimate. "At about 4,200 ft. above the level of the sea, the temperature usually ranges between 55° and 65°; in the winter it falls even as low as 44°. There the veretation of the tropics disappears, and

is supplanted by that of temperate regions. Showers are common in the interior almost throughout the whole year, but they do not fall with the same violence as in the plains, and the quantity of rain appears to be less. The air is exceedingly humid, subject to dense fogs, and those rapid alternations of temperature peculiar to all mountain regions. While the pestilence of yellow fever rages in the low grounds, and along the coast of this island, cutting off its thousands annually, these elevated regions enjoy a complete immunity from its effects; for that bane of European life has never been known, in any climate, to extend beyond the height of 2,500 ft. The inhabitants are said to enjoy a degree of longerity rarely attained in other countries, and to exhibit that ruddy glow of health which marks the contrast to the pallid, sickly residents of the less cleared districts." (Tulicoh's Report on the Health of the Troops to the W. Indies, p. 13.) The N. side of the island is said to be more healthy than the S.; but all insalubrity is supposed to cease at an elevation of 1400 ft. The mid-de heast is during most near of the start of the start of the less elevation of 1400 ft. The mid-de heast is during most near of the start of th with the same violence as in the plains, and the island is said to be more neatiny train the S.; but an insalubrity is supposed to cease at an elevation of 1,400 ft. The mid-day heat is, during most part of the year, greatly modified by an invigorating sea-breeze, called by Europeans the doctor, which sets in from 8 to 10 octock in the morning, increases in force till about 2, and declines with the sun, till, on the approach or evening, it is succeeded by the land wind from the mountains. When these winds become less regular, or altogether fail, as is sometimes the case before the or altogether [all, as is sometimes the case before the rainy season, the atmosphere is exceedingly oppressive. The year is divided into a short wet season, which begins in April or May, and lasts about six weeks; a short dry season, from June to August; a long wet season, comprising Sept., Oct., and Nov.; and a long dry season, which occupies the remaining four months, during which the westher is serene and pleasant, being comparatively cool. The annual fail of rain is nearly 50 in.; the amount has become less in proportion as the forests have been felled. More rain fails on the N. than the S. side of the island, and the average temperature is lower. The principal towns and military stations are on the S. side, and it is estimated that of the European troops employed in Jamaica a 7th part died annually on the 3. suc, and it is estimated that of the chapters troops employed in Jamaica a 7th part died annually during the 20 years previously to 1887. Fevers, dysen-teries, and diseases of the lungs or brain, are the most fatal. Fevers of a remittent character are more prevalent than in any of the other British stations in the W. Indies. Earthquakes are frequent, and sometimes fereadfully violent: in 1692 the town of Port Royal was submerged several fathoms beneath the ocean, by a catastrophe of this kind. Huricanes mostly occur between July and October; and though, perhaps, not so frequent as in the windward islands, they are sometimes most destructive. One of the most appalling of these visitations took place on the 3d of October, 1780. On this occasion the little sea-port town of Savannah.1-Mar, on the S. W. coast of the island, was completely destroyed. During the tremendous conflict of the elements, the sea burst over it with irresistible fury, and in an instant swept into its abysa its inhab. and their bouses, leaving behind no vestige of either! Soveral hurricanes have occurred since, but happily none of them have had such frightful consequences. Jamaica contains no active volcano; but the traces of former volcanic action are sufficiently obvious. Micaceous schist, quartx, and rock spar, are common; but limestone, containing numerous shells, is the most prevalent geological formation. The island contains argentiferous lead, copper, iron, and antimony ores; and the Spanlards are reported to have wrought both copper and silver mines. Mining industry is now, however, quite extinct.

The turf-clash hills on the N. side of the island are chiefly composed of a chalky marl; elsewhere the soil is frequently of a deep chocolate colour, or a warm yellow or hazel. The latter, called the Jamaica brick mould, retains a good deal of moisture, and is among the best adapted for the sugar-cane throughout the W. Indies. But though the soil be in some parts deep and fertile, Jamaica is not generally productive, and requires both skilful labour and manure to make it yield heavy crops. In 1789, only 1,907,909 acres were held under grants from the crown, and of this extent only 1,059,000 acres unproductive; from which circumstance it was hastily inferred by Edwards that "not more than one four walent than in any of the other British stations in the W. Indies. Earthquakes are frequent, and sometimes áreadfully riolent: in 1692 the town of Port Royal was

mostly given way to other articles. Maise, Guinea corn, and rice, are the principal grains cultivated; the latter, however, is not raised in great quantities. Maise yields two, and sometimes three, crops a year, of from 15 to 0 bushels the acre. Calsvances, a species of pea used by the negroes, the kinds of pulse and other garden by the negroes, the kinds of pulse and other garden regetables common in Europe, thrive well in the mountains; and the markets of Spanish-Town and Kingston are abundantly supplied with these, as well as native pot-herbs, &c. of excellent quality. The plantain, banana, yam, cassava, and sweet potato, are indigenous; the first named is the principal support of the blacks. Few countries offer so fine an assortment of tropical fruits. Among these is the bread-fruit tree, from Otahelte, originally introduced by Sir Joseph Banks. The orange, lemon, lime, vine, melon, fig, and pomergranate, are met with, having probably been introduced by the Spaniards; and many other European fruits succeed in the cool mountain region. The sunflower is an article which has recently begun to be cultivated for its oil. Clinnamon has been naturalised in Jamalca; and the forests abound with dye-woods and gualacum, iron-wood, brasilletto, mahogany, green-eart, and other valuable kinds of timber, and woods. cultivated for its oil. Cinnamon has been naturalised in Jamaica; and the forests abound with dye-woods and gualacum, iron-wood, brasilletto, mahogany, greenheart, and other valuable kinds of timber, and woodn it for cabinet work. Various kinds of grasses are cultivated; the principal is Guinea grass, a product of so much importance, and growing so luxuriantly, that the grasing farms are for the most part covered with it. Horned cattle are excellent, and better or cheaper beef is not met with in any part of Europe. Oxen or mules are used for farm labour. Horses, an active and hardy breed, are reared for saddle and harness. Sheep, goats, and hogs are numerous: the latter are of a small breed, but their feash is very good. Poultry, pigeons, &c. are kept in great numbers. The Europeans found many indigenous quadrupeds on the island, but nene worthy of notice now exist, except the agouti, some monkeys, and rais, which last are in such immense numbers, and so destructive of the sugar-canes, that from 8 to 10 per cent. per annum of the sugar crop, while standing, is supposed to be destroyed by them. Great numbers of wild fow are met with; and rice birds, esteemed great delicacles, visit the Island in large flocks in Oct. Alligators inhabit some of the larger rivers, and many varieties of lizards and snakes are found, some of which are used as food by the natives. The mountain crab of Jamaica is highly prized. These singular animals come

are used as food by the natives. The mountain crab of Jamaica is highly prized. These singular animals come down by millions from the mountains to the sea, to deposit their spawn, from Feb. to April, and return to their original habitations by the end of June. Copious accounts respecting them will be found in Dis Terire, Browns, Edwards, \$6.

The European pop. consists of English, Irish, Scotch, French, German, and Portuguese settlers: the coloured races are divided, according to their share of negro blood, into sambos, mulatios, quadroons, and mesticos. A few marcons, the descendants of Spanish slaves, inhabit parts of the interior. They formerly were a great annoyance to the colony, but being, at length, nearly exterminated, those that survived adopted a more peaceable mode of life. The total surface of Jamaica is generally estimated at about 4,000,000 acres; of which, according to a Park. life. The total surface of Jamaica is generally estimated at about 4,000,000 acres; of which, according to a Parl. Report of 1839, 3,403,359 have been granted by the crown, on payment of a quit-rent, fixed by the colonial act, the 8th of Victoria, c. if., at id. per acre. This leaves 596,641 acres unaccounted for, and still vested in the crown. There are no means of ascertaining how much of the land assigned to individuals is actually under culture; but in 1838 only 2,588,056 acres paid quit: rent; leaving 815,003, probably less productive and valuable than the rest, but at any rate liable, if not to be resumed by the crown, to be sequentered by the government for non-payment of probably less productive and valuable than the rest, but at any rate liable, if not to be resumed by the crown, to be sequestered by the government for non-payment of quit-rent. The attempt of Lord Silgo to resume such lands on behalf of the crown involved him in disputes with the House of Assembly, which asserted a right to possess itself of them: and it would appear, in the absence of any express enactment on the subject, that the crown has no right to resume land once granted, except for the purpose of re-granting it to those who may pay up such quit-rents as are in arrear. (See Rep. of the Colom. Land and Emigr. Commissioners in Jamaica, Report, 1840, p. 11.) A large portion of the 596,641 acres unaccounted for is supposed to be held by individuals, owners of contiguous grants, and to be liable to a quit-rent. Nearly all the surface of Jamaica, therefore, appears to be occupied by private parties, and to be albelt to a quit-rent. Nearly all the surface of Jamaica, therefore, appears to be occupied by private parties, and to be discounted for its supposed to the state of the surface of Jamaica, therefore, appears to be occupied by private parties, and to be alcongether under circumstances very different from what it was in Edwards's time, 60 years ago.

Few estates comprise more than 1,200 acres; and the emancipation of the slaves has tended to split the land into more minute divisions. The large estates, especially those on which sugar is grown, have latterly been reduced to great difficulties for want of labourers. On some estates, on which 70 or 80 negro apprentices were formerly employed, not more than 10 or 12 can now be got to work regularly; and on other estates, previously a yought by about 200 hands, the ordinary number is said

to have dwindled down to 20 or 25. The negroes are most anxious to became proprietors of land. If they succeed in this great object of their ambition they dervice the principal share of their attention to the culture of ground, or raise arrowroot, ginger, &c., on speculation; and work on the sugar and other estates only when it suits their inclination or convenience. Thus, in some districts, they will only work the first four days of the week; and at critical periods of the crops it is necessary to offer high bribes to get them to leave their homes our Friday and Saturday. In corroboration of what is now stated, we beg to lay before the reader the following extract from a Report by a Committee of the House of Assembly in 1648:—"That from the now independent condition of the mass of the people, the command of labour has become exceedingly precarious, often not to be had at all when most wanted; that hardly in any case will the people work on estates for more than five days in the week; that in several district they refuse to work more than four days in the week; that is several district they refuse to work more than four days in the week; that the average time of field labour is from five to six hours a day; that the labour given for the wages is not only inadequate in quantity, but generally ill performed; that on the anniversary of freedom, and at Christmas, the entire agricultural population spend from one to two weeks in idleness; that in some districts this is also the case at Easter; that at all these periods, even if the canes are rotting on the ground, and the coffee falling from the trees, no rate of wages will induce the people to work, and that albour continues to become more scarce every year by the people withdrawing from the plantations."

Under such circumstances, coupled with the low price of sugar, the reader will not be surprised to learn that the planters have been involved in the greatest distress. It is stated in the Report now referred to, that since the passing of the Slave Emancipation Ac

to that the man with the largest lamily occame liane to the heaviest rent! In order the better to command the services of the occupiers, the planters refused at first to give them leases, and stipulated that they might be ejected even at a week's notice. But this plan would seem to have defeated its own object; both by making the blacks inattentive to the culture of grounds held on so precarious a tenure, and by making them extremely anxious to acquire the property of a small piece of land. "Labour and rent," to use the words of Sir T. Metcalfe, "are the questions which agitate the island from one end to the other." Of late, however, the plan of fixed rents, unconnected with labour, has been gaining ground; and se. per week may be stated as about the average sum paid by the negro for a house and patch of land. Wages may, at an average, amount to 1s. 8d. a day for field labourers, 2s. 6d. a day for cane cutters, and 2s. 4d. a day for mill-yard people.

It is due to the blacks to state that, since their emancipation, they have conducted themselves with the greatest

It is due to the blacks to state that, since their eman-cipation, they have conducted themselves with the greatest propriety. But those who expected that they would thereby be advanced in the scale of civilisation will, we fear, be disappointed. They are incurably indolent and apathetic; and the probability is, were the whites with-drawn from the island, that they would gradually relapse into their ordering harbarium.

drawn from the island, that they would gradually relapse into their original barbarism.

It has been attempted to obviate the deficiency in the supply of labour, by importing free labourers from India and Africa. But the former have been found to be quite unsuited to the demands of the country; whereas the latter, so long at least as they are unable to find the means of supporting themselves otherwise, make serviceable labourers. The managers of the estates in St. Thomas-in-the-Bast, and other quarters into which the Africans have been introduced, have, for the most part, been able to keep their factories at work on Saturdays, and to get their labour performed with tolerable efficiency.

ency.

But these schemes are all liable to the greatest abuse Dit these schemes are all liable to the greatest abuse. And though it were otherwise, we confess we have little confidence in their affording any real or permanent relief from the difficulties under which the planters are placed. The falling off in the exports since the emancipation of The lating of in the exports since the emancipation of the slaves is not really greater than might have been anticipated. But it is needless to repeat the statements by which we have already endeavoured to show that it is nugatory to expect that free blacks should voluntarily undertake the hard labour they were compelled to un-

taken place.

The products raised for exportation, more especially sugar, have hitherto been the grand objects of the industry of the colonists; and the greatest efforts have heen made, by the introduction of machinery and otherwise, to obviate the drawbacks under which they have heat terry been placed. The estates on the high grounds, called "pens," have been kept almost entirely in pasture, to supply the sugar and coffee estates with horned cattle, horses, and mules. And the inability of the latter to purchase stock, in consequence of the depreciation of their produce, has involved the holders of "pens" in nearly the same distress with themselves. The culture of corn and other grain, with the exception of maize, has inther to been confined within the narrowest limits. Latterly, however, if has been a good deal increased, especially on however, it has been a good deal increased, especially on however, it has been a good used necessary expression to the grounds belonging to the negroes; and the proba-bility is, that it will continue to increase. The culture of the great colonial staples may be, and probably will be, relinquished: but unless the island should be wholly thandoned, that very circumstance will necessarily occa-tion a corresponding extension of the growth of corn and provisions. Irrigation is, perhaps, the greatest im-provement that could be introduced. But, how indispensable soever, it has hitherto made little or no progress There are no manufactures except those of sugar and

Commerce. — The history of the trade of Jamaica is not destitute of interest. For a long time after we obtained possession of the island, in 1655, the chief exports

dergo while in a state of slavery. (See Cuba, Guiana, Guiana, Guiana, Hattish), Hattish, Hatt exported by that island to Europe, gave a corresponding stimulus to its culture in Jamaica and elsewhere. The latter, which, at an average of six years preceding 1799, had produced only 83,00 0 hdds., exported in 1801 and 1802 upwards of 375,000 hdds., exported in 1801 and 1805 the exports from Jamaica rose to 180,825 hdds., their maximum limit, and considerably more than three times what they now amount to. The same cause gave a similar stimulus to the growth of coffee, which has been increased by the increasing demand for the article in Europe. In 1752 the export of coffee from Jamaica amounted to only 60,000 lbs.; in 1775 it amounted to 440,000 lbs.; in 1779 it had increased to 7,531,621 lbs.; and in 1814 it rose to 34,045,863 lbs.! But the rise of prices, which so rapidly increased production in Jamaica, occasioned a similar though less extensive increase in Cuba, Porto Rico, &c.; and more recently in Brasil, Java, Loutisians, Guians, the Mauritius, and other colonies. In consequence, prices sustained a very heavy fall; and the keen competition to which they were exposed subjected the Jamaica planters to the most serious difficulties. These, however, might have been overcome had they not been immeasurably increased by our legislation in regard to the blacks, and latted when the secret to find the se however, might have been overcome had they not been immeasurably increased by our legislation in regard to the blacks; and, latterly, also in regard to foreign sugar. Some of the effects of these measures are exhibited in the following table:

Account of the Quantities of the principal Articles, the produce of Jamaica, imported into the U. Kingdom in the undermentioned Years.

1	1831.	1835.	1840.	1845.	1847.	1848.	1849.
Sugar cwts. Molasses	1,429,093	1,148,760	517,217	742,853	751,408	627,008	633,478
	47	983	119	88	247	5	102
	3,522,463	2,450,272	1,290,806	1,745 679	2,140,519	2,250,2	1,778,661
	15,644,072	11,154,307	8,607,937	6,090,133	6,570,368	4,915,702	3,399,193

Among the articles shipped from the colony are pimento, the exports of which, in 1835, exceeded 2,800,000 lbs., but have since been greatly reduced; with arrow-root, ginger, succades, mahogany, indigo, and sometimes small quantities of cotton. The latter was, at one time, rather extensively grown; and among the projects for the revival of industry with which it is customary to amuse the planters, the renewal and extension of the culture of cotton have not been forgotten.

The imports comprise flour, bread, rice, and meal, with beef, pork, fish, and other articles of provision; cotton and linen manufactures; staves and lumber; slops and haberdashery; iron and steel, soap and candles, machinery, and a great variety of other articles.

We regret there are no accounts on which any reliance can be safely placed, of the value of the trade of the island. The estimated value of the imports during the year ended the 10th of October, 1847, amounted to 1,271,8634, and that of the exports of insular produce to 1,004,8621. The entire value of the exports from the U. Kingdom to the W. Indian colonies, including Demerae and Berbice, in

entire value of the exports from the U. Kingdom to the W. Indian colonies, including Demerar and Berbice, in 1849, amounted to 2,025,0194., of which those to Jamalca made 624,5624. A large proportion of the trade of the island is carried on with the U. States, the British N. American colonies, and the ports on the Spanish Main. The principal ports (all of which are free) are Kingston, Ports Royal, and Morant, Black River, and Savanna-la-Mar on the 8. coast; and Lucea and Montego Bay, Falmouth, St. Ann, Ports Maria and Antonio, and Annotto Bay, on the north.

Jamaica is divided into three counties; Middlesx in the centre. Surrey in the E. and Cornwall in the W.

Jamaica is unred into the E., and Cornwall in the W.
These are subdivided into 22 parishes, 10 of which are comprised in the first, 7 in the second, and 8 in the third named co. St. Jago de la Vega, or Spanish Town, is the seat of government; but Kingston is the largest town, and the real cap. of the island. The executive power is received in a governor, amounted by the crown saided and the real cap. of the island. The executive power is vested in a governor, appointed by the crown, aided by a council of 12 members, appointed in like manner, of which the licut.-gov., chief justice, attorney-general, and the bishop, are members. The legislative power is vested in a H. of Assembly, of 47 mems., 3 being elected by each of the parishes containing the towns of Kingston, Spanish Town, and Port Royal, and 2 by each of the other 19 parishes. All male inhabitants, of full age, and possessed of a freehold of 64. per snn. or a rent-charge or leasehold of 304. per do. or who pay 34. a year of taxes, may vote for representatives. The latter ought to possess an estate, over and above all incumbrances, of 1804.

a year, or real property worth 1800s, or real and personal do, worth together 3,000s. The Assembly has all the privileges of the British H. of C., and, like it, its utmost duration is 7 years. Since 1728, the Assembly and Council have been the originators of all laws for the government of the island, the power of legislation having seem then confered upon the island, and a permanent revenue of 6,000s. a year guaranteed by it to the crown. The salary of the governor is 6,000s. a year. Justice is administered in a supreme court, composed of the chief justice and 2 pulme judges, which sits 3 times a year at 3 panish Town. Courts of Assise are holden 3 times a year in each county. Inferior courts of common pleas decide in causes to the value of 30s. with costs, and justices of the peace in those not above 40s. The Court of Chancery was formerly held by the governor only but in Lord Metcalf's time, a vice-chancellor was appointed, with a salary of 2,500s. a year, who transacts all the ordinary judicial business of the court. Appeal is made from the Court of Chancery to the Privy Council. There are, also, admirally, and other special courts. Since the emancipation of the slaves, courts of conciliation, similar to those established in Denmark (Vol. L. 1899.) and some other countries, have been instituted in sections. 689.) and some other countries, have been instituted in various parishes: the blacks are frequently members of these tribunals, and are thus accustomed to the disor these tribunals, and are true accustomed to the discharge of some of the most important social duties. Submission to their decisions is, of course, optional; but there, as elsewhere, they are usually acquiesced in. A new police force, of upwards of 400 constables, was established in 1840.

cablished in 1840.

The military force usually amounts to about 2,000 regular troops, exclusive of the insular militia, which is at present (1850) in a very reduced state. The public expenditure on account of the religious establishments, amounts to nearly 32,000% a year; ministers of other denominations besides the Church being salaried by the government. Jamaica is under a bishop with a salary of 4,000% a year, whose see extends over the Bahamas and Honduras. Nearly 15,000% are spent yearly on public instruction and charitable institutions. Education is pretty widely diffused, except in some parts towards the R. end of the island. But there and elsewhere numerous schools and churches have recently been established: E. end of the land. But there and elsewhere numerous schools and churches have recently been established; and it is said that the emancipated blacks have not been slow to avail themselves of the benefits resulting from the institution of savings' banks. The press is free, and several able publications are issued. The public revenue and expenditure amount, at an average, to nearly 290,000.

a year each, exclusive of large assessments for parochial purposes. The compensation money awarded to the proprietors for the liberation of the slaves amounted to 5,161,9271., the average value of a slave from 1832 to 1830 having boen 444. 152. 2d. The ordinary currency of the United Kingdom has been adopted in Jamaica.

Jamaica was discovered by Columbus in 1495, and was settled in 1503. It remained in the possession of Spain till 1655, when it remained in the possession of Spain till 1655, when it was taken by the English, to whom it has since belonged. (*Fart. 2 spers, facilities 1846.** *Latical 1646.** *La

the S. and S.E. Rain is very frequent, falling more or less on two-thirds of all the days in the year, but more especially in June and July, which are the sational, or rainy months: burricanes, also, and storms frequently occur, and are described as being very violent. (Thauberg, vol. iv. 68—90; is debold, vol. 1, p. 325.)

Agriculture: — Tillage is followed in Japan, not merely as a pursuit dictated by private interest, but also in obedience to a general and very peremptory law, which obliges all owners of land, under the penalty of confincation, to keep their property in good productive condition, and therefore able (for this is the secret reason of the regulation) to pay a large land-tax to government or its officers. But, whatever may be the cause, the soil, though not naturally fertile, has been so much improved as to be rendered extremely productive. Few plants, except on the hills, are found in a natural state; and the face of the country, even on the mountain sides (which are formed into terraces, as in some parts of Italy and Persia), is no diligently cultivated, that, as Thunberg observes, "it would be difficult to find in the country a single nook of untilled land, even to the dry summits of the mountains;" and this is confirmed in all material respects by Slebold, one of the latest travellers in Japan. In the S. district rice is raised in very large quantities, as it forms a principal article of food with the inhab; but wheat is little grown and held in light estimation; barley, also buckwheat, a bean called distinction; and another, the sais dotickos (from which the well-known "soy" sauce is made), potatose, melons, pumpkins, and cucumbers, are raised in great abundance; and the fruit trees of S. Europe, the orange, lemon, vine, peach and mulberry (the last of which is carefully reared for silk worms), are both pleatiful and highly productive. Ginger and pepper are the chele'spice plants. Cotton is cultivated in considerable quantities, and tobacco, introduced by the Jesuita, is very generally rais

duced.

Cattle and other Animals.—Pasturage in a country inhabited by a people eating scarcely any animal food except fish, and so well supplied with cotton and silk that they feel no want of wool for the manufacture of clothes, must necessarily be very uninportant. Buffaloes and oxen are not numerous, and are used only for draught labour, and there are but few sheep, the progeny of a breed introduced by the Dutch soon after their settlement in Japan: the horses are of inferior size, and are only used by the notifity. There are neither mules nor breed introduced by the Dutch soon after their settlement in Japan: the horses are of inferior size, and are only used by the nobility; there are neither mules nor asses, and pigs are found only in the neighbourboad of Nangasaki. Dogs are common, and are considered sacred animals, in consequence of the favour which they enjoyed from one of the Mitados or supreme emperors; and cats are even more esteemed, if possible, by the Japanese ladies than by the venerable spinsters of Great Britain. Among the wild animals, may be enumerated bears, wild boars, foxes, wild dogs, deer, monkeys, hares, rats, mice, and two small animals of the weasel kind peculiar to the country, and called the itsus and tins. Birds are numerous and of many varieties: falcons are highly valued, and pelicans, cranes, and herons are considered useful in destroying vermin and insects that are injurious to the interests of agriculture: the pheasants, ducks, and wild geese have splendid plumage; besides which there is a great variety of teal, storks, pigeons, ravens, larks, and other small birds. The common crow, however, and the parrot, have never yet been found in Japan. Among reptiles, snakes are not unfrequent, especially in the N. part of Niphon, and one variety, the Oswabami, is of normous size: tortoises also and lizards are of common occurrence; and the islands, particularly towards the S., abound with noxious insects, scorpions, centipedes, white ants, &c. An apterous phosphoric insect (Lempyris japonica) deserves notice as being similar in its habits to the fire-fly of America, but of an entirely different genus. The seas contain large quantities of flah, affording a main article of food to the inhabitants, and giving employment to "entire villages" of fishermen. The salmon, herring, cuttle-flah (Sepis octopodia), eel, perch (Scisma japonica and Califonysmus japonica), with many others, are caught in great quantities: oysters, also, of a peculiar and delicious kind, are extremely abundant, and are used almost exclusively as food by many of the poor inhabitants about Yedo, where the flaheries lie. Whales and narwhals frequently visit the coast, and are caught by harpooning: the fisch is esten, the whalebone serves various purposes, and ambergis is extracted from the entrails. (Thumberg, vol. iii. 357. ad finem; Siebidi, passim.)

harpooning; the feeh is esten, the whalebone serves various purposes, and ambergris is extracted from the entralls. (Themberg, vol. iii. 367. ad finess; Sichold, passins.) (Themberg, vol. iii. 367. ad finess; Sichold, passins.) (Themberg, vol. iii. 367. ad finess; Sichold, passins.) (The artificers in copper, iron, and steel, have a high character, and the swords of Japan rank second only to those made in Khorasan. Telescopes, thermometers, watches and clocks, of good quality, are constructed at Nangasaki; and if the description of Merlan, in his excellent work on Japan, of a very curious and complicated clock, may be credited, some of the workmen passess a very high degree of mechanical ingenuity. Glass is made; but the natives are not acquainted with the art of glass-blowing. Printing was introduced in the 13th century, and is conducted, as in China, by means of wooden blocks: engravings also are made, but in a very clumsy mamer. Slik and cotton fabrics, of good quality, are manufactured in quantities almost sufficient for the consumption of the population. Porcelain, more highly esteemed even than that of China, is formed from two peculiar kinds of earth, called kasins and prissace. The art of lacquering furniture with gold, sliver, and various pigments, the secret of which was till lately almost exclusively concluded to the Japanese, and hence called "japanning," is practised with great success; and the specimens that lave reached Europe, and are now deposited, with many other curiostices, in the Royal Museum at the Hague, exceed in excellence every other sort of japanned wares, though Meylam informs us that in the country they would only be esteemed second-rate. The process fextwenty tedious, and the gum requires long preparation for its conversion into varnish. Five coats at least, are successively applied, and when dry, rubbed down and polished with stone; many of the more costly specimens are inlaid with mother-of-pear!. Good paper is made from the maceration of the multivers, and other barks, the Birne

and rigging are wholly unfit for see-navigation. (Sécbold, 1.318-220.)

Trade and Commerce.—The internal trade of Japan
is very extensive, and a variety of regulations are in
force, the object of which is to protect and encourage
home industry. The prices of goods are not enhanced
by imposts of any kind; and communication between the
great markets and all parts of the empire is facilitated
by numerous coasting vessels and well maintained roads.
The shops and markets, especially in Yedo, Misko, and
Nangasaki, are well provided with almost every description of agricultural and manufactured produce, and the
great fairs are crowded with people from the most distant parts of the country. Accounts also are published,
from time to time, of the general state of trade and agriculture, and of the prices current for the chief articles of
traffic at the trading towns of Yedo, Miskao, Osaka, and
Simososeki on the island of Niphon, Sanga, Kokoura,
and Nangasaki in Khu-siu, Tosa in Sikoft, and Marsmai in Jesso. Foreign commerce, however, so far
from being encouraged, is vigorously opposed by the
government, in consequence of the attempts of the
Jesuit missionaries to Christianise the people. An

edict, published in 1637, and still in force, makes it a capital offence for the natives to travel into other countries; and their seamen even, when accidentally cast on foreign shores, are, on their return, subjected to rigorous examination, and sometimes tedious imprisonment, to purify them from the supposed pollution contracted abroad. The Dutch, who were the first permitted to visit the empire after the expulsion of the Portuguese, had their earliest factory on the island of Firato; but they were removed, in 1641, by the emperor's orders, to Mangasaki, where, in common with the Coreans and Chinese, they are allowed to bring their goods for sale; but the number of vessels allowed to come each year, and the quantity of each description of wares to be sold, are strictly defined: and the residents in the factory are restricted to 11 only. The ships, immediately on their arrival, are minutely searched, and the crews are kept, during their stay in port, completely

googs for sate; but the number of vessels allowed to come each year, and the quantity of each description of wares to be sold, are strictly defined: and the residents in the factory are retricted to 11 only. The ships, immediately on their arrival, are minutely searched, and sections are are kept, during their stay in port, completely secluded from the natives, on the small island of Djesima, close to the harbour. All the business transactions are conducted by the Japanese, who also unload and re-lead the vessels. Besides these obstructions, the superintendent of the Dutch factory is obliged to send valuable presents, or rather wibuts, to the slogun, and, once in four years, he makes an official visit to Yedo with great pomp, and gifts of more than usual value, costing with the journey about 2000. The imports comprise raw silk, woollen, cotton, and linen cloths of various kinds, squar, dys-woods, seal-skins, pepper, and other spices, quicksilver, tin and iron, cinnebar, glass-wares, &c. from the Dutch, and silk, tea, sugar, dried fish, and whale oil from the Chinese: the exports consist chiefly of copper ingots (forming about 9-10ths of the whole), camphor, and, to a smaller extent, of silk fabrics, lacquered wares, porcelain, soja-dolichos, &c. (Hogenstory, Cospe d'Ell sur I late de Joses et l'Archipel, des Indes, p. 385—400.; Stoold, i. ch. 2. and 3: Thumberg, iii 83—38.)

Accounts are kept in thails, each of which is equivalent to 3½ Dutch forins, or 5s. 10d. Eng. money, and the thail is composed of 10 mas, and the mas of 10 condorries. The gold coins are the tizd, worth 15 mas (or 8s. 9d.), the bobang, equal to 64 mas (11.7s. 4d.), and the observatued at 2 kobangs. Large payments, however, are most commonly made in silver ingots of a fixed weight and value. The standard of weight is the Japanese precui, equal to 120° English lbs. avoirdupois, and dirided into 100 castys and 1.600 tates. The measure of length is the tationary, equivalent to 6 ft. 4 in. English; but road distance is reckoned by right of the m power, holds his court at Yedo, and exercises entire au-thority over the lives and property of the natives, con-trolled only by the laws enacted by former emperors, and which admit of little change. To him, also, directly belongs the local government of the five great towns, Yedo, Misko, Osaka, Sakai, and Nagasaki. The country is di-vided into 8 districts, which are subdivided into 68 pro-

The name Defri is by some writers applied to the emperor; but this is incorrect, for the defri is simply the term for the court of the Mikado, who is hence called Deiri some (lord of the defri).

vinces, and these again into 604 countless: the provs. are governed by princes called daimio or high-named; and under them are governors of districts, called siomio, or well-named. The daimios are appointed by the slogdin, to whom they are accountable, with hostages for the proper exercise of their authority. They are entitled to the revenues of their respective provs., which enable them, besides maintaining their state and dignity, to keep an armed force for the preservation of order, and to make outlays in repairing roads, and other public works. They reside usually in large towns, either maritime or situated on rivers, and their castles are defended by strong gates and lofty towers. Once a year, in token of subjection, they repair to the slogdin's court, at Yedo, attended by numerous and splendid retinues, and bearing valuable presents, constituting a main portion of his yearly revenues. The executive department is confident to seven ministers, who undertake severally the departments of internal economy and finance, commerce and avigation, public works, police, civil and criminal legislation, war and religion. The supreme judicial council, called gorondle, is composed of 5 daimlos, who assist the kubo in his decisions on political offences; and a senate of 15 daimlos or nobles forms a subordinate court, that takes cognizance of civil and criminal cases.

The laws of Japan are severe, nay, even vindictive and sanguinary; fines are seldom imposed, and exile to the peal settlement of Tattse-era-sima (inflicted on the nobles), banishment, imprisonment, torture, and death by decapitation, or limpoling on a cross, are the ordinary

The laws of Japan are severe, nay, even vindictive and anguinary; fines are seldom imposed, and exile to the penal settlement of Tattae-en-sima (indicted on the nobles) banishment, imprisonment, torture, and death by decapitation, or impaling on a cross, are the ordinary penalties of crime, the shades of which are little distinguished. It frequently happens, also, that the courts visit with punishment not only the delinquents themselves, but their relatives and dependents, and even strangers who have accidentally been spectators of their crimes; and hence, the remarks of Monteaquieu on the spirit of the Japanese laws are by no means incorrect:—"Ces lois, gui ne trouvent point d'innocens là où il peut y avoir un coupable, sont faites pour que tous les hommes em millent les uns des austres, pour que chaum recherche la conduite de chacun, pour qu'ill en soit l'inspecteur et le inge. Mais ces gens opinisières, capricieux, déterminés, bicarres, qui bravent tous les périls et tous les malheurs ange auroit cherche d'ramener les esprits par un juste lempérament de peines et de récompenses, dec. ... Mais le despotisme ne consoit pas ces ressorts, il ne mene pas par ces voies; il peut abuser de lus; mais c'est tout ce qu'il peut faire. Au Japon il a fait un c'est tout ce qu'il peut faire. Au Japon il a fait un c'est tout ce qu'il peut faire. Au Japon il a fait un c'est tout ce evui peut faire. Au Japon il a fait un c'est out ce evui peut faire. Au Japon il a fait un c'est out ce evui peut faire. Au Japon il a fait un c'est out ce evui peut faire. Au Japon il a fait un c'est out ce deven plus cruet que tui-même." (Esprit des Lois, book vi. ch. 13.) The prisons are gloomy and horrid abodes, containing places for torture and private executions, besides numerous cells for solltary confinement. The police is extremely strict, and in the large towns each street has a chief officer, called the ottona, who is responsible for the maintenance of order, the punishment of delinquents, and the registration of births, marriages, and

peace, information of which is obtained by an established system of espionage.

Recruses.—The public revenues are derived from taxes on land and houses. The land is assumed to be the property of the state, and is rated according to the class of soil to which it belongs; the rate being said always to exceed \(\frac{1}{2}\) and often \(\frac{1}{2}\) of the produce; but it is difficult to believe that so heavy a tax can be collected. Tenants neglecting the proper cultivation of their land are punished by ejectment. Houses are rated according to the extent of street frontage, and the amount in which \(\frac{1}{2}\) be holders are mulcted is greatly increased by forced bresents to the civil officers, and dues for maintaining the temples and idols. The amount of the kubo's revenues cannot be ascertained; but it may be inferred that the land-tax, and the contributions from the daimlos, who farm the taxes of their 68 provs., must form a pretty large privy purse.

the daimlos, who farm the taxes of their 68 provs., must form a preity large privy purse.

Armed Force.— The army in time of peace consists of 100,000 infantry, and 20,000 cavalry; the force during war being increased by levies from the different provs. to 400,000 infantry, and 40,000 cavalry. The arms used by the infantry are the musket, pike, bow, sabre, and dagger; those of the mounted troops being the lance, sabre, and pistol. The artillery is co fined to a few brass cannon and light pieces. The generals have no permanent office, but, in case of war or disturbance, are appointed by the slogdin and princes. Discipline and fortifications are little understood; and their batteries consist usually of a few odd-looking walls, raised without either order or apparent object. Japan, though an insular dominion, has no navy whatever; the ships, such as they are, being wholly used in trade.

Religion.—The form of religious worship in Japan,

Religion.—The form of religious worship in Japan, especially the old form, has no resemblance whatever to any of the contemporary Chinese forms: the early in-

habe. of Japan had a peculiar form, which, being respected as that of their ancestors, has maintained itself to this day, as well in the hut of the peasant as in the palace of the dair. Being generally liked, it is not only tolerated, but even protected and venerated by government; even at the present time, it might have been the positive religion of the Japanese, if political causes had not obliged the subjects openly to acknowledge one of the sects of Buddh. The doctrines, views, and interpretations of the ancient rites of the Japanese worship are in no essential points similar to those of Buddh; and though by contact of 1,000 years, they appear to have more or less amalgamated, yet they are kept rigorously distinct by Japanese theologians. The old religion is the Siss-ris (iii. faith is Gods), or, according to Siebold, the Kamino-missi, or way to the kami, or gods, the other being a modern Chinese term for it. This sect regards the founders of the empire to be sprung from Ten-syoo-dat-zine, the supreme deity, and to have descended from heaven upon the Japanese land; and their title Ten-zi is a recognition of their divine origin. The race is never extinct; for in case of a failure in the succession, a descendant is supposed to be sent from heaven (though in fact privately selected by the emperor from the families of the nobles) to the childless ten-zi. The spirit of their ruler is immortal, and this also confirms the faith of the people in the immortality of the soul, in connection with which they also believe in a future retribution of their god and evil deeds during life on earth. Their paradise is called Takmus-kahase, and their heil Ne-so-kuszi. The supreme Deity is too great to be addressed in prayer, save through the mediation of the Mikado, the Son of Heaven, or of inferior spirits alled kami, of which 493 were born spirits, and 2,640 are cannised mortals. For these kassi, who seem to be regarded somewhat like the saints of the Romish calendar, as intercessors with God, temples are specially errored; a

are obsered as scrinces to the same, and accounty even human victims were immolated to reconcile the hostility of evil spirits. The priests of this sect are allowed to marry.

The Buddhist form of worship is supposed to have been introduced from China, through Corea, in the 6th century of the Christian æra; and the dogmas of that religion are divided into a higher and lower doctrine of faith. According to the first, man derives his origin from soldsing, and therefore has no evil in himself; the impressions of the material world bringing out the evil in him, and fostering its growth. This evil is to be counteracted by following the bent of the soul, within which is neither more nor less than the Deity guiding our actions. The human body having sprung from nothing, will, after death, return to nothing: but the soul survives, that of the good will repose in the palace of the Deity, whence, if the deniisens of this lower world should ever need the aid of a virtuous man, it will be sent from heaven to occupy another body. From this curious view of the Bsoteric doctrine of the priests, let us turn to the more popular and practical tenets of the people. "On the other side (i. e. in the other world), before the great judge Emaco, stands a large mirror, in which the actions of all mankind are imaged forth. Near this mirror stand two spirits, who observe and report the deeds of every persou, and a third records them in a book, by which the souls of the dead will ultimately be judged, and, according to their sentence, sent to their places of rewards and punishments. Améda, the saving delty, is the god of paradise; and the way to ensure a journey on the Go-karak, or road to paradise (one only out of six to which departed spirits may be sent), is an obedience to five commandments—viz. not to lie, not to commit adultery, not to kill any living creature, not to get drunk, and not to steal. One of the roads for the dead is Thikayo, the road to the hell of animals; and hence the Buddhists of Japan believe in the transmigration

as well as men."

Of the religion of Buddh, as now professed, there are many ramifications, and much superstition prevails. Jammabos, or monks of the mountain, live a secluded and ascetic life; and blind monks, who deprive themselves of sight that they may not behold the vice around them, are very common throughout Japan. Occasionally, in pursuance of vows, men are met running about the street entirely naked, on a round of visits to different temples; multitudes of religious beggars also are to be seen with shaven heads; and singing girls, in the assumed

This Delty, however, though practically considered as supremis only the descendant of more ancient gods, the most remote of whon was, according to the Japanese mythology, self-created out of infinit and eternal class.

JAPAN (EMPIRE OF).

habit of nums, procure from the rich considerable sums. The sect of Squatoo, which professes the morality of Confucius, is quite separate from any of the creeds above described, and has existed in Japan since A.D. 59. Here, as in China, its only object is the inculcation of a virtuous life in this world, without reference to an after-state of existence. (The above account of the religion of the Japanese is chickly taken from Dr. Burger's paper, in the Chinese Repository for Nov. 1833; but the state-wate English enthority.)

Population, Memmers, &c.—The pop. of Japan has been variously stated; but no estimate yet put forth has the slightest pretension to accuracy. The most moderate estimate, however, fixes it at rather more than 50 millions, exclusive of the inhab. of the Japanese dependencies. They are divided into eight classes, the princes, nobles, priest, soldiers, civil officers, merchants, artianns, and labourers either agricultural or otherwise:

princes, nobles, priests, soldiers, civil officers, merchants, artisans, and labourers either agricultural or otherwise: the caste system is strictly pursued, and each follows the employment of his fathers, whatever his talents may be for a different pursuit. The people, physically considered, appear to be a mixed breed of Mongolian and Malay blood, though they regard themselves as aborigines. They are, in general, well made, active, and aupple, having yellow complexions, small deeply set eyes, short flattish noses, broad heads, and thick black hair, which, however, is not allowed to be wore except on the crown, the sides of the head being kept constantly shaved. The dress of the Japanese consists of several loose silken or cotton robes, worn over each other, the shaved. The dress of the Japanese consists of several loose silken or cotton robes, worn over each other, the family arms being usually worked into the back and breast of that which covers the rest. To these is added, on state occasions, a robe of ceremony; and the higher classes wear with it a sort of trousers called hakkama (resembling a full-plaited petticast drawn up between the legs), with one or more words, according to the rank of the parties. The lower orders are prohibited from wearing swords. The men shave the front and crown of the head the rest being sathered and formed into a tuff. the legs), with one or more swords, according to the rank of the parties. The lower orders are prohibited from wearing swords. The men shave the front and crown of the head, the rest being gathered and formed into a tuft, covering the baid part: the women, on the contrary, wear their hair long, and arranged in the form of a turban, stuck full of pieces of highly pollshed tortoiseshell; and they paint their faces red and white, and stain heir lips purple, and their teeth black. Hats are worn only in rainy weather; but the fan is an indispensable appendage to all classes of the Japanese. Their gait is awkward, owing partly to their clumsy shoes; but that of the women is the worst, in consequence of their practice of so tightly bandaging the hips, as to turn their feet inwards. On the other hand, they do not deform themselves by confining their feet in tight shoes, like the Chinese. Polygany is not practised even by the nobles, and far more freedom is permitted to the female sex than in China: many are well educated, and almost all play on musical instruments. Concubines are kept in numbers, varying according to the means of the owner; but they hold a rank much inferior to that of wives than in China: many are well educated, and almost all play on musical instruments. Concubines are kept in numbers, varying according to the means of the owner; but they hold a rank much inferior to that of wives than in any country in Asia, except Hindoostan; and so little discredit is attached to their profession, that they are sittled by marriad females; and received back without remark into respectable society.

Respecting the moral condition of a people so little known, it would be rash to venture any remarks. They are alleged, by Stebold and others, to be intelligent, and desirous of increasing their knowledge binquiries; they study medicine and astronomy, and their observations are as correctly made as their rude instruments will allow. Almanacks are compiled at Misko, the

inquiries; they study medicine and astronomy, and their observations are as correctly made as their rude instruments will allow. Almanacks are compiled at Minko, the great centre of the national science and literature. The history of Japan has been written with great care by some of its learned writers; and their works on botany and soology contain good descriptions and tolerable engravings of the plants and animals indigenous to their islands. Poetry, plants and animals indigenous to their islands. Poetry, also, is cultivated, and there is a prevalent taste for music. The Japenese language has no relation to the Chinese, nov, indeed, to any known Asiatic language, except that of the Alnos, who inhabit Jesso and Tarakal. Klaproth, in his Recherches Asiatiques, Siebold in his Travets, A. de Remusat, in his Illustrations of the Japenese Language, and Meylan in his able work on Japan, present some curtous details, the exhibition of which does not fall within the province of this Dictionary. It is a polysyllabic language, has an alphabet of 47 letters, and is written in four different sets of characters, one of which (the katakana) is used exclusively by the males, while another (the kingama) is appropriated to the females. The Chinese character also is in use among the learned.

History.— Marco Polo was the first to make known to Ruropeans the existence of a country called by him Zipanges, but since proved to be identical with Japan. In 1812, Mendez-Pinto, a Portuguese, was cast by storm on these shores, and a Portuguese settlement from Malacca was soon after made at Nagasaki, the commercial relations of which, with the inhab., were very considerable

JAROSLAVI.. 75
and highly lucrative to the settlers, till the interference, to 1845, of Jesult missionaries with the religious profession of the inhab., led to the persecution and final expulsion of the traders. The Dutch soon afterwards (in 1600), with great difficulty, prevailed on the Japanese to allow them to trade on condition of not interfering with the national religion; but the vexations and harassing regulations by which the trade is obstructed, and the very limited extent allowed to it, make it a matter of question how far the factory should be kept up by the Dutch government. The Russians tried, some years ago to establish commercial relations with Japan; but their proposals were declined, and the envoys were ordered not to return on pain of death. The internal history of Japan is almost unknown; and the stataments that have reached us through Kämpfer. Thumberg, and others, are too loose to be admitted as authentic history. Voyages de Thumberg as Japon, vols. ii. and iv. passin; Sichold's Voyage as Jepon (French edit.) vols. i. ii. and v.; Myslam's Ilust. of Japan; Emmyler's Hist. of Japan; and several excellent papers in the Assatic Journal for 1830-40.)

JAROSLAVL, or YAROSLAV, a gov. of Russia in Europe, chiefly between the 57th and 59th degs. of lat. and the 3th and 4th of long, having N. Novogoord and Votorda. E. Kostroma, S. Vladimir, and W. Tver. Leath, N. to. S. about 150 ns.; greatest breadth neariy the same. Are estimated as bout 13,000 sq. m. (Schnitz-Lev), Pop. (1840), 100,000. Surface almost wholly flating in some parts marshy, and in general only moderately fertile. The Wolga traverse this government in its centre; the other chief rivers are fits tributaries the Mologa Schekam & e. all which have, more or leas, an fi. direction. The lake of Rostof, in the S., is 8 m. long by 6 broad, and there are nearly 40 other lakes of less size. Rus barlow wheat, eats, peas, &c., are

an at the late of Rostot, in the S., is 8 m.
long by 6 broad, and there are nearly 40 other lakes
of less size. Rye, barley, wheat, oats, peas, &c., are
grown, and Schnitzler estimates the annual produce of corn at about 3 millions of chetwerts: a quantity insufficoen at about a minious of chewerts: a quantity insum-cient for the inhab, who are partly supplied from the adjacent provinces by means of the Wolga. Its hemp and flax are excellent, and cherry and apple orchards are numerous. The gardeners of Jaroslavi and Rostof are famed throughout Russia, and many are met with at Petersburg. Timber is rather scarce. The rearing are numerous. The gardeners of Jaroslavl and Rostof are famed throughout Russia, and many are met with at Petersburg. Timber is rather scarcs. The rearing of live-stock, excepting horses, is little pursued; but the fisheries in the Wolga are important. This government is, however, more noted for its manufacturing than its rural industry. In 1839 there were 105 factories, employing 7,370 hands, chiefly in the towns of Jaroslavl, Rostof, and Ouglitch. Linen, cotton, and woollen stuffs, leather, silk, paper, hardware, and tobacco are the principal manufactures; but, independently of the hands above mentioned, the peasants are almost every where partially occupied with weaving stockings and other fabrics, and making gloves, hats, harness, wooden shoes, and various rural implements. Commerce is facilitated by several navigable rivers and good roads.

Jaroslavl is subdivided into ten districts; chief towns Jaroslavl, Rostof, and Ouglitch. Its pop. is Russian; and the women are proverbial (among Russians) for their beauty. Only about 1-17th part of the inhabs. reside in towns. In respect of education, the gov. is comprised under the div. of Moscow; and, in 1832, had 19 public schools, and 1,141 scholars, besides 9 ecclesiastical seminaries, with 1,607 students.

Jaroslavl, a city of European Russia, cap. of the boves ow and of seiver of same names on the Wolsen.

šeminaries, with 1.607 students.

Jabeslavi., a city of European Russia, cap. of the above gov., and of a circ. of same name, on the Wolga, at the mouth of the Kotorosth, 212 m. N. E. Moscow; lat. 59'2 3'20', long. 40'0 lv. Pop. (1845), 24,856. It is well built, though mostly of wood; and is defended by a fort at the confluence of the two rivers. In its broad main street, which is ornamented with trees, are many handsome stone houses; and 3 convents and numerous churches contribute to give Jaroslavl an imposing and the contribute to give Jaroslavl and the contribute to give Jaroslavl and the contribute to give Jaroslavl and the contribute the contribute to give Jaroslavl and the contribute to give Jaroslavl and the contribute the contribute to give Jaroslavl and the contribute the contribute to give Jaroslavl and the contribute the handsome stone houses; and a convents and numerous churches contribute to give Jaroslavi an imposing appearance. The Demidoff lyosum in this city, founded in 1803, has a good library, a cabinet of natural history, a chemical laboratory, and printing-press, and ranks immediately after the Russian universities. It was originally endowed with lands, to which 3,578 serfs were attached, and with a capital of 100,000 silver roubles; since which it has received other valuable benefactions. attached, and with a capital of 100,000 silver rounces; since which it has received other valuable benefactions. The same educational course is pursued as in the universities, and lasts three years. The establishment is placed under a lay-director and an ecclesiastic, and has 8 professors, 2 readers, and 40 pensionary students. Jaroslavi has also an ecclesiastical seminary, with 500 students. A large stone exchange (Gostinöi dvor), an hospital, founding asylum, house of correction, and 2 workhouses, are the other chief public edifices. This city is the real-dence of a governor, and the see of an archbishop. It has about 40 different factories, including 30 et cotton, 4 of linen, and 2 of silk fabrics, 8 tanneries, and several tobacco, hardware, and paper-making establishments. Its leather and table linen are much esteemed. The position of Jaroslavi on the Wolga contributes to promote its commerce, which is very considerable. Its manufactures are sent to Moscow and Petersburg, and a great

many are sold at the tair of Markaries. I wo similar lairs are held in Jaroslavi.

This is a city of considerable antiquity, being founded in 1025 by the famous Jaroslav, son of Vladimir the Great, who annexed it to the principality of Rostov. It fell under the dukes of Moscow, in 1426. Peter the Great was the first to give it commercial importance, by establishing its linem manufactures, since which its prosperity has been progressive. (Schwitzler, Dict. Geog.)

JAROSLAW or JAROSLAU, a town of the Austrian empire, Galicia, circ. Przemial, on the San, a tributary of the Vistula, 16 m. N. N. W. the town of Przemisl. Pop. (1838), 7,964, among whom are many Jewa. It has a castle belonging to Prince Cartorinsky, a cathedral, and several other churches, a high school and girls, rosoglio, and wax candles. It has an extensive trade in those goods, and in wooden wares, honey, bleached wax, flax, and Hungarian wines, considerable quantities of all which are sent to Dantxic, though less than formerly. It has some rather large fairs; the principal is that holden on the 15th of Aug. (Berghauss; Steis; Oesterr. Net. Beogre.)

which are sent to Dantzie, though less than formerly. It has some rather large fairs; the principal is that holden on the 15th of Aug. (Berghaus; Steis; Oesterr. Net. Secyc.)

JASSY (an. Jassiorium Municipium), a town of Moldavia, of which it is the cap., on the Bagiul, a tributary of the Fruth, about 120 m. N. N. W. Galaca, and 160 m. W. N. W. Odessa, iat. 47°8' 30" N., long. 37° 30" 15" E. The pop., which is vaguely said to have once amounted to 80,000, and during the present century to 30,000, has been reduced, by war, peatilence, and fire, to less than 30,000. It is situated in a fertile country, partly on a hill, and partly in the valley beneath, and covers a large surface, the houses being interspersed with gardens and plantations. Its fortifications were demolished in 1788, and its only defence is now a small fortress on an eminence, opposite the residence of the hospodar. About 4,700 houses, including all its handsomest residences, were destroyed by fire in 1822; since which. Jasy has presented a miserable appearance. Of the 6,000 houses it is now stated to contain, about 300 only are of stone or rick, and not more than 30 have a second floor. The principal street is wide, and lined with low shops; the other streets are narrow and crooked: they are paved only with logs, and in wet weather are impassable from the mud, while in dry weather they are enveloped in clouds of dust. There is a total want of cleanliness; and this, with the proximity of marshes, and the exhalations which arise from the imperfectly overed sewers, render the town, especially its lower part, very unhealthy. Jasy is the see of a Greek archbishop, whose residence is perhaps the most remarkable public edifice. It has many Greek churches and chapela, a Rom. Cath., and a Lutheran church, numerous convents, an hospital. 3 public baths, a large building appropriated to a Wallachian printing establishment, the only one in the province, a gymnasium, established in 1644, a Lancastrian school, and a school of handicraft for females, founded in

Macmichaet's Journey from Moscow to Constantinopic, p. 33; Stein.)

JASZ-BERENY, a town of Hungary, distr. Jagysia, of which it is the cap., on both sides the Zagyva, here crossed by a stone bridge, 40 m. E. Peeth. Pop. 16,380. It has a large and handsome Rom. Cath. parish church, several other churches, a Franciscan convent, Rom. Cath. gymnasium, high school, and a town-hall, in which are kept the archives of Jagysta and Great and Little Cumania. In the centre of the town stands a marble obelisk, erected in 1797 in honour of the archduke John; and within the precincts of the convent, on an island in

comming. In the centre of the two stands a market obelish, erected in 1797 in honour of the archduke John; and within the precincts of the convent, on an island in the Zagyas, the traveller is shown a tomb, reported to be that of Attila! The town has a large trade in corn, horses, and cattle, which latter are reared in great numb.rs in its vicinity. (Oesters. Nat. Enge.; Berghaus.)

JAUER, a town of the Prussian dom., prov. Silesia. cap. circ. of same name, on the Neisse, (which, by its inundations, often does much damage), 10 m. S. by E. Leigoitz. Pop. (1838), 5,847. It is the seat of the judicial courts for the circle, &c.; has a house of correction, a Lutheran, and five Rom. Cath. churches, a free school, and fabrics of lines and woollen cloths.

JAVA, a large and fine island of the Bastern Archipelago, lat division, belonging principally to the Dutch, and the centre, as well as the most valuable, of their posses-

many are sold at the fair of Markarief. Two annual fairs are held in Jaroslavi.

This is a city of considerable antiquity, being founded in 1920 by the famous Jaroslav, son of Vladimir the Great, who annexed it to the principality of Rostov. It fell under the dukes of Moscow, in 1426. Peter the Great was the first to give it commercial importance, by establishing its linen manufactures, since which its properity has been progressive. (Schutzler, Dict. Géog.)

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Europeans, mosay Ducca, out comprising secondary Ragilah, including those employed in the mercantile navy.

Physical Geography, &c. — Most part of the surface is mountainous. A mountain chain, obviously of volcanic origin, runs W. and E. entirely through the centre of the isl., its peaks varying in elevation from 5,000 to probably 12,000 ft. All these peaks are of a coulcal form, and, with few exceptions, each appears to have originated in a distinct convulsion of nature. All have been at some period active volcanoes; in most of them, however, volcanic agency is now apparently extinct, though, from some, eruptions occasionally take place, and sulphureous vapours are emitted, especially after rain. The S. coast is smually bold and rocky, and being exposed to all the violence of the occan, is unsafe for shipping; the N. shore is, on the contrary, low and marshy, and has many tolerable harbours and roadsteads, affording smileient shelter to trading vessels, the sea being generally smooth. Rivers numerous; but very few of any size. The largest is the Solo, which runs through nearly the centre of the isl., and disembogues on the N. coast, opposite Madura. Its length may be estimated at 400 m., "3-the of which are navigable for vessels of 300 tons. Surakarta, the cap, of the chief native prince, is on its banks; five or six other rivers are at all times navigable for a few miles from the coast, and probably 00 more are in the wet season used for the conveyance of rafts and rough produce downwards. There are many extensive swamps, and in the mountains many small lakes occupy the craters of extinct volcanoes.

Basait, hornblende, and other volcanic formations are

and in the mountains many small lakes occupy the craters of extinct volcanoss.

Basalt, hornblende, and other volcanic formations are abundantly intermixed among the primary rocks of the mountain region. On either side of the mountain chain coarse limestone and argillaceous iron-stone are very prevalent formations, and are covered, especially in the lower parts of the country, with a volcanic soil of great richness, in some places 12 ft. in depth. The N. coast rests entirely upon coral. Metals are few. Mineral springs of various kinds are met with, besides naphtha and petroleum wells, and in one distr. is a cluster of hills which eject a mixture of mud and salt water 9, like the mud-volcano of Maccaluba, in Sicily. (See Aragona, vol. 1. p. 145.)

vol. i. p. 145.)

hills which eject a mixture of mud and salt water*, like the mud-volcano of Maccaluba, in Sicily. (See Aragona, vol. i. p. 145.)

The seasons are divided into the wet and dry. The former accompanies the monsoon from October to March or April; the latter, the E. monsoon, which lasts during the rest of the year. On the N. coast, where the thermometer sometimes rises to 90° Fah., the climate is very unfavourable to Europeans; but in the interior, at an elevation of 4,000 ft., where the temperature ranges between 50° and 60°, no deleterious influence is to be apprehended from the atmosphere. Thunderstorms and earthquakes are frequent, but hurricanes are unknown.

Java has a most luxuriant vegetation. It is distinguished by the number and excellence of its fruits and other vegetable products, which comprise many of the most valuable common to tropical climates. Dense forests of teak and other trees, useful for shipbuilding, cover a great part of the interior, especially towards the B. end of the island. The teak of Java is inferior in hardness and solidity to that of Malabar, but it is superior in those respects to that of Birmah; and is said to excevery other variety in durability. The sago, and many other paims, the very curious pitcher-plant (Nepenther distillatoris), and two virulently poisonous plants, the mackar and the chetik, are natives of the island. The latter, which is peculiar to Java, is a large creeping shrub, and identical with the celebrated spees, formerly supposed, but on no good foundation, to be, like Avernus, destructive of birds flying over it. The aggregate number of mammalia has been estimated at 50, including the royal and black tigers, rhinoceros, several kinds of deer, the wild hog, wild Javan ox, buffalo, &c. Crocodies and the marshes; and upwards of 20 venomous serpents are enumerated, including some of enormous size. Birds are in immense variety; the bird of paradise visits Java, from Gilolo, Papua, and the other islands to the B.; and the edible nests of the sea swallow (Hirsmoo cecul

From the sait water thus ejected 200 sons of sait are said to be nade annually. (Raffer Hist. 1. 27.)

JAVA. 77

form an important and valuable article of trade for the Chinese markets. This singular product is obtained in the greatest perfection from deep, damp, and all but inacc, a sible caves along the rugged parts of the sea coast. These are the property of government; and, when they can be easily guarded, produce a considerable revenue. Mr. Crawfurd, who for several years superintended the collection of the valuable caverns of Karang-bolang, on the S. coast of the istand extinates the value of the nests obtained from them at about 140,000 doll. a year, collected at an expense of about 11 per cent. The nests on the S. coast of the island, estimates the value of the nests obtained from them at shout 140,000 doll. a year, collected at an expense of about 11 per cent. The nests are taken twice a year; and if no unnecessary violence be done, the operation seems to be but little injurious: at all events, the quantity is but little increased by the caves being left untouched for a year or two. The nests are assorted in three qualities, the best being the whitest, or those taken away before they have been solled by the food or faces of the young bird. The supply of nests being limited and unsusceptible of increase, and being, at the same time, highly prized by the rich and luxurious Chinese, on account of their real or supposed invigorating powers, they bring enormous prices; the finest sorts selling for 5t. or 6t. per lib. 1 and the inferior for 3t. or 35s. per do. 1 They are collected, but in smaller quantities, in other parts of the Archipelago: Industry, \$\phi_c\$. — "The Javaness are a nation of husbandmen. To the crop the mechanic looks immediately for his salary, the priest for his stipend, and the government for its tribute. The wealth of a province or village is measured by the extent and fertility of its land, its facilities for rice irrigation, and the number of its land, its facilities for rice irrigation, and the number of its land, its facilities for rice irrigation, and the number of its land, its facilities for rice irrigation, and the number of its land, its facilities for rice irrigation, and the number of its land.

as saary, the press for his stipend, and the government for its tribute. The wealth of a province or village is measured by the extent and fertility of its land, its facilities for rice irrigation, and the number of its buffilese. The proportion, at an average, of the inhab, engaged in agriculture to the rest of the pop, may be stated at \$\frac{1}{2}\$ or \$40 i; and it is probable that if the whole island were under estitivation, no area of land of the same extent in any other quarter of the globe could surpass it, either in the quantity, quality, or value of its vegetable productions." (Rafflet, i. 117—430.) At present, only about 1.-da part of the surface is supposed to be under culture; and yet Java produces not only enough of corn for its own consumption, but is the granary of the S. Archipelago, and even of Singapore. Within the last twenty years, the cultivation of all its great staples has wonderfully increased; and the progress of Java has been probably even more remarkable than that of either Brazil or Cubs.

bably even more remarkable than that of either Brazil or Cuba.

The husbandry of the Javanese may be aid to exhibit, upon the whole, much neatness and order. Two or more crops are never cultivated in the same field, as it he slovenly practice of the Hindoos. Neither are the lands tilled in common, as is a usual but most injurious practice in India. The peasant and his family bestow their labour exclusively on their own possessions, and consider their culture rather as an enjoyment than task. It is here only that their industry assumes an active and systematic character: the women take a large share of the labour. The work of the plough, the harrow and mattock, with all that concerns the important noperations of irrigation, are performed by the men, but the lighter labours of sowing, transplanting, reaping, and housing, belong almost exclusively to the women.

The implements of agriculture are few and simple; but as well as the agricultural processes, they are more perfect, and imply a greater degree of lutelligence, than those of the Hindoos, and perhaps, indeed, than those of any Asiatic people, the Chinese excepted. The Javanese plough, like the Hindoo, has no share. The sock is tipped with a few ounces of iron, and the earth board is carred out of the body of the nieusel; the awood is saak the

any Asiatic people, the Chinese excepted. The Javanese plough, like the Hindoo, has no share. The sock is tipped with a few ounces of iron, and the earth board is carred out of the body of the plough; the wood is teak, the yoke of bamboo cane. One man conducts the plough, and with a long whip guides the cattle, which never exceed two in number. The Javanese harrow is a large rake, with a single row of teeth. The same yoke and cattle are used for it as for the plough, and over its beam a bamboo cane is placed, on which the person who guides it sits to give a necessary weight to the implement. The hoe is very indifferent; its edge only tipped with a little iron, and its handle about 2½ feet long. The Javanese sickle is a very peculiar instrument. Its object is to nip off separately each ear of rice with a few inches of the straw; for which purpose it is grasped in the right hand, and the operation effected with a dexterity acquired by purchased for little more than one-third part of the yearly produce of his land; or for about 15 or 16 dollars, including a pair of buffaloes. These animals usually serve all agricultural and other purposes in place of horses. Cattle of every description are plentiful throughout Java; but the cows are inferior, and yield little milk. Sheep, goats, and hogs are numerous.

into small chequers of about 200 or 200 sq. yards, surrounded by dykes not exceeding 1½ feet high, to retain the water for irrigation. When the culture depends on the periodical rains, the charge of these dykes constitutes, as far as irrigation is concerned, the only care of the husbandmen; but the greater quantity of the grain of Java is raised by the help of artificial irrigation. The principal care of the husbandman is to dam the brooks and mountain streams as they decemed from the hills, and before the difficulty has occurred which would be presented by their passing through deep ravines. From this circumstance, the crests of the mountains, and the valleys at their feet, are best supplied with water, and there, consequently, is the finest and richest husbandry. The slopes of the mountains are formed into terraces highly cultivated, and the valleys are rendered almost impassable from the frequency of the water courses. The art of forcing rice by artificial irrigation is found only to prevail in the most improved parts of the eastern Archipelago, and in the best lands. This mode does not depend upon the season; and hence we see in the best parts of Java, where it chiefly obtains, rice in the best parts of Java, where it chiefly obtains, rice in the best parts of Java, where it chiefly obtains, rice in the best parts of Java, where it chiefly obtains, rice in the best parts of Java, where it chiefly obtains, rice in the season of the same district, within, indeed, the compass of a few acres. In one little field, or rather compass of a few acres. In one little field, or rather compass of a few acres. In one little field, or rather compass of a few acres. In one little field, or rather compass of a few acres. In one little field, or rather compass of a few acres. In one little field, or rather compass of a few acres. In one little field, or rather compass of a few acres. In one little field, or rather compass of a few acres. In one little field, or rather compass of a few acres. In one little field, or rather co

in the case of mountain rice, becomes necessary to se-parate the seed from the straw, which is done by treed-ing, or rather rubbing, the sheaf between the feet, an operation effected with considerable dexterity. Com-

ing, or rather rubbing, the sheaf between the feet, an operation effected with considerable dexterity. Commonly the grain is stored for use, and transported to market in the straw. The operation of husking is performed by the women in large wooden mortars, with pestles of the same material. (Crassfard's Indian Archipelago. 1. 348—365.) Rice is mostly grown in the R. part of the island, whence it is sent in large quantities to Batavia for exportation, or to Samarang, from which port a good deal is shipped for China, and the islands of the Archipelago.

Coffee, which has now become the great commercial staple of Java, is grown in the uplands, the best situations for it being the valleys from 3.000 to 4.000 ft. above the level of the sea. The coffee plant grows from 12 years, each tree yielding, at an average, I] the coffee. The chief peculiarity of the coffee planting in the dadage tree (Ergistrias issidica), in rows alternately with the coffee plants, for the purpose of affording shelter to the latter. Coffee Is raised principally in the W. part of the island, where the residency of Preangers furnishes at least 1-4th part of the total produce.

bablt. The whole farming stock of a villager may be purchased for little more than one-third part of the yearly produce of his land; or for about 15 or 16 dollars, including a pair of buffaloes. These animals usually serve all agricultural and other purpores in place of horses. Cattle of every description are plentiful throughout Java; but the cows are inferior, and yield little milk. Sheep, goets, and hogs are numerous.

Rice is the principal food of all classes: it is grown not only along the whole of the sea-coast, but in all the low grounds and ravines where water is to be had. Wherever rice is cultivated by mmersion, the land is divided

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its production. A species of sugar obtained by ferment-ing the juice of a tree, is much used by the natives. The increase in the production of sugar in Java since

1823 has been most extraordinary; the quantity exported in 1847 having been above secusly times greater than in 1826! At present (1850), the export of sugar may be estimated at about 90,000 tons. The increase in the growth

nated at about 90,000 tons. The increase in the growth of coffee has been even greater than that of sugar; and Java is now become one of the principal sources for the supply of these important products. (See post.) In 1839, the government officially announced that the cultivation of spices, previously prohibited in Java, would for the future be free to all parties desirous of engaging in it; and, further, that every facility would be given to such persons, by supplying them with whatever information, and even seed, they might require. This liberal policy has had a considerable influence, though not, perhaps, so much as was anticipated. The produce of cloves and nutmegs amounted together, in 1845, to 5,637 pic.; but Temminck speaks unfavourably of the prospects of the former. (Possessions Nécriandaises dess Inde Archipélagique, 1, 234.) Cinnamon has, also, been introduced, and apparently with considerable success, the crop in 1840 having amounted to 37,074 lbs. of the first quality. Indigo has been one of the most successful the crop in 1840 having amounted to 57,074 lbs. of the first quality. Indigo has been one of the most successful of the various articles introduced into the island; and has already, indeed, been found to be a formidable rival to the indigo of India. In 1833, the culture of the tea plant was attempted; and considerable quantities are now raised in different parts of the island. Temminck, however, says that it has an astringent taste and a feeble aroma; but it is not clear whether this originates in the unsuitableness of the soil and climate, or in some mismanagement in the treatment (i. 255.). The silk-worm was introduced early in the 18th century; but

aroma; but it is not clear whether this originates in the unsuitableness of the soil and climate, or in some mismanagement in the treatment (1. 285.). The silk-worm was introduced early in the 18th century; but though often renewed, the attempts to produce silk have failed. Pepper is extensively produced; but long pepper, though indigenous, has been comparatively neglected. Tobacco and cotton may be ranked among the staple products; considerable quantities of the latter are exported. Maxes is grown in the plains, and wheat, rye, oats, and barley in the hilly tracts, but the latter only in small quantities. A great variety of pulses and vegetable oils, the sweet potato, cocca, betel-leaf, pistachio nuts, &c., are among the other articles of culture. Labour is very cheap: in the European districts, labourers get only 4d. a day, and in the native districts only from 2d. to 24d. a day; but they are, notwith standing, in a much better condition than the inhab. of Bengal, being generally well fed and clothed, and, for the climate, well housed. Their food is principally rice or maize, with a little sugar; their clothing is chiefly of cotton, and in the centre of the island it is mostly the manufacture of the country; but they consume a greater quantity of manufactured articles of good quality than the Bengalese. Each peasant has his but of bamboo, &c., which costs only from about &s. to 10s. in the first instance, and is usually surrounded by a small garden. The proprietary right to the land, except in a few districts, belongs every where to the sovereign. No law nor usage gives to the oldest occupant the land he has reclaimed from wasie, or the farm he has enriched by his industry. As a matter of convenience, the same cultivator may continue to occupy the same field for life, and his family may afterwards succeed, but none can retain possession against the will of the sovereign, or even of his own immediate superior. Half the produce of wet lands, and a third part of that of dry, was formerly exacted by the governmen uninstructive to compare this moderate assessment with the exorbitant amount taken from the occupiers in Hin-dostan, and to mark the results exhibited in the im-poverishment of the inhab. of British India and the stationary state of the country, and the comfort of the Javanese labourer, and the great and rapidly increasing prespective of Java.

Javanese labourer, and the great and rapidly increasing prosperity of Java.

No permission is necessary from the Dutch government for Europeans wishing to go to Java, but a licence from the colonial governor is necessary to remaining there. Europeans are permitted to buy and sell lands in the W. Provs., and to hold leases in the N. The principal conditions are the payment of a tax of 1 per cent. on the estimated value of the property; that the proprietor shall not exact more than the before-mentioned proportion of produce as rent; and that he shall keep the roads and bridges in repair. The European proprietors receive their rents in kind; and are obliged to take their produce to Batavia to be shipped. The free cultivation of every article of produce is allowed, except the poppy. The extent of estates held in property in 1830, was about 5,000 sq. m., divided between 20 or 30

Ruropean, and 10 or 12 Chinese proprietors; of which about 1,800 sq. m. were held by 8 or 10 British-born subjects; but in the interval the quantity of land held by Europeans has been materially increased. British and other foreign proprietors are treated precisely in the same way as the Dutch. The Chinese possess a somewhat less extent. Large capitals have been expended on the lands held by Europeans in irrigation, the construction of sugar-mills and mills for husking rice, and the introduction of machinery from Europe. The introduction of European capitalists and residents has greatly improved the condition of the natives, who are always ready to enter their service. Theft and robery, though common elsewhere, are seldom heard of on estates belonging to Europeans, and there are on instances of personal violence done the latter. About 500 sq. m. in the territories of the native princes are iesased by Europeans. (Maclaise's Evidence in Part. E. I. Reports; Earl, Eutern Scas.) The natives cultivate the rest of the land according to their ancient customs and usages, paying a rent to the government, partly in money, and partly in kind. A village system is very prevalent, by which every commune has its own lands, the culture of which it has a right to direct, and which is conducted for the benefit of its lababs. in common. This is particularly the case in the E.: the produce is afterwards divided (after deducting the rent) into equal parts, according to the number of hands engaged in its production. The land belonging to a commune varies generally from about 40 to 100 acres; and the extent allotted to each individual from one half to two acres. European, and 10 or 12 Chinese proprietors; of which, one half to two acres.

acres; and the extent allotted to each individual from one half to two acres.

Manufactures are few, and principally domestic: the peasant's family fabricates almost every article required for its own use. Cotton goods are woven; and a cubit's length of cotton cloth, 5 spans in breadth, is considered a sufficient day's work by the Javanese waver.

The Javanese and Indian Islanders, in general, are wholly unacquainted with the art of manufacturing fine clothes of any kind: all their fabrics are of a coarse, though durable texture; and all the labours of the loom are performed by women only. Of calico-printing the Javanese are entirely ignorant; but they have a singular substitute for it. The part not intended to be coloured, they daub over with melted wax. The cloth, thus treated, is thrown into the dying-vat, and the interstices take the colour of the pattern. If a second or third colour have to be added, the operation is repeated on the ground made by the first application of wax; more wax is applied, and the cloth is once, or oftener, consigned to the vat. The greater refinement that is attempted, the more certain seems to be the failure. This awkward substitute for printing adds 100 per cent., at least, to the price of the cloth. "The latter," Mr. Crawfurd says, "is 450 per cent. on the price of the raw marrial;" and he adds, "This is a picture of the rude condition of manufacturing industry, of the waste of labour and of time, which results, in an uncivilised stage of society, from imperfect machinery, indolence, unskillness, and the wart of the division of labour." (*Ind.*) condition of manufacturing industry, of the waste of labour and of time, which results, in an uncivilised stage of society, from imperfect machinery, indolence, unskilfulness, and the want of the division of labour." (Ind. Archip. I. 179, 180.) And yet, unskilful as the manufacturing industry of the Javanese is, it generally excess that of the other islanders of the Archipelago. Leather and saddlery are made at Solo, boots and shoes at Samarang, mats and hats of bamboo, &c., coir, flabing-nots, paper from the bark of the Mores payerifers, bricks, calinet-work, carred wooden articles, boats and ships, in the construction of which the natives are tolerably versed, and Arises, matchlocks, and other arms, &c., are, excl. of cottoms, the chief manufactures. Copper and brass pans are made, but their manufactured goods used by Europeans are imported. Java is the only island of the E. Archipelago in which salt is made to any extent: along the N. coast there are numerous salt-pans, from which a great deal more of the article is obtained than is required for home consumption—a quantity estimated at \$2,000 tons annually. The salt marshes, and other inlets of the sea, are often embanked for the rearing of fish in large numbers.

In archibecture, the Javanese surpass the other natives.

numbers.

In architecture, the Javanese surpass the other natives of the E. Archipelago; and many structures of stone and brick, some in a style of superior magnificence, (as, for instance, the temple of Boro Budor,) exist in different parts of the island. But the art of building has declined since the middle of the 18th century, and the modern Japanese do not even understand the art of turning an arch, though arches are seen in every ancient structure for panese do not even understand the art of turning an arch, though arches are seen in every ancient structure remaining in Java. The karatons, or palaces of the native princes, are walled inclosures, laid out on a uniform plan, and comprising numerous buildings. They were formerly constructed of hewn stone, but at present consist only of ill-burnt bricks and ill-concocted mortar. After these, the better sort of residences are called possdapas, a word derived from the Sanscrit; and the edifice is, therefore, probably of Indian origin. In most of these a thatched roof is supported by four wooden pillars, round which is JAVA. 79

an awning of light materials, supported by moveable props of bamboo; and the whole is closed in by a temporary paling, and divided into apartments by light partitions. The chief materials of the house of the Javanese are the bamboo, rattan, palmetto leaf, and wild grass. The house of a peasant in a populous part of Java, where materials are not the most abundant, will not exceed the value of 60 days' labour. In the dwellings of the chiefs there is generally, in a conspicuous part of the house, a kind of state bed, rather for display than use; but an ordinary bed is usually only the bamboo floor of the cotage, or, at best, a bench of the same filmsy material, on which a mat and small pillow are laid, and the peasant retires to rest without undressing. Food is served up on salvers or trays of wood or brass. A few Chinese porcelain dishes are used occasionally, but neither spoons, knives, nor forks.

An amounts to 5-7ths of the whole external trade, is chiefly carried on by the Nederlandisch Handel Mastichappy, or Dutch Commercial Society, which includes some of the most wealthy persons in the mother country.

The principal articles of import are linen and cotton manufactures, chintees, muslins, &c.; provisions, winee and spirits, iron and iron goods, and woollen goods, haberdashery, glass, copper wares, &c., from Europe and America; oplum from the Levant and Bengal; sacking, linens, wheat, &c., from India; porcelain, tea, tobacco, silk and silk goods, from China; copper and camphor from Japan; gambier, cuffee, tin, cotton, gold dust, bensoln, sandai-wood, &c., for exportation, from the rest of the archipelago. The following account of the principal articles of produce exported from Java during each of articles of produce exported from Java during each of the undermentioned years ending with 1845, shows better than any thing else can do, the wonderful progress re-cently made by this noble island.

Years.	Coffee.	Pepper.	Indigo,	Hides.	Cloves.	Nutmegs.	Sugar.	Tin.	Rice.	Rattane.	Mace.	Arrack.
1830 1835	Picule. 188,740 466,871	Piculs. 6,061 11,868	134. 22,063 585,753	No. 50,249 139,995	Piculs. 803 4,565	Piculs. 1,304 5,022	Piculs. 108,640 439,543		Course. 13,521 25,577 Picule.	Picule. 5,095 4,905	Picula. 177 1,606	Leaguere. 1,927 2,075
1840 1841 1842 1843 1844 1845	1,152,194 961,467 1,013,854 1,018,102 1,239,935 1,006,190		2,125,911 1,827,386 1,627,437 1,890,129 1,648,520 1,653,869		53 7,600 1,718 2,027 2,800 2,234	3,600 5,125 5,129 2,113 8,131 3,403	1,024,493 1,046,576 884,685 929,769 1,008,632 1,455,423	69,1¥7 45,705 68,729	680,909 676,213 884,157 1,018,774 785,276 447,017	37,017 36,594 73,535 73,600	870 1,171 1,438 486 2,500 830	5,261 4,672 4,668 6,362 6,218 4,378

Arrack Hides Indigo Coffee Pepper, round Rice Mace Cloves Nutmeps	Florins. - 133,222 - 290,649 - 4,961,608 - 30,123,798 - 184,433 - 2,687,101 - 131,834 - 201,365 - 510,385	Sugar
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The total amount of import and export duties i The total amount of import and export duties re-ceived, in 1837, was 425,6694. In the same year, 1,648 shipa, of the aggregate burden of 102,416 lasts (under the Dutch flag, 1,623 of 79,202 lasts), entered; and 1,891 shipa, burden 111,590 lasts (1,636 of 85,571 lasts, under Dutch colours), cleared out of the different ports of Java and Madius. and Madura.

The internal traffic is comparatively small, though few countries have better means of communication. A carriage road, extending from one extremity of Java to the other, 800 m. in length, was made by General Daendels; but it is alleged that its construction cost the lives of 12,000 natives.

of 12,000 natives.

The Chiese weights are invariably used in commercial transactions at Batavia, and throughout Java and the other Dutch possessions in India. These are the picul and the cattie, which is its hundreth part. The picul is commonly estimated at 125 Dutch or 1334 lbs. avoirdupois, but at Batavia it has been long reckoned equal to 136 lbs. avoird. The bahar is 3, and the timbang 5, piculs. The coyang of rice is equivalent to 3,300 lbs. Dutch. The coins in use are similar to those current in the Netherlands. Spanish dollars are received at the custom-house in Batavia, at the rate of 100

Government, &c -Java, inc. Madura, is divided into 22 provinces, or residencies, each governed by a European resident, assisted by a secretary, and as many sub-residents as may be deemed necessary. The residencies are subresident, assisted by a secretary, and as many sub-residents are subass may be deemed necessary. The residencies are subdivided into arronds, or regencies, the administration of
which, especially in respect to the police, is confided to
native chiefa, termed regents. The colonial government
at Batavia exerts a full and complete power over all the
Dutch colonies in the E. seas. The gov-general in the
cap, is the representative of the king of Holland, and
commander-in-chief of the forces by land and sea. He
is assisted by a secretary-general, and a colonial council
of 4 members, who must be of Dutch extraction, born in
Holland, or one of its dependencies, and 30 years of age;
and who can exercise no other functions while they remain councillors. Justice is administered in the last and who can exercise no other functions while they remain councillors. Justice is administered in the last resort in a supreme court at Batavia, which has jurisdiction in all cases above the value of 500 florins. Three subordinate civil and criminal tribunals, and 3 courts martial, subordinate to a central court in the cap., are established in Batavia, Samarang, and Sourabaya. A member from each of these courts makes a circuit at least every three months into the residencies under its control, to preside at a court of assize, composed besides of 4 native chiefs chosen annually by the government, on the recommendation of the natives. The permanent tribunals of the residencies are the land-raaders, composed of the resident, 4 mems. selected from among the regents, a secretary, &c. In each arrond. and commune

est religious toieration exists, and ministers of an observation sects are equally remunerated by the government. Superior schools are established in the chief towns, and superior schools to most of the residencies. The squadron tian sects are equally remunerations. Superior schools are established in the chief towns, and primary schools in most of the residencies. The squadron stationed in Java sometimes comprises several ships of the line, but in time of peace usually consists only of a few frigates and corvettes. There is, besides, a colonial many of light vessels (schooners, gun-boat, &c.), which forms a separate branch of service, though both are generally placed under the command of the admiral of the royal squadron, who has the title of Director of the Dutch East India Navy. Besides the foregoing force, a fotilla of cruisers, manned by native Javanese, is supported by the different marine residencies. The land ported by the different marine residencies. The land forces consist of several battalions of infantry and artilforces consist of several battalions of infantry and artil-lery, a corps of ploneers, a regiment of hussars, and a portion of a squadron of lancers. In all, there are about 8,400 Europeans in the Dutch Javanese army, being about equal to 1-3d part of those serving in British India. But, notwithstanding the heavy expense incurred in the government, Java is one of the lew colonial dependencies that in ordinary years remit a considerable

that in ordinary years remit a considerable revenue to the mother country.

The territories of the native princes comprise about 1-4th part of Java and its inhabs., in the centre, S., and S. E. of the island, the cap. of the Susuhuman, or empire of Java being at Surakarra, on the Solo, and that of the sultan, at Djocjokarta. The religion of both these dynasties is the Mohammedan, which prevails over almost the whole of the country. The Javanese, as a nation, are the most advanced of any in the E. Archipelako. They only of those lubabiling that region, have a native are the most advanced of any in the E. Archipeiago. They only, of those linhabiting that region, have a native calendar, and have made considerable progress in the arts and sciences of civilised life. They appear to have received these originally from Hindostan, together with the Hindoo religion, which is supposed to have prevailed over Java, till its conquest by the Mohammedans in 1478. Copious details respecting the manners, customs, &c. of stimulican and interesting resols, the antiquities of the

Copious details respecting the manners, customs, &c. of this curious and interesting people, the antiquities of the island, &c., which would take up too much space in the present work, may be found in Temminck, Raffles, Crawfurd, and other writers on the subject.

The history of Java cannot be traced with any degree of confidence, further than the latter portion of the 12th century. From that time down to the establishment of Mohammedanism, at the close of the 15th century, the religion of the people was a modified Hindooism; and a number of independent states existed in Java. The ruins of Mojopahit, one of the principal capitals of these several states, are among the most extensive in the East. ruins of Mojopahit, one of the principal capitals of these several states, are among the most extensive in the East. This city had between two opposite gates, the remains of which still exist, a breadth of about 3 m., which would give a circuit of 12 m. If the enclosure had been a square. The Hindoo kingdom of Mojopahit was overturned by the Araba in 1478.

The Portuguese reached Java in 1511, and the Dutch in 1595. The latter founded Batavia in 1619, and gradually consolidated their power on the island, though for a long period engaged in continual wars with the native sovereigns. In 1811, Java was taken by a British force from Hindostan, and held till 1816, when, in put

" Equal, at 20d. per florin, to 5,491,264/. " Vol. II.

suance of the treaty of Paris, it was restored to the Dutch. (Hogendorp, Comp of Œit sur l'Ils de Jona; Rafles's Hist., of Jana; Cratofuerd's Indians Archipelago; Parl. Reports; Hamilton, E. J. Gan., &c.)

JAKARTES, a celebrated river of antiquity, now very generally acknowledged to be identical with the Sir-Daris, the chief stream of the Kirghis-steppe. It rises in the Kachkar-Davan, a W. branch of the Tlang-khang range, in lat. 42° 30′ N., and long, 78° 50′ E. Its course to Kokan is W.S.W. about 180 in.; but at that point it takes a N.N.W. direction for about 300 m., as far as Akmetachet, in lat. 48° N., long, 66° b' K., where the channel divides, the N. and larger branch retaining the name 81r, while that to the S. is called Kouvan-Daris: their mouths in the Caspian Sea lie about 40 m. apart, but are both in long, 61°. The entire length of the Sir, including its windings, cannot be much less than 900 m.; and it is both broad and deep, which may be attributed to its being the sole recipient of the waters on the N. side of the great chain separating the khanate of Kokan from Chinese Turkestan. It has no affuent of any great size, its banks (which are low and sandy) are usually flooded in summer and at the beginning of winter; and the water is described as being loaded with a whitish brown deposit. The ruins of temples and habitations in the Karakoum ands at the lower part of its course clearly prove that its banks were once peopled by a race far more civilised than the brigand Kirghis, who now wander over the Steppe. (Lévchine, p. 1. ch. v.)

Herodottus gives the name Araxes to a large river full of fish, and studded with islands, situated in a vast immeasurable plain. (Sec. 1. 201—216.) Some geographers have conjectured that he meant the Amoo (Ozus), others the Wolga; but D'Anville, Heeren, and Mannert, clearly show, from the position of the Biassagetæ relatively to the Issadones, that no other river but the Sir could have been meant by the Father of history. Ancient geographers agree in stating that the Jaxa

Caspian Sea, an assertion, pornaps, not quite of erroneous as modern critics have supposed, if any credit be attached to the investigations of Mouravief and Berg on the level of the country between the Caspian and Arab seas, which lead to the supposition that these great stitlakes were once united. This conjecture, also, if it be correct, at once accounts for the great breadth (E. and W.) given to the Caspian by all the ancient writers. With respect to the term Arases, which was used by the old authors as applicable to at least five distinct rivers, it is now regarded as generic, meaning simply any rapid stream, like the modern Aras. (See D'Anville's valuable paper, Des Flewes du Nom d'Araxes, in vol. 36. of the Histoire de l'Acad. des Inscriptions.) Herodotus, whose geography is in general so very accurate, was probably led into what Rennell calls his "prodigious mistake" respecting the direction of the Araxes, hy not knowing that this name was held in common by several eastern rivers. (Comp. Rennell; Geog. of Herod., 1. pp. 270—372. and 281—393., with Heeron's Refections; Asia, ii. p. 240, §c., and Mannert, Geographte der Alten Griecken send Römer, Th. ii. b. 2)

JEAN D'ANGELY (ST.), a town of France, dép. Chiarente Inférieure, cap. arrond. on the Boutonne, which here begins to be navigable for vessels of from 30 to 40 tons, 33 m. S.E. by E. La Rochelle. Pop. (1836), 5,342. It is ill built, but clean and cheerful. It has an ancient abbey, a handsome public hall, some baths, a theatre, and other places of entertainment, and a brisk trade in wine, brandy, and timber.

JEDBURGH, a royal and parl. bor. and market town of Scotland, co. Roxburgh, of which it is the cap., in a narrow valley on the Jéd, about 2 m. above its junction with the Teviot, near the termination of the Cheviots, 40 m. S.E. Edinburgh, and 43 m. N.E. by N. Carlisle-Pop. of bor. and par., in 1811, 4,44 in 1841, 4,46 iof which the bor. had 3,277. It consists of four leading streets, which cross each other at right angles, and are wide and well bu

JENA,
of Jedburgh. The only charitable institution in the
town is a dispensary, founded in 1807; and open to the
pop, of the adjoining district.
The woollen manufacture has been introduced into
Jedburgh. The fabrics made are blankets, carpets, Bannels, hosiery, &c.: there are three mills, driven by
water, which employ 104 hands, exclusive of the stocking-weaver, who carry on their business in their own
houses. (Factory Returns, Parl. Papers, Jan. 1839.)
There is an establishment for the manufacture of printing
presses, under a patent, conducted by the inventor, Mr.
Hope, an iron founder in the bor. There are two branch
banks and a savings' bank.

The abbey of Jedburgh, belonging to the Canons Regular of St. Augustine, must, when entire, have been one
of the most magnificent ecclesiastical structures in Scotland. It exhibits different styles of architecture, according to the taste prevailing at the different periods when
it was built. The walls of the nave, central tower, and
choir, remain; and though (the two last especially)
much dilapidated, they sufficiently attest its ancient
grandeur. The N. transept, which has a beautiful
traceriod window, is entire. There are two magnificent
Norman doors in this edifice, one at the W. end, and the
other in the S. wail of the nave, close to the transept.
Indeed the ruin generally affords fine examples of the
Saxon. Norman, and early English styles, the latter being
admirably exemplified in the long range of narrow painted
windows above the arches of the middle part of the nave,
and in the blank arches of the middle part of the nave,
have disappeared. We regret to have to add, that this
noble ruin has been disfigured, and its character, in fact,
destroyed, by "fitting up the W. end of the nave in a
mont barbarous style, as the parish church." (Morton.)
Luckity, this plece of miserable patchwork is as uncomfortable as it is unseemly; so that it is to be hoped it may
be abandoned, and the ruins restored, in as far as possible,
to their former state. (For farther

James Morton.)
A monastery for gray friars was founded in this town
by the citizens, in 1513; but of it all traces have disappeared. Here may still be seen the house in which
Queen Mary lodged after her visit to the Earl of Bothwell, at Hermitage. Mary continued in it several
days, owing to a sickness she had contracted in her
unfortunate journey. The apartment which she occupled was on the third story, and is in tolerable preserv-

unfortunate journey. The spartment which she occupied was on the third story, and is in tolerable preservation.

Jedburgh was erected into a royal bor. in the 12th century: but the castle, the site of which is now occupied by the gaol and bridewell, is supposed to have been of earlier date. After having been for some time in the possession of the English, the castle was taken by the Scotch, in 1409, and demolished. Like other borderers, the citisens of Jedburgh were anciently more celebrated for their martial than for their peaceful virtues. Their favourite weapon was a partizan or halbert, known by the name of the "Jethart Jedburgh) staff." Their war-cry, or slogan, was "Jethart's here." The term "Jethart Justice," which implies execution before trial, is supposed to have originated in the many instances of lynch law, executed here on border marauders. (Scott's Border Minstrelsy, 1. 50.) The eldest son of the Marquis of Lothian, descended from the ancient border family of the Kers of Fernihirst, for centuries the feedal superiors of the bor., has the title of Lord Jedburgh. Jedburgh unites with N. Berwick, Haddington, Lauder, and Dunbar in sending a mem. to the H. of C. Reistered voters, in 1849-50, 223. Corporation revenue, 644, 1s. 4d. (Keith's Scot. Bishops, pp. 392—402.; Redunts's Border Hist.; Chalmers's Caledonia.)

JELLALABAD, or JULALABAD, a town of Affahanistan, in a fertile plain, and on the high road between Caubul and Peehawur, 80 m. E. by N. the former, and 50 m. W.N.W. the latter; lat. 340 30' N., long. 700 32' E. Sir A. Burnes says, "It is one of the filthiest places have seen in the E. It is a small town, with a bazaar of 50 shops, and a popi. of 2,000 people; but its number increases tenfold in the cold season, as the people fock to it from the surrounding hills. Julalabad is the residence of a chief of the Baruksye family, who has a revenue of about 7 lacs of rupes a year. The Caubul river passes jm. N. ong, 110 37 10° E. Pop., in 1838, 8417. (Bergásses.) The town, which is walled, and has ha

JERSEY.

The streets are wide, and some of the houses are large and well built, many being highly ornamented with rude and grotesque sculpture. The ducal palace, containing a library and museum, with a good collection of minerals and animals. I Rom. Cath. and 3 Protestant churches, 3 hospitals, a lumatic asylum, and the university-house, are the chief public buildings. It is a place of considerable eminence for literature, and the seat of a university, founded in the 17th century by the sovereign princes of the Ernestine branch of the house of Saxony, in whom the patronage and appoartment of the professors is still vested. The constitution is similar to that of other German universities; it has faculties of divinity, law, medicine, and philosophy, with 28 ordinary professors composing a sensus accessive. For examining students and conferring degrees: there are also 17 extraordinary professors, and a few privat-docenter, or private tutors. The salaries of the ordinary professors range between 80t. and 180t., which are increased by fees from pupils, each of whom pays at the rade of about 5 rtx dollars, or 15t. 6d., for the curre. The remuneration of the tutors depends wholly on the number of their pupils. The sanual expenditure of the university, including the expense of theological and other seminary school, collections, botanical garden, prizes, officers, &c., amounts to about 38,000 dollars, or nearly 6,000t, a year. A fand, also, similar to that in Göttingen, with a capital of 4,600t, is employed in pensioning the widows of professors; and an academical reflectory fund (Speid-canstal), supported by endowment and yearly grants from the grand duken of Sexe-Welmar, Coburry, and Meltiniques, furnishes that. The number of their professors; and an academical reflectory fund (Speid-canstal); supported by endowment and yearly grants from the grand duken of Sexe-Welmar, Coburg, and Meltiniques, furnishes that the number of their professors and the academic and the same time. (Journ of Edward of the same time of the same time o

clay-lists, intermingied here and there with a clay con-glomerate. Iron and manganese, the only metals that occur, are not wrought. The climate, though damp, owing to frequent rains and intense sea fogs, is remark-ably mild. "The island," says Dr. Hooper, "enjoys an early spring and a lengthened autumn, vegetation being nausly active and forward in March, and the landscape far from naked at the end of December. Spring is marked by unsteadiness of temperature and harsh variable wea-ter, with a prevalence of E. winds; and this disadvan-tage is felt particularly in May, which often fails to bring with it the expected enjoyments. March is mild, and

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October yet milder." (Observ. on the Top. Clim. and Diseases of Jerrys.) The soil in the higher parts is gritty, being composed of detritus from the rocks and sea-sand, mixed with vegetable mould; but in the valleys there is a great depth of alluvial matter, washed down by violent rains from the higher lands; and these tracts, where not swampy, are extremely fertile. The S.W. corner of the island is a mere assemblage of sandy and harren hillocks. Agriculture is backward, owing partly to the minute division of property, occasioned by the law of gavelkind, and partly to the insufficiency of rural labourers. The value of land ranges between 1304. and 1604, per acre, and rents vary from 44. 10x. to 64. 18x. according to the distance from St. Heller's. Farms average about 4 scree, few exceeding 10: the occupiers are, consequently, for the most part poor; and even if they were possessed of adequate capital, the limited size of the larms is an invincible obstacle to the introduction of an improved system of farming. Some tendency towards improvement has, however, recently manifested itself. The ponderous Jersey plough, known as the grassid guerner, though not wholy discarded, is likely soon to be supplanted by the Norfolk plough.

The rotation of crops, as applicable to the soil and climate, is pretty well understood, and absolute failows are rarely, if ever, seen. Wheat crops, cut early in Aug., produce, according to the official returns, nearly 5 qrs. per acre, and the gross yearly produce is said to amount to 13,000 qrs. of wheat and 3,200 qrs. of barley. But the culture of neither wheat, barley, nor oats, is found to be profitable, and they are therefore chiefly imported. Potatoes are raised in large quantities, the returns sometimes exceeding 60,000 lbs. per acre; but the sea-weed used as manure gives them an unpleasant flavour. Paranjas and mangel-wirsel are largely cultivated. Lucerne is highly in favour with the farmers, as it will grow on soils unit for other purposes; four crops in a year are not unusu The manure universally used in dressing the land is sca-weed or vesic, the gathering of which is restricted by the island legislature to two seasons, the middle of March and the end of July, times of great interest to the natives. On grass lands the vraic is used in its natural state; but for other purposes it is burnt. Cattle breeding is a fa-vourite and highly produbble pursuit here, and in the other Channel Islands; and the treasure highest in a Jerseyman's estimation is his cow. (Questles' Agric.

other Channel Islands; and the treasure highest in a Jerseyman's estimation is his cow. (Quester Agric. Survey.)

The Jersey cow (usually called the Alderney cow in England) materially differs from that of Guernsey, which is larger, and resembles the short-horned Devonshire breed. It has a fine, curved, tapering horn, slender nose, fine skin, and deer-like form. Its purity is maintained by breeding in and in; and in order to preserve the breed intact, the legislature has prohibited the importation of other breeds under heavy penalties I Milch cows produce daily, at an average, 10 quarts of milk, and 11b. of butter (8 quarts of the former producing 1 ib. of the latter), the yearly produce of a cow being estimated at 10t. The puries of a good cow varies from 10t. to 1bt. The butter is chiefly sent for sale to 8t. Heller's market, or exported to England; the quantity sent thither in 1830 amounted to 25,000 lbs. Sheep are little reared. The Jersey horse is a cross of the Cossack, procured through the residence of some Russian cavalry on the island in 1800: it is a strong hard-working animal; but no attention is paid to the improvement of the breed. The oyster fashery employs many of the natives; but lately it has been on the decline, owing to the competition of the French fishermen of Granville. The fishery is most active from Feb. to May, and the exports of oysters in 1835 amounted to 180,000 bushels. In the same year 1,470 dozen lobsters were sent to London from Jersey. The conger-cel and herring fishery, formerly highly productive, has been almost superseded by the deep-sea cod fishery, which employs nearly 80 vessels of 8,000 tons, and gives employment during the summer to 1,300 Jerseymen. The fish are chiefly sent to Brazil, 16,000 bursels, of 188 lbs. each, being sent thither in 1835.

The trade of Jersey has increased rapidly during the

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last 50 years, and its commercial relations, formerly confined to England and France, now extend to the chief countries of Europe, the W. Indies, and S. America. This increasing prosperity is proved by the returns of ships belonging to St. Heller's. That port, in 1817, had only 79 vessels of 8, 167 tons; whilst in 1837 (after a gradual increase) it had 244 ships of 23,826 tons, exclusive of about 500 fishing smacks, chiefly used in the oyster fisheries. Indeed, so great has been the increase of business of late years, that the erection of a new and larger pier at St. Heller's is in contemplation. The trade with England is subject to certain regulations intended to prevent contraband traffic; but every article of the growth, produce, or manufacture of Jersey is admitted into the mother country on payment of the duties imposed on similar commodities grown, produced, or manufactured here. The island receives from England, its general merchant; cotton and woollen fabrics, and hosiery, hardware and cultery, eartheware and glass, soap and candles, and about 20,000 tons of coals yearly, in exchange for which it sends apples and cider, cattle, potatoes and potato-spirit, oysters, and granite. glass, soap and candles, and about 20,000 tons of coals yearly, in exchange for which it sends apples and cider, cattle, potatoes and potato-spirit, oysters, and granite. The imports from France consist of wine and brandy (70,000 gall, of the former and 50,000 gall, of the latter), skins, fruit, and poultry, for which coals, bricks, and potatoes are sent in exchange. The island is supplied with fir and oak timber (1,400 loads of fir and 500 ditto of oak yearly) from Sweden and Norway, with hemp, linen fabrics, and tailow, from Russia, with wheat and barley (about 22,000 qrs. annually) from Prussia and Denmark, and with cheese, geneva, and tiles, from Holand; the exports to these countries chiefly consisting of coffee and sugar from Brazil, with which this island has extensive dealings, employing 20 ships of 4,000 tons, and importing thence about 600 tons of sugar, and 4,700 cwts. of coffee. The imports from Spain, Portugal, and Sicily, average yearly 70,000 gall. of wine and 100,000 gall. of brandy. The Jørsey merchants also trade with Honduras for mahogany, sent chiefly to England. The manufacturing industry of the island is almost confined to ship-building, shee-making, and hosiery. Ship-building is carried on to a considerable extent, in consequence of the timber imported into the island being building is carried on to a considerable extent, in consequence of the timber imported into the island being exempted from all duty; though, if it be proper to lay a duty on the timber employed in ship-building in Britain, it is not easy to see why timber employed for the same purpose in Jersey should be exempted from the duty. Shoe-making is pretty extensively carried on, and about 13,000 pairs of boots and shoes, chiefly of French leather, are sent annually to British N. America. The bosiery business has greatly declined, owing to the use of machine-made stockings; and the persons now employed in it depend almost entirely on the demand of the island. The communication with England is kept up by means of steamers to and from Southampton four times a week, and by mail-packets twice a week to and times a week, and by mail-packets twice a week to and from Weymouth. On the arrival of the steamers from Southampton, packets leave for St. Malo and Granville, returning on the alternate days. Traders are constantly salling to and from Loadon, Bristol, and other English

ports.

The vernacular language of the island is French, which is used in the churches and courts of law: the upper ranks speak it in its purity, but the lower classes speak Jersey-French, a pacies compounded of old Norman French with Gallicised English. English, however, is becoming daily more prevalent, and most of the country people understand and speak it. "The Jerseymen, especially the lower orders, are characterised by blunt independence, often amounting to brasonerie, excessive people understand and speak it. "The Jerseymen, especially the lower orders, are characterised by blunt independence, often amounting to brusquerie, excessive love of gain, and uneasing industry. The minute division of property prevents them from acquiring an independence, while at the same time the actual ownership of land protected by legal privileges, gives them a freedom of sentiment which no benant at will can enjoy. Their parsimony, however, is not only prejudicial to themselves, as leading them to begrudge provender to their most valuable cows, but is also injurious to others, whom they overreach in bargaining." (Inglis.) Their fare is simple and inexpensive, consisting principally of sospe-d-choux, a compound of lard, cabbage, and potatoes: conger-cet soup and pickled pork are rartite reserved for festive occasions. The chaumontelle pear is commonly eaten with tea; cider is the general substitute for beer. The higher clauses seldom give entertainments or exchange with tea; cider is the general substitute for beer. The higher clauses seldom give entertainments or exchange civilities, and are much divided by party spirit. The old parties of Magod and Charlot bave given way to the liberal Rose and the exclusive high church and state Laurel. Literature is forgotten and island politics; and even the press, so powerful an engine in England, has exacely any influence in Jersey. The English residents must be considered as a class quite distinct from the natives, with whom they have little intercourse; they amount to about 4,000, being chiefly half-pay officers with their families, attracted by the cheapness of living and the mildness of the climate.

The revenues of Jersey have greatly increased of late

years, for at an average of the three years ending with 1812, they only amounted to 4 5002 a more 1812, they only amounted to 4,600L a year, whereas, in 1836, they exceeded 14,600L, arising from licenses to tavern heepers, market-tolls, harbour-dues, duties on wine and spirits, &c. These revenues, after the current expenses of the government and the interest on the public debt (amounting in 1840 to 61,2761.) have been paid, are apof the government and the interest on the path are applied to the public works and general improvement of the island. The expense of the militia and English troops (exceeding 20,000), yearly) is defrayed by the British government, and the salaries of the governor and his officers are provided for from the great tithes of the 12 parishes. French and Spanish coins were until lately current in Jersey; but in 1832 the French government called in its old silver coins, since which time English sovereigns and silver have been commonly circulated. The exchange varies from 8 to 9 per ceut. in favour of England, so that an English shilling passes for 13d., and a sovereign for 11. 1s. 8d. Jersey currency.

Jersey and Guernsey have long enjoyed peculiar pri-

sovereigns and silver have been commonly circulated. The exchange varies from 8 to 9 per ceut. in favour of England, so that an English shilling passes for 13d., and a sovereign for 1d. 1s. 8d. Jersey currency.

Jersey and Guernsey have long enjoyed peculiar privileges granted by John and succeding monarchs. No process in either of the islands, commenced before an island magistrate, can be carried out of ft, and no person convicted of felony out of the said islands is to forfeit his inheritance in them, so as to deprive his heirs of their lawful possessions. They are exempted from the jurisdiction of the British courts, except that of the admiralty, and have an immunity from all taxes except what are voted by the island legislature.

Jersey is governed by a local legislature, and a distinct judicature under the ultimate control of the sovereign in council. The legislative assembly, called the states, consists of 36 members, viz. 12 jurats elected for life by the rate-payers of the island, the 13 rectors of the 12 pars. into which Jersey is divided, and the 12 constables of pars. chosen triennially by the parishtoners. It is convened by the bailiff, who always presides, either in person or by deputy; and its chief business is to raise money for the public service, and to pass laws for the government of the island; which, however, continue in force only 3 years, unless ratified by the sovereign in council. The governor, as the king's representative, has a exto on all the proceedings of the states, but never uses it, except in cases which concern "the special interest of the crown." The Jersey court of judicature, called the "royal court," is composed of the bailiff, who here represents the sovereign, and of the same 12 jurats who sit in the states. The officers are, the attorney-general, solicitor-general, high-heriff or viscount clerk, or grafter, and 6 pleaders appointed by the bailiff, and styled account who serverse. This court has cognisance of all pleas, suits, and actions, whether real, personal, or crimin

ing: debts contracted in Jersey are recoverable within 10 years.

The military government of the island is conducted by a lieutenant-governor, who has the custody of the for-tresses, and the command of both the regular troops and militia. The chief fortresses are Fort Regent, Elizabeth Castle, and Mt. Orgeuil Castle, all on the S. coast. The island is further defended by a chain of martello towers, reducits, and batteries, which encircle it. The militia, in which all male natives, from the age of 17 to 65, are liable to serve, comprises 6 regiments and 2,500 men, exclusive of an artillery battalion of 600 men. The regular troops in time of peace seldom exceed 300 men; but 7,000 men were quartered in the Island during last war. Since the reign of James I., the church of England has been the established religion of Jersey, which is under the ecclesizatical direction of the bishop of Winchester. Every par. has a church, and the serwhich is under the ecclesiastical direction of the bishop of Winchester. Every par. has a church, and the service is usually performed in Freuch, except at St. Heller's, where English is the language of the congregation. The Independents, Westeyans, and Espitists have chapels in which service is conducted both in Freuch and English; and there are two places of wor-

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ship for Rom. Catholica. Two free grammar schools were established in Jersey in the 18th century; but the modowments are small. Two public schools on the national system were established by subscription some years since, and are now in successful operation.

The remains of Roman fortifications and the discovery of coins belonging to the emperors, prove Jersey to have been a military station, and under the Franks it formed a part of the region called Neutria. The Normans invaded the Channel Islands in the 9th century; and when the duchy of Normandy was annexed to the crown of England at the Conquest, they came under the British dominion. The French have repostedly tried to wrest from us these islands, which, by their proximity to the coast of France, seem to be their natural property; but they have uniformly failed. The last attempt was made in 1781 by a detachment of 700 soldiers, under the Baron de Ruilecourt, who surprised and captured the garrison, but were finally compelled to escape to their vessels after a desperate encounter with the native militia under Major Pierson, in the streets of St. Heiler's. (Carserce; Inglis's Channel Islands, vol. 1. passins; Quayle's Agricultural Survey of Jersey; Geot. Transl. vol. 1.)

JERSEY (NEW), one of the U.S. of America, in the N.E. part of the Union, between lal. 38° 54' and 41° 20' N., and long, 74° and 75° 20' W.; having N. and N.E. New York; W. Pennsylvania; S.W. and S. Delaware Bay; and E. the Atlantic. Length, N. to S., 170 m.; average breacht about 40 m.: area, 6,900 sq. m. Pop. (1840), 373,306, of whom 674, were slaves. A great part of the E. shore is skirted by a chain of low islands, soultar to those on the coasts of the more southerly marintes setween them. Great Egg Harbour, Little Egg

ritime states, but with more numerous, larger, and deeper inlets between them. Great Egg Harbour, Little Egg Harbour, Baruegat, Tomsbay, Shark Inlet, and the united bays of Neversink and Shrewsbury, afford shelter to vessels of considerable burden. The S. half of the

inters between them. Great Egg Harbour, Little Egg Harbour, Barnegat, Tomsbay, Shark laiet, and the united bays of Neversink and Shrew stury, afford shelter to vesuels of considerable burden. The S. haif of the state is low, level, tandy, and in many parts barren; but N. of an imaginary line drawn between the month of the Shrewsbury river and Hordentown, about lat. 40° 10°, the surface is overspread with several hill-ranges, abounding with rich scenery; and the coast is skirted by the Neversink bitls, the only heights of any consequence in the Union near the ocean. A mounta's region rising abruptly from the hilly country, occupies the N. part of the state, which at its N. extremity comprises a portion of the Alleghany chain. The river next in importance is the Delaware, which divides this state from Pennsylvania. The other chief rivers are, the Raritan, which rises in the hilly country, wildin 5 m. of the Delaware, and falls into Amboy Bay, after a course of 70 m., 16 of which are navigable; and the Passaic and Hackimach, which fall into the small bay of Newark.

The difference of the climate of the N. and S. parts of the state is very striking. The plain country of the S. is warmer than might have been expected from its lat., the temperature approximating to that of K. Virginia, and admitting of the culture of cotton; while the winter in the N. assimilates in severity to that of the N. states. In the upper part of the state, and along the banks of the rivers, there is some good land; but the surface is in general either sandy or marshy, and it is chiefly by the unremitting industry of its inhabe, who till lately have been principally engaged in agriculture, that New Jersey has been rendered so productive as it is. Wheat, rye, barley, oats, maize, buckwheat, potatoes, &c. are cultivated; and in the higher parts of the state large hereds of black cattle and sheep are reared. In 1836, the stock of sheep was 250,000, producing 812,500 lbs. of wood, worth 410,000 doilars. Large quantities of butter and cheese of su

In 1836, there were 51 cotton-mills in the state, producing annually about 5,133,700 yards of cotton cloth. The internal communications are generally good; the Morris Cenal, 101 m. in length, by 30 to 32 ft. wide, and ft. deep, extends across the state, from Jersep city, of the Hudson, to Delaware river. The Delaware and Raritan Canal, 42 m. longs, from Bordentown to Nev Brunswick, is 7 ft. deep, and 75 ft. wide at its surface and therefore adapted to vessels of considerable burden it is connected with the Chesapeake, Delaware, and Dismal Swamp canals, and effects a continuous wateromunication between New York city and Albemark Sound. Another canal, 4 m. long, connects Salem Creek with the Delaware river; and several others have been rojected. Three railroads were completed in 1837, the principal of which, from Camden to Amboy, a distance of itm, in the N. part of the state, was finished in 1832. The second, 164 m. in length, from Paterson to Jersey city, was finished in 1834; and the third, from New Brunswick, through Newark, to the Hudson river, in 1836.

This state is divided into 14 counties: Trenton, on the In 1836, there were 51 cotton-mills in the state, pro-

This state is divided into 14 counties: Trenton, on the

This state is divided into 14 counties: Trenton, on the Delaware, is the capital and seat of government. It probably owes this rank to its central position only, since it has not above half the pop. or wealth of New Brunswick or Newark. Elizabeth, Burlington, Somerville, and Paterson, are the remaining chief towns.

The constitution framed in 1776 has continued, with little variation, to the present day. The government is vested in a legislative council of 14 mems., and a general assembly of 50 mems., all of whom are annually elected by the free white male citizens, who have resided in the state for the preceding year, and who pay taxes. The governor is also chosen annually by the joint vote of the council and assembly. The governor and council form a court of appeal and pardon. The salary of the former is 3,000 dollars, with fees. The rest of the judicial authority is vested in a supreme court, a court of chancery held at Trenton, circuit courts, and court of oper and terwiser, held in most of the cos. four times a year; and inferior courts of common pleas, which, with courts of quarter sessions of the peace, are held in the different cos. by judges chosen by the legislature, and receiving no salary. The state penitentiary at Lambertop had, in 1838, 163 prisoners. In 1837, the state had 33 bahks, with a united capital of 10,875,000 dollars. The school fund, established in 1816, had in 1838 a capital of 280,437 dollars. The college of New Jersey, established at Elizabeth Town, in 1746, has been removed to Princeton, where it occupies a spacious edifice. It has a museum and philosophical apparatus, 2 libraries, with 11,000 vols., and, in 1838, had \$40 students: in 1839, 39 periodical publications were issued in the state. A great part of the pop. are Quakers.

Quakers.

The earliest settlement of New Jersey was made by the Dutch, in 1612. Many Swedes and Danes afterwards settled in it, but the Dutch continued to pussess it until finally expelled by the English, in 1664. In 1683, it came under the jurisdiction of Penn and his associates. It took an active part in the revolutionary war, and suffered proportionally. New Jersey sends 6 mems. to congress. (Darby's Picus, &c.; Mitchelt's U. S.; American Encyclopedia; American Alm. 1834 to 1840.)

JERUSALEM (Heb. Kadushah; Gr. Kadiris by Herodotus, and 'Lyoribusan by Strabo and later writers; mod. Arab. El-Koddes), a famous later writers; mod. Arab. El-Koddes), a famous city of Palestine, interesting from its high antiquity, but far more from its intimate connection with the history of the Jews, and the eventful life of the great Founder of Christianity; 128 m. S. W. Damascus, 33 m. E. Jaffa, and 76 m. S. by E. Acre; lat. 31° 46′ 34″ N., long. 35° 31′ 34″ E. Pop., according to the official report of Mr. Consul Moore, 10,000, of whom about two thirds are Mohammedans. The pop. has been estimated by some travellers at 20,000; but it has not had so many inhab. for some years, except at Easter, by some travellers at 20,000; but it has not had so many inhab. for some years, except at Easter, when the Moslem and Christian pilgrims swell the pop. to nearly a half more than its ordinary amount. The city stands on a hill, between two small valleys, in one of which, on the W., the brook Gihon runs with a S.E. course, to join the brook Kedron, in the narrow valley of Jehoshaphat, E. of Jerusalem. The first view of the city from the W. is thus described by Robinson: — "As we approach Jerusalem, the road becomes more and more Jerusalem, the road becomes more and more rugged, and all appearance of vegetation ceases. the rocks are scantily covered with soil, the

verdure is burnt up, and there is an entire absence of animal life. A line of embattled walls, above which rose a few cupolas and minarets, suddenly presented itself to my view. I was disappointed in its general appearance; but this feeling originated not so much from the aspect of the town as from the singularity of its position, surrounded by mountains, without any cultivated land to be seen, and not on any high road."
(Pal. and Syr. i. p. 36.) The opposite view, however, from the Mount of Olives, is much more attractive, for it commands the whole of the city, and nearly every particular building, including the church of the Holy Sepulchre, the Armenian convent, the mosque of Omar, St. Stephen's gate, the round-topped houses, and the barren vacancies within its circ. (Henniker's Trav. oarren vacancies within its circ. (Henniker's Tray.)
p. 174.) The modern city, built about 300 years
ago, is entirely surrounded by walls, barely
2½ m. in circ., flanked here and there with square
towers. The four principal gates are those of
Damascus and Jaffa on the W., that of Zion on
the S., and St. Stephen's on the E. The interior
is disidual by a palmin on the E. the S., and St. Stephens on the Ze. American is divided by 2 valleys, intersecting each other at right angles into 4 hills, on which history, sacred and profane, has stamped the imperishable names of Zion, Acra, Bezetha, and Monich Zion is now the Armenian and Jewish riah. Zion is now the Armenian and Jewish quarter; Acra is better known as the lower city and Christian quarter; while the mosque of Omar, with its sacred inclosure (called by the Turks el Haram Schereef), occupies the hill of Moriah. The streets are narrow, like those of all Syrian towns; the houses, except those be-longing to the Turks, shaby, and the shops poorly supplied. Dr. E. Robinson, of the U. States, however, remarks, "that he was agreeably disappointed, and found the houses better built, and the streets cleaner, than those of Alexandria, Smyrna, or Constantinople. (Geog. Journ. ix. p. 299.) The public buildings are not numerous, and excepting those consecrated to religious worship, there are none worthy of notice. The baths also and bassars are mostly inferior to similar establishments in other parts of the E.

The boundaries of the old city, said by Pliny to be longe claristima urbium Orientis non Judaca modo (Hist. Nat. lib. v. § 13.), are so imperfectly marked, that no fact can be deduced respecting them from the elaborate researches of D'Anville, Clarke, Niebuhr, and others, save only that they varied at different periods; and that, when most extensive, at the æra of its destruction, its treble row of walls embraced a circuit of S3 stadia, including Mount Moriah, Mount Zion, Acra, Bezetha, &c. (Relandi Palestina, p. 835.) But the walls having been wholly destroyed, it is impossible to trace their exact situation. It is impossible also to describe in detail the many spots within the modern city which blind superstition or minute criticism has fixed on as the scenes of events connected with the history of the patriarchs, and the sufferings of Christ; but some places are ascertained beyond a doubt, which all travellers visit with interest, and which command universal respect. There can, for example, be no question, that the mount (Moriah) on which the mosque of Omar now

stands was once crowned with the House of the Lord, built by Solomon, at a cost and with a magnificence of which we can form no adequate idea (1 Kings, caps. vi.and vii.). This great glory Judea, after standing for above 400 years, was first rifled, and soon after destroyed by Nebuchadneszar, king of Babylon. A second temple, built on the site of the first, by the Jews, after their return from the Babylonish captivity, was so much enlarged and improved by Herod the Great, as to be little inferior to that of Solomon. Tacitus calls it, immensæ opulentiæ templum; and he truly adds, nulla intus Deum effigie, va-cuam sedem, et inania arcana. (Hist. lib. v. § 8, 9.) Notwithstanding the efforts of Titus for its preservation, this structure, the palladium of the Jewish nation, was totally destroyed during the siege of Jerusalem, A. D. 70. The mosque of Omar, which occupies this sacred site, stands on an elevated four-sided plateau, about 1,500 ft. long, and 1,000 ft. broad, supported on all sides by massive walls, built up from the lower ground. The lowest portion of these walls is supposed by Dr. Robinson to belong to the ancient temple, and to be referable to the time of Herod at least, if not of Nehemiah and Solomon. The mosque, el Sakhara, the erection of which was begun by the caliph Omar, in 637, is of an octagonal shape, surmounted by a lead-covered dome, above which is a glittering creacent. It has four entrances, one of which, towards the N., is adorned by a fine portico, supported by eight Corinthian pillars of marble. Its 48 windows are of stained glass, and the walls are faced be-low with blue and white marble, and above with glazed tiles of various colours, forming a beautiful mosaic of texts from the Koran. It is altogether a fine specimen of light and ele-gant Oriental architecture; and the building contrasts singularly with the severity of the sur-rounding scenery. The interior is not allowed to be entered except by the followers of the prophet; and Dr. Richardson, an English physician, is one of only four Christians who have been admitted within its walls. (See Robinson's Pal., vol. i. Append. p. 290.) "The arrangements," he remarks, "are so managed as to keep up the external octagonal shape. The inside of the wall is white, and without ornament; and the floor is of grey marble. A little within the W. door, is a flat polished slab of green marble, forming part of the floor, and regarded with peculiar respect by the Mohammedans; a little beyond is a series of 24 blue marble pillars supporting the roof, and inside these are 4 large square columns, forming the support of the dome, which rises about 100 ft. above the floor. The central part is railed round, a single door admitting the devotee to the sacred stone, called the *Hadir el Sakhara*, on which is shown the print of Mahomet's foot when he was translated to heaven. The whole interior is extremely beautiful, and the effect is much heightened by the blending of colours in the pillars that run round the mosque." (Richardson's Travels in the Med., &c., vol. li. p. 366.) Within the same enclosure, near its S. wall, is another mosque, of square shape, called El-Aksa. The cupola is spherical, and ornamented with arabesque paintings and gildings of great beauty. Between the mosques is a handsome marble fountain for ablutions. On the opposite side of the city, in the Latin quarter, called *Harat el Nassara*, is the church of the Holy Sepulchre, a building in the Byzantine style, erected by Helena, mother of Constantine the Great, in the centre of a court or enclosure, filled at pilgrim-

^{*} Josephus most distinctly says that the Romans left only the W. wall standing, with the towers Phaseius, Hippieus, and Harlame, and that the remainder was result to the ground. The Finlanc and that the remainder was resulted in the ground of the Finlance of a new-one of the finlance o

time with pediars of every description, especially venders of relics and rosaries. The building resembles Rom. Catholic churches in general, but is greatly inferior, notwithstanding its valuable marbles, to many of the sacred edifices in Rome. Immediately in front of the entrance, which is guarded by Moslem soldiers (who re-ceive a tax from all the pilgrims), is a slightly elevated marble slab, called the "stone of unction," on which, according to the monks, our Lord's body was laid, to be anointed by Joseph of Arimathea; and near it are 17 steps, conducting to the supposed Mount Calvary, now a handsome dome-covered apartment several ft. above the floor of the church, floored and lined with the richest Italian marbles: in the crypt beneath is a circular silver plate with an aperture in the centre, through which the arm reaches the identical hole in which the cross was fixed! The great object of interest, howvers, is the Holy Sepulcher or interest, now-ever, is the Holy Sepulcher itself, an oblong structure 15 ft. long by 10 ft. in breadth, roofed in with a handsome celling corresponding to the richness of the silver, gold, and marble deco-rating its interior: it stands directly under the great dome of the church, and is divided into two chambers, the first containing the stone on which the angel sat when he addressed the affrighted women, "Why seek ye the living among the dead? he is not here, but is risen," and the other being the sepulchre to which he pointed, saying, "Behold the place where they laid him." The inner compartment, lined with verd antique, is only large enough to allow four persons to stand by the side of a plain white marble sarcophagus of the ordinary dimensions, over which hang 7 large and 44 smaller lamps, always kept burning. Around the large circular hall, which is surrounded by a gallery supported on pillars, and roofed by a vast dome, are oratories for the Syrians, Copts, Maronites, and other sects who have not, like the Greeks, Armenians, and Roman Catholics, chapels in the body of the church. Greek chapel at the E. end of the hall is parted off by a curtain, and is incomparably the most elegant and highly decorated: the Latin chapel closely resembles those seen in Italy, and has a gallery with a fine organ: that belonging to the Armenians is in the gallery. Various parts of the church are pointed out by monks and pilgrims, as the scenes of certain events connected with the last sufferings of Christ; and to such an extent is superstition carried, that a stone is exhibited and gravely declared to be that on which our Saviour was placed, when put in the stocks! The faith, indeed, of intelligent men is most severely tested during a visit to this church: there cannot, however, be a doubt that it stands on the hill of Calvary, and it probably includes the site of the crucifixion; but there seems to be little ground for the as-sumption, that the tomb and site of the cross were so near to each other as to be inclosed by the same building. In an antichamber near the entry are several relics, the most authentic probably of which are the aword and spurs of Godfrey of Bouillon. The tombs of Godfrey and his brother Baldwin were destroyed during a fire which took place in 1808, and have not been restored, owing to the ill-will felt by the Greek Christians towards the Romish church, to which these monarchs belonged. Westward of the church just described in the Harât-el-Nassara, or Christians' Street, is the Francis-can convent of St. Salvador, called by way of distinction Il Convento della Terra Santa, a large stone building, having several courts and

gardens enclosed within a strong wall. The funds are supplied by contributions sent from Rome and other Catholic countries, and the inmates comprise from 60 to 80 monks, chiefly Italian and Spanish, by whom European strangers visiting the Holy City are hospitably entertained. The church attached to the convent is gaudily furnished with candlesticks, images, &c., and has a good organ. E. of the above stands the Greek monastery, a well supported establishment with a small subterranean church. The city castle, close to the gate of Jaffa, is supposed to have been built on the ruins of the Turris Psephina of old Jerusalem: it comprises a few towers connected by curtains, and has a few old guns mounted on broken carriages. Close by it, on the ascent to the hill of Zion, is the Armenian convent, in the best-looking district of the city, comprising within its precincts rooms sufficient to accommodate a thousand pilgrims, and a large garden: the conventual church is spacious, and most elaborately ornamented; the floor is paved in the most delicate mosaic. E. of the convent is a small Armenian chapel, marking the site of the house of Annas, the high-priest; and just outside the gate of Zion is another chapel, supposed to occupy the site of the house of Calaphas: these positions seem to be far from improbable. (Compare Joseph. Antiq. lib. xviii. c. 3. with St. John xviii. 24.)
Not a vestige remains of the ancient buildings on Mount Zion, where David built a palace, his own residence, and that of his successors, whence it was emphatically called the "City of David." Italimits are, however, well defined by the aqueduct which conveyed water from Jerusalem to Bethlehem. The hill-side is now used as a Christian burialground. N. of the city, in the district called Acra, are the ruins of Herod's palace, and about 300 yards to the S. E., near the reputed pool of Bethesda, is the residence of the mutuellim, or Turkish governor, supposed, though with little show of reason, to occupy the site of the prestorium of Pontius Pilate. It is a large straggling building, having a flat roof, which commands a complete view of the mosque of Omar: it stands in the principal street of the modern city, called by the Turks Hardt-el-Allam, and by the Christians Via Dolorosa, the monks having fixed on it as the line of route along which our Saviour was led from the hall of judg-ment to Calvary. The Jewish quarter (Hardiel-Yahoud) occupies the hollow between the hills of Zion and Moriah: it contains 7 mean and small synagogues; and the numerous private dwellings, how comfortable soever inside, have uniformly mean and ill-built exteriors, owing, it is said, to the fear of exciting among the Mohammedans any suspicion of the wealth of the despised nation. The poorer Jews are supported by charitable contributions obtained from their fellow-countrymen in Europe, especially in Germany and Spain. (Turner, it. 264.) The Turks reside on the E. side of the city all round the great inclosure of Mount Moriah. The suburbs of Jerusalem abound with interesting remains of less questionable antiquity and authenticity than most of those within the modern walls. Close to the gate of Jaffa is the pool of Gihon, near which, in a village of the same name, "Zadok the priest, and lage of the same name, "Lague use prices, and Nathan the prophet, anointed Solomon king over Israel" (1 Kings, i. 34.), and, at a later period, Hezekiah "stopped the upper watercourse of Gihon, and brought it straight down to the W. side of the city of David." (2 Chron. xxxii. 30.) S. of Mount Zion is the valley of Hinnom, in which are numerous tombs hollowed out of the

rock, and a building, once used by the Armenians as a charnel-house. The E. boundary of Jerusalem is formed by the valley of Jehosaphat, which divides it from the Mount of Olives. Proceeding up this valley, the traveller soon ar-

" Siloa's brook, that flow'd Fast by the oracle of God."

The source of these celebrated waters, which now, at least, are brackish and sulphureous, lies close under the walls of Harat-et-Schereef on Mount Moriah; but the pool is rather more than 1 m. below it. "The stream," says Mr. Robinson, "issues by an underground passage from a rock, and falls into a small basin of no great depth. It was once covered with a chapel, erected to commemorate the miraculous cure of erected to commemorate the infractious cure of the man born blind." (St. John, ix. 1—7.) The descent to the lower pool, which is remarkable for its daily ebbing and flowing, is by a flight of 90 steps, whence it has acquired the name of the "fountain of stairs." On the E. side of the brook Kedron, now a mere rivulet, running in a valley so closely pent up as to deserve the name of a mountain-gorge, especially at its N. extremity, are four sepulchres constructed, unlike most in Judea, above ground, and designated the tombs of the patriarchs: one of them is alleged to be the burial-place of Zaccharias, the son of Barachias. (See Matt. xxiii. 29. 35.) S. of these tombs, and under the shadow of the temple of Solomon, is the favourite burial-ground of the Jews, among all of whom the dearest wish is, that they may lay their bones near those of their long-buried ancestors, and be ready for the summons of Jehovah, when He "shall come up to the valley of Jehoshaphat, and there judge all the heathen round about." (Joel, iii. 12.) Further N. E. are the gardens of Gethsemane, enclosed by a wall, and still in a sort of ruined cultivation, and the Mount of Olives, a hillock covered with stunted herbage, and with patches here and there of the tree with which it was once abundantly clothed. Here every spot has its grotto and legend, and on the hill the precise place is pointed out whence the Saviour ascended to heaven. The Empress Helena built on it a monastery, which the Turks have converted into a mosque; somewhat to the N. is the Church of the Ascension, now in the hands of the Greek Christians. N. of the bridge, over the brook Kedron, and about 250 yds. from St. Stephen's Gate, is the reputed tomb of the Virgin Mary, comprising, besides several cenotaphs, a subterraneous chapel, in which lamps are kept constantly burning, and services daily celebrated according to the rites of the Greek church. Passing thence up the bank of the Kedron, and crossing the hill Bezetha, the stranger is conducted to the excavations called "the Tombs of the Kings." The road down to them is cut in the rock, and a stone doorway leads to a kind of anti-chamber, now at least, open at the top, and measuring 50 ft. in length by 40 ft. in breadth. It is ornamented by a beautifully carved cornice, and in the S.W corner a door, formed of a single stone slab, admirably adapted to its framework, and easily working on its hinges, leads into a series of chambers, round which are niches in the rock for the reception of the dead. It is very probable that these are the "royal caves as stribed by Josephus, as situated close to the N. boundary of the ancient city (see *Bell. Jud.* lib. v. c. 4.); but whether they contained the bones of the sons of David (2 Chron. xxxii, 33.) or those of Helena, queen of Adiabene (as Drs. Clarke and Pococke have supposed), is a

matter as to which no certain conclusions can be

Jerusalem, considered as a modern town, is of very slight importance. Superstition and fanaticism constitute the principal bond by which the pop., Christian, Jew, and Moslem, are held together. The Jew despises the Christian, and the follower of the prophet looks down with contempt on both; but pilgrims of each of the three creeds resort thither in such numbers as to increase the pop. nearly a half; and heavy taxes are levied on all for the benefit of the pacha. The convents are supported by wealth sent from foreign countries, and a great influx of property takes place from the thousands of annual visiters, rich and poor, so that Jerusalem draws largely on Jaffa, Damascus, Nablous, and other places; but it has no industry whatever—nothing to give it commercial importance,
—unless, indeed, we may mention a trade, now
almost wholly engrossed by the monks of the
Terra Santa convent, in shells, beads, and relies, whole cargoes of which are shipped from Jaffa for Italy, Spain, and Portugal. The shells are of mother-of-pearl sculptured, and the beads are manufactured either from date-stones or a hard kind of wood called Mecca fruit. Rosaries and amulets are also made of the black fetid limestone, and are highly valued in the East as charms sgainst the plague. (See Bowring's Report on Syria, p. 21.) The retail trade seems to be equally insignificant. "The bazaar, or street of shops," says Mr. Robinson, "is arched over, dark, and gloomy, the shops are paltry, and the merchandise exposed for sale of an inferior description. This is the only part of Jerusalem where any signs of life are shown: and even here the pulsations of the expiring city are faint and almost imperceptible, its extremities being already cold and lifeless. In the other quarters aiready cold and fieless. In the other quarters of the town you may walk about a whole day without meeting with a human creature." Well, then, may the Jews, who still indulge the hope of restoring their metropolis to its pristine greatness, lament, with the prophet Jeremiah, "From the daughter of Zion all her beauty is departed. Jerusalem hath grievously sinned; therefore, she is removed. The adversary hath spread out his hand, and the heathen hath enspread out his hand, and the healtest hand en-tered into her sanctuary. All her people sigh and seek bread: see, O Lord, and consider, for I am become vile." (Lam. i. 6—11.) Nothing, indeed, can well be conceived so vile, so degra-ding, as the mummeries enacted in the Holy City, especially during the Easter festival. The monks, who are servants of Mammon rather than of Christ, act on these occasions as showmen, and masters of the ceremonies; and even the pil-grims, who crowd to the Sepulchre in such numerinis, who crowd to the Septitation in such that bers as to make order impossible, too frequently exhibit the greatest levity and unconcern. "What a scene was before me," says Mr. Turner. "The whole church was absolutely crammed with pilgrims, men and women halloing, shouting, pilgrims, men and women hanong, shouling, singing, and violently struggling to be near the Sepulchre. One man in the contention had his right ear literally torn off." (ii. 198.) A few years ago, during the representation of the blasphemous pantomime, entitled "the Holy Fire" (intended to represent the descent of the Holy Spirit), the pressure was so intense, 6,000 persons being assembled on the ground-floor, that great numbers fainted, a general confusion ensued, and upwards of 300 were either suffocated or crushed to death. (Wilde's Narr. vol. ii. p. 212.) In fact, the whole scene is revolting to every rational and really devout Christian. Such, however, is the strength

of superstition, that a pilgrimage to Jerusalem is still regarded, in many parts, as an act of the highest merit, and as bringing with it the assurance of eternal felicity.

The local government of Jerusalem is conducted by the mutzellim, or military governor; the mula-khadi, or chief of the police; the mufti, or chief judge; the capo-verde, or superintendent of the mosque of Omar; and the subasti, or town-major; all of whom, except the mufti, hold

their appointment under the pacha of Damascus.

Jerusalem has been usually supposed to be identical with the Salem of which Melchizedek was king in the time of Abraham, anno 1913
A.c., according to Apb. Usher. When the
Israelites entered the Holy Land 500 years
afterwards, it was in the possession of the Jebusites, descendants of Canaan. Joshua, soon after his entrance into Canaan, "fought against Jerusalem, and took it, and smote it with the edge of the sword, and set the city on fire" (Judges, i. 8.); but the citadel on Mount Zion was held by the Jebusites till they were dislodged by David, who made Jerusalem the metropolis of his kingdom, and his dwelling in "the strong-hold of Zion." (2 Sam. v. 7.) He enlarged the city and built a beautiful palace: it was further embellished by his son Solomon, who in the years 1012—1004 a. c. erected the temple already referred to. Palestine was afterwards successively invaded by the Egyptians, Assy-rians, and Babylonians, the last of whom, under Nebuchadnezzar (B. c. 588,) took and destroyed the city, burnt the temple, and carried the people captive to Babylon. After a bondage of nearly 70 years the Jews were restored to their city, by Cyrus the Persian, and about anno 515 s.c. they rebuilt the temple, under the superintendence of Zerubbaal and Nehemiah. Alexander the Great is said, by Josephus, to have visited Jerusalem in peace, and to have respected the religion of the Jews; but the best critics reject this statement as inconsistent with the ascertained events in the life of Alexander, and unworthy of credit. (Ancient Universal History, viii. 596., 8vo.; Mitford's Greece, vii. 533.) Ptolemy Soter, one of Alexander's generals, seized upon Syria and Palestine. sacked the Holy City, and carried off a large portion of its inhabitants to Alexandria. a large portion of its inhabitants to Alexandria. Later monarchs of the Macedonian empire, who attempted to introduce the pagan worship, were successfully opposed by the Maccabees, and the liberty of Judæa was at length restored, anno 165 s.c. The all-absorbing power of Rome finally put a period to Jewish independence, the whole of Syria being reduced by Pompey, and made a proconsular province. This great general, who took Jerusalem after a stout resistance, entered the termile, and explored its sistance, entered the temple, and explored its inmost recesses; and it is mentioned to his honour, that he touched none of the precious relics, or of the vast wealth accumulated in the sanctuary. Victor ex illo fano nihil attigit. (Cicero pro L. Flacco, § 28.) Jerusalem, however, was merely tributary, and had not lost its nominal sovereignty (in other and prophetic words, the sceptre had not departed from Judah, nor a law-giver from between his feet until Shiloh had come, Gen. xlix. 10.) till after the birth of Christ, when it became the residence of a procurator. The repeated rebellions of the Jews at length roused the vengeance of the Romans; and, A. D. 70, the city was taken by Titus, after one of the most memorable and destructive sieges of which history has preserved any ac-count. The Jews, though rent by intestine factions, defended themselves with invincible obstinacy; they contemptuously rejected every

proposal for a surrender, and braved alike the attacks of the Romans, and the still more dread-ful attacks of famine. But their resistance was ful attacks of famine. unavailing, except for their own destruction; and the city, being taken, was completely destroyed, along with the temple — three towers only being left as memorials of its existence and destruction. left as memorials of its existence and destruction. According to Josephus, no fewer than 1,100,000 persons fell in the siege, exclusive of above 100,000 taken prisoners. But notwithstanding what has been alleged in defence of this statement by Brotier (Notæ ad lib. v. § 13. Hist. Tacisti) and others, there can be no reasonable doubt that it is crossly exasperated. The statedoubt that it is grossly exaggerated. The statement of Tacitus would seem to be infinitely more probable, though we incline to think that even it is, perhaps, beyond the mark. "Pervica-cissimus quisque illuc perfugerat; eoque sedi-tiosiùs agebant. Tres duces, totidem exercitus: prœlia, dolus, incendia inter ipsos, et magna vis frumenti ambusta. Multitudinem obsessorum, omnis atatis, virile ac muliebre secus, SEXCENTA MILLIA fuisse accepimus. Arma cunctis qui ferre possent; et plures, quam pro numero, audebant. Obstinatio viris feminisque par; ac si transferre sedes cogerentur, major vite metus quam mortis." (Hist. lib. v. c. 12. & 13.) Adrian rased the city to the ground, ploughed up a great part of the surface, and built on its site the Roman town of Ælia Capitolina. The condition of Jerusalem at this period is well described by Milman: --

ried is well described by Milliman:

Her tale of splerolour new is told and done a
Her wine-cup of festivity le split,
And all is o'er, her grandeur and her guilt.
And all is o'er, her grandeur and her guilt.
Her guilt is dina, and match her munic's voice;
The Heathen o'er her perfold'd peop rejoice!
Her gates throw o'en, her delien in their gazes
Her gates throw o'en, her delien in their gazes
Hy stealth her preschood's hely garmants worn;
Oh! long furciald, though long accomplish'd fale
Her house is left unto her desolate.

Pall of Jenus

When Christianity, in the reign of Constantine, became the established religion of the Roman empire, Jerusalem, in name at least, was restored by the zealous Helena. The idol temples were destroyed, and several churches and other buildings were erected on sites supposed to be connected with the events of Christ's history; in short, no efforts and expense were spared in the attempt to raise the pense were spared in the attempt to raise the Holy City to its rank as the metropolis of Christendom. The period of prosperity thus commenced terminated in 636, by the conquest of Omar, who made the city tributary, heavily taxed the pilgrims, and desecrated the site of the temple, by erecting on it a mosque in heavily of Mehamet in honour of Mahomet.

After being more than 400 years subject to the Arabian caliphs, Jerusalem fell into the hands of the Turks, who proved still more oppressive mas-ters than any of their predecessors. The resent-ment and sympathy of the princes and people of Christendom were awakened by Peter the hermit, and the crusades were undertaken to rescue the natives and pilgrims of Palestine, and above all the holy sepulchre, from the dominion of infidels. The Christian army reached Jerusalem in the summer of 1099. "Godfrey of Bouillon erected his standard on Mount Calvary: the time of the siege was fulfilled in forty days of calamity and anguish, during which the soldiers suffered intensely from hunger and thirst. At length, on a Friday, the day and hour of the Passion, God-frey stood victorious on the walls of Jerusalem:

* It should be acknowledged, however, that the errors of Josephus, like those of Herodotus, Biodorus, Arrism, and others, in more numbers, may, perhaps, be attributed less to the author's innecuracy that to the old-flashloned writing in MSS., in which the numeration is effected by single letters, and mistakes, though easily occurring, are detected with extreme difficulty. In general points of history and topography, Josephus's works about he considered the pade-mercan of the travelette in Falestine.

bodies produced an epidemic disease." (Gibbon xi. 84.) Saladin, 88 years afterwards, appeared in arms before Jerusalem: some feeble and hasty efforts were made for its defence, but within 14 days the banners of the prophet were erected on its walls. Saphadin, the brother of Saladin, destroyed, in 1218, all that remained of the fortifications of this devoted city, and reduced the population to a servile subjection to the Mohammedans. A series of changes sub-sequently occurred; but Jerusalem came finally into the hands of Selim in 1519, since which the Turkish flag has always floated over its sacred places. For more than three centuries its fortunes have been stationary: crowds of pilgrims fill its streets at one season of the year, creating a temporary activity, and increasing the revenues of the Turkish officers; but at all other times its condition recalls forcibly the complaint of Jeremiah: — "The city sits selitary that was full of people: she is become as a widow: she that was great among the provinces is become tributary. Her gates are desolate.
... All her beauty is departed. . . . Filthiness is in her skirts.

Among the principal authorities for this article are Richardson's Travels along the Med., ii. 221, &c.; Henniker's Travels, p. 173-198.; Clarke, iv. 288-394.; Elliot's Travels in Turkey, Clarke, Iv. 288—394.; Ettot's Travels in Turkey, ii. 416—449.; Robinson's Trav. in Pal. and Syr., ch. 5—9.; Châteaubriand, Voyage, &c., ii. 116—180.; Wilde's Narrative, ii. 180—259.; Taciti Hist., libs. v. and vi.; Josephus, passim, but particularly Jud. Bell., l. vi. and vii.; and the

JESI (an. Esisses), a town of Central Italy, papal states, deleg. Ancona, on the Flumesino (an. Esis), 16 m. W.S. W. Ancona. Pop. about 6,000. It is walled, and has a handsome main street, three large squares, a cathedral, and six other churches, many convents, a theatre, &c. It is a bishop's see. It has manufactures of silk and worsted stockings. Esium anciently bore the rank of a Roman colony. Numerous antiquities exist on the banks of the river in its neighbourhood. (Rampoldi,

the banks of the river in its neignocurnous. (namposes, Corografia, &c.)

JESSELMERE, or JAYSULMERE, a state of N.W. Hindostan, prov. Ralpootana, subsidiary to the British, and one of the five principal Rajpoot principalities, between the 25th and 28th parallels of N. lat., and the 69th and 73th of E. long. Area estimated at 10,000 sq. m. Pop., perhaps, near 200,000. (Burnes in Geog. Journ. iv. 8.) Surface uneven, and intersected with rocky hills: it is not watered by any considerable stream, has little Pop., perhaps, near 300,000. (Burner in Geog. Journ.

iv. 3.) Surface uneven, and intersected with rocky hills:
it is not watered by any considerable stream, has little
arable land, and is hardly, in truth, more productive than
the sandy desert that encompasses it. Cultivation is, consequently, very limited; and the parts which are cultivated yield only the coarser grains, which form the food
of the inhab. Irrigation is effected with great labour,
chiefly by means of very deep wells and tanks; but large
and spacious tanks occur every 2 or 3 m., and rain water
is carefully preserved, the periodical rains being scanty
and uncertain. The heat of summer is oppressive, but
the cold of winter is sufficiently great for the tanks to be
covered with ice every morning during a part of Jan.
Mineral products few; the chief are primary limestone
and lithographic stone: no metals appear to be found.
Wood is scarca. The better kind of houses are of stone;
the others mere conical grass huts. The open nature of
the country frees it from the most formidable wild animals: foxes, wolves, hyenss, and jackails, are indeed met
with, as are several kinds of antelopes, game of various
kinds, wild ducks, &c.; but the uncertainty of water
hinders both the animal and vegetable kingdom from
thriving. Jesselmere is better suited for grazing than
argiculture. but neither heards nor focks are nume. with, as are several kinds of antelopes, gaine of various stories, with ornamented windows and nationies, and are kinds, wild ducks, &c.; but the uncertainty of water hinders both the animal and vegetable kingdom from thriving. Jesselmere is better suited for grazing than agriculture; but neither herds nor flocks are numerous. The horned cattle are of medium size, and incomparing the horned cattle are of medium size, and incomparing the horned cattle are of medium size, and incomparing the horned cattle are of medium size, and incomparing the horned cattle are of medium size, and incomparing the horned cattle are of medium size, and incomparing the horned cattle are of medium size, and incomparing the horned cattle are of medium size, and incomparing the horned cattle are of the medium size and incomparing the horned cattle are of the medium size and incomparing the horned cattle are of the medium size and incomparing the horned cattle are of the medium size and incomparing the horned cattle are of the medium size, and incomparing the horned cattle are of the medium size, and incomparing the horned cattle are of the medium size, and incomparing the horned cattle are of the medium size, and incomparing the horned cattle are of the medium size and incomparing the horned cattle are of the medium size, and incomparing the horned cattle are of the medium size and incomparing the horned cattle are of the medium size, and incomparing the horned cattle are of the medium size and incomparing the horned cattle are of the medium size and incomparing the horned cattle are of the medium size, and incomparing the horned cattle are of the medium size and incomparing the horned cattle are of the medium size and incomparing the horned cattle are of the medium size and incomparing the horned cattle are of the medium size and incomparing the horned cattle are of the medium size and incomparing the horned cattle are of the medium size and incomparing the horned cattle are of the medium size and incomparing the horned cattle are of

his example was followed on every side by the emulation of valour; and about 460 years after the conquest of Omar, the Holy City was rescued from the Mohammedan yoke. A bloody sacrifice was offered to the God of the Christians: resistance might provoke, but neither age nor sex could mollify their implacable rage: they indulged themselves three days in a promiscuous massacre, and the infection of the dead bodies produced an epidemic disease." (Gibbon ki. 84.) Saladin, 88 years afterwards, appeared Sinde; the return articles of transit thence being sulphur, assafortida, rice, and tobacco. The revenues of the rajah do not amount to 2 lacs of rupees yearly, more than half of which is derived from transit duties. The remainder is made up of fines, levies, salt taxes, and the land revenue, which latter is about 1-10th or 1-11th part of the nett produce. About 1,200 rupees are derived yearly from the salt monopoly, some portion of which article is obtained in the principality; but most of it, as well as of grain, is imported from the neighbouring states. Jesselmere contains 2 towns and 84 villages; but except in its can, every where betrays the strongers marks of in its cap., every where betrays the strongest marks of

in its cap., every where Detrays are secondary proverty.

JESSELMERE, a town of N.W. Hindostan, prov. Rajpootana, cap. of the above rajahship, 120 m. W.N.W. Joudpoor; lat. 269 56' N., long. 70' 54' E. Pop. probably 20,000. (Barnes.) It is of an oval shape, about 2 m. ni circuit, and surrounded by a rampart of loose stones. At its S.W. angle is a fort built on a scarped rock about 30 or 100 h. higher than the city; and it presents a commanding appearance externally, and is in reality a place of considerable strength. It is of a triangular shape, its two longest sides, about 300 yards in length each, facing the W. and N. The only entrance is on the N. side, leading through several narrow and strong gates. The

of considerable strength. It is of a triangular snape, its two longest sides, shout 300 yards in length each, facing the W. and N. The only entrance is on the N. side, leading through several narrow and strong gates. The whole of the works are of firm substantial masonry, and comprise a vast number of towers (the natives say 175). These stud the brow of the hill on all sides, and give it a very remarkable appearance; some are as much as 40 ft. in height. This fortress is the residence of the rajah, and is supplied with water from wells 80 fathoms deep. The town is regularly iaid out, and, for an eastern city, its streets are wide. Its houses are lofty, spacious, terrace-roofed, and built entirely of a hard yellow lime-stone, sometimes elegantly carved. Some opulent merchants reside at Jesselmere, it being on the great commercial route from Malwah to the port of Kuraches. (Burner in Geog. Josen., iv. 108—118.)

JESSORE, a distr. of British India, presid and prov. Bengal, chiedy between the 23d and 24th degs. of N. lat.; and the 93th and 90th of E. long.; having N. the main stream of the Ganges, separating it from the distr. Rajeshaye; E. Ducca and Backergunge; W. Nuddes and the 24 Fergannaha, and 8. the Bay of Bengal. Length, N. to S., about 160 m.; average breadth, 22 m. Area, 5,180 sq. m. Pop. (1832) 1,183,590. It is a fast country intersected by numerous interleading branches of the Ganges; its 8. part comprises a portion of the region called the Sunderbunds; and on the shore are many excensive marshes, in which salt is largely made on government account. The soil is very fertile, and a good deal of rice is grown. Indigo, tobacco, mulberry, betel nut, and long pepper, are also raised; but a great proportion of the land is uncultivated, and covered with jungle. Chief towns, Jessore or Moorley, the residence of the Zillah authorities, Culna, and Mahnudpoor. Land revenue (1823-30), 120,9381. (Hamilton's E. I. Gaz.; Perl. Reports.)

venue (1925-60), assparent Reports.)

JEYPOOR, or JYEPORE, a city of N.W. Hindostan, prov. Rajpootana, cap. of a subsidiary state of the same name, in a barren valley, 150 m. S.W. Delhi; lat. 290 55 N., long. 75° 37' E. Pop. estimated at 60,000. This is altogether the handsomest and most regularly built city of Hindostan. It is surrounded by a battlemented wall of grey stone, flanked with towers, and defended or commanded by a citatel and a line of forts on the adjacent heights. a few hundred feet in elevation. Jyepore is laid commanded by actitatel and a line of forts on the adjacent beights, a few hundred feet in elevation. Jepore is laid out, like most modern European and American cities, in regularly square blocks of housea. A main street, 2 m. long, and about 40 yards broad, traverses it W. to E., and is crossed at right angles by four others of equal width, though much shorter. At the points of intersection are spacious market-places; and there are two good squares, which, like the principal streets, are crowded with shops. The great thoroughfares are, however, disfigured by hovels, platforms, and stalls, erected along the centre of them, which detract greatly from their appearance. by hovels, platforms, and stalls, erected along the control of them, which detract greatly from their appearance. The houses are generally 2 stories high, but some are 3 or 4 stories, with ornamented windows and balconies, and are a control of the control of th

part of the city; a shock and account of it may be been in the Mol. True. 1. Cit. S. depoor has nonerous larger dimensions than are to be found in any other city of Dyner Hindesian. (Ether, Redisca, in Intell. 1998).

JRYLUM, JELUM, or BEHUT (co. Hindesia, in the State of the S

papers.
On the opposite bank of the river is the little town of Carleton, under the municipal government of St. John's,

(See minus.) (Durby 3 rees of the U. Siece; in Gregor's Brit. Amer., &c.)

John's (87.), a town of the island of Newfoundland, of which it is the cap., on its S.E. coast. Lat. 470 32 N., long. 550 29 W. Pop. of the town and its electoral district, comprising [2,413 acres (1836), 18,936, being about 1-4th part of the total pop. of the colony. It stands at the inner end of an excellent lans.

90 JOHNSTON.

bour, the narrow entrance to which has 12 fathoms water in the centre of the channel. It is protected by several strong batteries and forts, and a light-house is constructed on a rock at the N. side of its entrance. The town extends along nearly the whole N. side of the port. It consists mostly of one main street, about 1 mile in length, and from 40 to 50 ft. broad, from which, at almost every step, stages, called fish-fishes, project into the sea. There are some good stone and brick houses, and other handsome buildings, erected principally since the great fires that devastated St. John's in 1816 and 1817; but most part of the town is built of wood, and, with all its improvements, it still bears the aspect of a mere fishing station.

with all its improvements, it still bears the aspect of a mere fishing station.
"In time of war, St. John's is a place of great importance. There are a great number of shops, and a still greater number of public houses, in proportion to its size, in this than in most towns. Commodities were formerly dear; at present, shop goods are as low as in any town in America; and fresh meat, poultry, and vegetables, though not so cheap as on the continent, are not unreasonably dear.
"The pop. of St. John's fluctuates so frequently, that it is very difficult to state its numbers, even at any one period. Sometimes, during the fishing season, the town appears full of inhabitants; at others it seems half deserted. At one time, they depart for the seal fishery; at another to different cod-fishing stations. In the fall of the year, the fishermen arrive from all quarters to settle their accounts with the merchants, and procure supplies

another to different cod-fishing stations. In the fall of the year, the fishermen arrive from all quarters to settle their accounts with the merchants, and procure supplies for the winter. At this period St. John's is crowded with people; swarms of whom depart for Prince Edward Island, Nova Scotia, and Cape Breton to procure a livelihood in those places, among the farmers, during winter. Many of them never return again to the fisheries, but remain in those colonies; or often, if they have relations in the U. States, and sometimes when they have not, find their way thither.

"Society in St. John's, particularly when we consider its great want of permanency, is in a much more respectable condition than might be expected; and the morals and social habits of the inhab. are very different from the description of Lieutenant Chappell, who represents the principal inhab. as having risen from the lowest fishermen, and the rest composed of turbulent Irishmen, both alike destitute of literature. The fishermen, who are principally Irishmen, are by no means altogether destitute of education: there are few of them but can read and write; and they are, in general, neither turbulent nor immoral. That they soon become in Newfoundland, as well as in all the other colonies, very different people to what they were before they left Ireland, is very certain. The cause is obvious; they are more comfortable, and they work cheerfully. When, after a flahing season of almost incredible fatigue and hardship, they return to St. John's, and meet their friends and acquaintances, they indulge, it is true, in idleness for a flahing season of almost incredible fatigue and hardship, they return to St. John's, and meet their friends and acquaintances, they indulge, it is true, in a place where rum is as cheap as beer in England." (M'Gregor's Brittish America.)

now (1840) they are estimated at upwards of 7,000. The place was formerly called "the Brig o'Johnston," from a bridge over the river in the immediate vicinity. It is built on a regular plan, and lighted with gas. There are two squares, besides numerous streets, and public works. The houses are, for the most part, of good mason-work, two and three stories in height. To each house is attached an adequate extent of garden ground. It has an established church, and various dissenting places of worship. In its immediate neighbourhood is Johnston Castle, the residence of Mr. Houston, lord of the manor. There are excellent grammar and English the manor. There are excellent grammar and English schools; two reading-rooms, three public libraries, several printing presse; various booksellers, lawyers, medical practitioners, &c. The civil polity of the town is managed by a committee elected annually by the feuars. A monthly justice of peace court is held in the assemble rooms.

is managed by a committee electica amously recurs. A monthly justice of peace court is held in the assembly rooms.

Johnston is chieff distinguished for its manufactures. It had, in 1839, 15 cotton mills, employing in all 1,455 persons, of whom 694 were between 9 and 18 years old. This is exclusive of mills at Eldersile, Linwood, and other places in the immediate vicinity. With we slight exceptions, the mills are all propelled by water. There are, besides, in Johnston, two brass and two from foundries, on an extensive scale; with five machine manufactories, employing 120 individuals, as well as various minor branches of industry. The Glasgow and Ardrossan Canal, projected in 1806, has been completed only from Glasgow to Johnston. It was on this canal that light iron boats, or gig-boats, for the rapid conveyance of passengers, were first (1831) tried and established. The Glasgow, Paisley, Kilmanock, and Ayr Railway passes Johnston; so that this village enjoys every advantage in the way of internal intercourse. Near Johnston are four collieries. (Factory Reports; Fowler's Com. Direct. for Renyreushire; pr. 201—203.)

101GENV (an Lowinlacum), a town of France, dep.

New Stat. Acc. of Scotland, a new rewesser, pr. 203.)

JOIGNY (an. Joviniacum), a town of France, dep. Yonne, cap. arrond., on the Yonne, 15 m. N.W. by N. Auxerre. Pop. (1836), 4,700. A handsome quay runs along the bank of the river, above which the town rises on a steep declivity, crowned with the remains of an ancient castle. Joigny is surrounded with old walls, and entered by 6 gates; it has 2 suburbs, with one of which it is connected by a handsome stone bridge of 6 arches across the Yonne. The streets are narrow, steep, and

entered by 6 gates; if has 2 suburbs, with one of which it is connected by a handsome stone bridge of 6 arches across the Yonne. The streets are narrow, steep, and inconvenient; but some of the houses are good. It has a cathedral built in the 15th century, 2 other Gothic churches, cavalry barracks, &c., with vinegar and other factories. (Hugo, ar. Yonne.)

JORDAN (Arab. Sheriat-el-Kebir), a river of Palestine famous in sacred history; it rises in lat. 320 35' N., long. 330 36' E., a few miles N. of Banias (the an. Cararae Philippe), in a small pool formerly called Phiala, on the W. slope of Djebel-es-Shelkh, the Antilibense or Mount Hermons of antiquity. After a S. course of about 40 m., during which it crosses the fenny Bahr-el-Hool (an. L. Merom), it opens into the lake Tabariah or Gemacsarck, close to the ancient town of Bethsalda. At the S. end of this fine sheet of water (15 m. long, and about 7 broad), on and near which occurred so many striking scenes in the history of Christ, the Jordan enters a narrow pent-up valley called el-Ghor, and after running through it with a tortuous southerly course of about 90 m., empties its waters into the Dead Sea, its entire length being about 150 m. The discoveries of Burckhardt in the Wady-el-Araby, which he traced completely up from the Red Sea to the lake Asphalities, have led to the supposition that before the volcanic movement which so altered the surface, this river had a continuous course down this valley to the gulph of Akabah (see Dara Sea) surprised that they do so, especially in a place where rum is as cheap as beer in England." (MGrgor's Brit. America.)

Fort Townshend, on a steep height above the town, was formerly the residence of the governor; but a new edifice has been recently built for this purpose, on so extravagant a scale, that it is said to have cost 80,000. The custom-house, church, and other public buildings present nothing remarkable. A Lancastrian school, with a government endowment of 100% a year, was attended, in 1886, by 216 boys; a girls' school with 600 pupils, chiefy supported by voluntary subscriptions to the amount of about 80%. a year; and various other amount of about 80% a year; and various other amount of about 80% a year; and various other amount of about 150 m. The discoveries of Burckhardt in the Wady-el-Araby, which he traced completely prome the R. Catholics, and this is the see of a R. Catholic bishop. It is a good deal agitated by party contentions. In 1886, 110 vossels, of the aggregate burden of 9,200 tons, were fitted out, at St. John's, for the seal fishery. Agriculture is scarcely pursued at all in the neighbour tons, were fitted out, at St. John's, for the seal fishery. Agriculture is scarcely pursued at all in the neighbour tons, were fitted out, at St. John's, for the seal fishery. Agriculture is scarcely pursued at all in the neighbour tons which, indeed, they are mostly imported. (For the import which, indeed, they are mostly imported. (For the import and export trade of St. John's, &c., see New Foundance). The breadth and trapidity of the stream work were fitted out, at St. John's, &c., see New Foundance of 9,000 to 7,00s. wide, and and this correct season. The foods occur in Feb and March, and at that season, when which, indeed, they are mostly imported. (For the import with the scriptural Jabbok (see DAIN STON). A manufacturing town of Scotland, any other place in Scotland: the ground on which in the variety seasons it is low, and has a company other place in Scotland: the ground on which in the int upper and dry channel has been passed. Lord Lindsay says:—"The river is concealed till you are close upon it, by dense thickets of trees, reeds, and bushes, the pride of Jordan' (Zech. xl. 3.), growing luxuriantly to the very water's edge. The lions, hippopotami, &c. (Jer. xlix. 19.), that formerly haunted these thickets are extinct; but wild boars are still found there." "The nightingales," says the same writer, "sung in the cool, starlight night from the trees; and the scene altogether was most delightful." (Travels in Egypt, and the Hoty Land, vol. it. p. 65.)

extinct; but wild boars are still found there." In a nightingslas," says the same writer, "sung in the cool, starlight night from the trees; and the scene altogether was most delightful." (Travels in Egypt, and the Holy Lend, vol. ii. p. 55.)

The water is described by Robinson as being rather warm than cold, of a white sulphureous colour, but free from any taste or smell. On analysis, however, it proves to be strikingly dissimilar to that of the Dead Sea; for white the latter contains \(\frac{1}{2}\) part of its weight of saits, the former has only 1-300th part of the proportion of solid matter contained in the water of the lake. (See Dr. Marcet, Phil. Trans. for 1807.)

The Jordan has been the scene of many events in which biblical scholars must be deeply interested. This river valley was the dwelling of Lot, who "pitched his tents towards Sodom," the men whereof "were wicked, and sinners before the Lord exceedingly. Here the four kings, persecuted by the five powerful princes close to the Sait (or Dead) Sea, fought, and regained their liberty; and the power of the latter was afterwards destroyed by divine Interference. (Comp. Gen. xiv. 1—12, with xiz. 94—26.) At a later, but still very early historical period, when the clans of israel were returning, after an absence of four centuries, to the possessions of Abraham, the great shelth of a nation that was yet only in the nomal state, the ark by command of Jehovah, was carried by the priests before the people into the stream, and "the waters which came down from above, stood and rose up upon an heap; and those that came down towards the sea of the plain, even the Sait Sea, failed, and were cut off; and the people passed over right against Jericho." (Josh, iii, 14—16.) It is said that the prophets Elljah and Eliaha afterwards divided its waters to prove their divine mission, and the special fact that "the spirit of Elijah doth rest on Elisha." (3 Kings, ii.) In Christian times, it has been celebrated as the stream in which Jesus Christ received from John the ba

JORULLO, JURUYO, or XURULLO, an active volcano of Mexico, state of Valladolld, in an extensive plain 70 m. S.S.W. the city of that name, and 80 m. from the Pacific; remarkable not only for its extent, but as being the only volcano of any consequence that has originated in New Spain since its conquest by Europeans. Its origin was, perhaps, one of the most tremendous and extraordinary phenomena that has ever been witnessed; for in one night there issued from the earth a volcano 1,500 ft. high, surrounded by more than 2,000 apertures, which still continue to emit smoke. Humboldt, who visited Jorullo, describes its appearance and formation nearly as follows: —"A vast plain extends from the hills of Aguasarco, to near the villages of Teipa and Petatian, from 2,460 to 2,524 ft. above the level of the sea. In the midst of a tract of ground, in which porphyry, with a base of greenstone, predominates, basaltic cones appear, the summits of which are crowned with evergreen oaks, small pain trees, &c., their beautiful vegetation forming a singular contrast with the ardity of the plain, laid waste by volcanic fire. Till the middle of the 18th century, fields cultivated with sugar-cane and indigo occupied the extent of ground between the rivers Cultamba and San Pedro. From June 1759, hollow subterranean noise, accompanied by frequent earthquakes, succeeded on another for from 50 to 60 days. At length, in the night between the 38th and 38th of Sept., a tract of ground from 8 to 4 sq. m. in extent, which goes by the name of Malpays, rose up in the shape of a bladder. The bounds of this convulsion are still distinguishable in the fractured strata. The Malpays, near its edges, is only 39 ft. above the old level of the plain called the Playss de Joradlo; but the convexity of the ground thus thrown up increases progressively towards the centre to an elevation of 524 ft.

Flames were now seen to issue forth, it is said, for an extent of more than a sq. league; fragments of burning rocks were thrown up to prodigious heights; and, through a thick cloud of sabes, illumined by volcanic fire, the softened surface of the earth was seen to swell up like an agitated sea. The rivers of Cultamba and San Pedro precipitated themselves into the burning chasms. Thousands of small cones, from 6 to 9 ft. in height, called by the natives hornitos (ovens), issued forth from the Mahapays; from each of which a thick vapour ascends to the height of from 20 to 50 ft. In many of them a subterraneous noise is heard, which appears to announce the proximity of a fluid in ebullition. In the midst of the ovens, six large masses, elevated from 1,312 to 1,640 ft. each above the old level of the plains, spring up from a chasm, the direction of which is from N.N.W. to S. S. E. The most elevated of those enormous masses, the great volcano of Jorullo, bears some resemblance in shape to the Psys of Auvergne, in France. It is continually burning, and has thrown up from the N. dide an immense quantity of scorfield and basaltic lavas, containing fragments of primitive rocks. These great cruptions of the contral volcano continued till Feb. 1760. In the following years they became gradually less frequent; but the plains of Jorullo, even at a great distance from the scene of the explosion, were long uninhabitable, from the excessive heat which prevailed in them."

The Cultamba and San Pedro totally disappeared on the occasion shove mentioned; but two new streams are now seen bursting through the argillaceous vault of the hornitos, having the appearance of mineral waters, in which the thermometer rises to 1905 Fahr. The Indians give these streams the names of the former rivers, because, in several parts of the Malpays, great masses of water, with which they are supposed to be continuous, are heard to run in a direction from E. to W., as but Cultamba and San Pedro did originally. Jorullo is situated in the great volcanic

about the same breadth. Area estimated at 70,000 sq. m. Pop. uncertain.

Joudpoor and Jeaselmere (which see), may be taken as pretry fair types of the several Rajpoot states of N. W. India; the former being, however, the most extensive and valuable of any, and the latter the least so. The wealth of Joudpoor has been much undervalued; and it has been erroneously considered as a portion of the eandy desert. Its exports in wheat are considerable; the soil is favourable to many other kinds of grain; and fix central parts are highly productive. The country consists generally of open plains; the hills being almost confined to the S. The soil is not arid (as in Jesselmere, Bicanere, &c.); but is almost every where watered by torrents, and affinents of the Loonee or Salt river. This river rises in Ajmere, and flows through the centre of Joudpoor to enter the Runn of Cutch. Its waters are distributed over the adjacent wheat lands, which extend along its banks from Ajmere to the Runn, by means of earth aqueducts, sometimes a mile in length. The fields are surrounded with dykes to prevent the egress of the water; and being thus irrigated, Joudpoor produces heavy crops of harley, bafree, jouance, and other kinds of grain. Neither the climate nor soil is favourable to the poppy; but an inferior kind of opium is grown in the E., where it is an article of large consumption and export. Tobacco is produced in some parts; but not in a sufficient quantity to supersed the necessity of importing it from Gujrat. Cotton is an important article of produce. Marwar is celebrated for its camela, which may be purchased in every village, at from 50 to 50 rupees each, and which have contributed greatly to the commerciau importance of the state, by facilitating the conveyance of almost every kind of goods. Goats, sheep, and hogs are numerous; mutton is good, but the wool is not so much prixed as that of the poorer countries. (Jesselmere, 3c.) Salt is a very important article of produce. Large tracts are impregnated with the countries of the

JOUDPOOR.

times from 4 to 5 ft. deep, is left. The commerce of Joudpoor is extensive; its great emporium being Pallee, about 40 m. 8. E. of the cap. This town is the entrepot between the W. coast and Upper India, and the channel by which the Maiwah opium is exported to China and W. Asia. The chief trade of Pallee is in opium, and for six years, preceding 1834, the exports were never less than 1,500 camel loads, and oftener 2,000. A camel carries 10 manuals of 40 seers, and the Pallee manud exceeds that of Bombay, which would give an annual export of from 20 to 24 thousand maunds. The opium is sent by land to Kurachee in Sinde, a distance of 500 m., whence it is shipped to Damaun. The expenses of this journey are very great, as exorbitant transit duties are claimed by the rajahs of Joudpoor, Jesselmere, and other states, through which the opium passes. The Joudpoor government alone demands 50 rupees per camel load! It is customary with the Pallee merchants to consign their opium to contractors, who agree to deliver it safe at Damaun, uninjured by weather, plunder, or otherwise; on the receipt of 300 rupees for each camel load. Marwar exports wheat of superior quality to Ajmere, Bicanere, &c.; and has most extensive dealings in salt, with which it supplies the upper provs. of Bengal, and, indeed, all parts of Upper India. It insports from Sinde, by its return camels, rice, assafettida, suiphur, &c.; from Lahore, Cashmere shawis; from Delhi and Jeypore, metals, woollen and cotton cloths, and sugar. From Cutch it receives spiese, eccoa-nuts, coffee, dates, &c.; ivory from Africa, and European goods from Bonbay. Its commercial importance has risen wholly within the last 70 years. The inhab, are chiefly Rhatore Rajpoots, a handsome and brave race of men of the purest castes; the rajah is of this tribe, and being considered its legitimate head, has a paramount influence far beyond the limits of his own territory. Bhats, Chunars, and Jauts, the last of whom are the cultivators, comprise most of the data of the supper

capabilities for becoming a flourishing city. Its climate is delightful, though the temp. rises sometimes to 169° F.; but, owing to the latter circumstance, the grape ripens exceedingly well, and very good wine is made. The territory round San Juan, besides being highly productive, has the advantage of being free from the incursions of the indians, and some years ago a British agricultural colony was about to be established there. The prov. San Juan produces wheat, barley, maize, olives, figs, pasturage, garden vegetables, and all the fruits of the temperate zone in great luxuriance; and in times of scarcity, corn has been sent from San Juan to Buence Ayres, a distance of above 1,000 m. This, however, can

preserve answer under ordinary circumstances, from the great expense attending the land carriage; but it is different with its wines and brandles, which, after all charges, may be sold in most of the provs. of the interior, and even at Buenos Ayres, at a fair profit. They are in general demand among the lower classes, and the quantity exported to other parts of the Republic is little short of that sent from Mendoza. The mountain ranges in the neighbourhood of San Juan yield fine statuary marble, gypsum, sulphur, alum rock, and copperas, and the earth in its vicinity is strongly impregnated with sulphate of soda, which is extracted by washing for medical purposes. (Miers, Chile et La Plata, i. 239—243.; Barish. Burnon Syre, 315—317.)

JUAN-FERNANDEZ, a group comprising two chief and several smaller islands in the S. Pacific Ocean, about 400 m. W. of the coast of Chili: lat. 23° 40° 8., long. 79° W. The largest of these islands, and the only one inhabited, is called Mass-a-tierra, to distinguish it from Mas-a-fuera, a lofty volcanic rock, about 90 m. W. it is from 10 to 12 m. long, and about 6 m. broad, its area being nearly 70 sq. m. The coast line is very irregular, with frequent bays and headlands; and the chief harbours are Fort English, on the S. side, visited by Anson in 1741; Port Juan, on the W.; and Cumberland Bay, on the N. side of the island. Its northern half is a lofty basaltic formation, intersected with narrow, but fruitfull and well-wooded valleys; while to the S. the land, though less elevated, is rocky and barren. The fig and vine flourish on the hill sides, and among the larger trees are the sandal, cork, and a species of palm called Casica, bearing a rich fruit. Goats are found in a wild state, and on the rocky shores are seals and walruses: sha are plentiful, especially cod. The island is very subject to earthquakes, two of which ivis. in 1731 and 1835) are described as having done great damage. In the earthquake of 1835, an eruption burst through the sea about a mille from the land, where th

day, and flames were seen at night. (Geog. Josen., vi. 1.)

Juan-Fernandez (which is popularly applied only to the island of Mas-a-tierra) was discovered by a Spanish navigator, who gave to it his own name, and formed an establishment, which was afterwards abandoned. The buccaneers of the 17th century made it a place of resort during their cruises on the coast of Peru; and more recently it was the solitary dwelling, during four years, of a Scotchman, called Alexander Selkirk, whose adventures are supposed to have given rise to De Foe's inimitable novel of Robinson Crusco. In 1750, the Spanish government formed a settlement, and built a fort; which, however, with the town, was all but destroyed by an earthquake in the following year. They were rebuilt somewhat further from the shore; and were still inhabited, and in good order, when Carteret visited the island in 1767, but they were soon after abandoned. (Bid. iv. 2.) The Chilian government established a penal colony here in 1819; but this has been discontinued, on account of its expense. The island has lately been taken on lease from the Chilian government by an enterprising American, who has brought thither about 150 families of Tahittans, with the intention of cultivating the land, rearing cattle, and so improving the port of Cumberland Bay, that it may become the resort of whalers, and other vessels navigating the Pacific Ocean. (Bid.; Dict. Géog., gc.)

JUANPORE, a distr. of British India, prov. Allaba-

may become the resort of whaters, and ution is remarked to the series of
JUGGERNAUT (Jaggaman'ha, "the lord of the world"), a town and celebrated temple of Hindostan, the latter being one of the chief places of Hindos pilgrim-JUGGERNAUT (Jaggessat & the lord of the world"), a town and celebrated temple of Hindostan, the latter being one of the chief places of Hindos plagrimage, and, according to Hamilton, the most sacred of all the religious establishments of the natives of India. The town stands on the sea coast of the distr. of Cuttack, presid. Bengal, prov. Orissa, beside a branch of the Mahanudda, 45 m. S. Cuttack, and 260 m. S. W. Calcutta; lat. 19º 49' N., long. 85° 54' R. It contains nearly 5,000 houses, with 30,000 inhab. It is for the most part mean and dirty, consisting of low brick buildings, with here and there large sersis and some bindsome residences. The chief street is wholly composed of religious edifices, interspersed with plantations; and at its S. end stands the great temple of the divinity or idol. This structure is imposing only from its immensity; its execution is rude and inelegant, and its form unpleasing to the eye. It is built of coarse red granite, and was completed in 1108, at a cost of from 40 to 50 lacs of rupees (400,0004 to 500,0007). The establishment of which it forms a part comprises about 50 temples dedicated to various delites, within a nearly square area inclosed by a stone wail 24 ft. high, and measuring 676 ft. in length on two of its defentance to this area is on the E. side, from which a broad flight of 22 steep leads to a terrace raised about 55 ft., and inclosed by a second wall 445 ft. square. On this terrace is the first apartment, called the Bhog Mandap, a building 60 ft. square, in which the great idol is worshipped during the bathing festival; and in a line, and connected with it by a low portico, is the antichamber opening into the great bower or sanctuary. This tower rises to 180 ft. above the area on which it is raised, or rather more than 300 ft. above the ground, and forms a valuable landmark to mariners on this dangerous coast. Its ground plan is 28 ft. square within the building; it shape is conical, its walls are externally covered with stone statues in relief, and its roof i perous coast. Its ground plan is 28 ft. square within the building; its shape is conical, its walls are externally covered with stone statues in relief, and its roof is ornamented with representations of monsters of various kinds. Little pains, however, appear to have been taken in the sculpture of these decorations, and of late the emple has had an outer coating of chessams or mortar, while its figures have been daubed with red paint: within this sanctuary, seated on their thrones, are the rude statues of three of the most revered deities of flinds faith — Juggenaut or Vishnu, his brother Balarams or Mahadeo, and his sister Subhadra or Kali; the temple being devoted to all three, though particularly to the first. Adjacent to this edifice are two other temples, much smaller, and of a pyramidal form. The E. gate of entrance to the outer inclosure is flanked by colossal figures of lions or griffins in a sitting posture, and porters of Hindo mythology. In front of it is a column, remarkable for its light and elegant appearance, composed of a single block of dark basatt, 40 ft. high and 8 in diameter, supporting a sitting figure of the god Huniman. This pillar was brought thither from the half ruined black pagoda of Kanarak (which see), less than a century since. On the N. E. side of the temple is the collection of beingalows forming the European station.

All the land within a distance of 30 m. from the pagoda is accounted holy by the Hindoos, and is held reat-free by the cultivators and others persons deriving their substances from the establishment, are said to amount to 3,000 families I exclusive of 400 families of cooks, to prepare the holy food so much sought after by pilgrims.

"The provisions, &c., furnished daily for the skul and the statement of the said and the page are cautiously shut during this presentation, and none but a few personal servants of the id

of the 18th century a place of importance, and the cap. of resting on a sort of pedestal. They are painted white, an indep. sovereignty. It was annexed to the Mogul empire by Akbar, under whom was built its magnifecent bridge over the Goompty, which is now in perfect preservation, and is one of the finest works of the kind in India. A stone fort, a mosque of great beauty, and a number of ruined edifices and monuments, attest the former greatness of Juanpore. The modern town is wholly built of mud; it is, however, the residence of the collector, judge, and other chief British authorities of the district. (Hamsiltons, 1805, 1780, 480.) the two brothers have arms projecting forward, horizontally, from the ears: the sister is without arms. These monstrous figures may, in general, be seen daily, and are publicly exposed twice a year; when Juggernant and his brother, after undergoing certain abilitions, essume the form of Ganesa, the elephant-headed god, a transformation effected by means of a mask. Thus dressed, they are placed on the high terrace, overlooking the outer wall of the temple, surrounded by crowds of priests, who fan them to drive away the files, whilst the multitude below gaze in stupid admiration. But the grand festival, or rat'h icara, takes place in March, when the sun has entered Aries. This has been described as follows, by a British eye-witness, for some years resident at Poorl, Juggernaut. "Three large rat'hs, or cars of wood, are prepared for the occasion, of which, the first (intended for Jagganat'ha) has 16 wheels, each 6 ft. in diameter; the platform, to receive the idol, is 26 ft. squars, and the whole car is fully 16 ft. from the ground. The wood-work is ornamented with images of different idols, and painted, and the car has a lofty dome covered with English woollens of the most gaudy colours, bought at the import warehouse in Calcutta; a large wooden image is placed on one side as a charioteer, and several wooden horses are suspended in front of the car with their legs in the air. (An exact model of the car of Juggernaut, about 3 ft. square and 4 ft. in height, exists in the museum of the Royal Asiatic Society.) Six strong cables are fastened to the rat's, by which it is dragged on its Journey. The concourse of pligrims is always very great, and a load shout from the multitude announces the supposed and the other later, and Subhadra, are placed upon two separate rat'bs, like that of Jaggannat'ha, except being a little smaller, the one having only its marker, and subhadra, are placed upon two separate rat'bs, like that of Jaggannat'ha, except being a little smaller, the one having only its presented by the priests and

subsistence failing by the way, devote themselves (in fact they can do nothing else) to death by starvation. An unfounded clamour was long raised in England against the government of British India for promoting idolatry, as it was said, by continuing to exact taxes on the pilgrims to Juggernaut, Gaya, and other places, as had previously been done by the native sovereigns. But the levy of taxes on pilgrims seems rather an odd way of promoting idolatry! However, in deference to the well-intentioned, though absurd, misrepresentations propagated in England on the subject, these taxes have been repealed, to the great satisfaction of the "idolaters." The number of pilgrims to this and other shrines has since greatly increased; and the natives are extremely well pleased by this act of liberality on the part of government. It may be right to mention, that no part of the pilgrim-tax ever came into the general funds of the government, but was wholly laid out on the repair of roads, and the maintenance of a proper police as the different places of pilgrimage. (See Astatic Researches, vols. viii. X. Xv.; Trax. of the Royal Astat. Soc., vol. iii.; Hamilton's Hindosten and E. I. Gaz.; Astatic Journal, \$c.)

JULIERS (Germ. Jülich), a town of Rhenish Prussia, cap. circle, on the Roër, a tributary of the Mases, 23 m. W. Cologne, and 16 m. N. E. Aix.la-Chapelle. Pop. 3130. It has a strong citatel, 3 churches, a fine old town-hall, circle court of justice, police court, high school, &c., and manufactures of woollen cloth, leather, and vinegar.

school, &c., and manufactures of woollen cloth, leather, and vinegar.

Juliers is believed to be identical with Juliacum, in Antonine's Itinerary. After the extinction of the Roman dominion, it became the property of independent counts of the Germanic empire, who were created dukes by the emperor Charles IV., in 1336. The family of the dukes of Juliers becoming extinct in 1605, the town was taken by the prince Maurice of Nassau in the following year; in 1622 it was taken by the Spaniards, who held it till 1659, in 1794 it was taken by the French, who afterwards made it the eap. of the dep. Roër. The former duchy of Juliers is the most W. portion of the Prussian dom., and is remarkable for its fertility, and its linen manufacture. (Dict. Geog.; Schreiber; Berghaus.)

JUMBOSEER, a town of British India, presid. Bombay, distr. Baroach, on a river of the same name, 25 m. N.N.W. Baruach. In 1820, it had upwards of 10,000 clabab. It carries on a considerable trade with Bombay, to which it sends cotton, grain, oil, and piece goods. (Hamilton's E. I. Gaz.)

JUMILLA, a town of Spain, prov. Murcia, 36 m. N. W. W. Murcia, and 75 m. S. S.W. Valencia. Pop., according to Midano, 8,267. It is situated on the S. slope of a hill, at the summit of which is a castle commanding the town; the public buildings comprise 3 churches.

of a mil, as the summer of which is a scatter commanding the town; streets straight and of moderate width, but not paved: the public buildings comprise 2 churches, 2 convents, a public granary, and an hospital. The town contains about 30 oil and corn milis, 2 soap manufactories, and an establishment for making fire-arms: the salt-pans being under the direction of government camped be in a prosperous condition. A consider arms: the salt-pans being under the direction of government, cannot be in a prosperous condition. A considerable fair is held here, Dec. 2. The climate, though not so genial as in neighbouring towns situated at a less elevation, is, on the whole, salubrious; and corn and fruit are abundant. Grazing, however, is the principal pursuit of the people in and near the town; and Miffano states that, at an average, 35,000 head of sheep and goats are pastured on the surrounding hills.

Jumilla was taken from the Moors, who, having founded or rebuilt it graze it its present name, by a lige of Ar.

Jumilia was taken from the Moors, who, having founded or rebuilt it, gave it its present name, by a king of Arragon: it was again taken from Arragon by henry of Trastamare, who made it subject to the crown of Castile. (Missos, Dict. Glogs, see Muscla.)

JUMNA (Sanser. Yamuna, the Jomanes of Pliny), a river of Hindostan, and the chief tributary of the Gauges. It rises on the S. W. side of the great Himalays range, about lat. 30° 55' N., and long. 78° 24' E.; and has been traced to an elevation of about 11,200 ft. above the sea, at the foot of an abrupt mountain nearly 4,000 ft. higher. Over the wall of this mountain falls a streamlet, probably caused by the melting of the snows on the summit, and which appears to be the true source of the river. For some miles the Jumna proceeds through a glen no more than about 40 yards in width at its bottom, and bounded by mural precipiese of grantte many thousand feet in height. The stream is here concealed by a thick bed of frozen snow, which arches over the course of the feet in height. The stream is here concealed by a thick bed of forzen snow, which arches over the course of the river beneath, supported by the shelving walls of the ravine. About half a mile below the point to which the Jumna has been traced, is Jumnetri, a celebrated place of pilgrimage and ablution with the Hindons. At this spot are numerous hot ferrugineus springs, some of which rises in the rocky wall 10 or 12 ft. above the bed of the river; and having meited the snow for 20 or 20 yards round, nix with the waters of the Jumna, rendering them sensibly warm. Some of the springs are hot enough to boil rice, their temperature having been found as high as 194.79 Fah., or near the point at which water is converted into steam at that elevation,

about 10,840 ft. above the sea. Before arriving at them, the Jumna is only about 3 ft. in width and a few inches deep; but these, causing a continual melting of the snow, contribute greatly to augment its supply of water. About 50 m. below its source, the Tonse unites with the Jumna; and though double the size of the latter, takes its name. From this point to Delhi the river flows generally in a S. direction; it thenceforward gradually declines to the S.E. Throughout its whole course it usually runs parallel to the Ganges, the tract between the two rivers, called the Doad, varying from 20 to 80 m. in width. At its emerging from the hilly region, about lat. 33° 15′, the bed of the Jumna, which is 1,000 yards broad, is full in the rains, though in the dry season the river is not more than 100 yards across. It is not usually very deep, being fordable in several places above Agra; in its progress through the prov. of Delhi it divides into various branches, inclosing large islands. It joins the Ganges at Allahabad, where its breadth is fully equal to that of the latter river. Its entire length is estimated at 780 m. It receives no tributaries of any consequence in the upper part of its course; but in the lower, the Chumbul, Sind, Betwah, and Cane, join it from the S., and the Rinde from the N. Delhi, Agra, Allahabad, Etaweh, and Kalpee, are on its banks. From its shallowness, the Jumna is little serviceable to commerce, and its waters in the great plain of the upper provs. are so impregnated with natron, that vegetation is rather hindered than promoted by its inundations. The country to the W. of Delhi is, however, fertilized by the cannol of All Mordan Khan, cut from it immediately after its leaving the bills; and the upper proving the principal stations in the British territories for the culture of the allk. **Mordan Agrae, Goso sq. and 88° E.; having N. the distr. Beerbhoom, E. Burdwan, S. Hooghly and Midnapore, and

report of the circuit judge in [815, that no instance of gang-robbery or arson had occurred during the previous six months, and in India, where a country furnishes few materials for history, it may be presumed to be going on tolerably well." (Hamilton's E. I. Gas.) Total land revenue (1828-30), 44,942.

JURA, a frontier dep. of France, region of the E., formerly included in Franche Comté, between lat. 469 [6] and 470 [8] N., and long. 59 [9] and 69 [28] E., having N. Haute Saone, E. Doubs and a part of Switzerland, S. Ain, and W. Saone-et-Loire and Côte d'Or. Length, N. W. to S. E., 70 m. Area, 456,930 hectares. Pop. (1836), 315,335. More than two thirds of the surface, principally in the S. and E., is covered with mountain ranges belonging to the Jura system, the principal summit of which, the Reculet, 5,633 ft. high, is in this dep. Rivers numerous: the chief are the Doubs and Ain. There are several small lakes, and in the N.W. some large marshes. In the plains the atmosphere is moist and heavy, while in the mountains it is dry, and the winters long and severe. In 1834, the arable lands were estimated at 183,113 hectares; meadows at 50,817; vineyards at 21,097; forests at 115,614; heaths, wastes, &c., at 79,000 do. According to Hugo, Tagriculture des cipartement paralit awast perfectionate qu'elle peut être. Sufficient corn is grown for home consumption, chiefly wheat, barley, maize, and oats. In 1835, the crop of potatoes was estimated at 719,000 hectol. Upwards of 400,000 hectol. of wine are produced annually, some of which is very good. The mountains afford excellent pasture, on which many black cattle are fed; and châlets are established on them, as in Switzerland. The butter and cheese of the dep. are much esteemed. In 1830, the horned cattle amounted to nearly 156,000 head: sheep are much less numerous. Horses and mules are extensively bred; and hogs, poultry, and bees, are also very plentiful. In 1835, of 12,241 properties subject to the contribution fonciere, 61,337 were assessed at less than 5 fr., a

manufactures. Watches and trinkets are made at Mores, and ivory, bone, horn, marble, and wooden articles are sent all over Europe from the turning establishments of St. Claude. Jura is divided into 4 arroad: chief towns, Lons-le-Saulnier, the cap., Dôle, Poligny, and St. Claude. It sends 4 mems. to the ch. of dep. Number of electors (1838-39), 1,136. Total public revenue (1830, 7,382,947 fr. (Hage, art. Jura; Prench Official Tables, &c.)

Number of electors (1838-39), 1,156. Total public reveaus (1830), 728347 fr. (Hago, art. Jura; Prench Official Tables, 9c.)

Jona Mouvrains, a chain of central Europe, usually classed with the Alpine system, and including the mountains of W. Switzerland, and those between the Lake of Geneva, the Rhone, the Saone, and the Doube. The range commonly thus designated has a length of about 180 m., with an average breadth of 30 m., commencing S. on the banks of the Rhone, the Arrival of about 180 m., with an average breadth of 30 m., commencing S. on the banks of the Rhone, and running N.B. to the junction of the Rhine and Aar; but connected mountains of analogous composition run N. through Sushia and Franconia, and S.W. along the right bank of the Rhone to the vicinity of Narbonne, so that the Jura range, in its most extended sense, has a length of about 600 m. The Swiss Jura, of which alone any notice will here be given, consists of several long parallel chains, enclosing narrow longitudinal valleys, such as the Val de Joux (in which is the mountain-lake of the same name, 3,360 ft. above the sea), the Val Travers, the Val de Ruz, and the valleys of the Valserine, Doubs, Birs, and other rivers. Transverse valleys, similar to those in the main Alpine system, are of rare occurrence, and the range throws off only one lateral spur, viz. the chain of Mount Jorat, passing between the lakes of Geneva and Neuchâtel, and joining the Bernese Alpa. The slope is rapid on the Swiss side, but more gentle towards Prance; and the ridge, as seen from a distance, presents a regular undulating line with rounded domestic summits, contrasting strongly with the abrupt craga and towering peaks of the Alps. The chain sinks, as it advances N.: the culminating point, te Recutet, is 5,633 ft. helph, and 8 others rise above 5,000 ft.: the roads across the ridge have an elevation varying from 3,600 to 2,500 ft. shove the sea. Snow lies on the highest ground about like summita, contrasting strongly with the abrupt crags and towering peaks of the Alps. The chain sinks, as it advances N.: the culminating point, it Reculet, is 5,533 ft. high, and 8 others rise above 5,000 ft.: the roads across the ridge have an elevation varying from 3,500 to 2,500 ft. shove the sea. Snow lies on the highest ground about 7 months in the year, and there are no glaciers. The geological constitution of the Jura mountains, which has been described at length by Von Buch, Boué, and also by different writers in the Geological Transactions (London), is limestone of the collitic series. The strata comprise most of the varieties lying between the liss and the compact limestone, answering to the Portland stone of English geologists; and the beds are thrown up at high elevations, thus causing the formation of those longitudinal valleys which are a characteristic feature of the Jura. On the S.E. slopes, and, as Lyell observes, exactly opposite the principal openings by which great rivers descend from the Alps, lle numerous "erratic" blocks of extraordinary magnitude. How these granite fragments came to their present situation is wholly matter of conjecture; but if it be true, as Lyell supposes, that the limestone layers of the Jura were upraised by some internal commotion, it is not improbable that these boulders were detached from the Alpine summita, and transported to lower platforms, which have been subsequently elevated. (Princ. of Geol., vol. iii., p. 494.) The vegetation of the Jura nearly resembles that of the Alps: box-trees are very abundant on the N.W. side, and the hills near Poligny are covered with first, the timester of which furnishes materials for the industry of the pop, during the winter months, and is also a considerable article of trade with the surrounding districts. Many of the villagers, also, on the mountain sides, and in the valleys, are employed in making watch-movements, which find a ready market at Geneva and other towns in which the watch trade is extensively pursued. (Pragu

form the principal articles of export. Hogs are so very plentiful, that Jutland has been called "the land of bacon and rye bread!" Fish very abundant in the flords or inlets of the sea. Minerals and manufactures unimportant. Principal towns, Aalborg, Aarhous, Wyborg, &c.

K.

K.

KAFFA, or THEODOSIA, a sea-port town of European Russia, on the S.E. coast of the Crimea, ist. 450-127 N., long. 350-237 37" E. Pop. 7,350. It is believed to stand on the site of the ancient Theodosia, founded by Milesian colonists in remote antiquity. The Athenians carried on a great trade with this city, importing from it vast quantities of corn, with slaves, lumber, and naval stores, hides, and honey. After undergoing many revolutions, it fell, in the 12th century, into the possession of the Gencese, who rebuilt it, and made it the chief seat of their power during the lengthened period of their ascendancy in the Black Sea. In 1475 it was taken by the Turks; but it continued, down to its conquest by the Russians, to be a large, populous town. It, however, suffered severely from this event, partly in consequence of the devastations committed by the Russian soldlery, and partly through the emigration of its Tartar inhab. Latterly, however, it has begun to revive; though, owing to the superior advantages emjoyed by Kertsch as an enstrepts for the trade of the sea of Asoff, it does not seem very probable that Kaffa will sever recover her former importance. The road, or bay of Kaffa is very extensive, and capable of accommodating a great number of vessels. It has deep water throughout; the holding ground is good; and, with the exception of the E., it is sheltered from all winds. (Higgenesistron the Trade of the Black Sea, p. 64, &c., Eng. Trans. Rever's Satling Directions for the Black Sea, &c.).

KAIRA, a distr. of British India, presid. Bombay;

Purdy's Salling Derections for the above the control of the contro

village system, and the assessment is realised without difficulty. Total amount of land revenue (1818-19), 175.8734.

KAIRA, a town of Hindostan, cap. of the above collectorate, 113 m. N.N. W. Surat; lat. 22° 47° N., long 72° 48° E. It is a neat town, surrounded by bastioned ramparts and walls in good repair. Its streets are narrow, but tolerably clean, and its houses are solid, lofty, and adorned with a great deal of carving. Its chief public buildings are the district court-house, a handsome Grecian edifice, a large and secure prison, a church, an English school, and, near the centre of the town, a large Jain temple. The cantonment of Kaira, about 1½ m. distant, is, unfortunately (like many of the settlements in India founded by the British), in a very unhealthy situation; but it is extensive and well laid out, with good barracks, an hospital, a regimental school, and a tolerable English library.

KAIRWAN, or KEERWAN, a large city of N. Africa, at present the chief source of Mohammedan bigotry in that country, regency Tunis, 85 m. 8. from the ety of Tunis; lat. 33° 36° N., long 35° 57° E. Pop. estimated, but on no good authority, at \$50,000. It is situated in a barren sandy plain, and is surrounded by a low wall: the public buildings comprise a large citadel and several mosques, two of which are extremely magnificent, supported, as Shaw affirms, by an almost incredible number of pillars. "(Travist, p. 116.) The houses are clean and respectable; and the streets wide, and ornamented with columns, capitals, and highly raised Cufic inscriptions. It is regarded as the second town the regency; and its Kadee, or governor, may be said to be almost independent of the Bey of Tunis. He fixes the price of provisions, which are said to be, though certainy not on account of his interference, a half cheaper than at Tunis; but, with all his influence, he cannot so far overrule the bigotry of the inhabs. as to ensure a good reception to the Christian traveller, who, if he venture within the walls, must take on himself all the Europeans have derived a large portion of their know-ledge of Arabic literature; but of its present claims to

* For an account of the trade of the Athenians with this emporius see Clarke's Connection of Roman, Faglish, and Earen Coins, p. 55.

such distinction we have no information, as the extreme jealousy of the people shuts out all local inquiry.

Kairwan is supposed by Shaw to occupy the site of the vicus Augusti in Antonine's literary; but, notwithstanding the deference due to so great an authority, this supposition is contested by Temple and others, apparently on pretty good grounds. The present city was invaded by the general of the Ommiyade, khalif Moawyad i. In 802, the governor of W. Africa threw off his allegiance to the khaliph, declared himself independent, and established his capital at Kairwan. In 909, the seat of government was transferred to Cairo, since which its importance, though still considerable, has materially declined. (Shaw's Twatels; Temple's Excursions, vol. ii. p. 92—96.)

KAISARIAH (an. Maszaca, and afterwards Casarea). a town of Asiatic Turkey, prov. Karamania, sandjiak of its own name, on the Karasa (an. Milas), a tributary of the Euphrates, 140 m. E. N. E. Konleh, and 135 m. S. E. Angora, lat. 38° 49° N., long. 35° 20° 20° E. Pop. according to Kinneir, about 25,000, of whom 2,000 are Armenians, Greeks, and Jews. It is situated on the E. side of a fertile plain of great length, and in a recess formed between two spurs projecting from the lofty, snow-covered Mount Erdjisk, the Argeus of antiquity. The houses, though built of stone and brick, have a mean appearance, and the streets are said to be the filthlest in Turkey. It is surrounded by a wall now in ruins, and in the suburb are some interesting remains of a Roman city. Several mosques, one Greek and two Armenian churches, a convent, and some mausoleums, are the ckefe public buildings. Kaisariah is the emporium of an extensive trade, and the resort of merchants from all parts of Asia Minor and Syria, who come to purchase cotton cultivated in the vicinity in great quantities, and sold either in a raw state or when manufactured into cloth. Cotton thread and cloth constitute the chief articles of industry; and there are some tanneries of yellow Morocco leather. The land

very meaning weight to the offal, &c. left in the streets to us cay and infect the air.

Maraca, the anc. cap. of Cappadocia, took the nam of Caesarea in honour of Tiberius. Its antiquity attested by Strabo, who also gives an excellent description. tion of the neighbouring mountain. It was the residence of the kings of Cappadocia previously to its being annexed to the Roman empire, after which it continued to into the Roman empire, after which it continued to increase in size and beauty. An amphitheatre and many temples were erected; and in the reign of Valerian, when Shapoor I. king of Persia pillaged the city, and massacred its inhabe, it is said to have had a pop. of 400,000 persons, though this is most probably far beyond the mark. (Gibon, i. 49). Its dimensions were contracted by Justinian, who rebuilt the walls: it was raised to the dignity of an apostolic see, and gave birth to St. Basil. Having been destroyed by an earthquake, it was afterwards rebuilt, and by turns became subject to the sultan of Iconium, the princes of Karaman, and the grand seignior. (Kimser's Asia Minor, p. 99—106; Grog. Journ., vol. vill.; Dict. Glog., &c.).

KAISABIAH, a ruined town and sea-port of Palestine. (Sec CMAREA.)

(See CREAREA.)

KAISARIAH, a ruined town and see-port of Paisetine. (Sec Casarea.)

KALISZ, a city of Poland, and the most westerly in the Russian dominions, cap. palat. of the same name, on an island in the Prosna, immediately within the Russian frontier, 128 m. W. S. W. Warsaw, and 70 m. S.E. Posen. Pop. estimated at 15,000, of whom 2,500 are Jews. This is one of the finest cities in the kingdom. It is surrounded by old walls flahked with towers, and entered by five gates; and has a citadel founded by Cassimir the Great. Its streets are broad and well paved, and several are planted with trees: its houses are generally good. The most remarkable public edifices are the former palace of the volvodes, now occupied by the courts of law, the cathedral, church of St. Nicholas, and the Lutheran church. Besides the cathedral, there are five R. Catholic dymnasium or lyceum, with a fine library, and large scientific collections, a military school with 300 students, several superior female seminaries, elementary schools, attended by about 300 children of both sexes, a school of midwifery, &c. (Horscheiman's Sicies, 1.701.) schools, attended by about 300 children of both sexes, a school of midwifery, &c. (Horschehnan's Stein, 1. 701.) It has also a theatre, a house of charity, and three hospitals. Kalisz is a town of some industry, having manufactures of linen and woollen cloths, and leather. A fine road leads to Opatowek, a village about 6 m. distant B. S. E., celebrated for its large manufacture of woollens, and its gardens, which form the favourite resort of the inhab. of Kalisz. This city was founded about 653, and was long the residence of the dukes of Great Poland. Near it, in 1706, the Poles totally defeated the Sweles; and in Sep. 1835, a grand military muster and

review took place at Kalisz, attended by the sovereigns of Russia, Austria, and Prussia. (Matte-Brum; Tableau de la Pologne; Balbi; Stein.)

KALPEE, or CALPEE, a large and populous town of British India, presid. and prov. Agra, on the S. bank of the Jumna, 45 m. S.W. Cawnpore. It is a place of considerable trade, being an entrepot for the transport of cotton from the S.W. of India to the Gangetic provs.; and has also manufactures of sugar-candy, pa-

per, &c.

KALUGA, a government of Russia in Europe, near its centre; chiefly between lat. 53° 30′ and 55° 30′ N., and long. 33° 40′ and 37° E., having W. the gov. of Smolensk, N. the laster and Moscow, E. Tula, and S. Orel. Area, according to Kœppen, II.470 sq. m. Pop. in 1846, 1,006,400. Surface an alm-st uninterrupted plain. watered by numerous rivers, of which the Oka and its tributaries are the principal. Climate tolerably mild for the lat. Soil mostly either aandy or hard clay, and not fertile. Forests occupy more than half the surface. Arabie lands rather more than 2-5ths; but a good deal of manure is required to render the latter even moderately productive; and the agricultural produce is not Arabic lands rather more than 2-3ths; but a good deal of manure is required to render the latter even moderately productive; and the agricultural produce is not adequate to the consumption of the inhabitants. Rye is principally grown; but oats, wheat, and barley, are also cultivated; as are hemp and flax. Cattle not numerous, and but little valued; but there are in the gov. 2 extensive studs for the breeding of superior horses. The fisheries are insignificant; little game is met with. Bog-iron is found, but in no great quantity, and a good deal has to be imported to supply the various iron works. This government being so little suitable for agriculture, the attention of its inhabitants has been naturally turned towards manufacturing industry; in this respect, Kaluga ranks immediately after the governments of Moscow and Vladimir. In 1830, 18,600 workmen were employed in distilleries and manufacture of sail cloth, linen and cotton goods, leather, soap, candles, and hardware. The manufacture of beet-root sugar has been lately introduced. Nearly all the peasants' families ware. The manufacture of beet-root sugar has been lately introduced. Nearly all the peasants' families employ a considerable portion of their time in weaving. Many of the merchants in this government are opulent, and some have commercial transactions with foreign countries, through Archangel. The chief exports are oils, spirits, potash, honey, linen, sail-cloth, and other manufactured goods. The chief commercial towns are Kaluga, and Borofak. The inhabitants are nearly all of the Russian stock. Kaluga is divided into 11 districts, and is under the same military governor with Tula. Its scholastic institutions are under the university of Moscow, but they are extremely deficient; and it has only one printing press, which is the property of the crown 1 Kaluga, a town of Russia in Burope, cap. of the above gov., on the Oka, near where it suddenly turns eastward, 105 m. S. B. Moscow. Lat. 340 30° 27" N.; long. 36° 17' 12" E. Pop. 28,660. (Schwitzler.) Though comprising no more than about 3,900 house, it is said to occupy a space of 10 versts, or little short of 7 m. in circ., The control of the country of

long. 36° 17' 12" E. Pop. 23,660. (Schaftzler.) Though comprising no more than about 3,600 houses, it is said to occupy a space of 10 versts, or little short of 7 m. in circ., and is divided into 3 quarters by the Oka and its tributary the Kaloujeka. It is an iil built town, with marrow, crooked, and ill-paved streets, and wooden houses. There are, however, some good public edifices, as the high church, government-house, town-hall, and theatre. Of the 24 churches, 23 are of stone; a convent, also a stone building, gymnasium, seminary for poor children of noble birth, foundling asylum, several work-houses and hospitals, and a house of correction, are the most important manufacturing and commercial towns in the empire: it has 5 sail-cloth factories employing 400 weavers, and 1,000 spinners, between 30 and 40 oil factories, numerous tan-yards, some sugar-refineries, and manufactures of woollen cloth, cotton fabrics, hair, appor-hangings, carthenware, son, vitrol, &c. Besides carrying on an extensive internal trade, its merchants make large exports of lamb-skins, Russia leather, and wax, to Dantzic, Breslau, Berlin, and Leipsic. (Schwiczler, La Russics, pp. 133—185.; Possart, Russicad, pp. 517—590.)

KAMINIETZ (Polish Remaine Redalch) a town of

wax, to Danisic, pressau, perun, and Lepan. The Russic, pp. 133—138.; Passart, Russicand, pp. 517—590.)

KAMINIETZ (Polish, Kaminice Podolski), a town of Russian Poland, gov. Podolla, of which it is the cap., on the Smotryes, about 12 m. from its junction with the Dneistr, 215 m. S.E. Kief, and 300 m. N.W. Odessa; lat 49° 49° N°, long, 27° 1'20° E. Pop., in 1830, according to an official document, 15,599; but this is probably much exaggerated: in 1832 it had only 600 houses and 8,000 inhab., many of whom were Jews. It is irregularly laid out, with narrow streets, and wooden houses. It has, however, some conspicuous edifices of stone and other solid materials; including the cathedral, dedicated to St. Peter and St. Paul, a Gothic building containing 15 altars and a nave, supported by 150 columns. Near it is a column supporting a statue of the Saviour. The church of the Dominicans, originally constructed of wood, in 1360, was rebuilt in stone after the expulsion of the Turks in the 18th century. There are in all 5 R. Catholic, and 4 Greek churches, and 1

KAMTSC.

Armenian church, a fine edifice, completed in 1767. The R. Catholics have several convents. The other chief public buildings are the government library, circle school, and new gymnashum, commenced in 1837.

The town was formerly walled, but its works were leveled, by order of the Russian government, in 1812.* It is, however, still defended by a citadel and another fortress. The former, situated on a steep isolated rock overlooking the town, might be made impregnable, but it is commanded by some more lofty adjacent heights. Kaninise was however, for a lengthened period, the principal bulwark of Poland on the side of Turkey. It was founded by the sone of Olgherd, in 1831, after that prince had wrested Podolia from the Tartars. It was soon after fortified, and in 1874 attained the rank of a city. It ressuined attached to Poland till its final capture by the Russians in 1793, except from 1672 to 1699, during which it was in the possession of the Turks. (Schmitzler, La Russie, pp. 803, 501.; Possart, Das Kaiserth. Russi., p. 873.

k was in the possession of the Turks. (Schnitzler, La Russie, pp. 800, 501.; Possert, Das Kaiserth. Russi., p. 872.)

KAMTSCHATKA, a large peninsula at the N.E. extremity of Aria, forming a part of the Russian gov. of Irkutak, and bounded N. by the country of the Tchuktchi, E. by the Aleutian archipelago, and W. by the sea of Okhotsk. It lies between the bist and 62d parallels of N. ist., and the 166th and 167th deg. of E. long.; has a length of about 800 m., and a breadth varying from 100 to 500 m., the area being very loosely estimated at 80,000 sq. m. Supposed pop. only 5,000, of whom about 1,500 sq. Russiana. The coast line on the W. side is tolerably regular, the Gulph of Penginsky, at its N. end, forming the only considerable exception; but on the E. side are several extensive bays, enclosed respectively between the capes Chipunsky, Kroonotsky, Kamtschatka, Ozernoy, and Otstorsky, the last of which is near the N.E. end of the peninsula: C. Lopatka (lat. 51° 0° 18" R.), long. 1572° 13" E.) is the S. extremity of Kamtschatka. The coast, generally speaking, is abrupt and rocky, especially on the E. side, and the peninsula, when viewed from the sea, presents the appearance of a barren and desolate rock; but in the interior there are plains of considerable extent, having a soil well adapted for tillage. The high lands, which cower about two thirds of the entire surface, consist of a chain of volcanic mountains, running in a S. S. W. direction. Many volcanos in this chain have been ascertained by Erman and Lutké to be in a high state of action; and it seems very probable that, geologically considered, they form only one extremity of a great volcanic belt, continued through the Kurile and Japanese islands, Formosa, and the islands of the E. Indian archipelago.

The following statements are drawn up from the ob-

islands, FOTMORS, and the pelage.

The following statements are drawn up from the observations of the naturalists in Commodore Lutké's expedition, in 1827-30, and of Prof. Erman, who visited Kamtschatka in 1839. In the main range running N. from C. Lopatka, 13 summits, with craters and hot springs, have been observed within the 5ist and 56th parallels, one other beight being isolated, and lying W. of railels, one other beight being isolated, and lying W. of the principal chain. The elevation of 9 summits has been accurately measured, and appears to be as follows:—

8,340 ft. 6,546 8,760 11,120 A vatcha Korista

Kronotsky -Klutchewsky -Tořbachin -Chevelutch -

The most active are Assatchinsky, Avatcha, and Klutchewsky. The scorize and ashes thrown from the first, in 1828, were carried as far as Petropaulowsky, 120 versts 1928, were carried as far as Petropaulowsky, 120 versts distant; and it appears to be more or less in continual activity. In 1827 there was a violent eruption of Mount Avatcha, during which, besides lava and stones, a very large quantity of water was ejected; a phenomena remarked also by Humboldt in the volcano of Karkuariso, a little N. of Chimborazo, in the Colombian Andes, and known to have occurred, though in a less degree, during the eruptions of Etna and Vesuvius. At the summit is a crater several hundred yards in circ., formed by a wall 20 ft. high, composed of porphyry, felspar, and trachte; and on the E. side, at an elevation of about 5,000 ft., is another crater, now extinct, and similar both in origin and on the E. side, at an elevation of about 5,000 ft., is another crater, now extinct, and similar both in origin and appearance to the Somma of Mount Veauvius. Klutchewsky, which, in common with six others, continually emits smoke, was during the last century in very violent action, sometimes for a year or two at a time, sending forth vitrified stones, lava, pumice, and water: after having been comparatively quiet for about 40 years, it broke out again during Erman's visit in 1829. It presents a large hase, swelling in an ellintic curve, and sents a large base, swelling in an elliptic curre, and crowned by four cones: its geological components are trachyte, Labrador felspar, obsidian, and lava, and on its sides are numerous thermal springs of high temperature. Indeed, the general formation of Kamitschatka is of ig. neous origin, comprising porphyry, jasper, felspar, schist, trachyte, dolomite, &c.; the W. side, however, is composed of Neptunian, secondary, and tertiary rocks, among

which may be distinguished various beds of lignites, sandstone, iron-sand, and chalk, in the last of which are found large quantities of yellow amber: fossell shells in great variety have been discovered in all the secondary and tertiary formations of this interesting peninsula. The shape of Kamtschatka precludes the possibility of there being any extensive rivers; and, accordingly, those met with resemble torrents more than rivers, being either nearly dry, or flooded and rapid: the Kamtschatka river, however, is alleged to be capable of admitting vessels of 100 tons about 150 m. up the stream.

The severity of the climate, though considerable, has been greatly exagerasted. The average temperature in the middle of winter is about 16º Réaum.; that of summer is about 70; but the difference seems greater, owing to the prevalence of raw piercing winds, and thick fogs. Still, if any judgment may be formed from the health of the inhabs., it cannot be unwholeome; for they are robust and long-lived, and there are few diseases, except small-pox, syphilis, &c. introduced by the Russians, who also corrupted the pop. by familiarising them with the use of ardent spirits. (See Dobet'is Transcix, vol. i. p. 87.) The vegetation is generally considered to be very limited; but the limits are prescribed by man rather than by nature. Bye, barley, potatoes, cabbages, turnips, hemp and fax, with several other plants peculiar to the country, may be ralsed successfully, with moderate attention; but the people are, with few exceptions, devoted to hunting, able to live on game and dried fish, and extremely loath to engage in the more civilising, though less exciting pursuit of agriculture, the first attention; but the people are, with few exceptions, devoted to hunting, able to live on game and dried fish, and extremely foath to engage in the more civilising, though less exciting pursuit of agriculture, the first attention; but the people or of the part of the country, and a kind of apricot or plum. The forest trees comprise the birch,

apprehend the insecurity of property, and want the chief motive for improving the natural resources of the country: labour is confined to the supply of merely temporary necessities, domestic comforts are little known or

cry: is nour is connect to the supply of merely temporary necessities, domestic comforts are little known or cared for, and affluence is scarcely ever attained even by the most provident and laborlous. Furs and dried fish are exported from Petropaulowsky, chiefy by the Russians and Dutch, who bring in exchange rice, flour, coffee, sagar, brandy, and whisky.

The natives, comprising the two tribes of the Kamtschatdales and Koriaks, who differ more in mode of life than in physical conformation, are of low stature, but stout and broad in the shoulders, with large heads, flat and broad laces, prominent cheek-bones, thin lips, lank black hair, and eyes deeply sunk in the head. Their features seem to identify them with the Mongolian race, to which they are certainly more closely allied than to the Esquimaux, with whom Cochrane and Langdorff have erroneously classed them. The Kamtschatdales are described by Dobell as being shy and averse to strangers, but at the same time intelligent, and fully capable of improvement, if endeavours were made to instruct them in the arts of civilised life. Honesty, openness of character, and extreme hospitality, are preinstruct them in the arts of civilised life. Honesty, openness of character, and extreme hospitality, are prevailing features among them; but it has been remarked by more than one traveller, that their morals have been much debased by the introduction of feions from Siberia, and the quartering of Russian troops at Petropaulowsky: drunkenness has since that period been an increasing evil, and now threatens to be as destructive to the Kamtschatdales as to the Indian tribes of N. America. Their employment, when not arricultural, is hunting Kamtschatdaies as to the indian tribes of N. America. Their employment, when not agricultural, is hunting and fishing. They live in fixed habitations; but their dwellings are low, comfortiess, and extremely filthy, sunk in the ground in the winter months, and raised on posts during summer, to facilitate the curing of fish.

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[#] Balbi (1837) says they have been since re-

which is hung up on lines to dry. In travelling they use dogs instead of horses. These animals somewhat resemble the English shepherd-dog, are extremely intelligent, and endure an almost incredible degree of labour and privation. They are fed during the winter, when they are principally used, on offal and decayed fish, and in the summer are allowed to roam abroad, and shift for themselves. Few Kamtschatdales have less than six, and some upwards of twenty, the whole number of dogs being estimated at 3,000. When used for draught they are harnessed, two and two to a sledge, one particularly well trained being placed in front as leader. The sledge is in the shape of an oblong basket about 3 ft. long, and raised 3 ft. from the ground: the driver usually sits sideways, like a lady on horseback, and urges the dogs by throwing at them a stick, which he afterwards catches with great dexterity. Occasionally parties travel in company; "and then," says Dobell, "the eagerness and impatience of the dogs, and the rivalry of the kyoorskits, or drivers, are worthy to be compared with the exertions of the high-blooded coursers of Newmarket; nor does the management and driving of the dogs require much less skill and attention than are needed in the latter case, to arrive at perfection, and gain the palm of victory." The Koriaks, who inhabit the N. part of the peninsula, a wandering tribe, subsist on the produce of their herds of rein-deer, which they also use to draw their sledges. The number of Koriaks is unknown, and they are not included in the estimates of the population.

Kamtschaika was first known to the Russians in 1696, when Vladimir Atlassov invaded the peninsula, am made great part of it tributary to Peter the Great.

Kamtscharka was first known to the Russians in 1696, when Vladimir Atlasov invaded the peninsula, and made great part of it tributary to Peter the Great. The conquest was completed in 1706, since which, regular tribute has been paid, in furs, to the governor of Irkutsk. There are 4 districts, each of which is governed by a toion, or lieutenant, whose business is to preserve peace, enforce the orders of government, and collect the tribute, the quantity of which varies according to the character of the governor, and the favour which particular persons happen to enjoy. The commander of the troops resides at Petropaulowsky, which for some years has been the principal

varies according to the character of the governor, and the favour which particular persons happen to enjoy. The commander of the troops resides at Petropaulowsky, which for some years has been the principal place. Its population, however, does not exceed 700, while that of Nishni-Kamtschatk, the former capital, has scarcely 150 persons. Bolcheresk, a small harbour on the W. side of Kamtschatka has a pop. of about 200. (Tockrone's Travels in Siberia, 11: 27—80; Lutke's Yoyages, Ili. 64—98.; Erman: Reise um die Erde, 1. 415—420.; Dobel's Kamtschatka, &c., 1. 1—183.)

KANDAHAR. See CANDAHAB.

KANDAHAR. See CANDAHAB.

KANDAGHERRY (Khanagiri), a town of Hindostan, prov. Bejapoor, formerly the cap. of a Hindoo principality, 19m. N.W. Bijnagur. It is beautifully situated in a valley, enclosed by wooded declivities, and partially encircled by a rivulet. The principal street is very spacious, and at one extremity is a fine pagoda to Krishna, the interior of which is elaborately ornamented with stucco bas-reliefs. Various other temples have been converted into dwelling houses or stables by the Mussulman pop.; and the vicinity abounds with fragments of Hindoo monuments. (Hamilton's E. I. Gax.)

KANOJE (Kanyacutija), a town of Hindostan, prov. Agra, and, according to Rennell, possibly the an Calinipara mentioned by Plny, about 2 m. from the Ganges, 118 m. E. by S. Agra, and 67 m. W. N.W. Lucknow; lat. 270 4 N., long. 79 47 E. It is now degraded into a mere second-rate town of the district of Etaweh; but it is mentioned by Ferishta as having been once the cap. of the principal kingdom along the Ganges, comprising-the mod. provs. of Delih, Agra, Oude, and Serinagur. The Indian histories are full of accounts of its grandeur and extent; and for a distance of 6m. the traveller now wanders over a tract covered with scattered vestige of the an Hindoo city is a portion of a small and other Mohammedan edifices in some, Kanole having been taken by the Mohammedan under Mahmoud of Ginzal, in 1018. Under the Mogule it gave its name to

millon's E. I. Gaz.)

KARA-HISSAR. See APIUM KARA-HISSAR.

KARAK, or KHARRACK (the Learus of Arrian),
an island of the Persian Gulph, now belonging to the

British, lat. 29° 19' N., long. 60° 21' E., 35 m. N.W.

Bushire. It has an area of 12 or 13 aq. m., with a pop. of

about 300 or 400. "It affords a safe anchorage at all

scatons, but more particularly during the severe gales

which blow from the N.W., and are the prevailing winds

in this sea. The greater part of the island is so rocky,

that little use can be made of it; but the E. side, being that little use can be made of it; but the E. side, being somewhat lower than the other parts, is capable of being cultivated. It has abundance of water. The inhab, gain a livelihood by gardening and fishing, and manufacture a small quantity of common cloth for their own consumption. The island of Corgo, lying about 1½ m. or 2 m. N. Karak, contains about 2 sq. m., and is of a light sandy soil. It has also plenty of water, but not of so good a quality as that of Karak; and although not inhabited at present, it is capable of being cultivated, and will produce both wheat and havier during the value. inhabited at present, it is capable of being cultivated, and will produce both wheat and barley during the rainy seasons." (Kinneir's Pers. Empire, p. 18, 19.) Pearls of a superior colour and description are fished around the coasts of both islands. The Dutch, after having been obliged to abandon their factory at Bussorah, founded an establishment at Karak in 1748. They were, however, driven from it by the Arabs, about 1765. Karak was subsequently occupied by the Persians; and in 1807, for a short period, by the French. During our recent disagreement with the shah of Persia, the British resident, previously stationed at Bushire, removed thither; and

a short period, by the French. During our recent disagreement with the shah of Persia, the British resident, previously stationed at Bushire, removed thither; and the island was taken possession of by an English force in 1839. Its acquisition will give us the complete command of the Persian Gulph, and will be also serviceable from its affording a secure anchorage for our ships, and a station where they may water and refit. (Kinneir's Pers. Empire; Asiat. Journal.)

KARAMAN, a town of Asiatic Turkey in Karamania, 58 m. S.S.E. Konieh; lat. 37° 10° N., long. 33° 5° E. Pop. 15,000. ? It stands at the S. extremity of a large plain, and at the foot of the lofty range of Bedlerin-dagh, a branch of Mount Taurus: it covers with its aquares and gardens a large area; the houses are of mud and sun-dried bricks, and have a mean wretched appearance; but the climate is salubrious, and water abundant. The public buildings comprise four mosques, with the ruins of othera, numerous khans and hummums, and a castle on a height, now mouldering to decay. Karaman trades with Kaisariah, Smyrna, and Tarsus, in cotton fabrics, hides, and nutgalis; and it has a pretty extensive manufacture of blue cotton cloth, worn by the lower classes.

Karaman, which occupies the site of the ancient Laranda, is said to have been founded by Karaman Oghe, a powerful prince living in the 14th century. It was the cap, of a Turkish kingdom, which lasted from the time of the partition of the Sciluck dominions of Iconlum till 1866, when Karamania was subjected by the Ottoman emperor Bajazet 11. Konieh then became the seat of the pachalic, and from that period Karaman has been gradually falling into decay. (Kinneir's sais M., p. 211.; Leake's Tour, p. 199.)

dually falling into decay. (Armer's Asia M., p. 211.; Leake's Tourt, p. 99.)
KARAMANIA. See TURKEY IN ASIA.
KARASUBASAR, a town of European Russia, Crimea, 15 m. E. Simpheropol, inhabited by Tartars, Greeks, Russians, Jews, Armenians, &c. Pop., according to the official returns, nearly 11,000, which, if they may be depended upon, show a great increase within the last dozen years. Streets parent winding and diture ing to the omicial returns, hearly 11,000, which, it they may be depended upon, show a great increase within the last dozen years. Streets narrow, winding, and dirty. There are several graceful looking mosques, a new Rom. Catholic church, a large building, or khan, occupied by shops, &c. It is celebrated for the manufacture of a very superior sort of red and yellow morocco leather, and it contains several tanneries, candle and soap works, potteries, and tile-works. It is also the great mart of the Crimea for fruit, wine, and cattle. There is a weekly market, and a great annual fair. (Schnitzler, La Bussie, &c. p. 736: Lyell. 1, 356.)

KARLSBURG. See Carlsburg.

Bachalic of the same name, on the Arpah-Chai, a tributary of the Aras or Araxes, 85 m. N.E. Erseroum, and 160 m. E. by S. Trebisond; lat. 400 20 N., long. 410 10 E. Pop., in 1835, not exceeding 2,000 families. It is situated on the N. side of a plain, which, though about 4,000 ft. high, is extremely fertile: a part of it is walled, and there is a citadel, which, however, is commanded by heights within musket-shot on the other side the river. Two

within musket-shot on the other side the river. Two stone bridges unite the two portions of the city divided by the river, which encircles the walled portion on three sides. The houses of the citadel are tolerably large and well built, but those in the town below are of the under-ground architecture usual in the Armenian villages. The public buildings comprise several mosques, and one Armenian church outside the walls; the Armenian convent is uninhabited and in ruins. Kars being the centre of a fine corn-growing district, had formerly a considerable trade in farming produce; but it was nearly destroyed during the Russian invession, and is only slowly

Kars, the origin of which is doubtful (Tournefort, ii. p. 295), was formerly a large town, with a pop. of nearly 8,000 families; but it is now little better than a heap of rulins. During the Russian occupation, a large part of the Turkish pop, abandoned it, while at the same time the Armenians emigrated with the retreating army of the Russians, leaving many deserted villages and much unoccupied land. The present inhab, are also it half Turkish and half Armenian; the former being described as turbulent and impatient of subordination to the pacha of Erzeroum, unier whom it is now a sandjak, and the residence of a mutzellim. (Smith and Dwight's Miss.

of Erzeroum, under whom it is now a sandjiak, and the residence of a mutzellim. (Sasith and Dweight's Miss. Researches, p. 91.; Geog. Journ. vl. 199.)

KANSAN, one of the eastern governments of Russia in Europe, having N. Viatka, E. Orenburg, S. Simbirak, and W. Nijegorod. Area, 94.000 aq. m. Pop. 1.242,000, partly Russians and partly Tchouvaches, of Finnish origin, Tartara, &c. it is traversed for a considerable distance by the Wolga, the Kama, one of the principal affluents of the latter, and by some lessor streams, and is interspersed with numerous lakes. Surface generally flat, but is parts undulating and hilly; soil almost every where fertile, producing, with very imperfect culture, abundant crops of rye, wheat, bemp and flax, &c. Forests very excusive, ouvering nearly half the surface. Climate in winter very severe; but the summer, though short, is generally fine. Orazing is not well understood, and but little attention is given to the rearing of cattle. The fishery in the Kama is very productive. There are numerous distilleries, saw-mills, and potash works, with the crown, which, in 1816, had 356,166 peasants. The public revenue in 1827 amounted to 6,203,314 roubles. The productive of the Service of the solventies of the Service of the Ser which 4,699,342 consisted of the obrok or rent paid by the peasants belonging to the crown. (Schnitzler, La Russie,

pensants belonging to the crown. (Schnitzler, La Russie, gc., p. 665., &c.)

Asan, a city of European Russia, cap. of the above government, on the Kasanka, about 4 m. above where it falls into the Wolg; lat. 85° 47' 26" N., long, 49° 21° 9" E. Pop., in 1833, 37,000. After being burnt down by Pousgatcheff in 1774, kasan was rebuilt, by order of Catherine II., on a more regular plan. It was again the prey of an accidental conflagration in September 1815, by which it was more than half destroyed; but, like Moscow, it has rises from its ashes larger and better built than ever. It stands on very uneven ground, interspersed with lakes, and consists, like most other Russian cities, of three parts: the kremtin or citadel, on a considerable eminence; the town, properly so called; Russian cities, of three parts: the kremin or citadel, on a considerable eminence; the town, properly so called; and the stobotcs, or suburbs. The town is well built, and has broad and spaceous squares and market-places. In the suburbs, which are principally occupied by the Tartar pop, the houses are of wood, and the streets disgustingly filthr. Principal buildings, the grand cathedral, founded in 1832; the cathedrals of St. Peter and St. Paul, with several other cathedrals and churches, some of them built in the course of the present centure. dral, founded in 1852; the catheurais or or. rever and St. Paul, with several other cathedrals and churches, some of them built in the course of the present century. The convent of Bogoroditakol Kasanskol, rebuilt by the emperor Alexander; the hotel of the general governor; the archiepiscopal palace; the hotel of the general governor; the archiepiscopal palace; the hotel of the nobles; the baraar; the military hospital; the arsenal, dc. Kasan is one of the most literary towns in Russia. It has a university, founded in 1844, but which was not opened till 1814. It had, in 1835, 70 principal and subordinate professors, 235 pupils, and a library of above 28,500 volumes. Its principal object is to supply instruction in the eastern languages, or in Arabic, Persian, Turkish, Tartar, and Mongul; within the last three or four years a professorship has been established for giving instruction in the Chinese language and literature. The city has also one of the four great theological academies, with a gymnaium, an observatory, a grammar-school, a Tartar school, a school for the instruction of school-masters, &c.; and several journals and publications issue from its press, among which are comprised some works in the Turkish several journals and publications issue from its press, among which are comprised some works in the Turkish language. A great cloth manufactory, established by Peter the Great, is now the property of individuals, and employs about 1,000 work-people; and there are bestdes manufactories of cottons, hardware, earthenware, and tiles, with tanneries, soap-works, distilleries, &c. Kasan is the seat of an admiralty; and vessels are constructed for the navigation of the Wolga and the Caspian. It also carries on an extensive rade, for which its situation and or the navigation of the worga and the Caspian. It also carries on an extensive trade, for which its situation adjoining the Wolffa gives it peculiar facilities. About 15,000 of the pop. are Mohammedans. The rest, with the exception of a few Protestants, belong to the established Greek church. (Schnitzler, La Russie, &c. p. 571.,

&c.)

KASCHAU, a royal free city of Hungary, in the circ. on this side the Theiss, co. Abaujvar, on the Hernad, 123 m. N. E. Pesth. Pop. 13,600. It is well-built, with fine squares, and regularly laid out streets; and has 13 Rom. Cath. and 2 Lutheran churches, besides a theatre, and several other handsome public buildings. The chief public establishments are a royal academy, with a library of 10,000 vols., and a fine collection of natural history, a gymnasium, an episcopal seminary, a school for nobles (adleges Kosviki), and a military asylum: it is the seat of a county-assembly and court of justice; nootes (adaeges Kouseill), and a military asylum: it is the seat of a county-assembly and court of justice; and has manufactures of tobacco, cutlery, earthenware, paner, &c.; and a large transit trade with Poland. (Ocsterr. Nat. Encyc.; Berghaus.)

KATRINB (LOCH), a lake of Scotland, in the district of Monteith, in the S.W. part of Perthshire, on the confines of Stirlingshire, 8 m. W. Callander, and 5

KEIGHLEY.

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m. B. from Loch Lomond. This, which is the most westerly and largest of a chain of locks, consisting of lochs Venacher, Achray, and Katrine, the principal feeders of the Teith, is about 10j m. in length, and from 1½ to 2 m. in width, of a serpentine form, and very deep. It is embosomed among lofty mountains, divided by deep ravines, whose sides, in parts clothed with wood down to the water's edge, and in parts consisting of bold rugged precipices, give it every variety of wild, picturesque scenery. Still, however, it was but seldom visited, and little known, till Scott made it the scene of his fine poem of The Lady of the Leke, when it at once attained the maximum of celebrity, and has since been annually resorted to by crowds of visiters. At the E. end of the loch, between it and Loch Achray, is the celebrated pass of the Trosachs, so beautifully described in stanza

loch, between it and Loch Achray, is the celebrated pass of the Trosachs, so beautifully described in stanzas 11—13. of the first canto of The Lady of the Lake.

RAZAMKEN, a town of Asiatic Turkey, prov. Irak-Arabi, on the W. bank of the Tigria, 3 m. N. Bagdad.

Pop. 8,000.? chiefly Persians, who have been induced to settle here on account of its being the burying-place of two celebrated imams, to whose memory a noble mosque has been erected. It is ornamented with two glided cupolas, and, like those of Meshed Ali and Kerbela, is supported by the contributions of pligrims. The town has a decent bazaar, many coffee-houses, 3 hermansum, and a caravansarari; and on the opposite side of the river is the tomb of Imám Abo Hanafi, another Mohammedan saint. (Kinneir.)

(Kinneir.)

KEDGEREE, a town of British India, prov. Bengal, on the W. side of the Hooghly river, near its mouth, lat. 21° 55′ N., long. 89° 16′ E. It stands in a low, swampy situation; but, according to Hamilton, it is, notwithstanding, much healthier than Diamond Harbour, and ships of war, unless compelled by strong reasons, should never go higher up the river. A lighthouse has been erected a few miles further down, and of late years one has been established at Kedgeree, the charge for which, on ships sailing under British or American flags, is 3d, per ton per annum. The charge for pilotage to Kedgeree is half the full pilotage from the sea to Calcutta. A government marine officer is stationed at this town, who makes daily reports of the ships which arrive and sail. (Hamilton's E. I. Gaz.; Commercial Dict.)

KEDJE, a town of Beloochistan, prov. Mukran, of which it is the cap., on a rivulet, by which the surrounding district is well Irrigated, 274 m. 8. W. Khelat; lat, 265 24' N., long, 62° 29' E. Pop. unknown, but it is said to have once contained 3,000 houses. It stands clustered

sing district is well irrigated, 274 m. 8.W. Khelat; lat. 26° 24' N., long, 62° 29' E. Pop. unknown, but it is said to have once contained 3,000 houses. It stands clustered around the base of a precipice, on which is a fortress; and was formerly a place of considerable trade, which having declined, the town has fallen into decay. Pottrager's Belookistam, 934.)

KEHL, a town of Baden, circ. Middle Rhine, on the Rhine, immediately opposite Strasbourg, and 10 m. N.W. Offenburg. Pop about 1,000, or, with its immediate environs, nearly double that number. It was formerly a fortress, and was esteemed an important bulwark of Germany. It was fortified by Vauban in 1688, ceded by France to Baden in 1607, taken by the French in 1703, 1733, 1733, 1733, and 1796; by the Austrians, also, in the latter year; and re-taken by the French in the succeeding. After the peare, its works were dismantled, Germersheim being fortified by the Germ. Confed in its stead. The town is connected by a bridge of boats with the opposite bank of the Rhine, near Strasbourg. Its inhab. employ themselves chiefly in transit trade. (Berg-kaus; Schreicher; Biott. Glog.)

KEIGHLEY, or KIGHLEY, a market town and par. of England, in the W. riding of co. York, wap. Strincliff and Ewcross, on an affluent of the Aire, 16 m. W. N.W. Lond n; area of par. 10,160 acres. Pop., in 1841, 13,413, being an increase of 20 per cent. on that of 1831. The town is beautifully situated in a valley close to the range called the Blackstone Edge and though irregularly bulk, comprises many handsome stone houses: it is well paved, sufficiently supplied with water, and lighted with gas. A neat and commodious court-house, and a spacious market-place, were erected in 1833, and more recently a Mechanics' Institute has been built on ground given by the Earl of Burlington, who has large possessions in and near the town. The church wes built in 1806, on the site of one erected in the reign of Henry I., and is a large and handsome structure, with a lofty steeple, containing a fine pea

has conferred many benefits on the working classes. The worsted manufacture, especially of coarse stuffs, merinos, and worsted yarns, is carried on to a considerable extent; and the produce is sold in the piece-halls able extent; and the produce is sold in the piece-nais of Halifax and Bradford: 38 worsted-mills gave, in 1838, employment to 2.125 hands, and 5 cotton-mills to 198 hands; about 1,800 looms are at work within the par. The Leeds and Liverpool canal, which passes near the town, affords cheap conveyance for manufactures, &c., and establishes a communication with Hull on the one and establishes a communication with Hull on the one hand, and Liverpool on the other. A county court is established here, before which 1,197 plaints were entered in 1848. Under the Boundary Act Keighley is a polling place for the W. riding. It is also the head of a union, comprising 6 pars; the expense of maintaining the poor of this par, having amounted to 3,122. in 1847. Markets, well supplied, on Wednesday: fairs, May 8. and 9., and Nov. 7., 8, and 9.

well supplied, on Wednesday: fairs, may o. and B., and S. Keighley is known in the history of the great civil war, as having been the scene of an encounter, in 1645, between the king's troops, and a division of the parliamentary army, under Colonel Lambert. Its name is derived from an old family called Keighley, one of whose members married a Lord Cavendish, from whom the present Duke of Devonshire and the Earl of Burlington are descended. (Baines's Gazetteer of Yorkshire; Parl. Fem.)

rived from an old family called Keighley, one of whose members married a Lord Cavendish, from whom the present Duke of Devonshire and the Earl of Burlington are descended. (Baines's Gazetteer of Yorkshire; Parl. Rep.)

KELLS, a town of Ireland, prov. Leinster, co. Meath, adjacent to the Blackwater, on the top and sides of a gentle hill, 35 m. N. W. Dublin, and 21 W. Drogheda. Pop., in 1841, 4,205, since which it has not increased. It consists of three principal and some smaller streets, and has some good houses; but, generally speaking, it is a poor, mean place, and is neither lighted nor watched. Here is a fine old church, contiguous to which is a pillar or round tower 99 ft. in height. It has, also, a R. Cathchapel, a court-house, market-house, bridewell, ferer hospital, a national school, and a school supported by Lady Headfort. A lace manufactory is said, in the Musicipal Boundary Report, to employ 100 hands, and there is also an extensive brewery.

This is a very old town; a synod having been held here in 1152, and a castle erected on the site of the present market-place in 1178. Here, also, was a monastery, some remains of which still exist, and are called St. Columb Kill's House, from the name of its reputed founder. In one of the streets is a fine stone cross. The bor, returned 2 mems, to the Irish H. of C., but was disfranchised at the Union. The magnificent seat of the Headfort family is in its vicinity. Post-office revenue, in 1830, 6782.; in 1836, 7152.

KEITH, a bor. of barony and market-town of Scotland, co. Banff, on both sides the isla, a tributary of the Deveron, 41 fm. N.W. Aberdeen. Pop., in 1801, inc. the par., 3,284; in 1841, 4,485. Keith is, properly speaking, composed of three towns, namely, Old Keith and New Keith, on the S. of the river, and Fife Keith, on the N., the whole lying in the centre of an amphitheatre of hills. The first, which is very old, is but of mean appearance and irregular shape; the second, begun to be received in 1900, stands on a gentle eminence to the S. E. of the

some smaller streets. The former meet in a square or market-place in the centre of the town, consisting of well-bulk houses, which, like those in other parts, are mostly of freestone and slated. On the E side of this square is the town-house, an edifice of two stories, with a pediment in front supported by 4 Ionic columns, surmounted by a handsome balustrade, and dome sprinning from the centre of the roof. The old par. church being a "misshapen pile," a new or second par. church being a "misshapen pile," a new or second par. church was built here in 1837 in the Elizabethan style, with a quadrangular tower 70 ft. high. The bridge across the Tweed, from a plan of the late Mr. Renne, is said to have been the prototype of Waterloo bridge over the Thames by the same architect. It has 5elliptical arches; its total length is 494 ft.; the breadth of the roadway is 25 ft., and the greatest height from the bed of the river 42 ft. It was finished in 1803 at an expense of 18,000. In the immediate vicinity of the town, on the W., is Fleurs, the seat of the ducal family of Roxburgh, the feudal superiors of the bor.; a mansion erected in 1718, but recently repaired and modernised, combining, as Sir W. Scott has observed, "the ideas of ancient baronial grandeur with those of modern taste." But the most prominent object in or round Kelso is its venerable abbey, founded in 1123 by David I. for Tyronensian monks, and endowed with immense possessions and privileges. Its form is that of the signal and the first of the deciment of the some smaller streets. The former meet in a square or by David I. for Tyronensian monks, and endowed with immense possessions and privileges. Its form is that of a Latin cross, and it affords a fine specimen of the Saxon or early Norman style of architecture. It has long been in a state of dilaphdation; but the Scotch reformers been in a state of dilapidation; but the Scotch reformers are guiltiess of the demolition of this noble fabric: for, having been occupied as a place of security by the townspeople in 1845, it was then battered down by the English under the Earl of Hertford. The parts now remaining are the N. and S. aisles, each having two round towers, with two sides of the central tower, now only 9l ft. high. The thickness of the lower walls is bi ft. The pillars are clustered; the archies circular. Part of the ruin served as the par. church from 1649 till 1771, when it was deserted, from the idea of insecurity, for another place of worship. The Roxburgh family have of late laudably exerted themselves to repair and perpetuate this fine ruin. Kelso has been characterised by Scott, in his "Autobiography" (p. 39.), as "the most beautiful, if not the most romantic, village in Scotland." It presents objects," he says, "not only grand in themselves, but venerable from their associations." The best view of the town and environs is from the bridge.

venerable from their associations." The best view of the town and environs is from the bridge. In addition to the old and new par. churches pre-viously noticed, there are five other places of worship in the town, belonging respectively to the Episcopalians, Cameronians, Original Seceders, Relief and Associate

Cameronians, Original Seceders, Relief and Associate Synod.

There are 10 schools in the bor, and pag., attended by about 700 scholars; so that about a seventh part of the people are, at the same time, being educated; and this without including Sunday schools, of which there are 6. Kelso has 6 subscription libraries; the oldest, containing about 5,000 vols., having been instituted in 1750. The Kelso Physical and Antiquarian Society "would do credit to a much larger town. There are two reading-rooms; two newspapers, one published weekly, the other twice a week. Kelso was the first provincial town in Scotland that introduced the printing-press. (Irving's Scot. Poets, 1, 75.) The first edition of Scott's Minstrelay of the Scottish Border, was printed in Kelso by James Ballantyne, who afterwards brought the typographical art to high perfection in Ediburgh, where he carried on the printing business in partnership with Scott.

A dispensary was founded here in 1777. Poor-rates were introduced in 1793; and yield, ex. other sources of income, a sum of about 1,700. a year. About 40 children are educated at the expense of the par.

The currying of leather, and the manufacture of woollen cloths, linen, stockings, and hats, which are the chief branches of industry, do not together employ more than 150 hands, and some of these branches are disappearing. The town, which is chiefly dependent on its retail trade, is remarkable for its numerous handsome shops. It has a weekly corn-market, at which a rect deed of business is transacted: and several annual

chief branches of industry, do not together employ more than 150 hands, and some of these branches are disappearing. The town, which is chiefly dependent on its retail trade, is remarkable for its numerous handsome shops. It has a weekly corn-market, at which a great deal of business is transacted; and several annual fairs for cattle and sheep. There are four banks in the town; exclusive of savings' bank.

Kelso was originally a species of suburb to the bor. of Roxburgh, on the opposite bank of the Tweed. But the foundation of the abbey gave Kelso a more important character: and on the final destruction of Roxburgh, in the 18th century, its inhabs transferred themselves thither. No traces now remain of the bor. of Roxburgh, and but few of its castle; though the latter was for centuries one of the most important Border fortresses. In 1460, James II., having taken the town of Roxburgh and demolished it, laid slege to the castle, during which he was killed by the bursting of a cannon. The queen, attended by her infant son, James III., encouraged the besiegers, and in a few days, the fortress was compelled to surrender. It was then destroyed; since which time it has remained in ruins, though partially repaired by the

English, under Somerset, in 1547. Soon after the Reformation, the lands and possessions of the abbey were
conferred on the ancient family of Kerr, of Cessford, in
the hands of whose descendants, the family of Roxburgh,
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Eaglish, under Somerset, in 1847. Soon after the Reformation, the lands and possessions of the abety were conferred on the ancient family of Kerr, of Cessford, in the hands of whose descendants, the family of Roxburgh, they still remain. Kelso has repeatedly suffered from conflagrations, not in warlike times merely, but in pacific, as in 1888 and 1738. (Morton's Monatic Annals of Treviolatele; Haig's Hist. of Kriso; Transawi's Tour; New Stat. Acc of Scotland, Rocherghahrer, p. 298.)

REMPTEN (an. Campodissawa), a town of Bavaria, circ. Swabla and Neuburg, cap. distr. of same name, on the Iller, 30 m. S.S. W. Augsburg. Pop. about 6,000. It comists of two parts, an old town surrounded with wall remarked the court of the abbot of Kempten, and the former is an experimental court of the abbot of Kempten, and on higher ground, comprises the abbey, where we occurrency helds the court of the abbot of Kempten, an ecclesiastic possessing, bealdes the town, an indi-pendent territory of 240 sq. m., celed to Bavaria in 1802. Kempten has a fine collegiate church, aqueduct, and theatre, an hospital, foundling asylum, public library, &c.; and is the seat of the council for the circle, courts of law for the circle and town, a board of tolls, a gymnasium, sand high-school. It has manufactures of linen and cotton fabrics, and a brisk trade in these goods, and in wool, cattle, and Italian produce. The liler becomes navigable near Kempten. Adjacent to the town is the eminence of Hillarmont, on which are the ruins of a fortress supposed to be Roman, and where various Roman coins have been found. (String J. Burghaus, &c.)

KENDAL (KIRSHY), a market-town, parl bor, and par, of England, co. Westmoreland, ward of same name, 40 m. S. Carlisle, and 219 m. N. W. London, Pop. of parl. bor. (which comprises the townishe of whether were the works of the carlisle road, and a lateral street of the boase are well built of stone and bequence of the boase are well built of stone and helpole town. The boase are well built of stone and accomply and

Near Kendal, on the opposite side of the river, are the ruins of a castle, commandingly situated on a rocky eminence, and celebrated as the birthplace of Catherine Parr, one of the queens of Henry VIII. A large portion of the outer wall, and two towers, still remain to mark his former writer.

tion of the outer wall, and two towers, still remain to mark its former extent.

KENILWORTH, a market-town and par. of England, co. Warwick, hundred Knightlow, 5 m. N. Warwick, 18 m. S.E. Birmingham, and 96 m. N. N.W. London. Area of par. 6,460 acres: pop., in 1841, 3,149. It is delightfully situated on an affuent of the Avon, and consists chiefly of one long street, about 1 m. in length, part of the road from Warwick to Coventry. In the lower part of the town is the church, a Gothic building of different periods, having a handsome tower and spire; and near it are the ruins of an abbey, valued at the dissolution of the monasteries at 644. On the higher ground are several handsome houses; and at the top of the hill on the monasteries at 644. On the higher ground are several handsome houses; and at the top of the hill on which the town stands are the ruins of a castle, the ancient fame of which has been made familiar to all Rurope by the Magician of the North. There are several places of worship for dissenters, to each of which, as well as to the church, are attached well attended Sundayschools. A free-school was founded in 1734, and there is a large national school. Among other charities, are almashouses for 16 widows. and an apprentice fund.

is to the church, are attached well attended Sunday-schools. A free-school was founded in 1794, and there is a large national school. Among other charities, are almshouses for 16 widows, and an apprentice fund. Ribands, gauzes, and combs are made here; and there are chemical works for the preparation of Glauber salts, sal-ammoniac, and Prussian blue; but they are not important. Markets on Wodnesday; horse and cattle fairs, April 30. and Sept. 30.

Kenilworth Castle, who see extensive ruins bear ample testimony to its ancient splendour and magnificence, was erected in 1120 by Geoffry de Clinton, treasurer and chamberlain to Henry I., and in the reign of Edward I. the Earl of Leicester held a tournament here, which was attended by 100 knights with their ladies. The estate afterwards reverted to the crown, and was given by Queen Elisabeth to her unworthy favourite, Dudley, Earl of Leicester, who is said to have expended on its improvement 60,0004., a vast sum for those days. "The outer wail," says Sir W. Scott, "inclosed seven acres, a part of which was occupied by extensive stables and by a pleasure-garden, with its trim arbours and parterres; and the rest formed the large base-court or outer yard of the noble castle, which was itself composed of a huge pile of castellated buildings surrounding an inner court. A large and massive keep, called Casar's Tower, was of uncertain though great antiquity; and that noble and massive pile, which yet bears the name of Lancaster's Buildings, was erected by John of Gaunt, 'time-honoured Lancaster'. The external wall was on the S. and W. sides adorned and defended by a lake partly artificial, across which was a stately bridge, and on the N. side was a barbican, which, even in its present ruinous state, is equal in extent and superior in architecture to the baronial castle of many a northern chief. Beyond the lake lay an extensive chase, full of deer and game, and abounding with lofty trees. Queen Elizabeth twice visited this noble palace; and here, in 1575, she was entertained

RENNERY (CAVE-TEMPLES OF). See SALSETTE.

KENSINGTON, a town and par. of England, co.
Middlesex, hund. Ossulston, in the suburbs of London,
1½ m. W. Hyde Park corner, comprising (with the hamlets of Bayswater, Earl's Court, Brompton, and Little
Chelsea.) an area of 2,680 acres. Pop., in 1841, 17,319.
It consists of a main street forming a part of the London
road, and of several subordinate streets running from it
N. and S., one of which leads into a bandsome square.
The houses are well built, and many good detached residences are scattered in the outskirts. The par. church
is a plain but spacious building, erected in 1690; and the
living is a vicarage in the gift of the Bishop of London.
There are also 2 district churches, and a proprietary
episcopal chapel, with several places of worship for dissenters (the largest of which, built in 1794, belongs to
the Independents). A large charity school, natural
and Lancastrian schools, and several private boarding
schools, furnish instruction to all classes; and there are
numerous charitles for the relief of the aged and sack

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poor. The trade of the town chiefly depends on the many families of rank and wealth resident in and round it. Kensington is the chief locality of a poor-law union, comprising, besides itself, the pars. of Cheisea, Fulham, Hammersmith, and Paddington. The expense of maintaining the poor of this par. amounted to 10,675% in 1947.

The palace, which, with its gardens, forms the chief object of attraction, is an irregular brick building, purchased by William III. of the Barl of Nottingham. Among other additions made by that monarch, the whole S. front was rebuilt under the direction of Sir C. Wren, and the interior received great improvements and embellishments: the W. front was rebuilt by Kent, in the reign of George II. The state rooms comprise 12 handsome chambers, well adapted for occasions of ceremony; but few of them. except the galleries, are of commanding proportions. The staircase, painted by Kent, is intended to represent a number of spectators on a court day; and the artist has introduced several portraits of characters connected with the court of George I. the style, however, is bizarre, and in very bad taste. The presence chamber is now hung with pictures, many of which were highly valued by the late president West. This palace was the residence of William and Mary, Anne, George I., and George II., all of whom (except George I.) died within its walls. George III. removed the town residence of the court to St. James's; and Kensington palace has since been allotted to junior members of the royal family. The childhood of Queen Victoria was spent in it; and it was for many years the town residence of the Duke of Sussex. The duke's library, which has been sold, was very valuable, especially the collection of bibles and biblical works, inc. about 300 rare MSS. The gardens occupy an area of about 350 acres, and have been for many years an attractive public promenade. Holland the reign of Charles I. to the Earl of Holland. Addison occupied it after his marriage with the dowager Countess of Warwick. In 1766 it was purchased by Henry Fox, Lord Holland, in whose family it still remains. The library is 112 ft. in length, and contains avaluable collection of books, especially in Spanish and Portuguese literature. There are many good pictures, and in the hall is a sitting statue of C. J. Fox. About 200 acres of land are attached to the hous

House, a brick structure, in the Elisabethan style, at the W. end of Kensington, was built in 1607, and descended in the reign of Charles I. to the Earl of Holland. Addison occupied it after his marriage with the dowager Countess of Warwick. In 1766 it was purchased by Henry Fox, Lord Holland, in whose family it still remains. The library is 112 ft. in length, and contains a valuable collection of books, especially in Spanish and Portnguese literature. There are many good pictures, and in the hall is a sitting statue of C. J. Fox. About 200 acres of land are attached to the house, which is one of the finest residences in the vicinity of London. KENT, a marit. co. in the S.E. part of England, being the nearest of any in the kingdom to the Continent, having N. the Thames and its zetuary. E. and S.E. the German Ocean and the Straits of Dover, S. Sussex, and W. Surrey. His greatest length, from Deptiond to the N. Foreland, is about 64, and its greatest breadth about 20 m. Area, 996,480 acres, of which above 900,000 are said to be arable, meadow, and pasture. This is a finely diversified and beautiful co. Two parallel ridges of hills traverse its whole extent from E. to W. The upper, or most northerly of these ranges, extending from Westernam, on the confines of Surrey, to Dover, being composed chiefly of chalk, and thence called the chalk ridge; while the lower, or most southerly range, about 8 m. from the former, is usually called the ragstone range, from its consisting principally of ragstone and ironstone. The country to the N. of the upper range, including the isles of Sheppey, Grain, and Thanet (see Thant), is generally very fertile, and contains a good deal of marshy and of rich loamy land, producing the finest wheat. Romney Marsh, a celebrated grazing district (see Romary Massh), and the Weald, lie to the S. of the lower or ragstone range. The latter, which extends into Sussex and Surrey, is a very singular tract. Its soil is generally stiff and clayer, but in parts sand predominates. For a lengthened period covered with all the richness of both art and nature; the variety of small inclosures of corn and meadow, and the variety of small inclosures of corn and meadow, and the bouses, seats, and villages, promiscuously interspersed among the large and towering oaks, which grow over the whole face of it, have the most pleasing effect, and represent to us, even at this time, something, though a great improvement of its original state, in the idea of an inhabited and well cultivated forest." (Hasted's Kent. I 293. 296., 8vo. ed.) From its proximity to the Continent the climate of Kent is colder in winter, and the B. winds in spring are said to be more piercing than in other cos.

in the same parallel more to the W.; but, on the other hand, the summers are warmer, and its autumns less liable to wet, which renders it especially fitted for the production of corn and fruit. Agriculture is in a very advanced state in Kent, and it has a greater variety of products than any other co. in the kingdom. Its wheat, barley, beans, and pease are all excellent. With the exception of the Isle of Thanet, turnips are extensively raised on the light soils. Hops are produced in large quantities, especially in the district between Maidstone and Canterbury. Most part of the cherries, filberts, plums, and other fruits brough to the London markets, are supplied by the orchards between Maidstone and Tonbridge, &c.; while the lale of Thanet and other places furnish supplies of spinach and of various seeds. Though Kent eleds large numbers of cattle, it cannot be called a grasing co.: the stock of sheep is, however, very large. Romney Marsh has a pecultar breed that furnishes long, combing wool. There is a great deal of timber in other parts of the co., exclusive of the weald. Property much divided, and there are no great estates. Size of farms very various; but, owing to the sort of garden culture carried on in many parts, they are mostly, perhaps, stahs a small; many varying in event from 10 to 20 acres. in the same parallel more to the W.; but, on the other wery various; but, owing to the sort of garden culture carried on in many parts, they are mostly, perhaps, rather small; many varying in extent from 10 to 30 acres, while there are but few above 200 or 250 acres. Average rent of land, in 1843, 26.5, 74d. an acre. The yeomanry of Kent are a very superior class; and besides their own, some of them occupy extensive bired farms. All lands in Kent, unless specially exempted by an act of the legislature, are held by the tenure of gavekind; descending, in the event of the father dying intestate, not to the eldest son, but to all the sons alike in equal portions; and if there be no sons, they divide equally among the daughters. This is supposed to have been the common tenure in England before the Conquest; but, exclusive of Kent, it now obtains in but a few places. Some estates have been disgarelled, or excepted by a special act of parliament, from this tenure; and partition is now, in most instances, prevented by testament. But such lands as are not disgarelled, or extend by testament, are invariably disposed sparelled, or extend by testament, are invariably disposed sparelled, or extend by testament, are invariably disposed sparelled, or extend to the state of the relied, or settled by testament, are invariably disposed of in the way stated above. (Hasted's Kent, 1.311—321.8vo. ed.) The customs that prevail with respect to the entry to ed.) The customs that prevail with respect to the entry to farms operate injuriously on agriculture; and owing, as is said, to the prevalence of smuggling on the coasts, and the abuse of the poor laws, the peasantry were lately supposed to be a good deal demoralised; but both these sources of disorder are now in the way of being obviated. Ironstone is abundant in many parts; and previously to the employment of coal in the making of iron, the weald, from the abundance of its timber, was aprincipal seat of the iron trade; but this has been long abandoned. With the exception of ship-building carried on at Deptford, Woolwich, Chatham, and other places, manufactures are purched. wich, Chaitam, and other places, manufactures are un-important; they consist of paper, made at Maidstone and Dover, gunpowder at Dartford and Faversham; and tops

wich, Chatham, and other places, manufactures are unimportant; they consist of paper, made at Madistone and Dover, gunpowder at Dartford and Faversham; and togs at Tonbridge. Exclusive of the Thames, the principal rivers are the Medway (which see), Stour, Rothe, Darrent, and Ravensbourne. Kent is divided into the two nearly equal divisions of E. and W. Kent, each having its own court of sessions. Principal towns, Greenwich, Deptford, Chatham, Rochester, Canterbury, and Dover. It is divided into 5 lathes, 63 hundreds and 15 liberties, and 411 parishes. It sends 18 mems. to the H. of C., viz. 2 for each of the 2 divisions of the co.; 2 for each of the bors, of Canterbury, Rochester, Dover, Greenwich, Maidstone, and Sandwich, and I each for Chatham and Rye. Registered electors for the co. in 1849-50, 16,217, being 6,987 for the E., and 9,230 for the W. division. In 1841, Kent had 95,482 inhab. houses, and 548,337 inhab., of whom 372,532 were males, and 275,805 females. Sum expended on the relief of the poor, in 1846-47, 208,2584. Annual value of real property, in 1815, 1,687,4432. Do. in 1843, 2,907,6064.

KENT UCKY, one of the U. S. of America, in the central part of the Union, between 181. 367 307 and 389 30′ N., and long, 86° and 89° W.; having N. the States of Ohio, Indiana, and Illinois, from all which it is separated by the Ohio river, W. Missouri, from which the Mississippi divides it, S. Tennessee, and E. Virginia. Length, E. to W., nearly 400 m.; breadth, varying from 40 to 175 m. Area, estimated at 39,000 sq. m. Pope. (1840), 779,828, of whom 182,250 were slaves. The general slope is towards the N. W. The E. extremity of the state is occupied by some offsets of the Alleghany mountains; and along the Ohio the country is broken, and contains many abrupt hills, and deep and fertile valleya, often densely wooded. Towards the centre of Kentucky the surface is undulating; the W. is comparatively level. in the latter direction is an extensive tract, called the "barrens," not sterile, however, as its name would

of them rise in the 3.8. and mountainous part of the state of the complex of the comple Pennsylvania. Hogs are reared in large numbers on the barrens. Manufactures are of secondary importance: the chief are those of cotton and woollen cloths, cordage, salt, iron goods, and maple sugar. Cattle, hemp, wheat, and tobacco are the principal articles of export. Most of the external trade is carried on through New Orleans. The means of internal communication are rapidly extending. In January 1838, 306 m. of turnpike road had been completed, and 215 m. more were under contract, and in progress. In the same year, 31 m. of the Lexington and Ohlo railways are in contemplation; among which is one designed to extend from Charleston in S. Carolina to the Ohlo, its entire length being estimated at 640 m. Improvements in the river navigation are at the charge of the state; the construction of locks, dams, &c. on Green River was begun by the government, in 1834. A canal near Louisville, 3 m. long, by which the rapids are avoided, was completed in 1831. In January, 1-50, Kentucky had 4 banks of its own, and 13 branch in 1834, with an estimated united capital of 7,030,900 dolla. I rankfort on the Kentucky is the cap., and seat of the legislative government; but Louisville is the largest commercial emporium. Lexington is the other principal town. The legislative power is vested in a senate, which consisted, in 1848, of 38 mems, and in a House of Representatives of 100 mems. The senators are elected for 4 years, one-fourth of their whole number being returned yearly. The representatives are relected annually. The right of election is in every free male citizen 31 years of age, who has resided in the state control for which he desires to vote. The governor and ileutemant governor hold office for 4 years; and are re-eligible only after the lapse of 7 years. Justice is administered in a supreme court, a court of chancery, and is district courts. The U.S. circuit-court is held at Frankfort. The militio of the state consisted, in 1834, of 75.7956 men. In 1537, Kentucky had upwards of 1,000 ordinary schools

churches and I Armenian do. The streets are narrow and filthy; and the meanness of the houses leaves no doubt with respect to the poverty and wretchedness of the inhab. The surrounding district is uneven and hilly; and on the N. side a low range of barren and rocky mountains separates it from the fine plain of Altun-Kupri. In the pass through these mountains are numerous naphtha pits, yielding an inexhaustible supply of that useful commodity, which is sent in earthen jars all over the neighbouring country. (Kinsacir's Persia, p. 238.; Olivier, iv. 300.)

KERMAN (an Caracagnia) a prov. of Portis be-

19. 300.)

KERMAN (an. Caramania), a prov. of Persia, between lat. 25° 30° and 31° 20° N., and long, 54° 30° and 60° 20° E., having N. Khorassan, E. Afghanistan and Beloochistan, S. the Persian Gulph, and W. the provs. Fars and Laristan. Shape triangular; extreme length 11 4°

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KERMAN.

380 m.; breadth, 250 m.; supposed area, 65,000 sq. m. Pop. alleged to be under 600,000, having greatly decreased of late years through the wars of extermination waged by the Persians on the Guebres or Parsees. Kerman, generally speaking, is mountainous; but the elevation of the high ground varies considerably from mere hills to lofty ridges, scarcely lower than those of the great mass in which they originate. The principal range divides Nurmansheer from Laristan, and thence runs W. with many ramifications. The interior of the prov. is not irrigated by a single river, and the natives could not possibly exist, but for a few mountain springs, and the diligence used in cutting karexes or subterraneous reservoirs, for watering the land. The Rud Shuir, which runs through the S. part of Kerman into the Persian gulph, is at present very imperfectly known. The climate is accounted the least healthy of any part of Persia; the hills, which are clad with snow nearly all the year, being extremely cold, and the long narrow valleys between them oppressively hot. The winds from the mountains are deliciously cool; but, as they bring with them agues, and epidemic fevers, the natives prefer sultry weather. The N portion of the prov., and that close on the coast, are arid sterile deserts; but in Nurmansheer and a few other central districts where irrigation has been properly followed up, layers of alluvial soil and rich vegetable mould are found to be exceedingly productive. Wheat, maize, and barley; cotton, tobacco, saffron, and madder, are raised with facility, and in the greatest perfection. Dates, oranges, lemons, grapes, almonds, and pistachios, with other fruits of S. Europe, are of common occurrence; and mulberry-trees are largely cultivated for the silk-worms, in breeding which the finhabs, have attained considerable celebrity. The gum-plants, the produce of which is not less esteemed than that from Arabia, comprise the assafictida, mastic galbanum, sandaric ammoniac, sarcacolla, and tragacanth. Much attentio rose, from which is distilled an atter or essence highly valued in Asla. Pasturage, however, is a more favourite pursuit than tillage. The breed of sheep peculiar to this prov. called dembedor, is small and short-legged, with a loug bushy tail; its wool fetches a higher price in the market than that of any other variety in Persia. Camels also, and goats, are bred in great numbers, as their hair is thought to make a fibre at once stronger and more delicate than that of animals reared elsewhere. Oven and horses are little attended to. The forests are their hair is thought to make a fibre at once stronger and more delicate than that of animals reared elsewhere. Oxen and horses are little attended to. The forests are infested with wild beast of the cat and bear tribe; and there are many species of serpents, some being highly renomous. On the S. coast sea-fish is abundant; but the pearl-fishery, once very profitable, has been abandoned in consequence of the too great depth of the oyster-beds. The mineral riches might be made a source of considerable wealth, for most metals are abundant; but from, copper, and sulphur are the only products hitherto obtained. The manufactures comprise fine woollen fabrics, carpets, goats' and cameis' hair shawls, coarse linens, and a peculiar kind of matchlock, much esteemed in the E. These articles, with change, a yeilow dye, fruits, gums, &c., are either sent N. by caravans, or exported from the port of Gombroon.

The inhabs, were formerly almost exclusively Guebers; but the number of these is now less than 40,000. The Persians constitute the chief mass of the pop.; but there are also many Belooches and Arabs of different tribes. The government is vested in a begierbeg; and the prov. a divided into 9 districts, each of which is under a hakun or lieutenant. The taxes on land, and imposts on manufactured woods are very conventive and corrects.

is divided into 9 districts, each of which is under a hakun or lieutenant. The taxes on land, and imposts on manufactured goods, are very oppressive, and operate as a great hinderance to industry. The 8. part of Kerman, called Moghostan, is not subject to Persia, but to the imam of Muscat, who receives from it a yearly tribute of 7,000 tomans. The Arabs of various tribes are governed by their respective shelks. (Kinneti's Persia, p. 194-201.; Pottinger's Travels, p. 220-237.; Hagemeister ser' Asie Occidentale, \$c.)

Kerman, or Seriam (an. Carmana), a city of Persia, and cap. of the above prov. 230 m. E. Shirax, and 340 m. S. E. Ispahan; lat. 29° 56' N., long, 56° E. Pop. estimated by Pottinger at 30,000. This city, which was once more prosperous and extensive than at present,

Pop. estimated by Pottinger at 20,000. This city, which was once more prosperous and extensive than at present, stands on the W. side of an extensive plain, so close to the mountains as to be completely commanded by two of them. The walls, pierced by 4 gates, are high and built of mud, flanked outside by a dry ditch, 20 yards wide, and 10 yards deep. On the S. side of the town is a citadel, in which the governor resides. The bazaar, well supplied with every article of necessity and luxury, is covered in with very elegant domes, built of a beautiful blue stone procured in the adjoining mountains. There are nine good caravanserals within the walls, several mosques, baths, &c.; but most of them are in a ruinous condition. The trade of Kerman, however, is still very considerable; and it is celebrated for its manufactures of shawls, carpets, and matchlocks, which are exported to Khorassan, Balk, and Khiva, Arabla, Sinde, and all

parts of India. The shawls of Kerman are of coarses parts of India. The shawts of Kerman are of coarier quality, but approaching nearly in colour and general appearance to the inferior Cashmeres. Immense quantities of the commoner kinds are sent to all parts of Turkey; they are about 2 yards square, very low in price, and are generally worn by the lower classes in W. Asia. Kerman, formerly one of the proudest cities of the Persian empire, owed much of its former opulence to its situation on the road from Bokhara to Gombroon, a port which has been almost superseded by Bushire.

Reman, formerly one of the proudest clues of the Persian empire, owed much of its former opulence to its situation on the road from Bokhara to Gombroon, a port which has been almost superseded by Bushire. Domestic and foreign wars, however, with repeated pillages, have all but ruined it. In 1794 it was besieged and taken by Aga Mahommed Khan; the walls and public buildings were then levelled to the ground, a licentious soldiery were allowed to pillage it during three months, vast numbers of the inhabs, were put to death, and 30,000 are said to have been sent into exile. From these calamities Kerman is only very slowly recovering, nor does the present state of its trade warrant the conclusion that it will ever attain its former importance. (Kinsneir's Persia, p. 198.; Pottinger, &c.)

KERMANSHAW, or KERMANSHAH, a city of Persia, the cap, of Persian Kudistan and of a district bearing its own name; 83 m, W.S. W. Hamadan, and 320 m. S.W. Ispahan; lat. 34° 26' N., long. 47° 15' 15" E. Pop. 30,000.? Its stands a short distance from the right bank of the Kerkah or Karasu, in a beautiful plain open to the S., but inclosed on every other side by lofty mountains. It is surrounded by a substantial brick wall, having round towers at its four angles and a deep ditch in front. The citadel, strongly fortified, is the residence of the begierbeg, who belongs to the royal family of Persia. The streets are narrow, crooked, and unpaved; but the town is adorned with many gardens, has 14 knownesses or public baths, 4 mosques, several bazaars, and a spacious caravanseral kept in tolerable repair. Its manufactures consist chiefly of woollen carpets and swords, mostly sent to Bagdad, with cotton, very delicious grapes, and other products of the rich soil belonging to the district. Considerable advantages accrue to the town in consequence of its situation on the great caravan road between Persia, Caubul, &c. and Asiatic Turkey. Great improvements have been made by the existing dynasty in its fortifications and public buildings, and it h improvements have been made by the existing dynasty in its fortifications and public buildings, and it has become the residence of one of the members of the reigning family; so that its pop, and general importance have been steadily increasing during the present century. About 6 m. E. of Kermanshaw, on the road to Hamadan

been steadily increasing during the present century.

About 6 m. L. of Kermanshaw, on the road to Hamadan and in the N. range of mountains, are the excavations and sculptures of Taki-Bostan. The most considerable of these is an arch cut in the rock, 60 ft. high, 20 ft. deep, and 24 ft. wide; on the top is an emblematic figure, fanked by two angels, the sculpture of which is tolerably perfect and in good taste. At the extremity of the arch is the figure of a mounted warrior clothed in chain armour, with a shield on his left arm, a lance in his right hand, a quiver at his side, and a tlara on his head. The horse is well proportioned and tolerably carved. The representation of a boar-hunt occupies the entire left side of the arch; it is remarkably well executed, "some parts being so exquisitely finished (according to Kinneir) that they would not have disgraced the fineset artists of Greece and Rome." At the upper end of another care, similar in shape and size to that just described, is a bassorylive of two kings in the costume of Persepolls, and wearing globular crowns identifying them with members of the Shapour dynasty. Near the entrance of this care, also, are three figures, two of which are treading on the third, who is prostrate. The origin of these sculptures is a matter of doubtful conjecture: some airtibute them to Semiramis, while by others they are ascribed to the successors of Alexander; but, if Silvestre de Sacy's translations of the Pehlvi Inscriptions be correct, we cannot greatly err in attributing them to the monarchs of the Sassanian dynasty. (For further particulars, see Ker Porter's Transla, ii. 163—204; Kinszir's Persia, 182—386.) and, above all, Ritter's very full and satisfactory description, Erdhunde eon Asien, part ix. p. 367—386.) The date of the foundation of Kermanshaw is not accurately known, but it is generally attributed to Bahram (Vararance IV.) the son of Shapour II., about 40 years

or acted of the foundation of Rermandaw is not accurately known, but it is generally attributed to Bahram (Varazance IV.) the son of Shapour II., about 400 years after Christ. Kobad improved it, and built a citadel, which, after having been almost destroyed by the Turks, was re-established by Kouli-khan, when he restored its independence in 1733

was re-established by Kouli-khan, when he restored its independence in 1733.

KERRY, a marit. co. in the S.W. part of Ireland, prov. Munster, having N. the gestuary of the Shannon, E. and S. the cos. of Limerick and Cork, and W. the Atlantic Ocean. Area, 1,148,720 acres, of which 552,862 are unimproved mountain and bog, and 14,669 water, including the lakes of Killarney, so famous for their scenery (see Killarney). This co. is particularly wild, rugged, and mountainous. Macgillicuddy's Reeks, the highest mountains in Ireland, lie to the W. of Killarney; and several other mountain ridges rise to above 2,000 ft. in height. The coast is deeply indented by Tralec and Dingle bays, and the metuary of the Kenmare: Dunniore liead, be-

tween the bays now named, in lat. 52° 7° 30" N., long. 10° 28" W., is the most westerly land in Ireland, and consequently in the U. Kingdom. The climate is particularly mild, but also extremely moist. The soil in the low grounds mostly rests on a limestone bottom; it is very fertile, and produces fine herbage, which the mildness and moisture of the climate maintains in a constant state of grounds mostly rests on a Ilmestone bottom; it is very fertile, and produces fine herbage, which the mildness and moisture of the climate maintains in a constant state of verdure throughout the year. The arbutus flourishes in the greatest vigour round Killiarney, and in other places in this co. Large flocks of goats are fed on the mountains, which also depasture great numbers of the pure Irish breed of middle-horned cattle. There are some rather extensive dairy farms; but, speaking generally, agriculture is at the lowest ebb. Tillage farms are, for the most part, very small, and the occupiers miserably poor. The potato is, the only article they reserve to themselves; cattle, corn, butter, pigs, eggs, &c., all go to market to make up the rent. Still, however, improvements are taking place; good roads now lead into districts that were formerly mext to impervious; and some landlords, among whom Lords Headly and Lansdowne deserve to be especially noticed, have laboured, with considerable success, to introduce an improved system of management on their estates, and to meliorate the condition of the occupiers. In some parishes the greater part of the tillage is performed by means of the loy or spade; but Scotch and other improved ploughs are beginning to be introduced. The sea-weed, which abounds along the sea shore, furnishes an ample supply of manure; but it is in most parts neglected or injudiciously applied. Houses and cabins as bad as possible. Property mostly in very large estates; but some of them are leased for ever Average rent of land 72. 2d. per acre, being, Donegal excepted, the lowest in the kingdom. The Irish language is in many parts used to the total exclusion of the English; apd, in consequence, old customs and habits maintain their ground in a remarkable degree. Miterals, though in a great measure unexplored, are, no doubt, of considerable value and importance. Copper mines have been wrought near Killarney, and one is now wrought on a small scale at Cahrictiveen. Valentia Island produces good slate f

1849-30, 689. In 1841 Kerry had 46,528 inhab, houses; 31,588 families; 233,830 inhab., of whom 147,307 were males, and 146,573 females.

KERTSCH, a sea-port town of European Russia, in the Crimes, on a spacious bay on the W. side of the Straits of Yenicale, lat. 450 21' 30" N., long, 389 29' 20" E. It has recently been a good deal improved; and contains some handsome edifices, and from 2,000 to 3,000 inhab. This town occupies the site of the ancient Parakicaparsan, the seat of the Bosphorian kings, and once the residence of Mithridates. The quarantine for the sea of Azoff has been established here; and it seems probable that it will ist no distant period supersede Taganrog as the emporium of that sea. Corn, salt, and hides, are the principal articles of export. In the outer road, 5 or 6 m. from the town, there are 19 ft. water; in the inner bay there are 14 ft., and close in shore it shoals to from 9 to 11 ft. (Hagemeister on the Trade of the Black Sea, p. 63. Rng. trans.)

KESMARK (Germ. Kaicersmarkt), a royal free town of Hungary, co. Zips, on the Poprad, a tributary of the Vistula, at the foot of the Tatra mountains, 130 m. N. E. Pesth. Pop. 4,330, of whom about 2,000 are Protestants. It is surrounded with old and decayed double walls, and entered by three gates, near one of which the Emp. 31; summd, in 1433, erected a large tower, to protect the town against the attacks of the Hussites. Paget says, "In Kesmark there is nothing remarkable, except the ruins of an old castle which formerly belonged to the family of Töküly, by whose restless ambition, and war-like talents, Hungary was involved in a series of civil wars, which, but for Sobleski's timely aid, would probably have ended in delivering the whole country into the power of the Turks." (Vol. i. p. 443.) Kesmark has, however, several handsome public buildings, as the town-hall, with an elegant tower, and the large R. Catholic church; besides a R. Catholic high school, Protestant hown-hall, with an elegant tower, and the large R. Catholic church; besides

KESZTHELY.

Brigish lakes, consists principally of one long street of well-built houses. It has manufactures of linsey-woolsey stuffs, and fancy weistcoatings; black lead pencils are also made in the town, of lead from the famous mine in Borrowdale; and the potting of char taken in the lake is a considerable business. Copper mines were formerly wrought in the vicinity, but they have been long ahandoned. The principal dependence of the place is on the crowds of visiters to the adjacent lakes and meuntains, who are here supplied with lodgings, guides, conveyances, &c. It has a free-school, a national school, a workhouse, and two museums, containing many fine spectmens of natural history peculiar to the county. Property, which at present produces above 2004, a year, was bequeathed in 1642 by Sir John Banks, Chief Justice of the Common Pleas, for behoof of the poor of this, his native town. his native town.

tice of the Common Pleas, for behoof of the poor of this, his native town.

Keswick lake, or Derwent-water, is about 3 m. in length, by rather more than 1 m. in breadth, extending over an area of 1,282 acres. It has numerous small islands, is embosomed among lofty meontains, and, from its picturesque scenery, is deservedly called the "gem" of the lakes. (Tastersall's Guide to the Lakes, p. 57, &c.) KESZDI-VASARTHELY (Germ. Neumerk), atom of Transylvania, in the Sackler-Land, 45 m. N. E. Cronstadt. Pop. about 3,000. It has a Protestant gymnasium, several breweries and distilleries, and manufactures of hats, paper, and cloth; but it is chiefly noted for its military establishments. It is the head quarters of the second regiment of Sackler infantry, in the Transylvanian military frontier, and has a celebrated military school. "This institution was founded by the late emperor, and is supported partly by a royal grant and partly by the Sacklers themselves. The regulation of it is entrely in the hands of the government. On the foundation there are 100 boys, from 6 to 18 years of age, who are fed, clothed, and taught, free of all expense. A few additional scholars are admitted on the payment of about 16e, per month. The children, when they have finished their education, are drafted into the infantry, and often tise to the rank of officers. The course of etherston is to the server of the relief of the rank of officers.

are fed, clothed, and taught, free of all expense. A few additional scholars are admitted on the payment of about 16e, per month. The children, when they have finished their education, are drafted into the infantry, and often rise to the rank of officers. The course of education, besides drilling, exercising, &c., includes writing, reading, arithmetic, geography, mathematics, military drawing, and the German language. In fact, all the lessons are given in German, all the books are German, and the children are even obliged to speak German to each other. The national language is never heard within the waits of the school." Hence the Sseklers affirm, that the grand object of the school is to denationalise their children, and make them renounce their native language; so that in institution, whatever may be its ultimate influence, tends, in the mean time, to keep alive the distrust which these borderers emtertain of the Austrian government. (Paget's Hungary, 147, 41e, 16e, 16et. Nat. Emerge.)

KESZTHELY, a market town of Hungary, in the circ. on the other side the Danube, co. Ssalad, near the W. end of lake Balaton, 38 m. 8. W. Vesprim, and 98 m. 8. Presburg. Pop. 7,500. "It is," says Mr. Paget, "a thriving little town, and of considerable importance from the great school of agriculture founded here by Count George Festetits, and known as the Georgicon, which, shough no longer in so sfourishing a state as formerly, has atill several professors and practical teachers maintained at the Count's expense." The object of thie establishment is to form useful and well-instructed officers and accountants for the management of entates, to give instruction in particular branches of husbandry, as telligit or ten scholars are pensioned by the Count, the rest being independent students; and the school is divided into 6 sections, 1. for scientific agriculture, and its auxiliary sciences; 2. for the law of property, as affecting laudiords and tenants; 3. for practical husbandry, as taught to the peasantry, 4. for forest-planting an chambers are set apart for the pensioners; and the lower floors are occupied by the farming servants and their families, and by a spacious workshop for carpenbers and coopers. The outbuildings comprise stalls for fattening cattle, a shed for sheep, a granary, brewhouse, and a house for silkworms and the winding of silk; garders; and orchards of different kinds are laid out for the pur-pose of teaching hortculture in all its branches, and on a farm set apart from the rest of the Count's cuttees, practical butters too its eigen in the rotation of evens practical instruction is given in the rotation of creps after the Norfolk system. In fact, the Georgioon, as described at length by Dr. Bright, (to whose valuable

work we beg to refer the reader, who desires further information,) is a most complete establishment, and if conducted at present with the same vigour as at the time of conducted at present with the same vigour as at the time of the Doctor's visit, it cannot fail of being highly serviceable. The other educational institutions are a Catholic symmasium, a high and normal school. The public buildings comprise besides the Georgicon, a fine castle, in which Count Festetits resides, and which contains a library of 15,000 volumes, 2 Catholic churches, a convent, and an hospital. Wine, from the extensive vineyards in the neighbourhood, is a considerable article of trade, and several hands are employed in weaving woollen fabrics. (Paget's Hungary, vol. ii. 571; Bright's Travels in Lover Hungary, pp. 360—390.

KETSKEMET, or KUZKEMET, a market town of Hungary, circ, on this side the Danube, co. Pesth, 50 m.

Hungary, circ. on this side the Danube, co. Pesth, 50 m. 8. B. the cap., lat. 46° 54′ 29′ N., and long, 19° 43′ E. Pop., in 1845, 42,000. The houses are generally low, the streets long, narrow, and crooked, and the surrounding districts of a dull monotonous character: there are five churches (Arm. Barn Cath. and page and belonging to districts of a dull monotonous character: there are five churches, (two Rom. Cath., and one each belonging to Greeks, Lutherans, and Calvinists,) a Franciscan con-vent, a reformed college and gymnasium, a Piarist col-lege, a normal school and a school of design, an orphan asylum, and a military hospital. The breeding of horses, cattle, and sheep is the chief employment of the pop.; and there are some tanneries and soap factories. (Ocst.

cattle, and sheep is the chief employment of the pop.; and there are some tanneries and soap factories. (Oest. Bacyc.; Dict. Géog.)

KETTERING, a market town and par. of England, co. Northampton, Huxloe hund., on an affluent of the Nen, 14 m. N. E. Northampton, and 65 m. N. N. W. London. Area of par., 2,840 acres. Pop., in 1841, 4,867. The centre of the town comprises a spacious area, surrounded by well-built houses and shops, with a commodious sessions-house; but in the suburbs are many low thatched tenements that have a mean and wretched appearance. The church, considered a fine specimen of ecclesiastical architecture, has an elegant embattled tower at its W. end, surmounted by a light crocketted spire: the living is a rectory. There are places of worship also for Wesleyan Methodists, Baptists, ludependents, and the Society of Friends. Sunday schools are attached to all, except the last; and there is a small free school; this, and an almshouse, for 6 poor widows, are the only endowed charities of the town. Several hundred weavers are engaged at Kettering, and the neighbouring villages of Rothwell and Desborough, in making silk plush for hats: a great number of hands were formerly employed in woollen and worsted weaving, but this branch of industry appears to have declined of late years.

making slik plush for bats 1 a great number of hands were formerly employed in woollen and worsted wearing, but this branch of industry appears to have declined of late years.

KEW, a village and par. of England, co. Surrey, hund. Kingston, on the S. bank of the Thames, about 7 m. W. London. Area, 230 acres; pop., in 1841, 922. This village, which is connected with Brentford on the opposites side of the river by a handsome stone bridge of 7 arches, consists principally of the houses on and near a large and neatly kept green. The par. church is a small brick structure with a turret at the W. end. Many handsome residences are scattered over the village, but none deserves particular mention except Kew House, or Palace, a red brick building of the age of James I, for many years the favourite residence of George III. and his queen. It was taken on lease from S. Molyneux, Esq., by Frederick, Prince of Wales, and was greatly improved in its interior sittings by Kent. George III. acquired the property in fee simple, and it is still occupied by members of the royal family or persons belonging to their households. Near this house, and close to the river's bank, a new palace was commenced by George III.; but the situation and plan of the building proved to be ill chosen: it was never completed, and was ultimately taken down in 1827. The grounds, which were first laid out by Sir William Chambers for Frederick, Prince of Wales, have since been greatly improved. They are under the management of the Commissioners of Woods and Forests, and consist, at present, of what are called the pleasure grounds, comprising about 130 acres, open to the public every lawful day. The improvements in the latter, which began in 1840, have been on a very grand scale, and they now form one of the favourite resorts of the Londoners, having been visited, in 1849, by 137,855 persons. The plam-house, completed in 1849, by 137,855 persons.

ground flue to an ornamental tower at a little distance. Opposite the palm-house is a fine piece of water; snd the whole garden, whether reference be made to its fittings-up, or to the infinite variety of rare and valuable plants with which it is furnished, reflects the highest credit on the public liberality, and on the taste of those by whom it has been planned and directed. In the pleasureor whom a new own passines and director. In the pleasure-gardens are different grotesque, if not very elegant, build-ings; the largest and most celebrated being an octagonal Chinese pagoda of 10 stories and 163 ft. high, from the top of which is an extensive view of the surrounding

top of which is an extensive view of the surrounding country.

KEYNSHAM, a market town and par. of England, co. Somerset, hund, of its own name, at the confluence of the Chew with the Avon, 5 m. E.S.E. Bristol, and 100 m. W. London. Area of par. 3,330 acres. Pop. in 1841, 2,307. The town is built on a rock, and consists of a single street, about a mile long. The church, which stands in the centre of the town, is a large and handsome edifice, with a fine lofty tower at its W. end, and some curious monuments: the living is a vicarage, in the gift of the Duke of Buckingham. The Wesleyan Methodists and Baptists have places of worship, to each of which, as

curious monuments: the living is a vicarage, in the gift of the Duke of Buckingham. The Wesleyan Methodists and Baptists have places of worship, to each of which, as well as to the church, Sunday schools are attached. A well conducted charity school also furnishes a plain education to poor children of both sexes. The river Chewruns through the E. end of Keynsham, and falls into the Avon at the bridge, which is of stone, and consists of 15 arches: another bridge crosses the Chew on the Bathroad. The tides of the Avon ascend up to this town. The clothing trade, formerly considerable, has now almost wholly fallen to decay, though a few people are still employed in spinning and winding for the clothlers of Bradford and Shepton-mallet. Coarse linen-weaving has been introduced within the last 15 years, with little success; but a good deal is done in maliting.

KEY-WEST. See SUPPLEMENT.

KHARKOFF, a government of European Russia, having on the N. Tchernigoff and Koursk, on the E. Voncetz, on the S. Ekaterinosiaff, and on the W. Foltava-Area, 21 sq. m. Pop. in 1846, 1,467,400. This, like the other governments of Little Russia, has a flat, monotonous surface, and a very fertile soil. It has nearly 470,000 declatines of forests. Principal rivers, Donety, Orkol, and Vorskia; but none of them are navigable, at least, for any considerable distance. All sorts of corn are raised, the produce in ordinary years amounting to above 5,000,000 chetwetts, of which about 1,000,000 are exported. Flax and hemp, tobacco, hops, &c., are also raised, and the potato is extensively grown. Cattle excellent; there are few peasants without bees. With the exception of distilleries, which are numerous, and some tanneries, and establishment for the preparation of tailow and saitpetre, manufacturing industry can hardly be said to exist. The Fre por consists of Little Russians, tallow and saltpetre, manufacturing industry can hardly be said to exist. The pop. consists of Little Russians, Great Russians, and Cossacks. Some regiments of cavalry are colonised in this government. (Schnitzler, La Russia, A. 1)

valry are colonised in this government. (Schwitzer, Ls. Russic, &c., p. 471.)

Khankoff, the cap. of the above government, on the Lopanh, lat. 49° 59' 37" N., long. 36° 36° 32" B. Pop. 30,000. It is built of wood; has narrow, crooked, and dirty streets; the ramparts by which it was formerly surrounded have been converted into gardens and public surrounded have been converted into gardens and public walks. It is the residence of the provincial authorities, and has a cathedral, a gymnasium, an ecclesiastical seminary, &c. Kharkoff is the seat of a university, founded in 1804, which, in 1846, had 83 professors and masters, and 486 pupils. It pressesses a pretty good library, and a valuable collection of medals. This town is the seat of a considerable commerce. Four fairs are held each year, of which that called Krechtchenski (Jan. 3-15), and that of the Trinity, are the most extendive. If we may depend of the Trinity, are the most extensive. If we may depend upon the official accounts, merchandise to the amount of 31,544,774 roubles was brought, in 1833, to the first of these fairs, above two thirds of which was disposed One of the other fairs is exclusively, or principally,

of these fairs, above two thirds of which was alsposed. One of the other fairs is exclusively, or principally, for wool. (Schwitzler, set suppra.)

KHELAT, or KELAT, a city of Beloochistan, of which it is the cap, and a fortress of considerable strength, now in possession of the British; or an elevated site, on the W. side of a highly cultivated plain about 250 m. N. the Indian Ocean, and 240 m. 3. by W. Candahar; lat. 29° 7° N., long, 65° 45° B. Pop. estimated by Pottinger at 20,000, chiefly Beloochees, Brahooes, Hindoos, and Afighans. The town, of an oblong form, is described by Pottinger, in 1810, as encompassed on three sides by a mud wall, 18 or 20 ft. high, Banked at intervals of 560 paces, by bastions pierced, as well as the wall itself, with numberless loopholes for matchlocks. The defence of the fourth side is formed by the W. face of the hill, on which the town is partly built, being cut away perpendicularly. On the summit of this emilience stands the palace of the khan, enclosed by a mud wall, with bastions, kept in better repair than any other portion of the fortifications. In 1839, Major Willshire said, "The defences of the fort, as in the case of Ghiznee, far ex-

eccled in strength what I had been led to suppose from previous report; and the towering height of the inner citadel was most formidable both in appearance and reality." (Part. Report on Ekelst.) It is, however, commanded by heights to the N. and W.; it has three gates, and above 2,500 houses within the walls; and, in 1810, about half as many more were comprised in the subsurbs. The houses are of half-burnt brick, on wooden frames, and plastered over with mud or chunam. The streets are generally broader than is common in the E., and have a raised footway on either side; but their centre and have a raised footway on either side; but their centre is a receptacle for all sorts of filth; and they are dark and gloomy, from the upper stories of the houses nearly meeting. The markets are well furnished with flesh, vegetables, and other necessaries, at a cheap rate; and the town is supplied with excellent water by a spring, which, according to Pottinger, is tepid during the night, but after sunrise becomes cold, and remains so the whole day. Some water-mills are turned by the stream from this source. Khelat has some trade and manufactures, respecting which are Baloochistran (Vol. 1, p. 350,).

The many outrages alleged to have been committed on

The many outrages alleged to have been committed on the followers of the army of the Indus, at the instigation of the khan of Khelat, compelled our interference; and Khelat was taken by storm by the British, Nov. 13, 1839,

Khelat was taken by storm by the British, Nov. 13. 1839, after a siege of a few hours.

KHERSON, a gov. in the S. part of Russia. in Europe, on the N. shore of the Black Sea, between the rivers Dniestr, on the W., and Dniepr, on the E. Area, variously estimated at from about 25:00 to 30.000 sq. m. Pop., in 1838, including the military colonies, 765.000. Besides the great boundary rivers, already specified, it is divided into two not very unequal portions by the Bug. In the N. part of the government, the surface is undulating and covered with immense forests; but elsewhere it consists mostly of an immense strene, without andulating and covered with immense forests; but elsewhere it consists mostly of an immense steppe, without trees, and covered with grass the height of a man. Generally, the portion on the W. side of the Bug is decidedly more fertile than that on the E. side. Climate in extremes, the rivers being mostly frozen over for a short time during winter, while in summer the thermometer rises sometimes to above 25° Réaum. Agriculture has made little progress, and is but a secondary pursuit, the rearing of cattle and sheep forming the chief employment of the inhab. The breed of sheep has been much improved, and is now the best in the empire. Among the horned cattle, buffalos are common. Flax and hemp, tobacco, saffron, liquorice, &c., are all cultwated; and a good deal of an inferior acid wine is made. There are establishments for the cleaning and orting of wool, tannerles, tallow and candle works, with manufactories of cloth, &c. The commerce of the government centres entirely at Odessa and Kherson, and is very extensive.

vernment centres entirely at Odessa and Kherson, and is very extensive.

KRESSON, the cap. of the above government, on an eminence on the right bank of the Dniepr, about 60 m. above Kinbourn Fort, at the entrance of the setuary to that river, lat. 48-9 37' 46" N. long, 330 38' 33" K. It was founded in 1778; was fortified in 1780; and soon after became a large and flourishing town. Owing, however, to the difficulty of navigating the Dniepr, which, for 15 m. below Kherson, is shallow and encumbered with shifting sand banks. Odesas, founded in 1792, soon took precedence of it as a commercial emporium, and it began to decline. Its pop., amounted, in 1844, according to the official accounts quoted by M. Schnitzler, to 24,508. It is divided into four distinct parts: the citade, the admiralty, and the Greek and military suburbs. Within the first are the government buildings, arsenal, prison, barracks, and the cathedral. The latter is the burial place of the celebrated Prince Potemkin, the power-sulf arounite of Catherine II., who died near Yasay, in 1791. In the admiralty are the docks, for constructing ships of war, cut out of the limestone rock. They are sent down the river on machines, called camels, but only when there is a large flood. The Greek suburb is inhabited by the burgesses, and the military suburb by saliors and artizans.

Within these few years a part of the mast trade the standard converte to be confident to Head has been

and artizans.

Within these few years a part of the mast trade
that used formerly to be confined to Riga, has been
transferred to Kherson; and, besides masts, staves,
planks, flax and hemp, corn, cordage, tallow, wool, of
which it is a principal market, &c., are sent down the
Dniepr to Kherson. But owing to the cataracts and
other obstructions to the navigation of the river between Eksterinoslaff and Alexandrofsk, these shipments
can only be made in soring and autumn; and when the tween Eksterinoslaff and Alexandrofak, these shipments can only be made in spring and autumn; and when the commodities have reached Kherson, it is found most convenient to ship them coastwise in small vessels for Odessa where they are put off board the ships in quarantine. In fact, owing to the difficulties now mentioned, the greater part of the corn from the ci-dreass Polish provinces, shipped at Odessa, is not brought down the

Dniepr, but is conveyed, direct to its destination, in

Dulept, but is conveyed, direct to its destination, in waggons drawn by oxen.

John Howard, the celebrated English philanthropist, expired at Kherson, on the 20th of January, 1790; and is interred about 3 m. N. from the town, where an obelish has been erected to his memory. (For further particulars as to Kherson, see the art. Diviters, in this Dictionary, the works of Clarke and Lyall, as referred to this memory. (For many the works of Clarke and Lyall, as referred to the hards hadow. Schainthe 14 Russie &c. p. 723.

siculars as to Kherson, see the art. Drivers, in this Dictionary, the works of Clarke and Lyall, as refered to in the note below; Schmitzler, I.a Russie, &c., p. 722.; Hagemeister's Report on the Commerce of the Black Sca, Eng. trans., p. 70. &c.)

KHIVA, KHARESM, or ORGUNJE (an. Chorasmia), an indep. khanat of Turkestan, in Central Asia, properly comprising only a narrow strip of fertile land along the Oxus, in the lower portion of its course. Of late years, however, it has established a supremacy over the wandering Turkman hordes to the S. and W., and holds Merré (Murù), with its territory, on the road between Khorassan and Bokhara. Its dominion is believed at present to extend between the 36th and 4th degrees of N. lat., and 52d and 64th of E. long, having E. the Karakapack territories and Bokhara, S. Afghanistan and the Persian prov. of Khorassan, W. the Casplan, and N. the Kirghis Steppe and the Sea of Aral. The pop. of this extensive territory is estimated by Sir A. Burnes at only 200,000 at most, nearly the whole surface consisting of unproductive sandy wastes. The Oxus is the great fertiliser of the tract it passes through; many canals communicating with it have been cut for the purpose of irrigation, some of which are 30 m. in length; and the cultivated lands in the neighbourhood of the capital are surrounded with wet ditches. The climate and products are much the same as in Bokhara; the summer is warm, the air dry, and evaporation ranid; the winter is short, and ice lasts only Beignournous in the tagina are statement and ditches. The climate and products are much the same as in Bokhara; the summer is warm, the air dry, and evaporation rapid; the winter is short, and ice lasts only a few days at a time. Agriculture is better attended to in the small extent of productive land comprised in this khanat than in some of the neighbouring countries. The in the small extent of productive land comprised in this kanat than in some of the neighbouring countries. The lands, after being irrigated, are manured; but animal manure is scarce, from the faces of the cattle being used as fuel, and their being seldom stalled. Wheat, barley, diggari (Holcus sacchara'us), millet, sesamum, oleaginous plants, lentils, fruits, linseed, cotton, hemp, flax, and some rice, are grown. The vine thrives well; but the inhab., being chiefly Mohammedans, little or no wine is made. The distillation of brandy from raisins has, however, been introduced by the Persians; and, out of the capital, the inhab. Indulge pretty freely in its use. An intoxicating liquor, as well as a narcotic product for smoking, is obtained from hemp. Little tobacco is grown. Many of the fruits are good, and the melons are excellent; but the culture of fruit-trees is nearly abandoned for that of grain or fodder. Wood is sufficiently abundant in the N., and is not dear in the capital; but over all the desert the only vegetation is a lew stunted bushes. Horned cattle are few; sheep and goats are much more numerous, their fesh, with that of the horse, forming the chief animal food of the inhab. Camels are the principal beaats of burden, and almost every khivan possesses one. Agriculture and cattle every khivan possesses one. Agriculture and cattle rearing occupy most of the settled pop.; but some cotton and silk stuffs, shawls, &c. are made by the women, and exported to the neighbouring countries. The dominant and silk stuffs, shawis, &c. are made by the women, and exported to the neighbouring countries. The dominant race in Khiva, as in Bokhara, is the Uzbek, to which the kham belongs; the rest of the pop. consists of Ouigours, Turkmans, Karakaipacks, Tadjiks, about 2000 families, chiedy prisoners of war, from Bokhara, and a few Afghans, Jews, Armenians, Persians, Eimauks, Kirghiz, &c. The Uzbeks enjoy no privileges over the rest, but they compose the chief portion of the khan's army. The Turkmans are altogether nomadic, and live principally by plunder, especially the capture and sale of slaves. They seize upon the subjects of Russia on the Caspian, and make many inroats into Khoraasan: Bokhara and the whole of Turkestan is supplied by them with Per-tan captives. In 1835, according to Sir A. Burnes, the rewer as many as 2,000 Russian slaves in Khiva; and the capture of her subjects was one of the principal cause. capture of her subjects was one of the principal causes (and a substantial one certainly) of the late hostile at-(and a substantial one certainly) of the late hostile attempts of Russia against Kbiva. It is estimated that from 30,000 to 40,000 of the pop. of the khanat are slaves. They have frequently a plece of land given them to cultivate, or are permitted to exercise some handleraft, paying an annual rent to their masters for the privilege, from the produce of which they are afterwards frequently able to ransom themselves. No foreign slave, however, even after the purchase of his liberty, is permitted to leave the country. Meyendorf, in comparing this khanat with that of Bokhara, observes:—

"Though the inhab. of the two countries are of the same race, and profess the same religion, the schools of Kbiva. "Though the inhab, of the two countries are of the same race, and profess the same religion, the schools of Khiva have never enjoyed the same reputation as those of Bokhara; the Khivans are more barbarous than the Bokharese, as is attested by an inferior agriculture, worse habitations, a more limited commerce, less wealth, and a more savage mode of life." (Voyaga Boukhara, p. 111.) According to Burnes, the Khivans are at best

^{*} Dr. Clarke says that the body was taken up by order of the emperor Paul, and deposited in "the first hele that could be found." (Vol. ii. p. 338. 8vo. ed.) But Dr. Lyall assures us that this insane crear, though given, was not obeyed. (i. p. 314.)

but an organised banditti, protected by the natural strength of their country. The trade of such a country may be dismissed in a few words. Four routes exist for communication with Russia: one through the Kirghiz steppe, W. of the Aral Sea, to Orenburg; a second by way of Sarachak, or Sarachik, on the Oural, also to Orenburg; a third through Sarachak to Astrakhan; and a fourth from Khiva to Karaghan, on the E. shore of the Casnian whence goods are sent by sea to Astrakhan. (Hec. a fourth from Khiva to Karaghan, on the E. shore of the Caspian, whence goods are sent by sea to Astrakhan. (Hecren, Rescarckes on Asiatic Nations, \$c., transl. II. 288.) About 2,000 camels go annually to Orenburg, Astrakhan, and some towns of Caubul and Persia, with wheat, barley, silk and cotton fabrics, and yarn; and about a dozen large boats come annually from Astrakhan to Karaghan and the Gulph of Manghislak, with the products of Russia and the West, to be exchanged for those brought by the caravans from Khiva. The chief imports are slaves, coin, iron and conper, wrowels and invenent; bentkerchiefs. vans from Khiva. The chief imports are slaves, coin, iron and copper, wrought and unwrought; handkerchiefs, wax, honey, sugar, tea, which, as in Bokhara, is a favourite article; cochineal, spices, hardware, &c. The commerce with Persia is insignificant. The merchandise which goes to Asterabad is conveyed on camels, at a charge averaging from 3½ to 4 roubles per pood, under the conduct of Turkman guides. The trade of Khiva is solely in the hands of Turkmans, Khivans, and Persians; none but Mohammedan merchants being suffered to transact business within the khanat. No foreign merchants has through or into the country with essent fered to transact business within the khanat. No foreign merchants pass through or into the country with ease or safety; when not openly robbed of a large portion of their goods, the caravans are delayed by the khan's officers, the bales of merchandise are opened, and much property has been at times extorted. The khan demands duties at the port of Manghislak, on the Casplan, which lies opposite Astrakhan, and sometimes (it is said) on the Jaxartea, E. of the Aral Sea. In order to reach Bokhara by a route avolding Khiva altogether, the Russians attempted, in 1820, to send caravans by way of the latter river; but the khan took umbrage at a measure which turned the traffic from his own territories, and sent an army to the Jaxartea, which intercepted a caravan, and occasioned the destruction of its merchandise. Since then, no attempt has been made by the Russians to follow any route other than that through this khanat; but no intercourse of a really friendly nature has taken

and occasioned the destruction of its merchandise. Since then, no attempt has been made by the Russians to follow any route other than that through this khanat; but no intercourse of a really friendly nature has taken place between the two countries.

The commercial duties realised by the khan amount to, perhaps, half his total revenue, which latter is roughly estimated, by Helmersen (Chiva, &c. p. 45.), at 2,000,000 roubles, or france: the remainder of this sum being made up of 1-5th of the produce of every predatory excursion of his subjects, a family tax of 3 ducats a year, taxes on warhorses, on land cultivated by slaves, &c. A regular transit duty of 24 per cent. as valorem is levied on all kinds of merchandise passing through the country. The government is despotic: for judicial affairs, each town has its atalyk, or judge; and in the cap. is a central court of justice in the last resort, composed of the cast or chief priest, the four ministers, and other members nominated by the khan. The khan may sometimes raise a force of 10,000 men, and has a park of nine pieces of ordnance. His troope, which are mostly cavairy, are entirely composed of Usbeks and Turkmans, and armed like those of Bokhara: some of the Turkmans carry bows and arrows. There are in the khanat, besides Mervè, only two towns worth notice, — Khiva, the cap. and seat of government, and Orgunje, the chief commercial town, and largest of the two.* Khiva was tributary to Bokhara it it he iate khan rendered it independent, early in the present century. The present khan, in 1832, led a hostile army into Mervè, which he subdued, but he has always maintained friendly relations with Bokhara. Political relations have long existed between Russia and Khiva, envoys having been sent from the one to the other as early as the time of Peter the Great. Latterly, the Russians have determined to put an end to the robberies committed by this horde; and though the impracicable nature of the country has hitherto hindered them from reaching Khiva, there is little d

timate success. The success is the success of the success. Khiva, a town of Central Asia, cap. of the above khanat, and residence of the khan; in an irrigated and fertile plain near the Oxus, 390 m. W.N.W. Bokhara, and 720 m. S.S.E. Orenburg. on the high road between those two cities: lat. 41° 40° N., long. 59° 23° E. Pop. doubtful, but probably from 10,000 to 12,000. The town is surrounded by a mud wall and wet ditch, and contains about 700 houses, the suburbs comprising 1,200 more. Khiva has a palace, which, like nearly all the rest of the dwellings in the town, and in the khanat generally, is of mud, though placed upon an eminence composed of stone. The only stone buildings in the town are three mosques, one having a handsome minaret; a school, and a caravansera. Khiva is externally picturesque, being surrounded with gardens; but its streets are so narrow

KHOKAN.

as scarcely to admit a laden camel. Its pop. is very mixed; its chief trade is in slaves, for which it is the largest mart in Independent Turkestan. (Helmersen, Ge.; Heeren; Chiene, Benoard; Mourauf; Burnese, Ge.; Heeren; Chienes Repository; Zinamermann's Memotr on Khienah, 1841.)

KHOI, a town of Persia, prov. Azerbijan, and cap. of a distr., 70 m. N.W. Tabris. Pop., according to Smith, about 5,000 families, or 30,000 inhab. It is situated on a tributary of the Kur, about 25 m. N. from the lake of Urmlah, and is a handsome, well built town, in much better repair than most others in Persia. It has few mosques or large public buildings; but the regular streets, shaded with avenues of trees, give the town, on the whole, an appearance of respectability and even grandeur. A large and bandsome baxaar, with a caravanseral, furnishes ample accommodation to the merchants, who carry, on a considerable trade with Turkey vanserai, furnishes ample accommodation to the merchants, who carry on a considerable trade with Turkey and E. Persia. The suburbs were formerly inhabited by about 600 Armenlans; but their number has greatly decreased since the war with Russia, when most of them migrated N. of the Araxes. The plain of Khoi is celebrated as the scene of a great battle fought in 1514 between Shah Ismael and Selim I., in which the Turks, though the most numerous, were signally defeated. Smith and Dwight's Miss. Researches, p. 315.; Jaubert, Voyage en Perse, p. 148.; Ritter, Asia, ix.; Kinneir's Persian Ramire. p. 154.)

Voyage or Perse, p. 148.; Ritter, Asia, ix.; Kisneir's Persian Empire, p. 154.)

KHOJEND, a town of Indep. Turkestan, in Central Asia, khanat of Khokan, near its W. extremity, cap. distr. of same name, on the Jaxartes, 90 m. W. Khokan, and said to be as populous as that city, or Samarcand, from which it is 150 m. N.E. It is built on rising ground, and protected by walls, which, however, are much decayed on the S. and W. sides. It is surrounded by wet ditches, and intersected by canals. It is of bigh antiquity; and near it, Nazarov says, are some remarkable ruins. Khojend has manufactures of coarse cotton goods; and a brisk trade in these, and in Russian merchandise. It is the station at which the caravans entering the khanat from Bokhara pay toll; as the town of Usch is for those entering from the Chinese dominions. (Nazarov; Helmerzen; Ritter, Asicn Erd-kunde.)

town of Useh is for those entering from the Chinese dominions. (Nazarov; Helmerzen; Ritter, Asien Erdkunde.)

KHOKAN, ROKAN, or FERGHANA, an indep. khanat of Turkestan, in Central Asia, between lat. 40° and 45° N., and long, 67° and 75° E.; having N. the Kirghis steppe, E. and S. E. Chinese Turkestan, S. the table-land of Pamere and Bokhara, and W. the desert territory of the Karakalpacks. It is, for the most part, mountainous, comprising a portion of the region which forms the W. wall of the great table-land of E. Asia. (See Asia, Vol. 1, p. 167.) The Jaxaries (Sir or Sihoon), which rises not far beyond the E. boundary, traverses it E. to W., about its centre, watering many fertile tracts. Khokan is divided into 8 provinces or districts. Great extremes of climate are experienced at different seasons. The products are very similar to those of the countries to the S. and W. This khanat has a greater extent of cultivable and pasture land than Bokhara. In the S., corn and fruits, especially grapes and melons, grow in great perfection; and a prover bof Central Asia praises the "pomegranates of Khojend with the apples of Samarcand." This was the patrimonial kingdom of the Emperor Baber, who celebrates in lively terms its beauty and fertility. Cotton and the mulberry are articles of constant culture, silk being the chief staple, and one for which Khokan is famous. The pastures on the Jaxartes are excellent; sheep are the principal live stock, and wool is an important product. The camel, horse, and ass are extensively used; and horse-fiesh is a common article of food. Game is very plendiful. Coal, iron, copper, jasper, lapis lazuli, &c. are the chief mineral products. The use of coal has been long known in Khokan, since Abulfeda speaks of "stones that fisme and burn" being found there; and this important mineral may, at no very distant period, become a powerful auxiliary in civilizing this, at prelong known in Khokan, since Abulfeda speaks of stones that fisme and burn' being found there; and this important mineral may, at no very distant period, become a powerful auxiliary in civilizing this, at present, semi-barbarous region. The inhabs, are mostly Uzbeks; to which race, as in Bokhara and Khiva, the khan belongs. They are Mi-hammedans, and equally bigoted and strict in their religious customs with the Bokharese. The dialect they use is the Jagatai-Turkish. The rest of the pop. are chiefly Tadjiks (ace Bokhara, Vol. 1, p. 287.) and Kirghis, who inhabit the N. and R. The Tadjiks are deprived of the right of property, which they enjoy in Khiva and Bokhara, and are only suffered to cultivate the soil under the Uzbeks. After agriculture, and the rearing of sheep and silkworms, the thief occupation of the people is the manufacture of embroidered silks and cotton goods. The former are much worn by the Kirghis hordes; the latter are sent in large quantities to Bekhara, the returns being made in Russian goods, as iron, steel, woollen cloths, otter-skins, cochineal, vitriol, sandal-wood, &c. Shawis and other Indian manufactures come from Cashmere and the Punjab, by Caubul

^{*} This is the statement of Burnes. Hagemeister (1839) says, that all the commerce of the khanat is now centred in the cap.

and Balkh. The rest of the trade is chiefly with Budukshan; the intercourse with Chinese Turkestan is very limited, owing to the ill-feeling that exists between the khan of Khokan and the Chinese authorities. The same cause renders the intercourse between Yarkund and Bokhara less frequent; the nearest and best route between those cities leading through the valley of the Jaxartes. This route, though passing over mountains on which travellers experience difficulty of breathing, is gooded by the melting of the snow. It may be travelled by a caravan in 45 days; and merchandise may be conveyed from Bokhara as far as Khokan in carta, the route between those two cities being the best in all Indep. Turkestan. Some Russian caravans from Semipalatinsk, Petropawiawsk, &c., go by the route through Khokan to the Chinese frontier: and 3 times the quantity of Russian piece goods are sold in this country that go to Bokhara. Of late, indeed, this knanat has begun to have a very active trade with Russia, the caravans engaged in this trade passing hrough a region much less interrupted by marauding parties than those between Russia and Bokhara, through the territories of Kiva and the Little Kirghis horde. According to Burnes, a commercial intercourse is also The rest of the trade is chiefly with Buthe territories of Kkiva and the Little Kirghis horde. According to Burnes, a commercial intercourse is also kept up between Khokan and Constantinople. A duty of 2½ per cent., ad valorem, is laid on all merchandise imported by Soonite Musuulmans, and 5 per cent. on the goods of all other individuals passing the frontier; but these duties are levied with little regularity. Internal commerce is entirely free, as in Bokhara, and the trade is second only to that of the last-named country. Each town possesses at least one carvansers, and has trade is second only to that of the last-named country. Each town possesses at least one caravansera, and has stated fairs, at which a good deal of business is transacted. Besides the cap., the chief towns are Andejan, Khojend, Turkestan, and the others which give name to the several provs. The government is despotic; the khan, maintains an army of about 10,000 cavalry, which he can, on an emergency, increase to 30,000. According to some Chinese records, it would appear that this country was formerly subject to China; it has, however, for many ages thrown off its allegiance. In the early part of the present century, many of the adjacent Kirghiz tribes were reduced to subjection; but about 1830, the khan having supported the Mohammedans of Cashgar against their Chinese masters, was totally defeated in a great battle, and his territories invaded by the latter; since which the power of Khokan has been on the decline. This, and the neighbouring countries are interesting.

great battle, and his territories invaded by the latter; since which the power of Khokan has been on the decline. This, and the neighbouring countries are interesting, from having been the seats of nations whose armies have frequently changed the political face of Asia, and even in some degree of Europe. Besides giving birth to Baber, the conqueror of Hindostan, who ascended the throne of Ferghana in 1494, Khokan, and its vicinity, abounds with localities intimately connected with the history of Jenghis Khan and Timour.

It is probable that this country will, at no distant period, be united to Russia. The boundary between Russia and Khokan, as determined about 1828, was fixed at the Kuk.su, or "Blue river," long. 670 30' E. (?); but, according to the Asiatic Journal (Aug. 1834, p. 374.), the Russians had then crossed that river, and erected forts on the Khokan side.

KHOKAN, a city of Central Asia, cap. of the above khanat, and seat of its gov., on the Jaxartes, 230 m. N.E. Samarcand, and about the same N.W. Cashgar. It is reported to be about half the size of Bokhara, which is supposed to contain 150,000 inhab. Khokan is an open town, but contains a palace fortified with a wall of mud, of which material most of the houses in the town are constructed. The only exceptions are three bazaars, built of stone, open twice a week for the purposes of trade; some ancient monuments in different parts of the city, and some large stables constructed brick, and belonging to the kham. There are a great purposes of trace; some ancient monuments in different parts of the city, and some large stables constructed of brick, and belonging to the khan. There are a great many mosques and public schools, and several caravanseras. Among the pop. are many Cashmerians, and some Hindos, Jews. Nogal-Tartars, and Russians. The streets are narrow, unpaved, and unpleasant; but

The streets are narrow, unpaved, and unpleasant; but its vicinity is very productive, and sprinkled with numerous gardens, cultivated fields, meadows, and villages. (Watken, in Bengul Journal; Nazavo; Meyendorff; Burnes; Ritter, Asica Erdkusde, v. 750—784. &c.)

KHONSAR, a town of Persia, prov. Irak-Adjimi, 82 m. W.N.W. ispahan; lat. 300 7° N. long. 309 26° E. It is said, by Kinneir, to contain 2,500 families, or from 12,000 to 12,000 people. Its situation is singularly interesting and romantic, at the base of two ranges of mountains, running parallel to each other, and so very close, that the bouses occupy the bottom, and, at the same tains, running parallel to each other, and so very close, that the bouses occupy the bottom, and, at the same time, the face of the hills to some height. The town is about 6 m. long, but only ½ m. broad, and each house is separated and surrounded by its own garden. The hills afford an ample supply of water; and the appearance of the black and barren rocks, without a particle of vegetation hanging over the gardens, forms a striking contrast with the luxuriant and variegated foliage of the plantation. No corn of any kind is grown in the valley; but the fruit is so abundant, that it alone enables the inhab. to procure in return every article either of necessity or convenience. According to Kinneir, it yields an annual revenue of 5,000 tomans, exclusive of a payment usually made in dried fruits and cotton chints. (**Riesseir's Persis, and the convenience of the con

revenue of 5,000 tomans, excusive or a payment measuring, p. 198.)

KHOOLOOM, KHULM, or TASH-KURGHAN, a town of the khanat of Koondoox*, in Central Asia, on the Khulm river, a tributary of the Oxus, and on the high road between Balkh and Koondoox, 40 m. E. by S. the former, and 68 m. W. by S. the latter city. Lat. 36° 28° N., long, about 68° R. Pop., estimated by Burnes in 1832, at 10,000; and if this number may be depended upon, either the pop. had greatly declined during the preceding ten years, or (which is most probable) the number of houses had been much exaggerated by Moorcroft, by whom they were estimated at 20,000. According to the latter, "The houses are built of clay and sun-dried bricks, of one story, with domes, in the usual fashiou of the country, and estimated breadth, intersecting each other at right angles, and have commonly a stream of water running through them. The town is surrounded by a wall of earth, with wooden gates; a sufficient protection against sudden incursions of horsemen, but none against artillery. It is also guarded by two forts, one on an eminence, on the loth brank of the river to the S. E.; the other on the left them. The town is surrounded by a wall of earth, with wooden gates; a sufficient protection against sudden incursions of horsemen, but none against artillery. It is also guarded by two forts, one on an eminence, on the right bank of the river to the S.E.; the other on the left hank, and on the plain: both are of earth, and of no strength. There are 4 tolerably good serais for travellers. The inhabs, are chiefly Tadjiks and Caubulees, with a sprinkling of Usheks. The shops for dyes and drugs are usually kept by Hindoos, who also act, in a small way, as bankers. The vendors of dried fruits are mostly from Caubul. The Usbeks engage little in traffic. They are all, rich and poor, dressed much allike, in long gowns of striped cotton ginghams. Baxaars are held every Monday and Thursday, when horses, asses, mules, camels, cows, sheep, and goata, are brought to their respective markets. A sheep sells at from two to four rupees; they are of the large tail variety, and the fat of the tail, and along the back, is commonly 1-3d of the weight of the sheep, including the bones. Cotton cloths, cotton in the pod, tanned leather, raw hides, fuely grapee, raisins, plistachio nuts, pomegranates, drieg papee, and furo should not wistir. The sheep and furs of Koondoos are exchanged at Yarkund for tea, disposed of in Turkestan, at an advance of 600 per cent. The following were the prices of different articles at the time of our visit: mutton 4 to 5 pysas per charach (§4 lbs.), beef 3 pysas ditto, sheep-tail fat 8 ditto, sheep butter 38 ditto, cow butter 20 dit

W. into Aconcous; warness and rad.

"Old Khulm (now entirely destroyed), is situated about 4 m. from Tash Kurghan. It was a place of importance in the time of Khilich All (a former chief of Balkh); but its situation on the plain exposed it to predatory incursions; and the Hasaurehs dammed up or diverted the course of the river, upon which the fertilization of its soil depended. The chief therefore removed his capital to Tash-Kurghan, much to the regret of the records of Khulm, whose orchards had been celebrated.

his capital to Tash-Kurghan, much to the regret of the people of Khulm, whose orchards had been celebrated throughout the E. for the quantity and quality of their produce." (Moorcraft's Trav. II. 433, &c.; Burner') KIIORASSAN (country of the sum), a prov. of Persia, lying between the 31st and 38th parallels of N. lat., and the 53d and 63d degrees of E. loffe, being bounded N.E. and N. by the Oxus and country of Balkh; S. by Caubul and Seistan; and W. by Irak, Asterabad, and Daghestan. Its boundaries, however, have been very different at different times; and its present area, which is small comparatively with the great extent of country that it comprised prior to the invasion of the Afghans, is roughly estimated at about 80,000 sq. m. Pop. uncertain.

^{*}A paper in the Madras Journal of Science, &c., for Jan. 1840, states that Khooloom is an independent town; adding, however, that "nothing is more variable than the limits of a thanat in Asia."
† A paper is the 50th part of a Mahmoud-Shalic rupes.

Its surface is much diversified by plains and mountains; a large portion consists of arid rocks, destitute of vegetation or fresh water, and of salt and sandy deserts, among which may be found a few fertile oases. The Elburs range of mountains crosses the N. part of the prov. eastward; and between this lofty ridge and the Caspian Sea is an immense uninterrupted plain, which includes the steppe of Khiva, and forms a part of that extensive flat called by the natives Dusht-el-Kipchauk. That portion of the plain which belongs to Khorassan is without a single cultivated spot or permanent habitation: out a single cultivated spot or permanent habitation; and its scanty pop. comprises only a few tribes of wandering Turkmans. At the foot of the mountains, howdering Turkmans. At the loot of the mountains, how-ever, there are many rich valleys, watered by numerous rivulets, and formerly well peopled, and cultivated. This district, known in Persia as the Attock, once comprised several large towns, all of which are now in ruins, and totally deserted, in consequence of the incessant attacks of the Turkmans, who have obtained full possession of the whole tract. The Elburz mountains send ramificaseveral large towns, all of which are now in ruinf, and totally deserted, in consequence of the incessant attacks of the Turkmans, who have obtained full possession of the whole tract. The Elburz mountains send ramifications southward, which penetrate from 60 to 100 m. Into the plain. This range contains considerable quantities of iron, which, however, is not wrought: the turquoise mines of Nishapoor are rich, and if managed with skill would yield large revenues; but the exorbitant demands of the Persian government on the tenants of the land have led to the closing of many of the most productive mines. (See Nishapoor.) In this portion of the country are many fertile tracts, which, were there any security for property, would no doubt be cultivated and well peopled. The valley of Mushed is of great length, commencing about 10 m. N.W. of Sheerwan, and extending in a S.W. direction for upwards of 50 m. beyond Mushed Its breadth varies from 12 to 30 m., and it comprises, besides Mushed (which has a pop. of 30,000), the towns of Chinnarán, Radkan, and Koochan, with a great extent of good land, cultivated by Koordish settlers. The Wilmit of Khorassan is nearly that of the great saline desert, which forms its predominating feature. This tract, which, though considerably more lofty, is considered by Fraser (p. 251.) to be connected with the desert N. of the Elburs ridge, skirts the districts of Teheran, Kashan, and Ispahan, insulates that of Yead, and extends from Toorshees southward to the confines of Fars, Kerman, and Seistan, including hardly any habitable country except that near Beerjoon and Ghayn. Its E. limit is pretty correctly indicated by a line connecting the towns of Herat. Subzawar, Furrah, and Dooshak. The nature of this desert varies much in different parts. In some places it produces a few of those plants that thrive in a salt soil, while in others it consists of a crackling crust of dry earth, covered with salt efforence: a considerable portion is marshy, and in the lower parts water accumulates during 389 41 N. The rivers of the interior are few and incon-siderable, and for the most part are lost in the sand, like the Zenderoon of Ispahan.

The climate of Khorassan varies according to the na-ture and elevation of the districts into which it is divided.

ture and elevation of the districts into which it is divided. In some parts it is temperate, in others extremely cold. The deserts are infested by the *simoom*, which is as fatal bere as in Arabia. (Sec Vol. 1. 130.). The cultivated districts produce the grains and fuuts of S. Europe, with assertida, tragacanth, and other gums; but timber is rare. Cattle-feeding is the chief employment of the nomad race that roam over the desert; and the camels and goats of Khorassan are celebrated for their fine soft hair, which is a valuable article of trade in the norsets of Meshed is a valuable article of trade in the markets of Meshed and Nishapoor, the two largest towns of the province. The inhab. of the settled districts are Tadjiks or Persians. The linhab. of the settled districts are Tadjiks or Persians, properly so called, and their number has been estimated at 1,900,000. The llyats, or nonands, comprise Turkmans, Djelers, and other Turkish tribes, and there are about 30,000 Kurds in the N. part of the province. The religion of all the inhab. is Mohammedan, and most of them belong to the sect of All. The prov. is divided into several little governments; but the authority of the King of Persia extends only over the cities of Meshed. Nishapoor, Turkish, and Tabas, with their dependencies. The S. parts belong to the Afighans, and the Uzbek Tartars and Turkmans wander over the N. and E., acknowledging only their native khans. These wild tribes carry on incessant hostilities, invading each other's territories with bodies of irregular horse, who, after ravaging the country and burning the villages, carry off the inhabitants into slavery. (Frazer's Khorassan, p. 240., and App.mats; Kinneir's Persia, p. 161., &c.)

KIDDERMINSTER.

KHOTAN, or ILITSI, a town of Chinese Turkestan, prov. Yarkund, on the high road between that city and Lassa, 260 m. E.S.E. the former: lat. 37° 10° N., long. about 78° B. It is principally occupied by Uzbeks; and its shall to be celebrated for "its musk, and the beauty of its inhabs." Khotan, according to Abulidais and other Mohammedan geographers, was formerly a town of great consequence: it is still a place of considerable size, enclosed by ramparts of earth, and, though ill built, has broad streets. It is the station of a Chinese governor and garrison; has manufactures of silk fabrics, leather, apper, &c., and a brisk trade in these and various other articles, including ys, the jasper of the ancients. (Hcl-merzer, Ritter, Klaproth, &c.)

KIACHTA, or KIAKHTA, a town of Asiatic Russia, gov. and prov. Irkutsk, being the centre of the trade and political intercourse between the Russian and Chinese empires. It stands immediately within the Siberian frontier, on a rivulet of the same name, a tributary of the Selenga, and upon a plateau elevated about 2,220 ft. above the sea, 55 m. S. by E. Selengiusk, and 180 m. S.E. Irkutsk: lat. 50° 21′ 5″ N.. long. 106° 28′ 15′ E. (Erman.) Pop. between 4,000 and 5,000. It is divided into an upper and lower town: the former, or the fortress of Troiskoi Saursk, was founded when the first commercial treaty took place between Russia and China, in 1728. The town within is regularly laid out, in the form of a square; in the centre of which is the bazaar, or marketplace, a wooden building. Except a chapel of stone, and some of the public offices, built partly with brick, Kiachta is constructed wholly of wood. The church, government-house, barracks, and watch tower, are the chief public edifices within the town: the various courts and government offices, imperial rhubarb depôt, customhouse, &c., are in one of the suburbs. The lower town, a few versta distant, consists of only about 20 houses, inhabited by merchants, who conduct the trade with the Chinese, and some of wh

habited by merchants, who conduct the trade with the Chinese, and some of whom are said to be very rich. On the Chinese side of the boundary is the Mongolian village of Mia-mia-tchin (the place of trade), which, like the Russian town, is laid out in a square form, and surrounded by a palisade. It is ill built, and has only from 1,200 to 1,200 inhab., all males, no women being allowed to reside in it. All the merchantile transactions are conducted between this village and Lower Kiachta; and the merchants of the two places wist each other without let or merchants of the two places visit each other without let or hindrance. The goods bought by the Russians are immediately sent to Upper Klachta, to be examined by the custom-house authorities. The Russians exchange furs, sheep and lamb skins, Russian and Silesian broad-clotha, Russian and morocco leather, coarse lineus, cattle, and Russian and morocco leather, coarse linens, cattle, and especially bullion, for tea, raw and manufactured silka, nankeens, porcelain, sugar candy, rhubarb, tobacco, musk, &c. At the Kiachta Dec. fair, the tea bought by the Russians is, at an average, said to amount to 60,000 chests, or 4,200,000 lbs., of fine pekoe: besides a large quantity of an inferior kind, much of which is consumed by the Siberians and nomadic Tartars. But, according to Klaproth, the accounts of the Russian commerce with China have been much exaggerated; the total amount of the trade seldom reaching 24 millions fr. a year, and frequently not a fourth part of that sum. In 1831, the Russian exports by way of Kiachta amounted to 4,655,536 fr., and the imports to 6,758,858 fr. Goods may be conveyed from Kiachta to European Russia either by land or water (by the Lake of Baikal, the Angard, Yenisel, &c.); in the former mode the journey occupies a year, and in the latter three years, or rather, three very a year, and in the latter three years, or rather, three very a year, and in the latter three years, or rather, three very short summers, the rivers being for a great part of the year frozen over. (Erman, Reise um die Erde; Klapproth, Mémoires, &c., 1. 57—80.; Ritter; Official Papre,

roth, Mémoires, &c., 1. 57—80.; Ritter; (Ufficial Pap. rs, and Pric. Inform.)

KIDDERMINSTER, an important manufacturing and market town, parl. bor. and par. of Englund. co. Worcester, hund. Halfshire, on the Stour, an affluent of the Severn, 13 m. N. Worcester, 16 m. W. S. W. Birmingham, and 118 m. N. W. London. Area of the entire par., 11,169 acres: pop. of parl. bor. (which includes the old bor., and a small portion of the "foreign" district) in 1841, 15,427. The town, divided by the river, which is here crossed by a stone bridge, into two unequal parts, is irregularly built, but has several good streets, well paved, lighted with gas, and kept clean by an underground sewerage. In the centre of the market-place is the town-hall, a capacious brick structure, comprising, besides several other rooms, a large council-chamber for corporation meetings, quarter sessions, &c.: the lower part of the building is used as a butchers' market, and underneath is a cellar that has sometimes been used as a gaol. The church, which stands in a fine open space, on the brow of a bill, and close to the river, is a large Gothle edifice, richly adornod, and surmounted by a lofty pinnacled tower, the whole being in excellent repair. The interior has accommodation for 2,000 persons, and contains several the whole being in excellent repair. The interior has accommodation for 2,000 persons, and contains several fine old monuments. Connected with the church, at its E. end, is a Gothic chapel or chantry, now approKIDWELLY.

printed to the use of the grammar-school. On the R.
side of the town is the fine district chapel of St. George,
erected in 1828, at an expense of 18,131/.; the altarpiece is embellished with a representation of the descent
from the cross, in carpet-work, executed with much
taste and brilliancy of colouring: there are also places
of worship for independents, Baptists, Wesleyan Michodista, and Unitariana. The grammar school, chartered
by Charles I., has estates attached to it worth about
500/. a year; but though all the inbab. are entitled to
end their sons here to be educated, free of expense, it
is of little practical utility, and is attended only by a
sew borys. A free school, founded in 1795, provides instruction for about 25 boys, chiefly dissenters. There
are numerous Sanday schools, attended by about 3,000
children; and 3 National schools, and 3 Lancastrian
schools, furnish instruction to above 1,100 children.
The charitable institutions comprise several almahouses
and a dispensary, with some clothing and benefit societies. Near the town is a chalybeate spring, the road
to which is an agreeable and fashionable promenade,
and in the suburbs are some elegant villas, inhabited by
the wealthy manufacturers.

Kidderminster has heen noted for its wasning indisserve

and in the suburbs are some elegant villas, inhabited by the wealthy manufacturers.

Ridderminster has been noted for its weaving industry since the time of Henry Vill., in whose reign it had a considerable trade in broad cloth. Linsey-woolseys were afterwards introduced, and were supersoded, in their turn, by poplins, bombaseens, and carpets. The fabric now made are carpets, finger-rugs, bombaseens, coverings for buttons, and waistonst-pieces. The carpet manufacture, introduced in 1735, has long been the staple business of the town: there are no power-looms, the carpets being all woren by the hand: and carpet-weaving is the principal trade; bombaseens are not extensively made, and button-coverings have only been lately introduced. The carpet fabrics comprise Brussels or pile carpets, Ridderminster or in-grain carpets, and Venetian carpets: the proportion of each, in 1838, is seen from the following table. (Hand-boom Waseers' Report, part v. 330.)

Description of Fabric-	No. of Ma- mofacturers.	Leome.	Hands conployed.
Brussels carpets Kidderminster or Scotch Venetion	24 11 7	1,765 210 45	1,905 men 351 women 1,760 children
Total	42	2,020	4,016

Skilful and industrious carpet-weavers earn 27s. a week; but the average wages do not, perhaps, exceed 14s., the quantity woven averaging 24 yards a week. Button-makers and waistcoat-piece-makers earn about 12s. or 12s. a week; bombaseen weavers earn only 7s. a week. 12c. a week; bombaseën weavers earn only 7r. a week, bot the work is light, and is principally performed by women and aged persons. There are 6 worsted mills, which employ 682 hands, and factory wages average from 2c. to 6z. a week for children and women, and from 12c. to 25c. for men. The moral condition of the weavers is said to have deteriorated of late years, chiefly in consequence of an obstinate strike in 1828, when wages were lowered 17 per cent., and when also the manufacture took root in other places. Since that period, the weavers are said to have been discontented and improvident, and, in fact, to have in a great measure changed their chaare said to have in a great measure changed their character. Rents are also said to have been considerably reduced. The manufactures and trade of the town are

m isct, to nave m a great measure changed their character. Rents are also said to have been considerably reduced. The manufactures and trade of the town are greatly facilitated by the Staffordshire and Worcestershire canal, which passes close to the town; and its communications have been further improved by the opening of the Birmingham and Gloucester railway.

Kidderminister is a bor, by prescription, and received its charter of incorporation in 12 Charles 1. Since the Mms. Reform Act it has been divided into three wards, the government being vested in a recorder, 6 aldermen, and 18 councillors. Quarter and petty sessions are held in the town-hall. It is also the seat of a county court, before which 1,800 plaints were entered in 1838. Corprevenues, in 1847-48, 1,546f. In the reign of Edward I., Kidderminster sent 2 mems. to the H. of C., but the privilege being either lost or disused, it ceased to be represented; and this populous and industrious town had no voice in the legislature till the Reform Act conferred on it the privilege of sending 1 mem. to the H. of C. The electoral limits comprise the old mun. bor., and a small portion of the "foreign" district. It had 470 reg. electors in 1849-50. Markets on Thursday: fairs, Holy Thursday, June 20. Sept. 4., and Nov. 26., for horses, cattle, linen and woollen cloth.

KIDWELLY, or CIDWELI, a bor., market-town, and par. of S. Wales, co. Caermarthen, and hund. of its own name, on the Gwendraeth-Venhan, 9 m. S. Caermarther being a decrease of 68 persons during the preceding loyears. It is divided by the river into 2 townships, Old Kidwelly being on the W., and New Kidwelly on the E. er left bank. The former was once surrounded by walls Voz., II.

with 3 gates, one of which is yet standing; but the houses have fallen to decay, and consist at present of little more than hovels. New Kidwelly, which is joined to the other by a stone bridge, has several respectable houses and numerous cottages. On a rocky eminence overlooking the Old Town, stands the castle, said to have been built soon after the Norman Conquest, and now a large and imposing ruin in tolerable preservation, with many of its apartments and staircases still entire: the W. gateway is a noble specimen of architecture, and some of the towers at the angles retain their arched roofs of stone. The battlements command magnificent views of Caermarthen Bay and the country on both sides the Towy. The church, which is in the New Town, is an old cruciform structure, with a tower and spire 170 ft. high: the transcepts are now in rules, and the centre aisle is the only part used for service. The rules of a priory of black unonks adjoin the church. The fiving is a vicarage in the gift of the crown; and connected with it is a rural deanery in the diocese of St. David's. There are places of worship aiso for Calvinist and Wesleyan Methodist, Presbyterians and other dissenters. A free-school is supported by funds in the hands of the corporation, and one other school is maintained by subscription. The industry of Kikiwelly is chiefly employed in working coal, smelting irou, and making itn plates. It is not a place of much trade, however, owing to the choking up of the river, which is almost useless, notwithstanding the construction of wharfs, staiths, and other improvements, by Lord Cawdor. There is canal communication with Penbrey, where there is a commodition quay; and a canal and tram-road connect it also with Llanelly, which has a flourishing and increasing trade. Kidwelly forms a part of the duchy of Lancaster, but is governed by its own mayor and 12 aldermen, whose privileges were not affected by the Mun. Reform Act. Markstat on Friday: caltile fairs, May 24., July 175, and Oct. 29.

Kife a government of Rus

sive. In its N. parts there are considerable marshes.
Manufactures, exclusive of those carried on in the houses
of the peasantry, can hardly be said to exist. Commerce
trifling, and mostly in the hands of the Jews. Principal
town Kief.

of the peasantry, can hardly be said to exist. Crimeros trifling, and mostly in the hands of the Jews. Principal town Kief.

Kisz, the cap. of the above government, and the former residence of the grand dukes of Russia, on the Dniepr, a little below the confluence of the Desna with that river; it as the confluence of the Desna with that river; it as the cap. of the confluence of the Desna with that river; it as the cap. of the confluence of the Desna with that river; it as the cap. of the empire. But it subsequently underwent many viclasitudes; being sometimes subject to the Lithuanians, the Tartars, and the Poles. In 1686, however, it was snally ceded to Russia, and has ever since continued in her possession. The town consists of three parts — the old town, on an eminence elevated considerably above the river; Pitchersk, or the citadel, more to the S., and on a still higher eminence; and the lower town, or Podoisk, on a plain along the river. The first or old town contains the cathedral of St. Sophia, founded in 1637, and an object of the greatest veneration on the part of the Russians. It is stated by Dr. Pinkerton, that the sum appropriated by the Russian government for the support of this the most ancient cathedral in the empire, with its priests, deacons, singers. &c., amounts to only 984. a year! (Russia, &c., p. 217.) The citadel is surrounded by a rampart. Within it is the arsenal, erected by Catherine II. a large handsome building, containing an extensive supply of arms. But the principal object of curiosity in the citadel is the famous monastery of Pitchersk, with its cathedral. It derives its name from pitchers, a cavern, because in the vaults beneath are preserved the bodies of several Russian saints. The tower or belifyr by the cathedral, deemed by the Russians a master-piece of architecture, rises to the height of 3044 ft. The theological academy of Kief, founded in 1661, in the Podolsk, is one of the most celebrated in Russia. In 1830,4t was attended, according to Schnitzler, by 1,500 pupils, and

The houses are, for the most part, of wood, and the streets narrow, crooked, and mostly unpaved. The town is principally dependent on the pilgrimages to the cathedral and the monastery, and on the academy. In 1798 a fair, formerly held at Dubno, was transferred thither. It takes place during January, and is attended by all the surrounding nobles, as well as by great numbers of merchants and other descriptions of people. They rendezvous in the exchange. Provisions of all kinds are abundant and exceedingly cheap. (Schnitzler, La Russie, &c., p. 449—488.; Pinkerton; Lyadi's Traveti, 1. 103., &c.). KIEL, a town of Denmark, cap. Holstein, on the N. shore of the prov. at the bottom of a beautiful bay, lat. 549 19' 42" N., long. 10° 8' 18" E. Pop. 13.572. It is handsome, well built, and thriving. The university, founded in 1665, has had many distinguished men among its professors: it has a valuable library, comprising 70,000 volumes, and is attended at present by about 200 students. There is also an excellent grammar school, with an orphan-house, a workhouse, &c. The Church of St. Nicholas is a fine old building; a handsome royal palace stands on a bill adjoining the towu, and the public baths deserve notice.

Kiel is the seat of government, and, since 1834, of

stands on a hill adjoining the town, and the public baths deserve notice.

Kiel is the seat of government, and, since 1834, of the supreme court of appeal for the duchies of Sleswick, Hoistein, and Lauenburg. There is an extensive hat manufacture; and starch, tobacco, refined sugar, &c., are also produced. The harbour is safe and has water sufficient for large ships. A good deal of trade and shipbuilding is carried on. Packet boats sail regularly for Copenhagen; and the road from Hamburg to Kiel being equal to any in England, this route is much frequented by travellers visiting the Danish metropolis. The Holstein canal, forming a navigable communication between the Eyder and the Baltic, unites with the latter 2 m. from the town. There is a great annual fair in January.

January.

KILDA (ST.), or HIRT, a small island belonging to Scotland, the most remote of the Hebrides or Western Islands, in the Atlantic Ocean, 60 m. W. from Ulst; lat. 570 50 N., long, 89 32 30 W. It is about 3 m. in length by 2 m. in breadth, and contains about 4,000 acres: have a trial about 4,000 acres: have 57° 50' N., long. 8° 32' 30' W. It is about 3 m. in length y 2 m. in breadth, and contains about 4.0°0 acres: having attached to it a few dependent and inferior islets. Except at the landing place on its S. side, and at a rocky bay on the N., the Island is wholly fenced round with lofty inaccessible precipiees. The landing place, now noticed, affords, except during southerly winds, good anchorage. St. Kilda is principally occupied by four hills; and though the soil be but thin and poor, it is, owing to the moisture and mildness of the climate, covered with luxuriant verdure, and affords pasture for some hundreds of sheep and a few cows. A small portion of the surface is in tiliage, and produces the variety of barley called bear or big, and oats; but owing to the frequent and tremendous storms by which the island is visited the crops are exceedingly precarious, and are not unfrequently destroyed. The inhabs. are principally engaged in fowling and are mainly dependent on the eggs, fiesh, and feathers of fowl, the inhabs. are principally engaged in fowling and are mainly dependent on the eggs, fiesh, and feathers of the birds. Fowling is here, as in all similar localities, an extremely perlious occupation, and one requiring great nerve and dexterity. (See Vol. 1, p. 832) Fishing is, also, a considerable resource. The people are filthy in their habits, destitute of most of the comforts of life, and apparently unhealthy and short-lived. The island belongs to a single proprietor, who lets it to a middle nam, by whom it is let to the linkabs. The The latter name. belongs to a single proprietor, who lets it to a middle-man, by whom it is let to the inhabs. The latter pay their rents in feathers and bear. The pop. has long been

man, by whom it is let to the inhabs. The latter pay their rents in feathers and bear. The pop. has long been stationary.

Recently a considerable improvement has been effected in the condition of these remote islanders by the visits paid them in the course of summer by steamers from various parts of Great Britain. A few years ago they were extremely ignorant; but they are said to be, in this respect, a good deal improved through the residence amongst them of a worthy and most attentive clergyman. (Martis's Voyage to St. Kitla. At the d. Lond. 1783; Fullarton and Baird on the Highlands and Islands of Scotland, p. 28, &c.)

KILDARE, an inland co. of Ireland, prov. Leinster, having N Meath, E. Dublin and Wicklow, S. Carlow, and W. King's and Queen's Cos. It contains 392,435 acres, of which 66,447 are unimproved bog and waste, consisting principally of portions of the bog of Allen (which see). Surface mostly flat, or but slightly unduling; and, with the exception of the bog, the soil is mostly clayer and fertile. The famous common, cal ed the currack of Kitidare, in the centre of the co., contains about 5,000 acres, and is said to be unmatched for the softness of its turf and the richness of its verdure. When Mr. Wakefield visited Ireland, agriculture in this co. was in the worst possible state (1 419.); but, though still very far behind, it has been materially improved in the interval; and better implements, better stock, and improved processes have been pretty generally intro-

KILKENNY.

duced. There are some very large estates; but property is, notwithstanding, a good deal divided. Farms vary in size from 5 up to 200 and even 500 acres; and have, indeed, been less subdivided in this than in most frish cos. Average rent of land, 18s. an acre. Minerals and manufactures unimportant. Principal rivers Barrow, Liffey, and Boyne; the last-mentioned river having its principal source in this co., near Carbury. It is also intersected by the Grand Canal, and by its branch leading to Monastereven and Athy. It has no considerable town, Athy being the most populous. Kildare contains 10 baronies, and 113 parishes; it returns 2 mems. to the H. of C., both for the co. Registered electors in 1849-50, 896. In 1841, it had 18,556 inbab. houses, 20,338 (amilies, and 114,488 inhabs., of whom 58,030 were males, and 56,458 females.

KillA, a small town of European Russia, in Bessara-bia, on the N. bank of the Killa, an arm of the Danube, about 8 m. from its mouth. It has some trade; but ow-ing to the shallowness of the water over the bar at the

KILIA, a small town of Ruropean Russia, in Bessarabia, on the N. bank of the Kilia, an arm of the Danube, about 8 m. from its mouth. It has some trade; but owing to the shallowness of the water over the bar at the mouth of this arm of the river, it is not likely ever to become a place of any importance.

KILKENNY, an inland co. of Ireland, prov. Leinster, having N. Queen's Co.; E. Carlow and Wexford, from which it is separated by the Burrow; S. Waterford, from which it is separated by the Burrow; S. Waterford, from which it is separated by the Suir; and W. the latter and Tipperary. Area, 518,568 cares; of which 56,659 are unimproved mountain and bog. Though in parts hilly, the surface is mostly either flat, or but slightly undulating. Soil of various qualities; but for the most part, it rests on a limestone bottom, and is light, loamy, and, in the valleys particularly fertile. The remarks made under the head of Kildare as to the improvements that have been made in agriculture, since 1813, apply equally to this co. In some districts the dairy husbandry is extensively carried on. Property mostly in very large estates. Farms of various sizes, but generally small. Partnership tenures are not uncommon; and farm-houses and cottages are in general very inferior. Average rent of land, 185. 6d. an acr., being among the highest rented counties in ireland. There are extensive beds of coal in this co., and collieries have been wrought at Castlecomer for more than a century; but owing to the excess of sulphur, the coal is but little used for domestic purpos-s, and is principally employed in maiting, lime-burning, &c. The woollen manufactures formerly established in this co. are now nearly extinct (see next article); and, if we except the grinding of corn into meal and flour, and some breweries, distilleries, and tanneries, the manufactures now carried on in the co. are quite inconsiderable. Kilkenny is intersected by the Nore, and bounded on the E. by the Barrow and the Suir, or to Dublin by the Barrow and the Grand Canal.

The church of St. Cannice, the cathedral of the see of Osory, is a large venerable pile of Gothic architecture; it has several monuments, and near it is a round or pillar tower 108 ft. high: the bishop's palace and the deanery are also close by. The co. of the city comprises the parishes of St. Mary, St. Patrick, St. John, and St. Cannice. The church of St. Mary is an elegant modern building; that of St. John, which was the chapel of the monastery of the same name, has been restored, so as to preserve the character of its former singular style of architecture, in which the windows are replicated in such close succession, that the intervals are merely mullions, whence it is called the Lantern of Kilkenny. There is a Rom. Cath. chapel in each parish, that of St. Mary's The church of St. Campice, the cathedral of the see of

being looked upon as the bishop's cathedral. Chapels are also attached to the Presentation Convent, and to the Dominican and Capuchin friaries. The ruins of the Franciscan and of the Dominican, or Black Abber, add

Dominican and Capuchin Iriaries. The ruins of the Franciscan and of the Dominican, or Black Abbey, add greatly to the interest of the place.

A public grammar-school, endowed by one of the earls of Ormonde, and elevated to the rank of a royal college by James II., has accommodation for 80 resident pupils: the house, which stands in a retired situation, on the banks of the Nore, was rebuilt, at the public expense, the character school in which 24 boys are instructed in wearing, a seminary for camidates for the R. Catholic priesthood at Birchfield, a large female achool, conducted in the best possible manner by the nuns of the Presentation Convent, a parochial school, and a female erphan house. There are about 1,500 pupils in the public, and 1,600 in the private schools.

The principal charitable institutions are the infirmary for the co., the fever hospital, and a lunatic asylum, wholly independent of the county district asylum. There are several almahouses, and two loan funds. The charitable society affords relief to sick tradesmen and to their widows: the benevolent society to the bedridden poor. The workhouse for the Kilkenny union, opened in 1842, is an extensive building, having accommodation for 2,000 inmates.

mmates.

A public walk, called the Mall, extends upwards of a mile along the bank of an unfinished canal and of the Nore. Here, also, is a small library, a new? room, a mechanics' friends' society, and a horticultural society.

Nore. Here, also, is a small library, a news' room, a mechanics' friends' society, and a horticultural society. Races are held in September.

A charter, granted to the city by William Earl Marshal, was repeatedly confirmed by successive sorerigns. Elizabeth combined the two boroughs into a single corporation. Under the Municipal Reform Act, the corporation. Under the Municipal Reform Act, the corporation consists of a mayor, 2 aldermen, and 18 councillors. Fereviously to the union, Kilkenny and Irishtown sent 4 mems. to the Irish H. of C.; and since then, they have sent I mem. to the imperial H. of C. The right of voting was formerly in the freemen and freeholders of the coy of the cky, the freedom of the city being obtained by birth, servitude, or by gift of the corporation. Registered electors in 1849-50, 217. The income of the corporation, amounting to about 2,400t. a year, is employed to defray the charges for lighting, paving, &c.

The assises for the county and city are held here; as are the general and petty sessions of the peace, in a quarterly rotation with three other places. The courtouse, built on the site of Grace's Old Castle, is a spacious and elegant building, with sufficient accommodation for the public business of the co. and city. The mayor holds a weekly court of conaclence for the recovery of debts not exceeding 22. Irish. The co. prison is at a small distances from the town: that of the city is ill constructed, and limited in its means of accommodation. The Bank of Ireland, Provincial, and National banks have branches here; and the savings bank had in Nov. 1848, 16,730d. deposits. Two weekly newspapers are published in the City.

The Ormonde family have laudably exerted themselves

Bank of Ireland, Provincial, and National banks have branches here; and the savings bank had in Nov. 1848, 16,730f. deposits. Two weekly newspapers are published in the city.

The Ormonde family have laudably exerted themselves at different periods to introduce manufactures into Kilkenny. In this view, Pierce, the third earl, brought over a colony of Flemings skilled in the making of tapestry and carpeta, but without success. The first marquis expended large sums in attempts to establish the linen manufacture. That of friese, after being carried on for a considerable period, was eventually transferred to the neighbouring town of Carrick-on-Suir. Wool-combing was also introduced, and the manufacture of blankets was extensively carried on; but this also has all but entirely failed. Mr. Inglis represents the woollen manufacturers of Kilkenny as being, at the period of his visit, without employment, and in the greatest distress; and the Radshow Commissioners state that the entire value of the woollen goods produced within the districts of Cork, Kilkenny, Moat, and Carrick-on-Suir, did not (in 1838) amount to 30,000f. a year i And we doubt whether it be now (1850) materially greater. Several flour and corn-mills have been erected in or near the city, and there are several distilleries, breweries, and tanneries, and a starch manufactory: but the principal dependence of the town is on its retail trade, of which it is an extensive centre. A great number of pigs are also killed in the city, and it has an extensive butter trade. Within about 1m. from the city are some celebrated marble quarries and a sawing and polishing mill. The marble is extensive bentire. A great number of pigs are also killed in the city, and it has an extensive butter trade. Within about 1m. from the city are some celebrated marble quarries and a sawing and polishing mill. The marble is extensive centre. A great number of pigs are also killed in the city, and it has an extensive butter trade. Within about 1m. from the city and content in the covere

and wool, are frequented by purchasers from all parts of

and wool, are frequented by purchasers from all parts of the country. Kilkeeny derived its name from a church or cell dedicated to St. Cannice, or Kerny. It appears to have been a piace of some importance before the arrival of the English: for Strongbow built a fortress here, which was enlarged and strengthened by William Earl Marshal, and subsequently by the earls of Ormonde, in whose possession it has continued for centuries. Parliaments were frequently held in this city; and a famous statute, passed in 1871, for regulating the intercourse between the English and the native Irish, is still quoted by the title of the Statute of Kilkenny. In the wars of 1641, the assembly of the confederated Catholics held its meetings here, in a building which is still, on that account, an object of curiosity to strangers. In 1650, it surrendered to Cromwell.

of the confederated Catholics held its meetings here, in a building which is still, on that account, an object of curlosity to strangers. In 1650, its surrendered to Cromwell.

Kilkenny enjoys many advantages, independently of its locality as a central point of communication to all parts of the S. of Ireland. Its situation, equally picturesque and salubrious, the circumstance of its being the ancient and continued residence of one of the principal Angio-Irish families, and of the bishop and dignitaries of the diocese, as well as of many highy respectable inhab., and the vicinity of numerous resident landholders of large property, have all contributed to increase its rank and respectability. The higher classes here may vie with those of the capital; but we regret to say, that the situation of the labouring classes is as bad as possible. Mr. Inglis says, "I found the working pop. In a miserable condition; hundreds subsisting on the chance contributions levied on the farmers round the country, and hundreds more subsisting at the very lowest point at which life can be sustained." And we understand that this paragraph may, with little modification, be applied to the state of the lower classes at this moment (1840). (Ingliss irclessed, it 88.; Bosendary Municipal and Railway Reports, &c.)

KILLARNEY (TOWN AND I.AKE OF). The town took its rise from Iron and copper works in its neighbourhood, now discontinued from want of fuel; but, for a lengthened period, it has been principally indebted for its support and celebrity to the attractions of the surrounding scenery. It has three pretty good streets, with many bad alleys, and close filthy lanes and yards. Mr. Inglis says, that it has a large pauper population, and a vast number of idle persons; which, indeed, is a common characteristic of all places much resorted to by strangers. The great drawback, on a visit to Killarney, has hitherto been the number and importunity of the beggars by whom its streets and environs have been infested. It is to be hoped that something eff

lle between it and the lakes.

The lake of Killarney, or Lough-Lane, consists properly of three lakes connected by a winding channel, through which versels pass from the one to the other. It lies at the E. extremity of the extensive range of mountains called Macgillicuddy's Reeks, and has in its immediate vicinity, or rather, indeed, rising from its banks, the highest summits in Ireland. The largest division of the lake, or that portion called the lower lake, occupies an area of about 3,000 Irish acres; its W. shore is formed by the mountains of Tomies and Gienna, respectively, 2,150 and 2,090 ft. above the level of

the sea, having their precipitous sides well clothed with forest trees; on the opposite shore is the striking contrast of flat land in a high state of cultivation, ornamented by the fine demesne of Lord Kenmare. There are said to be no fewer than thirty-three islands, many of which are extremely nicturesque in the lower lake. are said to be no fewer than thirty-three islands, many of which are extremely picturesque, in the lower lake. One of these islands, innisfallen, has been admired by every traveller. Arthur Young says that it is the most beautiful spot in the United Kingdom, and perhaps in Europe. It contains about 20 acres, is extremely well wooded, and has every variety of tranquil beauty and sylvan scenery. On the S. shore of this lake is the fine ruln of Muckross Abbey, the property of Mr. Herbert. This lake is, in some parts, very deep. Between Glenna Mountain and Ross island, the largest in the lake, the soundings give 42 fathoms; and as the surface of the lake is about 50 ft. above the level of the sea, it follows that its bottom is 203 ft. below that level.

The middle lake occupies about 640 Irish acres; it lies

The middle lake occupies about 640 Irish acres; it lies immediately under the Fore or Turk Mountain, elevated about 1,900 ft. above the level of the sea. The strait which joins the middle and upper lake is about 3 m. in length, having, in many places, the appearance of a beautiful river. The upper lake contains about 720 Irish acres. It lies in joins the middle and upper lake is about 3 m. in length, having, in many places, the appearance of a beautiful river. The upper lake contains about 720 Irish acres. It lies in a hollow, formed by some stupendous mountains, among which are Gurran Tual, the highest in Ireland, rising 3,404 ft. above the level of the sea; so that its scenery is in the highest degree magnificent and sublime. "Here," says Mr. Wakefield, "Mature assumes her roughest and most terrific attire to astonish the gazing spectator, who, lost sanid wonder and surprise, thinks he treads enchanted ground; and while he scarcely knows to which side he shall direct his attention, can hardly believe that the scenes he sees around him are not the effects of delusion, or the airy phantoms of the brain, called into momentary existence by the creative powers of a fervid imagination. Here rocks pilled upon rocks rise to a towering height; there one mountain rears its head in succession above another, and sometimes a gigantic range seems to overhang you, forming a scene that may be more easily conceived than described. Such sublime scenes cannot be beheld but with a mixed sensation of pleasure and awe, and on a contemplative mind they must make a deep and lasting impression "(Vol. 1, 6.6.). In other places, however, especially on the E. shores of the lower and middle lakes, the scenery is of the softest and most agreeable kind, consisting of finely wooded promonories, ornamented with rivers and seats, verdant islands, &c.; and it is in the contrast between these and whatever is most wild and rugged, that we find the great charm of Killarney.

The lakes of Killarney receive the Fleak and several other streams, their refluent waters being carried off by the Lane. The latter issues from the N.W. extremity of the Lower Lake, and after pursuing a W.N.W. course for about 10 m., falls into Castlemaine Harbour, at the bottom of Dingle Bay. It is well stocked with salmon and white trout, and also with pearl oysters, whence pearls have been repeatedly taken. Weret

land; Young's Ireland, 4to ed.; Winness's cors, qu., p. 204, &c.)

KILLIECRANKIE, a celebrated pass through the Grampian mountains in Scotland, co. Perth, about 15 m. above Dunkeld. It is about 4 m. in length. The road is cut out of the side of one of the contiguous mountains; and below it at the foot of a high precipice, in the bottom of the ravine, the river Garry dashes along over rugged rocks, but so shaded with trees as hardly to be seen. At the N. extremity of this pass, the Revolutionary army under Mackay was defeated in 1689, by the troups of James II. under the famous Graham of Claverhouse, Viscount Dundee, who fell in the moment of victory.

victory.

KILMARNOCK, an eminent manufacturing town KILMARNOCK, an eminent manufacturing town, parl. bor., bor. of barony, and par. of Scotland, district of Cunningham, co. Ayr, on level ground on the N. bank of the Irvine, and on the small stream Kilmarnock or Feuwick, a tributary of the former; 20 m. S. W. by S. Glasgow, and 12 m. N. N. E. Ayr. Pop. of the par. of Kilmarnock, in 1801, 8,079, in 1841, 19,956; but the pop. of the par., bor., which includes the suburb of Riccarton, on the 8. bank of the river, is at present, 1850, estimated at above 29,100.

at above 22,000.

at above 22,000.

The main street, forming part of the high road between Ayrand Glasgow, is upwards of 1 m. in length, and is regularly built. The houses, generally of freestone (which is found in great abundance in the immediate vicinity), are erected in a handsome substantial style. Similar remarks are applicable to all the modern portions of the town. Kilmarnock has recently been extended greatly towards the S. and E., and in these directions there are many handsome buildings. The older streets are narrow and irregular; but the magistrates having obtained an act for improving the town, about the beginning of the present century, judicious measures were adopted to carry

in 1823.

Among the public buildings are the 2 parish churches, one of which, the High Church, after the plan of St. Martin's in London, is surmounted by a tower 80 ft. in height; the academy; and the town-hall, a near modern building in the centre of the town, on an arch over the water of Klimarnock. The merchants' society have built a spacious inn, which, in point of architecture, is an ornament to the town. There are five bridges over the Klimarnock within the town, and two over the Irvine between Klimarnock and Riccarton, all substantial structures.

In addition to the two pavish churches, one of which is in addition to the two paviss churches, one of which is collegiate, there are 3 free churches, two chapets belonging to the U. Presbyterian Associate Synod; and the Relief, Cameronians, Independents, and Rom. Catholics have each achapel. The Dissenters, including R. Catholics, who are aimost all Irish, but ex. the adherents of the free church, comprise rather more than a third part of the whole community.

Kilmarnock is well furnished with the means of education. There are, in the country part of the parish, 3 schools, and 3 teachers; in the town there are above 39 schools; but of these only two are endowed; the remainder being private or voluntary. The academy erected in 1807 at the joint expense of the landowners and private contributors, and which is at once a parish school and a joint-stock establishment, is an efficient and useful institution, amply realising the objects of its founders. The total number of pupils at all the schools in 1839, was upwards of 3,000 (New Stat. Acc., ut supra), or about a seventh part of the pop. This, too, was exclusive of 21 Sunday schools, attended by 1,288 scholars. Two of the above schools are free; one for boys, and one for girls. It has several public libraries, a philosophical institution, and other scientific and literary associations, various printing presses, a weekly newspaper, and an astrono-Kilmarnock is well furnished with the means of eduprinting presses, a weekly newspaper, and an astrono-mical observatory. It may be worth mentioning that the first edition of Burns's Poems was printed here in 1786.

the first edition of Burne's Poems was printed here in 1786.

Poor-rates have been introduced. They amounted in 1847 to 2,1001, and in 1850 to 3,2001, assessed one half upon heritable property valued at 41,0001 a year, and the other half on personal property.

Kilmarnock is chiefly eminent as a place of trade and manufacture. It seems originally to have been distinguished for its manufacture of woollen bonnets, formerly worn by all the peasantry; and of striped night-caps. These articles, called "Kilmarnock" bonnets and caps, are still manufactured to a very considerable extent, as are forage caps for the army. The carpet manufacture was introduced more than a century ago; but the value produced, in 1791, was only 21,4001; whereas in 1839, including Brussels, Venetian, Turkey, and Scotch carpets and rugs, its gross value was estimated at 150,0001. Five woollen mills in the town and neighbourhood engaged in spinning worsted or woollen yarns for the carpet factories and bonnet-makers, employed in 1838 about 200 hands (Factory Returns, 1839), and they still continue of worsted printed shawls was a few years ago the most extensive business carried on in Kilmarnock. It was first begun in Scotland in 1824, at Greenholm, in this neighbourhood by Mr. William Hall as incentivate and exceptions and the Mr. William Hall as incentivate and exceptions. of worsted printed shawls was a few years ago the most extensive business carried on in Kilmarnock. It was first begun in Scotland in 1924, at Greenholm, in this neighbourhood, by Mr. William Hall, an Ingenious and enterprising calico-printer; and so rapidly did it extend, that, during the year ending lat June, 1831, there were manufactured 1,128,344 shawls, the value of which might be about 200,0001. (Bound Rep. at suprå.) The business afforded employment in 1840 to about 1,400 persons, including weavers and printers. But the printing of shawls has since been greatly lessened, and the fabrics called De Laines have been, to a considerable extent, substituted in their stead, so that the number of persons employed in the printing trade has considerably diminished. tuted in their stead, so that the number of persons employed in the printing trade has considerably diminished. There are extensive tanneries, and the boot and shoe trade is very considerable, both for home consumption and exportation. Machinery is also rather extensively produced, and there are a number of inferior manufactures. In the Statistical Account of the parish in 1791, the gross annual value of its different manufactures was estimated at 86,850.; whereas in the New Statistical Account of the parish, published in 1840, the annual value of its leading manufactures is estimated at above 476,000;; and, including inferior articles, the whole may (1850) proof its leading manufactures is estimated at above 476,000/.; and, including inferior articles, the whole may (1850) probably amount to about 600,000/. I The weaving of cotton (by hand-loom), in connexion with the Glasgow market, is carried on to some extent in Kilmarnock, as in all the towns in the W. of Scotland. There are 4 branch banks in the town, and a savings' bank. Coal is abundant in the neighbhourood, and is extensively exported. Market days, Tuesday and Friday.

The port of Kilmarnock is at Troon, on the Ayrshire coast, with which it is connected by a railroad 94 m. in length. This was the first public railway constructed in

Scotland, the act for its construction having passed in 1808, though it was not finished till 1812. Branches of the Giasgow, Paisley, Kilmarnock, and Ayr railway, coemunicate with Kilmarnock, and through k by Dumfries with England, so that it possesses the readiest means of intercourse with different see-ports, and with all the most important towns not only in the W. of Scotland, but generally in the kingdom.

Kilmarnock was eriginally a mere appendage of the baroulal manner of the Boyds, lords of Kilmarnock, attainted in 1743, who had their seet in the neighbourhood. Its first charter as a free bor, of barony was granted by

baronial manor of the Boyds, lords of Kilmarnock, atdiasted in 1745, whe had their seat in the neighbourhoodlits first charter as a free bor. of barony was granted by
James VI. in 1891; a second was granted in 1673. The
Reform Bill erected Kilmarnock into a parl. bor., conferring on it, along with Renfrew, Port Glasgow, Dumbarton, and Rutherglen, the privilege of sending a memto the H. of C. Constituency of the burgh in 1869-30,
702, being more than equal to the aggregate constituency
of the other burghs. Corp. rev. 1843-9, 5371. Under
the Municipal Reform Act it is governed by a provost,
4 bailies, a treasurer, and 12 councillors.
KILRENNY, a royal and parl bor., sea-port, and
par. of Scotland, co. Fife, on the N. B. shore of the Frith
of Forth, near the mouth of that great sextuary, 20 m.
M. E. Edinburgh, and 94 m. S. by W. St. Andrews.
Its burghal privileges embrace Cellardykes, sometimes
called Nether Kilrenny, distant § m. S. E. Fop. 1,719.
Kilrenny is a place of no importance; but Cellardykes
a royal bor. in 1707, unites with Cupar, St. Andrews, and
three small adjacent bors, in sending a member to the
H. of C. Registered electors in 1849-80, 43. Municipal
revenue, 502.

KILRELS as sea-nort town of Iroland, S. W. mert of

there small adjacent bors, in securing a member to the H. of C. Registered electors in 1845-80, 43. Municipal revenue, 50!.

KILRUSH, a sea-port town of Ireland, S. W. part of the co. Clare, on the innermost extremity of a creek on the N. side of the sentany of the Shannon, 37 m. W. Limorick, and 20 m. E. by N. from Loophead, at the mouth of the Shannon. Pop. in 1841, 5070. It exports the mouth of the Shannon. Pop. in 1841, 5070. It exports a pier, and a patent at lip for the repair of vessels. It is a creek belonging to the port of Limerick. Its chief buildings are the par. church, R. Catholic chapel, Methodist meeting-house, market-house, custom-house, court-house, and bridewell. It has a school on the foundation of Erasunus Smith, and some other schools. A manor-court is held monthly; general sessions at Raster and Michaelmas, and petty sessions on Tuesdays. It is a coast-guard and constabulary station. Markets on Saturdays; fairs, May 10, and Oct. 12. Post-office revenue, in 1830, 2532.; in 1838, 4028. Branches of the Agricultural and National Banks were opened in 1885. A small car ples daily to Ennis. Turf for fuel is brought coastways by boats in large quantities.

KILBYTH, a bor. of barony, market and manufacturing town of Scotland, co. Strifung, in a valley 10§ m. N. by E. Glasgow, and 16 m. S. W. by S. Stirfung. Pop. (1841), 4,106. The town is irregularly built. The only public buildings are the parish church, with a lofty spire, and a chapel belonging to the Relief. The Independents have a small congregation, but no separate meeting. house. The inabes, are chiefly suployed as cotton-weavers is connexion with the manufacturers of Glasgew. In 1831, it had 434 weavers: it has now upwards of 600. About 20 persons are employed as sickle-makers, Iron stone and coals abound in the neighbourhood. The

weavers is connexion with the manufacturors of Glasgew. In 1831, it had 434 weavers: it has now upwards of 600. About 30 persons are employed as sickle-makers, from stone and coals abound in the neighbourhood. The Forth and Clyde canal passes within § m. to the S., and coatributes greatly to the prosperity of the district. Of the presidies, or forts, erected by Agricola in his 4th campaign, several mouldering remains may yet be traced. (Taciti Agricola, cap. 23.) They were generally about 2 m. apart, and built nearly in the direction afterwards occupied by the wall of Antoninus. This wall, or Grahams Dyke, as it is vulgarly termed, built by the Emperor Antoninus Plus, about the year 140, as a protection against the Caledonians on the N., ran across the inthmus between the Forth and Clyde, and passed within five furiongs of Kilsyth on the S. Kilsyth gives its name to a great victory gained in its vicinity (15th Aug. 1645), by the Marquis of Montrose over the Covenanters, commanded by General Ballile. Sir James Livingston (a branch of the noble house of Linithgow) was created Viscount Kilsyth (1661), on account of his loyalty during the civil wars: but the title was attainted, and the estates forfeited in the person of the 3d viscount, who joined the rebellion in 1715. "Religious revivais," as certain fanatical displays recently got up in various places throughout Scotland, in 1839, have been termed, originated at Kilsyth, but they seem for some years past to have entirely subsided, not merely here, but every where else. (Nisseno's Hist. of Stiritingshire, edit. 1817; Chalsmer's Caledonias.)

KILWINNING, a market and manufacturing town and bor. of barouy, Scotland, in the district of Cunning-kam, co. Ayr, on a rising ground on the right bank of

KINCARDINESHIKE.

the Garnock, 3 m. N. N. W. Irvine, and 21 m. S. W. Glasgow. Pop., including the contiguous village of Byres, in 1801, 1,843; in 1841, 2,971. The town consists citiefly of one street, but there are various narrow lanes. The modern additions to the town are substantial and elegant. The only public buildings are the parish cherch (with a spire) and two discenting chapels. Eginston Castle, famous for the tournament held there in 1839, is in the immediate vicinity. The inhabs, are chiefly employed in the weaving of cotions, gauses, &c. for the Paisley and Glasgow manufacturers. Number so employed about 800. Lime and coal abound in the dietrict around. The Glasgow and Ayr railway passes close to Kilwinning.

liston Castle, famous for the tournament need users in 1839, is in the immediate vicinity. The inhabs. are chiefly employed in the weaving of cottons, gauses, ac for the Prisiley and Glasgow manufacturers. Number so employed about 800. Lime and coal abound in the district around. The Glasgow and Ayr railway passes close to Kilwinning.

Kilwinning is celebrated for its abboy, founded by Hugh de Moreville, constable of Scotland, in 1140, and dedicated to 8t. Winning. It was, at the Reformation, one of the richest in the kingdom. It is said that the foreign architect who built the abbry was the first to introduce the craft of Free Masonry into Scotland. The lodge of Kilwinning, as the mother lodge of the kingdom was in the habit of granting charters to other lodges, all of which append the word Kilwinning to their name: but the institution of the Grand Lodge of Scotland at Edinburgh has nearly superseded the dignity of Kilwinning as a mother lodge. Kilwinning is the seat of a body of archers, which existed at least as early as 1484, and is still in a Sourlehing condition. (Old Stat. Acc. of Scotland, & Kilwinning; Exith's Scot. Bishops, p. 407.; Chambers' Gaustlers.)

KINCARDINESHIRE, or THE MEARNS, a marit. on of Scotland, having N. the co. of Aberdeen, from which it is for the most part separated by the Dee and Avon, E. the German Ocean, by which it is bordered for above 30 m., and 8. and W. Forfar. It is of a triangular shape. Area, 344, 480 acres, of which 1,280 are water. The Grampian mountains occupy the western, central, and most of the northern parts of the county, extending from Battock-hill, 2,511 ft. high, on its W. confines, to Stonehaven on the E. coast. The arable land consists principally of the district demonstrated the How of the Mearws, being a portion of Strathmore, or a continuation on the How of About 50,000 acres, about a half of which is in a high state of cultivation. There is also a nearow give or district of arable land along the Dee. Property in a few bands. Arable farms of all sizes, ma Much waste ground has been reclaimed, and converted into productive arable land. Extensive plantations have been formed, which are now, generally, in a thriving state, and adding to the shelter of the fields, the beauty of the landscape, the resources of the proprietors, and the benefit of the neighbourhood. Better accommodations in the dwelling-houses, farm-steadings, and enclosures, have been provided. By means of extensive and judicious draining, the salurity of the atmosphere has been improved, the state of disease has been altered, and the health of the people promoted. By the introduction of thrashing-mills, and other useful inventions, agricultural labour has been greatly disminished. By the formation of so many new roads, internal communication and access to markets have been very much facilitated. Enlarged means of intellectual, moral, and religious improvement, have been called into operation; and it is to hoped that the habits, manners, and enjoyments of the people have in some measure kept pace with the increase of these advantages." (P. 137.) Average rent of land in 1843, 10s. 114s. an acre. Lime is the only mineral of any importance. The manufacture of the beautifully jointed and painted wooden anufi-boxes, now in very general demand, originated at Laurencekirk, in this co., about 1790; but Cumnock and Mauchline, in Ayrshire, have become the principal seats of the manufacture. Principal rivers, Dec. N. Esk, Bervie, Dye, &c., on some

of which are considerable salmon fisheries. It contains 19 parishes, and one royal bor., Inverbervie, which is quite inconsiderable. It sends I mem. to the H. of C. for the county, and Inverbervie joins with Montrose, Arbroath and other bors., in returning a mem. Registered electors for county, in 1849-50, 900. In 1841, Kincardine had 7,304 inhab. houses, and 33,075 individuals, of whom 15,829 were males, and 17,246 females. Valued rent, 74,912. Scotch; a nanual value of real property in 1815, 94,8164., do. in 1843, 134,2414.

KINCARDINE, a sea-port town of Scotland, in a detached part of the co. Perth, par. of Tulliallan, on the N. side of the Frith of Forth, 21 m. W. N. W. Edinburgh. Pop. of par., in 1841, 3,198; of town, 2,875. The streets are mostly narrow, irregular, and dirty; but the houses are good especially those in the newer parts of the town. It has a good quay and harbour, and a good roadstead, affording convenient anchorage for vessels of large burden. Ship-building is carried on to a considerable extent, and the town has an extensive coasting trade. The parish church is at Tulliallan, but there is a dissenting meeting-house in the town. The different parties in the town to whom vessels belong have formed themselves into a Kincardine Mutual Assurance Company, the value of the property so insured being estimated at about 80,000. There are two branch banks in the town; and a regular ferry is established with the opposite side of the river.

KINGHORN, a royal and parl. bor., sea-port, and par.

and a regular ferry is established with the opposite side of the river.

KINGHORN, a royal and parl. bor., sea-port, and par. of Scotland, co. Fife, on an eminence, overhanging a small bay, on the N. banks of the Frith of Forth, 9 m. N. by E. Edinburgh, and 3 m. S. W. Kirkcaldy. Pop. of or. in 1841, 1,542; of bor. and par., 2,335. The town was not long since one of the most irregularly built in Scotland; but it has of late undergone many improvements in this respect, and most of the older houses (which had two flats or storles, with outside stairs facing the street) have been superseded by more modern and better buildings. The only public edifices are the parchurch, a dissenting chapel, a town-ball, gaol, and a handsome school-house erected by subscription. Fifty poor children are educated gratuitously on the bequest of the late Mr. Philp of Kirkcaldy, and are clothed, and provided with books and other school utensils. There are several subscription libraries. The chief branch of industry is flax-spinning; three flax mills, driven by steam, employing 350 hands. In addition to these, about 150 individuals are employed in the weaving of different linen fabrics. A few persons engage in fishing. The harbour is bad, and scarcely any shipping is over seen in t. Pettycur, about a mile W., is a better harbour; but its chief business derived from its being one of the seats of the ferry across the Frith of Forth, is now all but wholly superseded.

Kinghorn lays claim to great antiquity; it is certain wholly sur

wholly supersoded.

Kinghorn lays claim to great antiquity; it is certain
that it was created a royal bor, as early as the 13th century. It was originally a royal residence, but lost that
dignity on the death of Alex. III., who was killed (1285)
by falling over a rugged and lofty eminence about a mile
W. of the town. Kinghorn unites with Burntisland,
Dysart, and Kirkcaldy, in sending I mem, to the H. of
C. Registered voters in 1849-50, 33. (Bound. Returns;
Factory Returns; Beauties of Scotland; Sibbald's Hist.
of Fife.)

C. Registered voters in 1840-50, 33. (Bound. Returns; Factory Returns; Beauties of Scotland; Sibbails: Hist. of Fic.)

KING'S COUNTY, an inland co, of Ireland, prov. Leinster, having N. Westmeath, E. Kildare, S. Tipperary and Queen's County, and W. Roscommon, Galway, and Tipperary. Area, 528,165 acres. A portion of the bog of Allen covers a very considerable tract in the more northerly parts of this co., while on the S. it is partially encumbered with ramifications of the Devil's Bit and Silebbiloom mountains. On the whole, the unimproved bog and mountain are supposed to occupy 133,349 acres, of which, however, the far greater portion belongs to the bog. Soil of an average degree of fertility. Estates mostly very large. Tiliage farms amail, but some of those devoted to grazing are very extensive. Subtenancy is less common here than in most parts of freland; but its rural economy is, notwithstanding, but little different from that of the surrounding cos. (See Kildars, &c.) Average rent of land 44s. 5d. an acre. Silver has been found at Edenderry, but, if we except limestone, it has no minerals of any real importance; manufactures can hardly be said to exist. Its chief town is Birt or Parsonstown. It is bounded on the W. by the Shannon, and on the S. by the Little Bronna, while it is intersected by the Greater Bronna and the Grand Canal. It is divided into 11 baronies and 52 pars., and returns 2 mems. to the H. of C., both for the C. Registered electors, in 1849-50, 497. In 1841 King's County had 24,584 inhab, houses, 26,683 families, and 146,887 inhab., of whom 73,631 were males, and 74,306 females.
KINGSTON-ON-THAMES, a bor., market town,

semanes.

KINGSTON-ON-THAMES, a bor., market town, and par. of England, co. Surrey, loc. sit. in hund. of its own name, but with separate jurisdiction, on the S. bank of the Thames near the S. Western railway, 12 m.

KINGSTON.

S. W. London. Pop. of the par. in 1841 (exc. Ham and Hook), 8,147; and with the hamlet of Hampton-wick (which is included within the new boundary of the munbor.), 9,761. "The town extends from N. to S. about a m. along the Thames, crossed here by an elegant stone bridge of 5 arches opened in 1828, and rather more than a a m. from E. to W. Nearly continuous lines of houses, however, diverge from the body of the town along the two principal high roads towards London, almost to the bottom of Kingston Hill, and on the road to Portsmouth as far as the par. boundary, 14 m. from the town. On the opposite side of the river is Hampton-wick, which may be fairly considered to constitute a part of Kingston, though the communication has recently been much lessened by a toll levied on all passengers crossing the new bridge." (Muss. Bound. Rep.) The town is well paved and lighted with gas. The streets are narrow and irregular; but there is a spacious market-place, in which is the town-hall, erected in the reign of James I., containing some curious pictures and carvings of high antiquity. The lent assizes for the co., which were formerly held in it, have been for some years transferred to a neighbouring brick edifice built for the purpose; and attached to it is a small gaol, used for the temporary accommodation of prisoners. The church is large, but plain, with a low square tower, and appears to have been erected at different periods, commencing with the reign of Richard II.: the living is a vicarage, in patronage of King's College, Cambridge. There are places of worship for several denominations of Dissenters. It has a grammar school, founded in 1560, furnishing instruction to between 30 and 40 boys; a boys' and girls' national school, supported by subscriptions; an almost of the supports of the subscription; and an abstract is dean to the subscription in the supports of the s

Pensary.

Kingston is not a place of much rade. Considerable business is done in malting, there being 15 maltingthe form: and there are also some fax-

Kingston is not a place of much trade. Considerable business is done in malting, there being 15 malting-houses in or near the town; and there are also some flax and oil mills; but most of the townspeople are dependant on their retail dealings with the neighbouring gentry. A large and well-attended corn market is held every Saturday; and the fairs are on Thursday, Friday, and Saturday in Whitsun week, Aug. 2., 3, and 4., and Nov. 13., for horses, toys, pedlary, &c.

Kingston, first incorporated by King John in 1199, and chartered by many subsequent monarchs, has been governed since the passing of the Municipal Reform Act, by a recorder, 6 aldermen, and 18 counciliors; the bor. being divided into 3 wards. Corp. rev. in 1847-48, 4144. Sum expended on the poor in 1847, 3,6364, assessed upon property valued at 34,1194, a year. Members were sent by it to the H. of C. in the reigns of Edward I. and II.; but the burgesses were relieved from the burden on petition, and the franchise has not since been renewed. Roman coins, urns, and other antiquities, that have been upon inchain the petition of the surface of the second of the surface of

peliation being More-ford) from its having been the residence of our Saxon monarcha, eight of whom were crowned here, some in the market-place, and others in a very ancient chapel once attached to the church, but now destroyed. A general council was held here by Egbert in 338, and attended by the chief prelates and nobility of the realm. The town continued during several centuries to be a place of high consideration, and in royal favour. (Lyson's Ensirons of Losdon, art. Kingston; Mens. Bound. Report, &c.)

KINGSTON, the largest and most commercial city of Jamaica, though not the cap. of the isl.; on its Scoast, on the N. side of a fine harbour, on the verge of an alluvial plain surrounded by an amphitheatre of mountains. Lat. 17-5 56 6" N., long. 76-53' 15" W. Pop. loosely estimated at 30,000; but no accurate census has ever been taken, and this estimate is probaly exagerated. It is built on ground gently shelving to the verge of the sea, and was originally comprised in an oblong space, I m. in length, by \$\frac{1}{2}\$ m. in breadth, but it has of late years extended considerably beyond these limits. The streets in Lower Kingston are long and straight, crossing each other at right angles, like those of the new town of Edinburgh; the houses in general are two stories high, with verandahs above and below. There are two dedurches, an English and a Fresbyterian, both handsome structures, especially the former, which is built on an elevated spot overlooking the city. Kingston has several dissenting chapels, two synagogues, an hospital founded in 1776, numerous other charitable institutions, a free shool established in 1729, with an endowment of 1,500; a spear, a worthouse and house of correction, commercial in 1776, humerous other charitable institutions, a free shool established in 1729, with an endowment of 1,500t. a year, a workhouse and house of correction, commercial subscription rooms, an athenseum, a society of agriculture, arts, and sciences, a savings' bank, and a theatre. The mountain chain forming the boundary of the plain on which Kingston stands, terminates to the R. in a narrow ridge, whence a long narrow tongue of land extends to Port Royal, forming the S. boundary of the Kingston harbour, a land-locked basin, in which shipe of

KINROSS.

the largest burden may anchor in perfect security. It is strongly fortified. Its entrance, between Port Royal on the E., at the extremity of the tongue of land already noticed, and the opposite coast, is defended by Fort Charles, near Port Royal, on the one hand, and by the Apostles' Battery, Fort Anderson, and Fort Augustus, o: the other. The depth of water in the centre of the channel leading to the harbour is, where shallowest, 4 fathoms, and in the harbour itself it varies from 6 to 10 fathoms. About 2 m. N. of Kingston is Up-Park Camp, the only government barracks in the island, consisting of two long and parallel lines of buildings, two stories high, occupying, together with the parade ground, &c., between 200 and 200 acres. Not far from this station is the "Admiral's Pen." the former residence of the naval commander-in-chief, but which has been abandoned for several years. Stoney-hill garrison is about 7 m. N. Kingston, at an elevation of about 2,000 ft. above the seat.

Sea. Mingaton engrosses by far the largest portion of the trade of the island. In 1839, the value of the imports amounted to 439,2344., of which products of the value of 109,8224, were from Great Britain; 110,0004. from British colonies; 137,2071. from the U. States; and 82,0301. from other foreign countries. The value of the exports during the same year amounted to 747,4194; of which products worth 287,2151. were shipped for Great Britain; 8,000. for British colonies; 21,2234. for the U. States; and 800,3914. for foreign countries. The staple article of export is, of course, sugar, of which the shipments amounted, in the course of the above year, to 5,856 bhds., 282,310 gails. During the same year, 465 ships, of the burden of 51,234 tons, catered; and 438 ships, of the burden of 51,314 tons, cleared out. But for later details, see Ja-Malca.

The corporation of Kingston consists of a mayor, 12 dermen, and 12 common-councilmen. The town was

57,286 tons, cleared out. But for later details, see JAMAICA.

The corporation of Kingston consists of a mayor, 12
aldermen, and 12 common-councilmen. The town was
founded in 1693, in consequence of the destruction of
Port Royal by an earthquake; but it was not incorporated till 1892. (Jamasics Atmanack; Encycl. Americase; and Parliamentary Papers.)

Kingston, in Upper Canada. See Supplement.

King DSS, a small inland co. of Scotland, on the W.
conânes of Fife, being entirely surrounded by the latter
co. and that of Perth. Area, 50,560 acres, of which
4,480 are water, consisting principally of Lochleven. (See
next article.) Surface varied: in the lower district, to
the N. and W. of the lake, the soil is clayer, sandy, and
moderately fertile; but in the upper district is its mostly
moorish, mossy, and unproductive. Agriculture a good
deal improved; but it labours under great disadvantages from the backwardness of the climate. Property
much subdivided, being mostly occupied by resident proprietors holding of the estate of Kinross under payment
of a feu or quit rent. The manufactures are of little
insportance; and though it has limestone and freestone
quarries, it has no coal. Average rent of land, in 1843,
165. 164. an acre. Kinros and Milnathort are the only
towns. It is divided into seven parishes, and is united
with Clackmannan and certain parishes in the S.W. part
of Perth in returning a mem. to the H. of C. Registered
electors in this co. is 1849-50, 522. In 1841, Kinross
had 1,813 inhab. houses, and 8,763 inhab., of whom 4,195
were males, and 4,568 females. Valued rent, 20,1934.
Scotch; annual value of real property in 1843, 44,0104.
Kinnoss, a market town of Scotland, co. Kinross,
of which it is the cap., in an open vale on the W. shore of
Lochleven, and on the high road between Edinburgh
and Perth, 21 m. N. W. by N. Edinburgh, and 134 m. 8.
by E. Perth. Pop. of town and par. in 1841, \$222; of
which the town had 2,062. The town formerly consisted
of a series of narrow tortuous lanes, but the main

Kinross, including the town and par., has about a

dosen schools, of which one only is endowed, and some are taught by females: in 1838, rather more than the zewenth part of the pop, were at school. (16. p. 24.) There are two public libraries, three juvenile libraries for a religious kind, and a public reading room. Kinross was farnous of old for its cutlery; afterwards for the manufacture of Silesia linen. But both these

Kinross was famous of old for its cutlery; afterwards for the manufacture of Silesia linen. But both these have ceased. Cotton weaving, in connection with Glasgow, and more recently the manufacture of tartan gow, and more recently the manufacture of tartan gow, and more recently the manufacture of tartan thereing the property of the principal employments. Damask weaving, for the Dundermline manufacturer, has also been introduced. There were, in 1839, 324 cotton weavers, 48 weavers of tartan shawis, &c.; and 14 of damask; total, 396. A mill for carding and spinning wool, in connection with the tartan manufacture, was opened, in 1838, at West Tillyochie, 3 m. from Kinross. There are four annual fairs, chiefly for cattle, held at Kinross; and it has branches of the B. Linen Company and of the Edin. and Glasgow banks. Lochleven, on the banks of which the town is built, has of late been subjected to a considerable drainage its circuit is 12 m., being three less than formerly; and its mean depth has been reduced from 184 to 14 ft. Its fabery, which opens on 1st Jan., and closes on 1st Sen., yields a yearly rent of about 2004. Notwithstanding its diminished size, Lochleven is still a very fine sheet of water. It contains three islands, of which two are important; St. Serf's, on the E., on which are the ruins of a priory belonging to the canon regulars of St. Augustine; and the Castle Isle, on the W., so named from its castle, once a royal residence, and in which, as every body knows, Queen Mary was confined from 16th June, 1657, to 2d May, 1598. During her imprisonment here she was forced to sign an instrument resigning the crown to her infant son. The battle of Langalde, which decided her fate in 1568. During her imprisonment here she was forced to sign an instrument resigning the crown to her infant son. The battle of Langside, which decided her fate in Scotland, took place on the 13th May, only eleven days after her escape from Lochleven. Andrew Wintsun, author of the Cromptil of Scotland, was prior of the monastery of St. Serf. Michael Bruce, the poet, who died in 1767, in the 21st year of his age, was born in Kinneswood, on the N.E. shore of Lochleven, and received the principal part of his education in Kinness. The bor. of Kinross has no public property; but the inhab, have, since 1742, had recourse to a small voluntary assessment for municipal purposes; this fund is placed under the management of a board or committee, consisting of a dozen members chosen annually at a public

sisting of a dozen members chosen annually at a public

sisting of a dozen members chosen annually at a public meeting held for the purpose; thus constituting a species of municipal government.

KINSALE, a parl. bor. and see-port town of Ireland, co. Cork, on the E. side of the Bandon, a little way above its mouth in St. George's Channel, 14 m. S. Cork, and 7 m. N. from the lighthouse on the Old Head of Kinsale, which last is in lat. 51° 36° 45" N., long. 8° 32° 16" W. Pop. of parl. borr, in 1841, 6,918. It is mostly built along the water's edge, but extends in parts up a prestry steep hill, so that many of its streets are of inconvenient access; they are generally also narrow and dirty; the steep hill, so that many of its streets are of inconvenient access; they are generally also narrow and dirty; the houses have for the most part an autiquated appearance, and some of them are said to be built in the Spanish fashion. The harbour is excellent. There are 12 feet water over the bar at the river's mouth at low obb; and at the anchorage within the bar, off Cove, there are 4 or 5 fathoms water within half a cable's length of the shore, and large access may be close to the town. at the anchorage within the bar, off Cove, there are 4 or 5 fathoms water within half a cable's length of the shore, and large vessels may lie close to the town. It was formerly strongly fortified; Fort Charles, on the E. side the river, is now converted into a barrack. It has an ancient par. church, a modern and handsome R. Catholic chapel, another R. Catholic chapel attached to a convent, and two Methodist meeting-houses; with a suite of assembly-rooms, a town-hall, prison, fever hospital, and dispensary. Exclusive of Fort Charles, there is another extensive barrack adjoin'ng the town. Here is an endowed school, founded in 1767; it has also charity schools for R. Catholics and Protestants, Sunday schools, &c. The late corporation, which claimed to be such by prescription, confirmed by several charters, consisted of a sovereign and an unlimited number of burgesses and freemen; but no person was entitled to his freedom & surr, this being a matter of grace and favour in the hands of the council, consisting of the sovereign, burgesses, and common speaker. This body has been dissoived under the Municipal Corporation Act, and its revenues, which were but of trifling amount, have been made over to the "Town's commissioners." Previously to the union, kinsale returned 1 m. to the inpperial H. of C.; and it has since returned 1 m. to the inpperial H. of C.; and it has since returned 1 m. to the inpperial H. of C., who, down to the passing of the Reform Act, was elected by the sovereign, burgesses, and freemen. The village of Scilly, contiguous to the town, is comprised within the limits of the oresent hard. bor. which includes a space of down to the passing of the Reform Act, was elected by the sovereign, burgesses, and freemen. The village of Scilly, contiguous to the town, is comprised within the limits of the present parl. bor., which includes a space of 290 acres, and had, in 1849-50, 281 registered electors. Corporation revenue, about 3904. a year. Notwithstanding the excellence of its port, and its fine

river, which is navigable for a considerable way above the town, the trade of Kinsale is but trifling, the value of its exports in 1835 not having exceeded 13,479. It is,

consequently, in rather a depressed condition. But though the post-office revenue declined between 1830 and 1836, it rose from 2914 in 1842 to 4014 in 1848. There is a brewery in the town, and some flour-mills in the vicinity. The union workhouse, opened in 1841, has accommodation for 1,250 immates.

The principal dependence of the town is on its fisheries, which purpose Catheriae the expression of the town is on its fisheries, which purpose Catherine. But 1

The principal dependence of the town is on its fisheries, which supply Cork and the surrounding country. Every kind of fish is taken; and the sales of fresh fish are said occasionally to average 500£, per week. The fishermen are estermed the most skilful of any in Ireland; and, being well acquainted with the coasts, they are good pilots, which obtained for them an exception from impressment during the late war. They generally fish in good sea boats of from 15 to 20 tons, called hookers, and earn from 3s. to 12s. per week; several boats are also employed in the lobeter fishery. Oysters of a large size were formerly abundant, but are said to be decreasing, from the want of a judicious and properly enforced code of Shery regulations. The Kinsale Sabing district extends from Flathead to the east side of Inchy bridge, comprising 60 m. of coast; and had, in 1849, 833 registered vessels, employing 5,119 men and boys.

In the summer season Kinsale is resorted to by seathers.

hites a place of some note in Irish history. It was taken in 1601 by a Spanish armament, but was retaken during the same year. James II. landed here in March, 1689; but it was taken by the troops of William III., under the Barl, afterwards Duke, of Marlborough, in the following year. It had formerly a royal dockyard; and during the late war the harbour was a good deal resorted by king's ships. (Railway, Fishery, Bossadary, &c. Reports; Thom's Amasack.)
KINTOBE, a royal and parl. bor. and market town of Scotland, co. Aberdeen, on the line of road from Aberdeen to Inverness, 11 m. N.W. Aberdeen, and 3 m. S.E. by S. Inverury. Pop., in 1841, 466. It is a place of no importance. The Aberdeenshire Canal passes it on the W. The bor. lays claim to great antiquity; its earliest extant charter is dated 1806, confirming others of older date.

of older date.

on the W. Inc bor. Inc claim to great antiquity; its carliest extant charter is dated 1806, confirming others of older date.

Kintore gives the title of earl to a branch of the ancient family of Keith, descended, in the 17th century, from a younger son of the sixth earl Marischal. It unites with Elgin, Banff, Cullen, Inverury, and Peterhead, in sending I mem. to the H. of C. Registered voters in 1849-50, 45. (Boundary Returns; Beauties of Scotland.)

KIRBY-MOORSIDE, a market town and par. of England, N. riding co. York, wap. Ryedale, on the Dove, an affluent of the Derwent, 22 m. N. by E. York, and 192 m. N. by W. London. Area of par., comprising five townships, 19,220 acres. Pop. of township in 1841, 1508. The town, which is very small, stands on the side of the N. York moors, and is nearly encompassed by steep hills. The par. church, in a romantic situation, is about 1 m. distant, and the living is a vicarage, in the sift of the Lord Chancellor. There are places of worship also for Calvinistic and Wesleyan Methodista, and for the Society of Friends. The river turns several committe, ilmestone is dug in the neighbourhood; and the malting trade is carried on, the surrounding district being very productive of grain. Its only historical celebrity is cwing to the fact that George Villiers, 2d Duke of Buckingham, the profligate favourite of Charles II. (a part of whose estaizes lay here), retired thither after his disgrace at court, and ended his days, on the 16th of April, 1688, in seclusion and powerty. Pope has described the streumstances attanding his death in some of the sneet verses in the English language. (Morat Essaya, Epist. Ili, Ilin, 239.) Markets on Wednesday; cattle and horse fairs, Whit-Wednesday and Spt. 18.

KIRGHIS (STEPPE OF THE), a country of W. Asia, in the N. part of Independent Turkestan, between the 44th and 55th parallels N. lat., and 55° and 82° E. long.; bounded N.

try of W. Asis, in the N. part of Independent Turkestan, between the 44th and 55th parallels N. lat., and 55° and 82° E. long.; bounded N. by the Oui, a trib. of the Tobol, and a line of forts connecting Zverenogolovsk, Petropawlovsk, and Omsk; E. by the Irtish and the Chinese stations, extending S. as far as the 42d parallel; S. by the khanates of Kokan, Bokhara, and Khiva; and W. by the Oural and the Caspian sea. Length about 1.400 m.: breadth 1.100 m. sea. Length, about 1,400 m.; breadth, 1,100 m.; probable area, 1,533,000 sq. m. Pop. of the three hordes composing the Kirghis nation, 2,300,000. According to M. Alexis de Lévchine, from whose able work, La Description des Hordes et des Steppes des Kirghis-Kazaks, lately published, we are enabled to give many interesting details respecting this nomadic people, who till now have been comparatively unknown. The Kirghis steppe is not, as hitherto generally supposed,

a mere flat and unvaried plain, but is intersected by numerous mountain ridges, and even in its more level parts is covered with round hillocks. causing considerable undulations on the urfaces. Offsets of the Oural range occupy a large amount of surface in the W. and N.W. parts of the steppe. The W. continuations of the Altai range run in very irregular ridges close to the Chinese frontier, and finally connect themselves about the 42d parallel with the W. part of the Muz-tagh, or Thian-chan range. It would be diffi-

the 42d parallel with the W. part of the Muztagh, or Thian-chan range. It would be difficult to reduce the ridges in the centre of the steppe to any system; but the principal are all N. of the 48th deg. of N. lat. The Kara-taou mountains separate the Kirghis steppe southward from the khanate of Khokan. The geological constituents and mineral riches of these mountains are little understood; the central masses appear to consist of grantle, gneist, serpentine quart, &c., on which are superimposed silicious and clay-slate, blue limestone, coal strata, with varieus secondary and other rocks. Lead, copper, and iron, with a small quantity of silver, are found in these mountains, but the present state of the country makes mining wholly impossible.

The waters of the Kirghis steppe comprise, besides the two land-locked seas, the Caspian and the Aral (which see), a considerable number of lakes and rivers. Among the former (most of which are salt), the largest are the Balkat (115 m. long), 1sik (30 m. by 30 m.), in the S.E. angle of the steppe, the Kourdalgiane, Tenis, Tehagli, Oubagan Denghis, and Alksakel-Barbi lakes, with many others of smaller extent. The chief rivers are, 1. the Sir-Daria (anc. Jaxartes?) rising in the Mustagh, about lat. 40° N. and long. 70° E., having a course S.W. to Kokan, and thence N.W. through the sandy plains of Kisil-koum and Kara-komm into the see of Aral, its entire length somewhat exceeding 800 m.; and, 2, the Iritsh, rising in Chinese Turkestan on the W. side of the Great Altai, entering the steppe in the 49th par, forming its E. boundary up to 85° N., and receiving on its W. banks the Ichim, the Tobol, and other tributairies, which intersect with their streams the entire N. half of the steppe. Numerous smaller rivers fall into the different lakes, and many others are almost unknown to Europeans.

The climate is remarkable for its extremes of heat and

the different lakes, and many others are almost unknown to Buropeans.

The climate is remarkable for its extremes of heat and cold. In the middle and little hordes, that is, in the N. and N.W. parts of the steppe, the therm. often falls to 20°, and sometimes 30° below freezing point (Réaun.). The rivers and plains are covered with ice, and the hills with a thick coating of snow; while strong winds from the N.E. increase the intensity of the cold, and hurricanses, called Dearsman, often uproot forest trees, and carry away both man and beast; causing dreasful, and often irremediable, destruction. (Léscinc, p. 5.) in summer, on the contrary, the temp. often rises to 36° Réaum. (112° Fahr.) in the shade: the oppressiveness of the heat is much increased also by the sandy nature of often irremediable, destruction. (Livekine, p. 5.) In summer, on the contrary, the temp, often rises to 360 Réaum. (1120 Fahr.) in the shade: the oppressiveness of the heast is much increased also by the sandy nature of the heat is much increased also by the sandy nature of the soil, and the paucity of rivers and forests over so vast an extent of country. This great variability of temp, however, and the rapid transition from one extreme to the other, are said not to be so prejudicial to the health either of natives or travellers as might have been expected: agues, indeed, and fevers, are common in the marshy districts; but, generally speaking, the people are robust and long-lived. Rain is very rare, even on the mountain sides: dews refresh the soil in some parts, but by far the largest portion of the surface is dried up, and rendered uscless, by the entire absence of atmospheric moisture. Trees and shrubs are only found on the banks of rivers, and at the foot of the mountain sear the Russian frontier, where the soil is the most capable of cultivation: the principal are elms, poplars, willows, wild plum, juniper, and liquorice trees, (the latter very abundant, and their produce forming a principal article of trade), wormwood, alkanet, tragacanth, various kinds of euphorbia, anemonies, camomile, asparagus, garlic and onlons, horse-radish, wild oats, rye, &c. Short coarse grass generally covers the plains, on which also the saloal plant grows in great perfection. Agriculture, as a branch of industry, cannot be said to exist. Some land about, the rivers is roughly tilled, for the purpose of raising millet, rye, and barley; but the pursuit, except by the Karakalpaks, S. of the Sir-Daria, is generally despised, being only followed by the poorest classes, and then chiefly by women. The wild animals of this region comprise the wolf, wild boar, fox, Cossack dog, wild goat, and hare, all of which roam in great numbers over every part of the stoppe the boar, fox, Cossack dog, wild goat, and here, are tikewise tigers, lynx

The lakes and rivers abound with seals, and with versal kinds of fish, sturgeon, pike, perch, and carp, ing the most common. The domestic animals of the

birds. The lakes and rivers abound with seals, and with several kinds of fish, sturgoon, pike, perch, and carp, being the most common. The domestic animals of the Kirghis are the abeep, goat, horse, and camel, the rearing of which constitutes the chief employment of this nomad race. Larger flocks of sheep are, perhaps, no where to be found, some of the richer inhabs, possessing upwards of 20,000 head. The animals are strong and large, weighing from 100 to 150 lbs., and they have long occare wood, and enormous tails, sometimes 30 lbs. in weight. They endure with astonishing patience the long privations of food and drink to which they are subject, soon recovering in spring their plump and healthy appearance. The advantages derived by the people from these animals are immense; their fish and milk supply them with food, and the wool furnishes felt for covering the tests and other purposes, while at the same time they serve as a standard of value, and form a chief article of export; for, according to Hagemeister, 1,00,000 sheep are sent off every year and sold in Russia, Bucharia, and China. Goats, very similar to those of Thibet, are chiefly used as guides in leading the sheep from pasture to pasture, as the latter will not move without them; their fishs his esten, and the down conocaled under their red shaggy hair is an extremely valuable article of trade. The cameris (most of which have two humps, the single-humped variety being too delicate for the climate) are here, as elsewhere in Asia, the chief beasts of burden. They are indispensable to a nomad people, like the Kirghia, for transporting their women and children, their property and trading stock; nor is it unusual for the rich to possess 200 or even 400 of these animals. Their hair is spun and made into garments, the milk and fesh are used as food, and the skins of the younger animals make warm pelisses. The camels are estremely dockle, and carry burdens varying from 14 to 18 poods (from 5 to 6 twis.), travelling during long journeys at the rate of 25 or 25 as 6,000 or 8,000. They are small, but strong, and ex-tremely rapid in their movements; they can travel from 30 to 80 m. without stopping for days together, and, like tremely rapid in their movements; they can travel from 30 to 80 m, without stopping for days together, and, like the other domestic animals, are inured to great priva-tions and long abstinence from food and water. Various expedients are adopted to procure pasturage for the cattle during winter, by making enclosures, raking away the snow, &c.; but still they feel most severely the absence of nourishing food, and great numbers, espe-cially of sheep, are lost every year. (Léwchine, p. 408— 415.

The pop, of the Kirghis steppe, however different the origin of its several sections, has long become amalgamated; and they are now but one people, inhabiting the same kind of country, speaking the same language, professing the same religion, and characterised by nearly uniform habits and customs. The following table of the traces and tribes of the three great hordes gives also some insight into the distribution of the pop.:

Hordes and Rec	. .		No. of Tribes.	Tents.	Individuals.
1. Little Horde: — Alimonly Beionly Djotis-ourang	:	:	6 12 • 7	}160,000	900,000
2. Middle Horde: — Arghina Nafmanes Kiptobak Ozwak-Ghirin	:	:	17 9 9 3	165,000	960,000
3. Great Horde: — Ouisuin Touistai Sargam Kodkrat	:	:	} 10 9	} 75,000	400,000
Te	لط		82	400,000	2,260,000

Hence it appears that the terms "great" and "little" are wholly misapplied. The little horde was still greater in the 14th century than at present; the great horde, however, is generally respected, as being the most an-

The Kirghis, physically considered, are closely allied to the Mongol Turkmans. Their faces are not so flat and broad as those of the Kalmuks; but their small black eyes, small mouths, prominent cheek-bones, and almost beardless chins, prove their similarity to the Mongols, which has been strengthened also in recent years by frequent marriages with Kalmuk and Mongol

women, whom they often bring away by force into their own country. The hair of the men is usually dark brown; but the women have black hair, fresh complexions, and brilliant animated eyet, which, however, are ill-construsted with lean cheek-bones, coarse skins, and a shapeless slovenly person. Both sexes are strong and healthy, iong-lived, and capable of enduring, to an extraordinary extent, both cold and hunger; in fact, if they were not thoroughly inured to every kind of privation, they could not live in this country. The men take the most violent exercise, being often almost wholly on horseback for days together; but in the height of summer, and during the winter, they spend their time in listless indolence, aleeping, drinking kosswig, their favourite heverage, and listening either to stories or the rude music of their national instruments, a reed pipe and a rude kind of violin. Household labour and tillage are undertaken wholly by the women, who, as in other parts of Asia, are treated almost like slaves. The Kirghis language is a very corrupt dialect of the Turkish, so interlarded with local words, that it is almost unin-elligible by the Turks of Kasan and Khiva. Few can read, still fewer are able to write, and he that knows enough of Arabic to read the Koran is reckoned a paragon of erudition! Their poetry, however, clearly shows them to be an imaginative people. enough of Arabic to read the Koran is reckoned a paragon of erudition! Their poetry, however, clearly shows them to be an imaginative people. The dwellings of the Kirghia, who are distinctly pastoral, having no fixed station except in winter, consist of rude tents composed of wooden trellis-work covered with felt, having the Kirghis, who are distinctly pastoral, having no fixed station except in winter, consist of rude tents composed of wooden trells-work covered with felt, having an opening at top serving at once for window and chimney: their dimensions average about 30 ft. in diam, and 13 ft. in height; the ground (hare earth) is covered with felt, or carpeting; the inside is hung with straw mats, or red cloth; and the furniture consists only of a few boxes and warlike implements. The food of the people is very simple, consisting almost altogether of the fiesh and milk of their flocks and herds. Bread is not known; but balassis, or porridge made of millet, rye, or wheat, is in common use. Rice, being an object of import, is very deer, and is used only by the rich. Smoked horse-mans, colts' haunches, and camels' humps, are esteemed great delicacles. Eremetchis, a rich cheese made from mares' milk, is likewise highly valued; a thinner and and inferior kind, called kroute, is much used by the lower orders, and constitutes almost the only article of food on those marauding expeditions, which give such xest to the life of a Kirghis. Fish are eaten only by the lowest orders, chiefly by those living on the banks of rivers; and game is little valued. The favourite drinks are the everlasting kosswis, a whey made from mares' milk, and a spirit distilled from koumis, alleged to be both strong and palastable. Arak (made by distilling rice), and tea, are luxuries enjoyed only by the wealthy classes. The dress of this nomas people is long and full, little suited, according to our notions, for the horse (exercise, in which they are chiefly engaged: two or more tchapsacs, or loose gowns of velvet, silk, or cotton, according to rank; a leathern belt fastening the robe and securing a knife and tobacco-bag; a round cap surmounded by another, when abroad, of felt or other warm materials, conically shaped, and with broad faps; very full and highly ornamented trowers are worn, by the men at least, over the gown, which is tucked underneat; it is fr

nam of violence, attacking and plundering caravans crossing their steppe, or seeking vengeance for some real or imagined insult from a neighbouring tribe. They are or imagined insult from a neighbouring tribe. They are cowards in regular warfare, soon discouraged, and, when unhorsed in close conflict, wholly vanquished. Respecting their barantas or feuds, M. Lévchine says,—"Riem dep lus affreux, de plus funeste, que l'esprit de vengeance dans les Kirghis, et les suites de ce préjugé, de cette disposition cruelle, qui leur tenant lieu de la satisfaction que les lois seules doivent accorder, pervertissent la véritable bravoure. Leurs vengeances sont toutes dirigées par la passion effrénée du pillage, qui les ruine, les perd, les émoralise complètement: ces berastas consistent dans des vols ou des rapts mutuels de bestiaux, d'où résultent souvent entre eux des combats anglants. Aujourd'hui, tout homme offensé, volé, ou simplement mécontent, rassemble une bande de cavaliers, arrive ches son ennemt attaque ses habitations, et lui enlêre ses haras et ses bentiaux. Voilà l'héroisme: voilà en quoi consiste la grander rchez les Kirghis!" (Desc. des Kirghis-Kazaks, p. 351.) These barantas had become so frequent and extensive in 1812—1820, that the pop. of the bordes, especially the little horde, was much thinned; the trade in cattle was all but destroyed; and thousands of families, unable to support life in their own country, emigrated to the government of Orenburg, and other parts of Russia. The arms of the warrior Kirghis are the lance, sabre, ow and arrows, a long-handled axe, called tchakase, and a clumsy kind of gun; their defensive armour being a coat of mail, and sometimes a helmet. Among a people so disorderly, it is impossible that internal industry should flourish. Weaving is carried on for the supply of family wants, cordage is manufactured from horses' and goats' hair, a coarse soap is made of grease and vegetable ashes, and the akins of sheep and goats are converted into a rude kind of leather. Blacksmiths, and other workers in metal, make the ornaments attached to horse-furniture, belts, sword-blades, spears, &c.; but very article is of the coarsest quality and worst make. The trade now carried on by these people with other nations is much less considerable than it was half a century ago, in consequence of the loss of cattle and horses by the

horse-furniture, belts, sword-blades, spears, &c.; but every article is of the coarsest quality and worst make. The trade now carried on by these people with other nations is much less considerable than it was half a century ago, in consequence of the loss of cattle and horses by the barantas. The Russians and Chinese have pretty large dealings with them, and a brisk trade is also carried on with Khiva, Khokan, and Little Bucharia. The trading posts of the Russians are at Orenburg (the most important of all), Troitsk, Petropavlowsk, Omsk, Semipalatinsk, and Ouralsk, those of the Chinese being at Tchugutchak (Chin. Tathaxatai) and Kuldsha (Chin. Itin.

The business, usually carried on in summer and autumn, is conducted wholly by barter, the Kirghis furnishing sheep, horses, horned cattle, camels, goats, goats, half and wool, the skins of horses, sheep, and other animals, wild as well as domestic, and antelopes horns; in return for which they receive from the Russians iron and copper implements, thimbles, needles, cuttery, padiocks, hatchets, veivets, brocades, silk-stuff, linens, ribands, looking-glasses, smiff, &c.; from the Chinese, silver, silk goods, porcelain, japanned wares, and tea; and from the Khurians and Bokharians, cotton goods, quilted dresses, rice, swords, \$re-arms, and powder. Independently of the trade they carry on at the outposts, considerable traffic takes place with the caravans crossing the steppe between Khiva, Khokan, and the Russian frontier. The Kirghisare usually employed as protectors and guides in the journey over these wilds; great delays often occur owing to the caprice of their property, are in general heavily mulcted by the Khans, through whose pastures they are obliged to pass. In fact, says Levchine, the experience of more than a century shows the impossibility of success in overland trade in W. Asis, so long as these tribes maintain their instinctive love of war and brigandage. The chief caravan routes are, 1. from Kaimikof to Khiva, across the Outputs of the Koran, by which h

preeminence.

With respect to religion, it is difficult to say whether the Kirghis have any particular form. They acknowledge a supreme creative intelligence; but some worship according to the dogmas of the Koran, and others mingle lasamism with an old kind of idolatry, while a third section of the pop. believe in the existence not only of a good deity, called Kosdai, but also of a wicked spirit, c'haitane, the author of all evil. In the existence of in-

ferior spirits, and in witchcraft and sorcery, the people have universally the most implicit faith; and the hadjis travelling through the steppe reap great pecuniary advantages by imposing on their credulity. The divinations, however, of the Jaouromachi, and other self-stipled prophets, are not, according to Lévchine's account, a whit more abourd than the impositions anciently practised by the priests of Delphi (p. 332—338.). The exercises of religion meet with fittle attention; long and frequent prayers do not suit the Kirghis; they fast too coften by compulsion to do so by choice; and they are not so friendly to cleanliness as to relish the ablutions enjoined by the Mohammedan religion. In fact, with the exception of extreme credulity, there is hardly a trace of religious sentiment among them.

The history of the Kirghis-Kamaks cannot be traced with much probability beyond the left century. Earlier historians, commencing even with Herodotus, inform us, that the steppe was inhabited by a people living in felt tenta, and otherwise assimilated to the great Mongolian family; but these were Nogai, not Kirghis. being more civilised, and in all probability the builders of those temples and houses the ruins of which are still risble. (See Herod. 1v. 24. 46.; Hecrea's Researcher, Asta, ii, 386—238.; and Lérockine, p. 117—135.) The name of the Kirghis first appears in Russian history about the middle of the 16th century; but Ferdusi, in the 11th century, speaks of Kasaks characterised by the same habits at the Kirghis; though it does not appear that they then lived on the great steppe E. of the Arai. They first became nominally subject to Russia 11740; but the rule of that country has never been felt but by the tribes adjoining the frontier. As to the native history and the first house the first house in the particular to some carrying them out of reach, when it suits their purpose to plunder rather than those his particular to be proved whether the efforts now in progress at Orenburg, to introduce civilisation into th

rooms and libraries.

The inhabitants of Kirkcaldy are honourably distinguished by their enterprise, both as manufacturers and traders. The staple manufacture of the town is that of coarse linen, including sheetings, ticks, dowlas, canvase, &c. It appears, from the Factory Returns, that in 1838 there were in Kirkcaldy 10 flax mills driven by steam, employing in all about 500 workpeople. It also appears that in 1830 there were :54 looms at work in the parishes

^{*} These kests are, in all probability, synonymous with the Khodjas among the Mongolians, mentioned by Timkowsky.

of Rirkealdy and Abbotshall, exclusive of a few in power-loora factories. The average set weekly earnings of the weavers amount to at least 8s. 6d. a week; but superior hands make 10s. 6d., and some even as much as 18s. The wayes of machine makers, masons, and ether artisans, are higher, averaging from 16s. to 18s. a week. The moral and intellectual condition of the weavers is said to be very good: and there is very little apparent distress amongst them. There are no poor rates; the poor being supported by voluntary contributions.

poor raics; the poor being supported by voluntary contributions.

Kirkcaldy has also a rope-walk, bleach-fields, two Iron foundries, a distillery, a tile and brick work, a pottery, and two or three breweries. Branches of the bank of Scotiand, the Commercial and National banks, and the Giasgow bank, are established here; and there is also a savings' bank. A chamber of commerce has been established for several years.

The harbour, near the R. end of the town, consists of an inner and outer basin. It is wholly artificial, being formed of three piers, and unfortunately dries at low water; but notwithstanding this drawback, the town possesses a good deal of shipping, and carries on a pretty extensive trade. There belonged to the port (ex. Anstrukher), on the lat Jan. 1850, 74 ships, of the aggregate burden of 9,976 tons: vessels from Kirkcaldy have been for lengthemed period engaged in the N. See whale fishery; but here as eisewhere, this business has been recently on the decline. Shipping companies carry on a regular intercourse, by means of smacks and steamers, with London and Leith; and there is a good deal of trade with the N. of Europe, whence hemp, flax, timber, tar, &c. are imported, and to which manufactured goods, coal, &c are exported. Gross customs' revenue, in 1846, 9,886. There is a weekly corn market, which is extremely well attended; and the town's markets for butcher's meat, fish, &c. are well supplied.

Kritcaldy was made a royal bor. by Charles I. in 1644.

sttended; and the town's markets for butcher's meat, fish, &c. are well supplied.

Kirkcaldy was made a royal bor, by Charles I. in 1644. It had attained about this period to considerable wealth and distinction; but it subsequently encountered sever losses, and about the middle of last century it had only two ferry-boats and one coasting vessel! But since 1763, and especially since the close of the American war, its manufactures, commerce, and population have steadily increased. It is now governed by a provost, 3 bailles, and 18 councillors. Corporation revenue, in 1848-49, 18594., principally the produce of the ferry between the town and Leith.

Kirkcaldy unites with Burntisland Description.

Kirkcaldy unites with Burntisland, Dysart, and King-orn, in sending 1 mem. to the H. of C. Registered

Kirkcaidy unites with Burntisland, Dysart, and King-horn, in sending i mem. to the H. of C. Registered electors in this bor., in 1849-50, 366.
Kirkcaidy has to boast of being the birth-place of Adam Smith, the author of the "Wealth of Nations," born here on the 5th of June, 1733. His father being comptroller of customs at this port, Smith received the radiments of his education in the parish-school; and he afterwards resided here, with little interruption, from 1766 to 1776, occupied in the elaboration of his great work, which appeared in the last-mentioned year. Haith, the seat of the Ferguson family, is in the immediate vicinity of the town.

the seat of the ferguson izamly, is in the immediate vicinity of the town.

KIRKCUDBRIGHT, a marit. co. of Scotland, or, as it is more frequently termed, a stewartry, in the most southerly portion of that kingdom, comprising the R. half of the district known by the name of Galloway. It is bounded on the R., N., and W. by the counties of Dumfries, Ayr, and Wigtown, and on the S. by the Irish Sea and the Solway Frith. Area, 833,760 acres, of which from 1-4th to 1-3d part may be arable. Surface much diversified, but in general hilly, and in extensive districts mountainous. The highest part of the Kell's range has an elevation of 2,652 ft.; and Cairnsmoor of Fleet, on the bay of Wigtown, rises to the height of 2,329 ft. The greater number of the hills are bleak and barren; but in parts, particularly on the confines of Ayrshire, they afford good sheep pasture. The arable lands lie principally to the S. of a line drawn from the middle of the par. of the Solway Frith, and some other considerable hills, lie within this tract. Climate in the lower districts mild but moist; in the upper districts it is sometimes severe. Except along the Solway Frith, the soil even of the arable land of the stewartry has seldom a smooth, continuous surface: it is very often broken with gravelly knolls, but the hollows between these consist principality of a gravelly or hazelly loam, and are often extremely productive, and particularly well adapted for the turnip husbandry; and in wet summers the arable knolls are covered with luxuriant crops, while many of those that do not admit of cultivation yield excellent pasture. Principal crops barley and oats; but wheat is also raised. Within the last few years the turnip culture has made great progress. Arable husbandry has been succeasievely employed in the raising of turnips. But the soil and climate are better suited for grazing vicinity of the town.

KIRKCUDBRIGHT, a marit. co. of Scotland, or, as

I than cropping, and the principal attention of the farmer is given to the former. The breed of polled cattle, peculiar to this co. and that of Wigtown, is well known to be one of the best in the empire: they are principally sent up by land when half fat to the Norfolk fairs; but they are now, with sheep, sometimes fattened off on turnip and sent by steam to Liverpool. Farm buildings have been vastly improved, and the roads, which were formerly excerable, are now nowise inferior to those of any other co. in the empire. There are some very large estates, but property is, notwithstanding, more subdivided in this than in most other Scotch cos. Farms of medium size, and all let on 19 year leases. This co. and Wigtown are mostly subdivided by the dry stone walls known, from this district, by the name of "Galloway dykes," and which, when well built, make an excellent fence. Average rent of land, in 1843, 63, 11 & an acre. Manufactures and minerals unimportant: lime, coal, and freestone, are all imported principally from Whitehaven, on the opposite side of the Solway Frith. The granite used in the construction of the Liverpool docks is mostly obtained from near Creetown, in this co. Principal rivers, Dee, Fleet, and Urr: the salmon fasheries on the first are valuable. Principal town, Kirkeudbright. This co. has 28 parishee, and sends I mem to the H of C., for the oo, while the bor of Kirkeudbright, This co. has 28 parishee, and ends I mem to the H of C., for the oo, while the bor of Kirkeudbright blown, kirkeudbright, This co. has 28 parishee, and ends I mem to the H of C., for the oo, while the bor of Kirkeudbright blows with the fath of the salmon shall be subscitced in the salmon shall be subscitced by the stories of the poor of Kirkeudbright blows with the salmon shall be subscitced by the stories of real property to the solve co., on the Dee, about 6 m. above its confisience with the Solvay Frith, 24 m. S.W. Dumfres, and 83 s.W. Edibourgh. Pop. of Soctland, cap. of the shore of contained to the shall be subscitce

scarried on to some extent: but it has no other manufacture worth notice. A regular steam communication is established with Liverpool, which has been of the greatest advantage to the town and district. There is no bridge over the Dee nearer than Tongland, about 2 m. farther up the river, and to which it is navigable; but passengers, with horses and carriages, are ferried over in a flat-bottomed boat, with but little inconvenience. The town is lighted with gas; and is supplied with water brought from a distance by pipes. It was made a royal bor. by James II. in 1455. Under the Municipal Reform Act, it is governed by a provost, 2 ballies, and 14 councillors. It unites with Dumfries, Annan, Sanguhar, and Lochmaben, in sending I mem to the H. of C. Registered electors, in 1849-50, 59. Corporation revenue in 1848-49, 1,249. 5s. 6s.: Its pecuniary affairs have been exceedingly well managed; and it has at this moment the whole property contained in the charter of James II. The town's revenues are employed to defirst the expences of the academy, and the charges to defray the expences of the academy, and the charges on account of lighting the town, supplying it with water, &c., for which no assessment is imposed on the inhabi-

tants.

The environs of the town are extremely beautiful.

The rising grounds on each side the river, from Tong-land to the sea, are embellished with plantations. St. Mary's Isle, the residence of the earls of Selkirk, adjoins the town on the S. Kirkcudbright appears to be a desirable place of residence for people of small fortune;

provisions of all sorts are abundant and cheap; house-rent is very low: a good education may be had for a mere trifle; the society is superior to that in most small towns; and there is a ready means of communicating with Edinburgh on the one hand, and with Liverpool

trifle; the society is superior to that in most small towns; and there is a ready means of communicating with Edinburgh on the one hand, and with Liverpool and London on the other.

KIRK HAM, a manufacturing and market-town, and par. of England, co. Lancaster, hund. Amounderness, in the low district, called the Fylde, 7 m. W. by N. Freston, 37 m. N. Liverpool, and 220 m. N. N. W. London. Area of ar., which contains 18 townships and chapelries, 41,850 acres: pop., in 1841, 11,601: do. of Kirkham township, 2903. The town, though small, is handsome and well built. The church, a large modern structure, was erected, in 1822, at an expense of 5,0001: the tower, however, is ancient, and its interior, which accommodates nearly 2,000 persons, is ornamented with several fine old monuments, carefully replaced in the new building. The living is a vicarage, in the patrimony of the Dean and Canons of Christchurch, Oxford, the chapelries in the out-townships being in the gift of the incumbent. Within the town, are places of worship for Wesleyan Methodists, Independents, Swedenborgians, and Rom. Catholics, with attached Sunday schools, attended by about 500 children; and connected with the church, is a national school for boys and girls. A grammar school, founded in 1670, enjoys a good reputation, and is attended by 80 or 100 boys: it is managed by a principal and two under-masters; the instruction given is purely classical: a charity school, established in 1700, for clothing and educating 40 girls, is alleged to be respectably conducted; and the Rom. Catholics have two large schools for the children of that religion, which has numerous adherents in and round the town. The industry of Kirkham, 20 years ago, was confined to the manufacture of sail-cloth, cordage, and coarse linens, of materials brought from the Baltic; but now, the cotton manufacture of sail-cloth, cordage, and coarse linens, of materials brought from the Baltic; but now, the cotton manufacture of sail-cloth, cordage, and coarse linens, of materials brought fro

KIRKLESÍ, KIRK-EKLESÍ, or KIRK-KILISSA (meaning the towns of forty Churches), a town of European Turkey, prov. Roumella, cap. circ. of its own name, 30 m. K. Adrianople and 105, m. W. N. W. Constantinople; lat. 41° 50′ N., long, 16° 50′ E. Pop., according to Dr. Walsh, about 5,500 families, or 28,000 individuals (2-5th) being Greeks). It is a large, dirty, ruinous town, surrounded with old wails defended by a citadel, and has a basaar, several mosques and hummums, but no Greek church, the public celebration of the rites belonging to that religion being here attended with heavy penalties. The neighbourhood produces an abundance of grapes, melons, and other fruitz; and a groud deal of grapes, melons. and other fruitz; and a groud deal of

and has a bassar, several mosques and hummums, but no Greek church, the public celebration of the rites belonging to that religion being here attended with heavy penalties. The neighbourhood produces an abundance of grapes, melons, and other fruits; and a good deal of wine is made. The Turkish inhab, are described as a rude, brutal, and ignorant rabble, treating all with contempt who speak any language in addition to their own. The Greeks, on the contrary, are described by Dr. Walsh as "a large and thriving community, who have established two good schools on the monitorial system for the instruction of their children, a degree of refinement to be met with in only one other town of Turkey." (Welsh's Journey from Constantisople, p. 137.)

KIRK WALL, a royal and parl. bor., market-town, and sea-port of Scotland, in Mainland, or Pomons, the largest of the Orkney Islands, of which it is the cap., on the N. B. side of the island, at the head of an open bay exposed to the N.; lat. 58° 59' 31" N., long. 3° 23'0" W., 26 m. N. by E. John O'Groats, and 208 m. N. Edinburgh. Pop., in 1841, 2066. The town consists chiefly of one narrow and inconvenient street, about i m. in length, parallel to the bay. The houses have generally their gables to the street, and most of them bear the marks of antiquity. But new and handsome houses are gradually being erected, both in the town and neighbourbood. Here most of the country gentry reside, at least during winter, and the society of this remote place is esteemed equal, if not superior, to that of any provincial town of tasties in Scotland. The only public building of a modern date is the town hall, with plassas in front, containing a gaol, assembly-rooms, court-room, &c. The principal country, and dedicated to Magnus, one of the Scandinavian earls of Orkney, who, having been assassimated in 1110, was canonised after his death. This venerable Gothic structure, which has been enlarged at different times, is, after the cathedral of Glasgow, the most enter in Scotland: it is in the form o

the roof 71 ft., and that of the spire 140 ft. But the original spire having been destroyed by lightuing in 1671, the present spire is modern, and it is, also, unworthy of the building. About 100 yds. S. from the cathedral are the ruins of two ancient edifices, vis. the Earl's Palace, built by Patrick Stewart, Earl of Orkney, and the Bishop's Palace. In the latter, Haco, king of Norway, died on his return to Orkney, after the unsuccessful battle of Largs, in 1963, and James V., occupied it on his visit to the Island in 1540. The remains of Kirkwall castle, on the W., are still visible. The cathedral formed the cemetery of many Scandinavian kings, nobles, and warriors. The par. church, consisting of the choir of the cathedral, is collegiate. There are also chapels belonging respectively to the Associate Synod, Original Seceders, and Independents. The town has numerous and well attended schools, several libraries, a museum, and a printing-press. The poor are supported by a poorrate, which, in 1847, amounted to 1971, and by the church collections, the usual parochial dues, and the produce (163. 4s. 5d.) of a bequest for the purpose. Malcolm Laing, the historian of Scotland, was born in the vicinity of Kirkwall, and educated at the grammar-school of the bor; and at his death, in 1818, his remains were interred in St. Magnus' cathedral.

Rye straw raised in Orkney having been found to be occuliarly witishle for the manufacture of straw plaif for the roof 71 ft., and that of the spire 140 ft. But the or

in St. Magnus' cathedral. Raye straw raised in Other having been found to be peculiarly suitable for the manufacture of straw plait for ladies' bonnets, the business is carried on in Kirkwall to a considerable extent, though not so much so as formerly. It has also 2 distilleries, and some weaving is carried on for domestic use.

The herring, cod, and lobster fishery is prosecuted to considerable extent. The town is the seat of the coarts of law for the whole of Orkney. Kirkwall has a customhouse, which comprises all the harbours in the Orkneys: total number of vessels in 1850, 62; tonnage, 4,245; gross customs' revenue, in 1846, 9621. A steam-boat plies between Leith and Kirkwall weekly, touching at Aberdeen, Wick, and intermediate ports: in summer it goes as far as Lerwick, in Shetland. Kirkwall has an annual fair in the month of August, which lasts about two weeks: air in the month of August, which lasts about two weeks; and the greater part of all the mercantile business of the Orkney Islands is negotiated at this fair. The town has ch banks.

and the greater part of all the mercantile business of the Orkney Islands is negotiated at this fair. The town has 2 branch banks.

Kirkwall was made a royal bor. by James III. in 1486. It unites with Cromarty, Wick, Dingwall, Dornoch, and Tain in sending a member to the ft. of C. Registered electors, in 1849-50, 109. (Messrs. Anderson's Highestes and Islands of Scotland, sect. ix.; Barry's Hist. of Orkney; Ketth's Scotlath Bishops, Russell's ed., 1834, 219-239.)

KIRRIEMUIR, a bor. of barony, market and manufacturing town and part of Scotland, co. Forfar, in a pleasant situation, partly on a flat and partly on an inclined plain, along the N. brow of a picturesque glen, through which the streamlet Garry runs, 15 m. N. by W. Dundee, and 5 m. N. W. Forfar. The Grampian sare within 3 m. of the town, on the N. The view from its upper part, about 400 ft. above the level of the sea, is most extensive and striking, having the Grampian range on the N., and the whole extent of the splendid valley o. Strathmore on the S. Pop. of par. in 1801, 2,321; in 1831, and in 1841, 7,085, of town, 3,067.

The form of the town has some analogy to an anchor. The streets are lighted with gas. The only public buildings are, the Trades' Hall, the property of 13 friendly societies of the town and parish; the parish church; and chaples belonging respectively to the Associate Synod, the Relief, the Original Seceders, and the Episcopalisms. There are 16 schools in the par., of which 3 are endowed, the Relief, the Original Seceders, and the Episcopalisms. There are 16 schools in the par., of which 3 are endowed, and news-room. About 50 years ago, only one newspaper came to the parish; the number is now about 300 a week. (New Stat. Acc. of Scotland, § Porfaratire, p. 188.) Dr. M*Crie, the biographer of John Knox, and Dr. Jamieson, the Scotch lexicographer, were once dissenting clergymen in Kirriemuir.

Though inland, and devold of ready communication with the sea, Kirriemuir has attained to considerable eminence in the manufacture of the coar

facturers, was introduced soon after the rebellion of 1746. During the year ending November, 1799, 1814,874 yards were stamped. In 1834, 85,000 webs were woven, containing no lewer than 6,760,000 yards, or nearly generative the quantity produced at the beginning of the century. The quantity produced in 1841 was estimated at about 7,000,000 yards, and the number of persons, including apprentices, employed in the town and vicinity, at about 3,000. (Stat. Acc., wt supers.) "Although the yarns must be carried from the shore in carts, and along roads constructed on the common principles, and although the cloths, when manufactured, must be carried back by the

sume rude conveyance, such is the ingenuity of the weavers, and such their industry, that we are not only also to come into competition with our rivals in the more favoured towns on the coast, but even to bear away from them the palm of victory. Hence it is, that several mill-spinners in Meirose and Dundee, towns possessing many natural advantages, to which we can lay no claim, have been accustomed to send their yarns to be soven in this distant quarter." (Ib. p. 190.) But the communication has recently been much improved, at least with Dundee, insumuch as the Dundee and Newtyle railroad extends to Giammis, 5 m. distant from kirriemuir. There is also a railway between Arbroath and Forfar, the last place being also distant 5 m. The Kirriemuir containing a bell weighing 90 conserver, a gymnasium, high school, two hospitals, and manufactures of woollen the last place of the best in the country. There shie to come into competition with our rivals in the more favoured towns on the coast, but even to bear away from them the palm of victory. Hence it is, that several mill-spinners in Melrose and Dundee, towns possesting samy natural advantages, to which we can lay no claim, have been accustomed to send their yarns to be woren this distant quarter." (1b. p. 190.) But the communication has recently been much improved, at least with Dundee, insamuch as the Dundee and Newtyle railroad extends to Glammis, 5 m. distant from Kirriemuir. There is also a railway between Arbroath and Forfar, the last place being also distant 5 m. The Kirriemuir. There is also a railway between Arbroath and Forfar, the last place being also distant 5 m. The Kirriemuir weekly market is one of the best in the country. There are, besides, four annual fairs for cattle, borses, and sheep. There is a branch bank here: also aswings bank. About 30 years ago, the revenue from the postoffice amounted, in one year, after paying the necessary expense, to 8d.: it now (1835) amounts to 3601, per ansum. (1b. p. 185.)

Kirriemuir is governed by a ballie, nominated by the feudal superior (Lord Douglas). The peace is preserved by a body of constables, chosen annually.

KISHM (the Oweacts of an. Greek authors), the largest island in the Persian Gulph, and the chief of a group situated near its mouth, extending between lat. 50° and 50° 30′ N., and long. 30° and 27° E., comprising Ormsus, Kenn, Anjar, Larak, and many smaller islands. Kishm is of an elongated shape, nearly 60m. in length materials of the properties of the same and intricate channel, navi-

E. to W., and 12 m. in its greatest breadth. Pop. esti-mate at 5,000. It is separated from the main land by Clarence Strata, a narrow and intricate channel, navi-gable, however, for large ships, the soundings varying from 4 to 12 fethoms. A ridge of hills extends from one masted at 5,000. It is separated from the main land oy Clarence Straits, a narrow and intricate channel, navigable, however, for large ships, the soundings varying from a to 12 fathoms. A ridge of hills extends from one extremstry to the other of the island on its 3. side; the rest of the surface is mostly plain. Sandstone is the predominant formation. The surface is generally arid and barren, and is in parts extensively incrusted with saline efflorescence; but a few portions are remarkably productive. The N. part of the island is the most fertile and populous: the soil there consists of a black loam, on which wheat, barley, vegetables, melons, grapes, and states in large quantities are produced. The laland at present yields corn enough for home consumption. Boats from all parts of the Gulph come to Kishm for wood. Cattle and poultry are reared; the former are scarce, but goats are bred in considerable numbers, and thrive well. The greatest enemies of the goats are jackals, with which the island is much infested; antelopes of a superior breed, partridges, and rock pigeons, abound, and wild fowl in winter. The inhab. are chiefly Arabe; they employ themselves in fashing, agriculture, and the manulature of cloth, and reside chiefly in villages and hamlets scattered along the coasts. Kishm is said to have sone contained upwards of 300 towns and villages, but at present if has nothing like half that number. The chiefl towns are Kishm at its E., and Bastdoth at the Wextremity, and Left on its N. side. Kishm, with about 2,000 inhab, seems to have been formerly of considerable commercial importance. It is surrounded by a high mud wall, fishliced with towers, on which a few sed gums are mounted. Streets narrow and dirty, houses fast roofed, and some of them large and neatly fitted up. The bezar is plentifully supplied with many kinds of vegetables and fruits from Persia; and good wines, dried fruits, silk and cotton cloths, and carpets of the richest patterns, may be obtained. The town has a brisk trade and a bustling a

erigin, 5 or 6 m. in circuit, and uninhabited, though the remains of a town and reservoir be still visible on its N. side. It is covered with pits of salt and metallic ores; and between it and Kishm is an excellent anchorage. Larak, to the S.B., is also of volcanic origin, and inhabited only by a few fishermen. The Great and Little Tosnbe, shout 25 m. S.W. Kishm, are low and uninhabited. The small islets between Kishm and the main land are verdant and covered with wood, a circumstance rare in the adjacent parts of Persia. Nearchus visited

5,700. It is well built, and has a castle, some nanasome churches, a council-house, with a tower 190 ft, in height, containing a bell weighing 90 consisers, a gymnasium, high school, two hospitals, and manufactures of woollen cloth and stockings. It is said to have been founded in the 8th century.

KNARESBOROUGH, a parl. bor. market town, and par. of England, co. York, W. riding, wap. Claro, 165 m. W. by N. York, the same dist. N. Leeds, and 182 m. N. by W. London. Pop. of parl. bor. (which includes, besides the old bor., parts of Scriven and Knaresborough townships), in 1831, 6,253. The town is beautifully stunsted on a slope, N.E. of the Nidd, "the stream of which is rapid, deep, and very serviceable for turning the wheels of mills and machinery connected with the linen trade!" (Rosead. Rep.) Two stone bridges cross it, one above, and the other below the town; and on a beedling crag, close over the torrent stands a ruined castle, opposite to which, on the other side the river, is a curious dropping well, the water of which runs from a source 50 ft. above, and trickles through a porous limestone rock with sufficient rapidity to deliver about 26 gallons per minute. At no great distance is an oratory, carved out of the rock, and a mile lower down the stream are the ruins of a priory, founded by Richard, brother of Henry Ill., and a cavern known as St. Robert's Cave, where Rugene Aram, now so well known through Sir Lytton Bulwer's novel, committed the munder in 1745, of which be was convicted 15 years after. The streets of Knaresborough are broad, requirily laid out, well-paved, and lighted with gas: the bouses are aimost wholly of stone, and many of them large and handsome. The market-place is extensive, and there is a good market-house. The court-house cocquies the centre of the office of considerable antiquity, but little beauty. The independent, Wesleyam Methodists, and R. Catholics, have also places of worship, and the Sunday schools of the church and chapels are attended by uywards of 800 children. A charif

NOV. 22.

KNIGHTON, a market town, parl. bor., and par. of N. Wales, co. Radnor, on the Teme, 28 m. S.S.W. Shrewsbury, and 186 m. W.N.W. London. Area of

parish, 252 acres: pop., in 1841, 1,404. Pop. of parl. bor. 1,183. The town comprises two chief streets, intersecting each other at right-angles, and the gentle acclivity on which it stands, not only gives it a picturesque appearance, but greatly contributes to its cleanliness. A small modern-built church, subordinate to that of Stowe, in Shropshire, and a chapel for Calvinist-Methodists, are the only places of worship; and the charities comprise a free-school and an almshouse.

small modern-built church, subordinate to that of Stowe, in Shropshire, and a chapel for Calvinist-Methodists, are the only places of worship; and the charitles comprise a free-school and an almshouse.

Knighton is principally occupied by tradesmen, mechanics, maisters, &c.: it has no manufactures, the wool-dyeing and spinning business having ceased to exist. Wool-stapling is carried on to some extent, though much less than before 1811, when a large establishment failed. The market is very large and important: it is attended by dealers even from Birmingham and its neighbourhood, who come for meat poultry, eggs, butter, cheese, &c.; and butcher's meat is sometimes sent to London. Petty sessions are held beremonthly. The officers of the borough are a ballift, burgesses and constables; but they have little or no authority, and the ballift's only business is to collect the chief rents of the manor, which belongs to the Earl of Oxford. The boundaries of the part bor, were not changed by the Boundary Act of 1832, and in 1849-50 there were 487 registered electors in the bor. of New Radnor, to which Knighton is contributory.

Knighton is called by the Welsh Tref-g-clavad, or "the town on the dyke," from the circumstance of its position close to Off's dyke, which enters the parish on the N., and running due S. about 2 m., may be traced through several parishes into the county of Hereford. (Nicholose's Guide; Parl. Rep.)

KNUTSFORD Corrupted from Craste's Ford, so called because the Danish Canute crossed here with his army,) a market-town and par. of England, co. Chester, hund. Bucklow, 11½ m. W. by N. Macclesfield, 18½ m. S. by W. Manchester, and 164 m. N.N. W. London. Area of par., 4300 acres. Pop., in 1841, 4,005; do. of Nether and Over Knutsford townships, 3,410. The town is divided into two parts, called Over and Nether Knutsford, by the brook Birken, an affuent of the Bodlin, which rises about ½ m. S. in Nether Knutsford, is to be spacious and well conducted. The church, a modern structure of brick and stone, with

Sat. Cloth and cattle fairs, Whit-Tues., July 10. and Nov. 8.

KOMORN. See Comorn.

KOMORN. See Comorn.

KONIEH (an. Iconism), a town of Asiatic Turkey, prov. Karamania, cap. of a pach. and sandjiak of its own name, 27 m. E. by S. Smyrna, and 182 m. S. Angora; lat. 37° bt 'N., long. 38° 30° E. Pop. about 30,000, chiefly Turks. It extends over the plain B. and S. far beyond the walls, which are about 2 m. in circ. Snow-covered mountains surround the level country on every side except the E., where a dreary plain extends to the horizon. The walls were built by the Seljuk sultans, of materials taken from more ancient edifices; and the figures in ello relieve which ornament the gates are alleged by Kinneir to be amongst the finest in Turkey. In the middle of the town a small eminence is covered with the remains of a fortified palace, once inhabited by the Seljuk princes. The present public buildings comprise 19 large and numerous smaller mosques (that of Sultan Selim having been built on the model of St. Sophia at Constantinople), several madressas or colleges (only one of which, the Capan madressa, is now inhabited), 2 Armenian churches, 4 public baths, and 7 khans for the accommodation of merchants. The importance of Konleh belongs to the past; for it has now dwindled into insignificance, and exhibits every mark of desolation and decay. A few carpets and some morocco leather are manufactured here; but trade is in a very languishing state, and far the greater portion of the adjacent territory is permitted to lie waste.

Iconium, the cap. of Lycaonia, mentioned by Herodotus and Kenophon as being on the great poet road be-

kocm.

tween Sardis and Susa, is reported by Strabo to have been a well-built town, situated in a fine country, and is celebrated in gospel history as having been the scene of St. Paul's persecution by the unbelleving inhab. (See Acts, xiv. 1.—7) After the taking of Nicæa by the crusaders in 1069, it became the residence of the Seljuk sultans of Roum, by whom it was much embellished and enlarged. Frederick Barbarossa expelled them in 1169; but after his death, they re-entered their c. pital, and itwed in splendour till the irruption of Jenghis-khan, and his son Holukow, who broke the power of the Seljuks. Konieh has been included in the dominions of the Grand Seignior since the time of Bajaset, who finally extirpated the Ameers of Karamania. (Kimscir's Asia Misor, p. 217—222; Leake's Tour, p. 48.)

KONIGGRATZ (Boh. Kralowy-Hradecx), a town of Bohemia, cap. circ. of same name, on the Elbe. G3 m. E.N.E. Prague. Pop. (1839) 8,024. It is fortified; and has 3 suburba, some large barracks, a fine cathedral, Jesuits' college, episcopal seminary, gymnastum, high school, and a celebrated orphan asylum. Woollen cloth weaving is the chief employment of the Inhab. It was taken several times by the Prussians during the last century. (Oesterr. Nat. Enge.; Berghaus, &c.)

KONIGSBERG, a large city of the Prussian states, now the cap. of the prov. of Prussia Proper, and of a reg. and circ. of the same name, as it formerly was of the monarchy, on the Pregel, near where it falls into the Frische Haff, lat. 34° 42° 11" N., long. 20° 30° E. Pop. (1846), 75.234. A bar at the mouth of the Pregel prevents vessels drawing more than 5 or 6 ft. water ascending the river to Königsberg, so that its port is properly at Piliau, at the junction of the Frische Haff with the Baltic. A part of Königsberg is built on an island formed by the Pregel, the houses being founded on piles, as at Venice and Amsterdam. Opposite to this island, and on the N. bank of the view, residence of carriages, but render that of pedestrians a work of real danger. Eve

of the monarchy. arms of the Pregel.

of the monarchy. There are seven bridges over the arms of the Pregel.

Königsberg is the seat of the government of the prov., and of a court of appeal and a tribunal of commerce. Its university, founded in 1944, had Kant, who died here in 1804, for one of its professors, and is attended by about 350 students. The city has besides three gymnasiums, two seminaries for preachers, with numerous schools, a royal literary society, a celebrated observatory, and various other literary establishments, a blind asylum. &c. There are manufactures of woollens, cottons, leather, gloves, lace, wax, soap, refined sugar, &c., with breweries and distilleries on a large scale. The great articles of export consist of wheat, rye, barley, oats, pease, taves, flax and hemp, timber, linseed, ashes, bristles, &c.; the imports being colonial products, cotton, and cotton-twist, wine, dye stuffs, spices, oil, coals, &c. For an account of the shipping entered and cleared out at Königsberg, see PILLAU.

KOOM, a city of Persia, prov. Irak-Adjemi, district of its own name, 186 m. N. by W. Ispahan, and 60 m. S. by W. Teheran; lat. 340 45 N., long. 500 29' K. Pop., according to Ousely, about 8,000; but Morier regards this statement as exaggerated. It stands in an extensive plain, and on the banks of a small river rising at no great distance, and lost eastward in the great sait desert. On approaching the city, the remains of habitations, gardens, and tombs become so numerous as to evince that this district was formerly very populous. Among the sepulchral ruins are upwards of 100 tombs of smdm sade/as (descendants of imáms), distinguished by their tiled

KOONDOOZ.

cuspolas; and there is a very beautiful college, with a celebrated mosque and mausoleum dedicated to the memory of Fatima, the daughter of Imam Resa, and containing the tombs also of Sed I. and Shah-Abbas II. The dome is lofty, and, with the interior, was, a few years ago covered with glit plates, by the mother of the late shah, Futtee Ali. Koom, though formerly a place of some trade in fruit, silk, sonp, sword-blades, and white earthenware, has sunk into utter insignificance: the bataars hardly contain 40 shops, and the only employment of the inhab. Is the cultivation of a little corn and rice. In fact, the place is little more than a mass of ruins, and at least two-thirds of the buildings have been untenanted for half a century. Its sanctity, however, as a place of refuge and pilgrimage is generally celebrated throughout Fersia, and sevotees still order their bones to be brought here for segulture.

pilgrimage is generally celebrated throughout Perela, and devotees still order their bones to be brought here for sepulture.

Koom is conjectured by D'Anville to stand on the site of the ancient Choeme, visited by Alexander. In the Shah Nameh it is named as an ancient city, and its foundation assigned to Kai-Kohed. More dependence, however, may be placed on the statement of D'Herbelot, that it was either founded or rebuilt by the Saracens, about the beginning of the uinth century. Timur-Leng destroyed it; but it regained its importance under the Sefi dynasty. In Chardin's time there were 15,000 houses, about the Perila the season of the Sefi dynasty. In Chardin's time there were 15,000 houses, 20 large mosques, extensive beasars, and a handsome bridge over the river; but in 1722, when the Affghans invaded Persia, they pillaged and all but destroyed the city: repeated earthquakes have also much damaged the remaining buildings, and Koom is now only a melancholy ruin. (*Liencir's Persia, 116.: Ousely, iii. 99—106.; *Batter's Asia, vol. vl. part 2. p. 30—33.)

KOONDOCZ, as indep, khanat of Central Asia, between the 38th and 38th deg. N. lat., and the 86th and 72d E. long., at present comprising, as tributary states, Buduksham, and many other small chiefships N. of the Hindoo Kooeh. It has N. the territ. of Hissar, Durwas, &c.; E., the Bolor-Tagh mountains, separating it from the Chinese dom.; S., Caufirstan, and the Hindoo Kooeh, which divides it from Caubul; and W., a part of Afghanistan, and the territ. of Balkh. The central part of this dom., or Koondoos Proper, seems to be situated on a lower level than the surrounding prove. It is of

the Chisese dom.; S., Caudristan, and the Hindoo Koosh, which divides it from Caubul; and W., apart of Alighanistan, and the territ. of Balkh. The central part of this dom., or Koondoos Proper, seems to be situated on a lower level than the surrounding provs. It is of limited dimensions, is enclosed by ranges of low hills, and watered by two of the principal tributaries of the Oxas, in the upper part of its course. It is in many parts to marshy, that the roads are obliged to be constructed on piles of wood, fixed among noxious and rank vegetation. The climate is most pestiferous: snow lies for three months in winter, but the heat in summer is often excessive. The soil is, however, very fertile; and produces abundant crops of grain. In the marshy grounds rice is the chief product, and in the drier grounds wheat and barley. The revenues of the chief are derived, as in the other E. states, from the land: they are paid principally in kind, and are said to amount to a third part of the produce of the soil. Apricots, plums, cherries, &c., are plentiful, as are most necessaries of life; a good deal of silk, also, is produced on the banks of the Oxus. Since the conquest of Buduhskan, that fine prov. has been in a great measure depopulated, its inhab. being carried off oc cultivate the lands of Koondoos, where they die rapidly, from the effects of the climate. The surrounding provs. have mostly both a rich soil and a good climate. The inhabs. of Koondoos are mostly Tadjiks. (See BOREARA, I. 397.) The khan or sucery is, however, and utbek, Koondoos appearing to be the most southerly region into which the Uzbeks ever penetrated, and afterwards succeeded in establishing their dominion. The army, comprising about 20,000 cavalry, with six pieces of artillery, consists chiefly of Uzbeks; but most of the civil employments under the state remain in the hands of the native pop. By adopting this line of policy, and governing his subjects in general with lustice, and (for an Eastern despot) considerable mildness, the present sover trade between Koondoos and the Chinese prov. of Yar-kund, and sometimes an exchange of presents. Tea is an important article of consumption. European and other foreign luxurise are derived from Bokhara, in ex-change for slaves and eattle sent to its markets. At pre-sent, of all the Usbek states, Koondoos is the most ad-verse to British influence.

KONDOOS, the nominal cap, is in a wide valley, near the confluence of two rivers, about lat. 36° 50° N., and long, 60° 10′ E. It has formerly been a large town, but its pop, does not now exceed j.800. It has a mud fort, surrounded by a ditch, and the winter residence of the chief. The largest town in the khan's dom. is Khooloom (which see.) (Burnes' Traw., ii. 179—198.; vol. iii. 175. 176. 275—281.; Ritter, Erdhunde, son Asicn, v. 810—815.)

KOROTCHA, or KAROTCHA, a town of Russia in KÖROTCHA, or KAROTCHA, a town of Russia in Europe, gov. Koursk, cap. circ., on the river of the same name, and on the road from Voroneje to Kharkoff, 100 m. 3. W. the former city. Pop. nearly 10,000. It is well builk, and surrounded by numerous gardens; and has several churches, nearly all, however, constructed of timber, a circle high school, hospital, and a saltpetre manufactory; with an extensive trade in apples, for which its vicinity is famous. Korotcha was founded by Michael Fedorovitch in 1638, as a barrier against the incursions of the Crim-Tartars. (Schmitzler, Le Russie; Possert, Das Russiand.)

Michael Fedorovitch in 1698, as a barrier against the incursions of the Crim-Tartars. (Schwitzler, Le Russie; Possert, Dos Russiemel.)

KOSTENDIL, or GHIUSTENDIL (Justimieme secuseds), a town of European Turkey, prov. Roumelia, and cap. sandjak of its own name, 107 m. N. Salonica, and 192 m. W. N. W. Adrianople. Pop., according to Stein, 8,000. It stands on the N. declivity of the Karasu mountains, at a short distance from the right bank of the Strouma (the an. Strymon), and is defended by a crenelated wall flanked with square towers. A baraar, governor's palace, and several sulphur baths, are the only public establishments. Employment is given to a portion of the pop. by the sliver and iron mines of the neighbouring mountains.

KOSTENDIA, agov. of Russia in Europe, between 56° 45' and 59° 12' N. lat. and 40° 27' and 48° E. long., having N. the gov. of Vologda, W. Jaroslavl, S. Wiladamir and Nijegorod, and E. Viatka. Area, 30,400 sq. m. Pop., in 1846, 1,034,600. Surface flat, with some undulations. It is indifferently fertile, being marshy in the N., while in the S. it is sandy and clayey. Climate severe, but healthy. It is watered by the Wolga, and by its important tributaries the Ounja and Vetlouga. Principal corn crop rye; but the quantity grown is insufficient for the consumption. Flax and hemp are largely produced. Cattle few, and but little attended to. This, however, is not the case with the foresta, which are extensive, valuable, and better taken care of than those of most other governments. The rivers and lakes furnish abundance of fish. The inhabs, particularly excel in the preparation of Russia leather, and there are various fabrics of cloth and linen. Many of the peasants are massons, carpenters, &c., who seek for employment in the summer season in the contiguous governments; and many are employed at home, in the making of charcoal, pitch and tar, mate,

of Russia leather, and there are various fabrics of cloth and linen. Many of the peasants are masons, carpenters, &c., who seek for employment in the summer season in the contiguous governments; and many are employed at home, in the making of charcoal, pitch and tar, mats, of which there is an immense consumption, boats, rafts, &c. (Schistler, La Russic, &c., p. 121., &c.)

KOSTROMA, the cap. of the above gov., on the Wolga, at the condiuence of the Kostroma with that river. Pop. nearly 14,000. Situation elevated and agreeable; house mostly of stone; the rampart of earth by which it was formerly surrounded has been converted into a promenade. It has a handsome cathedral, two large convents, a great number of churches, and a large stone building, or basaar, for the security, exhibition, and sale of merchandise. There are several tanneries, with manufactures of linen, Prussian blue, soap, and tallow, a bell-foundry. Various fairs, and a considerable commerce.

KOTAH, a town of Hindostan, prov. Rajpootans, the cap. of a subsidiary state of the same name, with an area of about 4,400 sq. m. (Sutherland.) The town, on the Chumbul, 195 m. 8.W. Agra, is large and populous, with some good and well stocked basaars, and a great number of temples and substantial private houses. The entrances to Kotah are through double gateways, and its walls are surrounded by a fosse hewn in the solid rock. Its chief public edifice is the palace of the rajah, rendered conspicuous by its lofty white turrets, and enclosed by a separate line of works. Kotah has manufactures of cloth and other articles of native consumption. Its territory is among the most flourishing of India, and about 30 years ago its gross revenue was estimated at 47 lacks of rupees, and its armed force at 26,000 men. (Hamilton's E. I. Gaz.; Parl. Reports.)

KOTOCH, a rajahahip of N.W. Hindostan, subject to the maharajah of the Punjah; about lat. 23° N., and between long. 76° and 77° E., having W. and S. the territory of the Punjah, and N. and E. the rajahships Chamba, Ku

quantities to W. Asia; agents from very remote places attended at Hoshyarpur, made advances to the weavers, and took the cloth in the rough from the loom, bleaching, washing, and packing it each in his own fashion to suit the market of his country. We have not learned whether any change has been effected in the interval in this trade. Superior wheat and rice are raised. Firs of large size grow in some tracts along the Beas; and in one part is an extensive bamboo forest. Rhubarb and the multerrattee are shundard; and iron is found but the ore as an execusive unmod forest. Rhubard and the mul-berry-tree are abundant; and fron is found, but the ore is not wrought. Shujanpoor, about lat. 31° 49', and long. 75° 38' E., is the cap. (Moorcraft's Tresets, i. 139—142.)

long. 769 32 K., is the cap. (Moorcraft's Travets, 1. 189—142.)
KOURSK, a government in the S. part of European Russia, having that of Orloff on the N., Voronets on the E., Kharkoff on the S., and Tchernigoff on the W. Area 17,382 sq. m. The accounts of the pop. differ very widely; but Schnitzler and Koppen agree in estimating it at about 1,600,000. Surface flat, or slightly undulating; soil very fertile; forests not very extensive, and in some parts there is a scarcity of wood. There are no navigable rivers, the want of which is one of the greatest drawbacks on the government. The climate is mild and healthy. Notwithstanding the backward state of agriculture, Hassel says that wheat and 179 yield 9 for 1; but this is most probably exaggerated. Corn is kept in silos, or caves, sometimes for 6 or 10 years together, and there is always a large surplus for exportation. Hemp and flax, tobacco, hops, &c., are also produced. The pastures, which are excellent, afford ample provision for large herds of oxen, with horses, sheep, &c. There are in this government above 300,000 free peasants. Manufactures considerable and improving, consisting of coarse cloth for the army and the peasantry, leather, soap, saitsectures considerable and improving, consisting of coarse cloth for the army and the peasantry, leather, sop, sait-petre, spirits, earthenware, &c. Public instruction has made no considerable progress. There were, in 1831, in the government, 35 educational establishments, attended by 4,095 pupils, being only 1 pupil for every 390 individuals?

made no considerable progress. There were, in 1831, in the government, 35 educational establishments, attended by 4,095 pupils, being only I pupil for every 390 individuals?

Koursk, a town of European Russia, cap. of the above gov., lat. 510 437 417 N., long, 260 397 157 E. Pop. (in 1846) 37,000. It had a citadel and ramparts; but the former is in ruins, and the latter have been converted into public walks. Situation elevated; houses principally of wood, but many of stone; streets narrow, crooked, and ill pawed. There are two convents, numerous churches, with a gymnasium, a normal school, an hospital, a foundling hospital, &c. It is a thriving, industrious town, having numerous tanneries, tile and earthenware works, wax and tallow foundries, &c. It carries on an extensive commerce with Petersburg, Moscow, and Odessa, sending to them cattle and horses, tallow, leather, wax shd honey, bemp and furs.

Korennals Poustyn, a convent in the vicinity of Koursk, is celebrated for a miraculous image of the Virgin, and for a great fair held annually on the 9th Friday after Easter, resorted to equally by merchants and pilgrims. The value of the horses, cattle, and other articles exposed to sale at this fair, in 1829, amounted, according to the official accounts, to about 30,000,000 roubles. But if this be not exaggerated, it is, at all events, greatly above the average. (Schaitzler, La Russie, &c., p. 369.; Matle Brum, &c.)

KRASNOJARSK, or KRASNOYERSK, a town of Asiatic Russia, gov. Yeniseisk, of which it is the cap., in a plain of greet beauty and fertility, on the Yenisei, and on the high road between Tobolak and Irkutak, 290 m. R. by S. Tomak, lat. 560 I' N., long, 390 57 10" B. Pop. about 7,000. Though small, this is a town of some importance, being the emporium of a wide extent of country. It is pretty well built; its two principal streets are broad, and its houses, which are mostly faced with planks, are painted in bright colours. Its chief public buildings are, several churches; and distery productive in the whole

REMNITZ (Hung. Kormöcz-Banya), a royal town of Hungary, co. Bacs, and one of the principal mining and coining towns of the kingdom; in a deep valley 10 m.

W. Neusohl, and 88 m. B. N. E. Presburg. Pop. about 5,000. The walled town comprises a castle, and about 40 houses, one of which is the mint, ranged round an open space in which the market is held. In the suburus

open space in which the market is held. In the suburus are nearly 600 dwelling houses, and many mining offices; and about ½ m. distant are the smelting furnaces. Kremnts is ill paved, dirty, and disagreeable. It has 5 churches; one with a lofty glit and coppered steeple and very gaudy internal ornaments, 3 chapels, a Protestant meeting-house, 2 hospitals, a royal infirmary for miners, a gymnasium, normal and glie's schools, a Lutheran grammar school, &c.; and it is the seat of wanted and of the steep of the standard and municipal and mining tribunals, and of a mint, and councils of mines and forests.

councils of mines and forests.

The Kremnitz mines have 11 or 12 principal shafts, attached to which are 18 or 20 washing works (pocksterken). The best mines belong to private companies; but the richest veins of Kremnitz are now for the most part exhausted, and a considerable portion of the former workings is under water. The mines at present yield about 15,000 marcs of silver, and 250 do. of gold a year. These metals, however, are rarely found pure, but much intermixed with copper, lead, arsenic, &c. Quarts is the matrix of the ore, which is first reduced by the hammer, to small pieces about the size of the stones used for Macadamising roads: the ore is next exposed to the stamping-mill, by which it is pulverised; it is then washed over slanting frames; sometimes roasted, to drive off the sluphur, arsenic, &c.; and is finally smelted. "The object of this process, which lasts four and twenty hours, is to separate the which lasts four and twenty hours, is to separate the noble from the ignoble metals, which is effected by the oxydation of the latter. At the moment the oxydation is complete, a bright bluish-white metallic lustre spreads itself over the whole surface of the liquid metal. The

noble from the ignoble metals, which is effected by the oxydation of the latter. At the moment the oxydation is complete, a bright bluish-white metallic lustre spreads taself over the whole surface of the liquid metal. The impure metals are then allowed to run off, a stream of warm water is passed over the gold and silver to cool them; the solid mass is taken out, cut up into bars, weighed, and sent off to the mint, where the gold and silver are separated, and cofned. The smeding-houses of Kremnitx are the best in Hungary: Instead of the common bellows, they have the double-cyllider bellows worked by water, which maintains a constant blast; and the loss of lead, instead of being 20 lbs. to the marc, is reduced to 12." (Paget's Husagary, i. 395, 397.)

All the gold and silver produced in Hungary, whether by private individuals or by the government, should be coined at Kremnitz. Delius stated, in 1773, that between 1740 and that year nearly 100,000,000 guldens of gold and silver had been obtained from the mines of Schemnits and Kremnitz, and coined at the latter town; and that 3,000,000 guldens a year still came from Schemnits, Kremnitz, and Transylvania. (See Bright's Travels in Lower Husagary, pp. 177, 178.) "The amount of gold and silver coined at Kremnitz is now about 250,000. a year (2,800,000 for. c. m.); but it is probable that this is considerably less than the amount produced, as it is known that a good deal finds its way to Vienna in bars. The silver is mostly coined into pieces of 20 kreutsers (xuesszigers), and the gold into ducats and half ducats." (Paget, i. 394, 396.) Kremnitz has also a royal vitriol factory, 2 paper-mills, and manufactures of carthenware and vermilion. It is abundantly supplied with excellent water by a water-course carried by a former archibiahop of Gran, at his own expense, from the Thurocs to Kremnitz, a distance of 50 m. (Paget's Husagary, i. 290–287; Bright's Travels, 167–163.; Octier, Nat. Energe, Berghoon, Gran, at his own expense, from the Spart of the peninsula being ent

KULDSHA, GULDSCHA, or ILI, a city of Chinese Turkestan, cap. prov. lli or Elè, in lat. 42° 46° N., long. 83° 48' 15", about 490 m. N.E. Yarkund. It is said to be

KULU.

13 Chinese H (about 5 m.) in circuit, surrounded by mud valls and wet ditches, and entered by six gates. The town, according to Helmersen, is much better built than either Kotan or Bokhara: the houses are either of stone or wood, seldom of earth, and the streets are traversed by running streams. The inhab. are mostly Chinese; there are, however, about 1,500 Toorkee families, who profess Mohammedanism, but whose dress, customs, &c. resemble those of the rest of the pop. The inhab. As and roots, the produce of that country; and borax, Kulasha are very industrious, and devoted to commerce. Almost every house has a shop, frequently filled and routsins into Thibet, where they are exchanged for hawka, musk, coarse camiles, wax, incense, and other drugs and roots, the produce of that country; and borax, for hawka, musk, coarse and roots, the produce of that country; and borax, for hawka, musk, coarse and roots, the produce of that country; and borax for hawka, musk, coarse and roots, the produce of that country; and borax for hawka, musk, coarse and roots, the produce of that country; and borax for hawka, musk, coarse candid, Kaujeoor, Chilkia, and haver going and roots, the produce of that country; and borax for hawka, musk, coarse candid, Kaujeoor, Chilkia, and haver going and roots, the produce of that country; and borax for hawka, musk, coarse shawls, musk, coarse shawls, orens, and they frequently travel to execute mercantile owner; and they frequently filled owner; and they frequently filled owner; and they frequently travel to execute mercantile owner; and they fre

by running streams. The inhab. are mostly Chinese; there are, however, about 1,500 Torkee families, who profess Mohammedanism, but whose dress, customs, &c. resemble those of the vest of the pop. The inhab. of Kulaksha are very industrious, and devoted to commerce. Almost every house has a shop, frequently filled with expensive merchandise; besides which, the streets abound with moveable stalls, and hawkers going about to sell their wares, Kuldaha being the entrept of an extensive region, peopled by nomadic Kalmuck tribes. It is the residence of a Chinese governor. (Helmersen, Rüter, Asica, Erdhessel, 1, 402—404.)

KULU, a rajahship of N.W. Hindostan, tributary to the maharajah of the Punjah, about lat. 350 N., and long. 77° E., having E. the great range of the Himalays. N. Lahoul, W. Chamba and Kotoch, and S. Minadi. Length, N. to S., about 40 m. Area and pop, uncertain. Wheat, barley, and buck wheat, but only a little rice, are raised. No kitchen regutables are grown. Tobacco, though cultivated in most of the gardens, does not thrive very well, and a narcodic preparation from hemp is used as a substitute. The climate being much colder than in the adjacent rajahaships of Kotoch and Mundi, woollen instead of cotton fabrics are used for clothing. Kulu, or Sultampoor, the cap., about lat. 31° 57′ N., and long. 770 10° E., is of no great extent or pop. It stands at the confluence of the Beas and Serbari. The part next the river, be tuning as substitute. The part next the river, be tuning as substitutes and the substitute of the substitut

ac. Large periodical fairs are held at the above places, whence necessaries are procured, there being no village markets in Kumaon. The country is thinly peopled; the inhabs, are of two distinct races, the dominant being the Hindoo; and the supposed aborigines a race apparently of Tartar origin, many of whom, called doms, appear to have been reduced to a state of slavery by their Hindoo conquerors. The native government was despoted in an oppressive degree till the British took possession of the country in 1815; since which, the condition of Kumaon and its inhabs, has been progressively ameliorated. Total public revenue (1823-23), 186,126 rup., of which the land-tax furnished 176,664; public expenditure, 21,264 rup. Kumaon, like many other parts of N. Hindootan, contains numerous places of Hindoo plagrimage, and many Hindoo temples. Almora is the cap, which see. (Asiatic Researches, Xvi.; Hamilton's E. J. Ges.)

grimage, and many Hindoo temples. Almora is the cap, which see. (Asiakic Recearches, xvi.; Hamilton's E. I. Gaz.)

KUR (an. Cyrsu), a river of western Asia, in Georgia, having its rise within the Turkish dominions, not far from Kars, on a S. offset of the Caucasian range, dividing the tributaries of the Caspian from those of the Black Sea, in lat. 41° N., and long, 42° 20′ E. It assumes its name near the town of Akiskar, whence it flows about 90 m. E.N.E. to Gord. Its course thenceforward is S.E., by Tiffits, through the plain of Kara, and afterwards through a lower plain abounding with salt marshes, and in which are several mud volcanoes and petroleum springs. The latter of these plains is frequently overflowed by the river. The total length of the Kur, as measured along its windings, somewhat exceeds 520 m. its chief affluents are, 1. the Alasan, from the main Caucasian ridge, joining the main stream in lat. 40° 56′ N., and long. 46° 51′ E.; and, 2d, the Aras (an. Arares), which rises near Erseroum, curves northward round Mount Ararat, and thence rums S.E., and afterwards N.E., to its juncture with the Kur, at Djwat. The Kur at this point is 140 yards broad, and may be navigated by large boats to its mouth on the W. side of the Caspian Sea, a distance of about 100 m. Fishing villages are established on its lower banks, and great wealth is accumulated from the proceeds of these fisheries. A delta at the mouth projects considerably into the Caspian Sea, EURACHEE, or KARACHEE, the principal seaport of Sinde, N.W. Hindostan, on the E. side of an inlet of the Indian Ocean, 80 m. S.W. Hyderabad, and about 18 m. from the W. arm of the Indian: 1813 there were 3,250 houses within the walls, but the pop. did not reach 13,000. The town is irregularly laid out, and the streets are so narrow within the walls, but the pop. did not reach 13,000. The town is irregularly laid out, and the streets are so narrow within the walls, but the pop. did not reach 13,000. The town is irregularly lact out on the Malaster coast. Its

are chiefly of mud and sandstone, obtained in great abundance from the coast.

Kurachee has a considerable trade with Cutch, Bombay, and the principal ports on the Malabar coast. Its is commodious, perfectly safe in all winds, and, though not deep, is capable of sheltering vessels of 200 or 200 tons; so that it is of greater commercial importance than any of the ports on the Indus, which can only be reached from the sea by flat-bottomed boats. Nearly all the Malwa opium exported seaward is shipped at Kurachee. In 1837, about 60 fishing boats, of from 10 to 15 tons, belonged to this port; and most of the men engaged in the fishertes of Sinde are from Kurachee, and are superior in intelligence and appearance to the other in hab, of the coast. Kurachee was bombarded and taken in a few hours by a small British force, on the 2d of Peb., 1869. (Geog. Journal, v. 263.; Astatic Journal, 1839.)

1839.) State of the country of W. Asia, KURDISTAN, an extensive country of W. Asia, comprised chiefly within the basin of the Tigris, and belonging partly to Turkey and partly also to Persia; being bounded N. by Armenia, E. by Azerbijan and Irak-Adjimi, S. by Khuzistan and the pach. of Bagdad, and W. by Diarbekir and Algestira. Area roughly estimated at 620,000 sq. m. Pop. 800,000, Kurds only, not including other races. Its surface generally is very unequal; but the mountains are much lotter and more frequent in its N. part, the plains in the latter being also considerably more elevated than in S. Kurdistan; and hence there is a great difference of climate in the two sections into which the country is divided. The principal ranges are the Djebel-tagh and Nimrod; the culminating summit being the snow-covered Mount Bisutum, rising 7,500 ft.

above the surrounding plain, and about 12,000 ft. above the sea. The geological constitution of these mountains consist of serpentine hornblende, and other primary rocks, covered, except in the highest parts, by transition limestone, old red sandstone, and various suiferous formations with other rocks, ascending even, in some parts, to the London clay. (Ainsworth's Assyria, 4c., pp. 237—296.) The principal rivers are the Tigris, Diala, Great and Little Zab, Kerah, and Kabur. Extensive and rich pasture grounds support great numbers of sheep and goats, the rearing of which constitutes the chief employment of the pop., and their produce almost the whole wealth of the country. Hence, in the Kurd dialect (which is a patois, composed chiefly, though not entirely, of Arabic and Persian.) the word mâhl, which means wealth generally, applies in a primary and more particular sense to flocks of sheep. Jaubert says that 1,500,000 sheep and goats are annually supplied to Constantinople from Kurdistan. Each flock comprises from 1,500 to 2,000 animals, and the time required to take them to their destination is somewhat more than 17 months: we believe, however, that the number is not half so great as M Jaubert has represented. The consumption of London is under 1,500,000 sheep a year; and that of Constantinople, we wenture to say, is not a third part so great. As respects the produce of the soil, the N. part produces the grains and fruits of middle Rurope, while in the S. the plains and valleys produce, in addition, rice, cotton, to-bacco, with a great variety of fruits: excellent timber is found in the foresta, and nut-galls form a large article of export at Iskenderoon and Smyrna. Good cultivation, indeed, prevails in the vicinity of the towns, and more especially between Mosul and Bagdad, where the country, at the time of Kinneir's visit, seemed to be in a much more improved state than any other district he lad visited in this part of the world. (Perstan Rmpire, p. 295.) The agriculture of Kurdistan may elsewhere, however,

which owe amost every thing to hadre and very fittle to industry.

The Kurds, who inhabit this country, and give to it its distinctive appellation, are commonly considered as a mixed breed of Mongois and Uzbek Tartars; though this is doubtful. They are Mohammedans, of the sect of Omar: their dress much resembles that of the Turks, but it is likely with the butter of the their control of the trunks. this is doubtful. They are Mohammedans, of the sect of Omar: their dress much resembles that of the Turks, but it is lighter, and they do not wear the turbans or the long beard. A red bonnet is their usual head-dress, and the outer garment is a cloak of black goal-skin. They are excellent horsemen, and the exercise of the lance, with other military amusements, are points in which they particularly excel. Improvisation is commonly, and, on the whole, not unsuccessfully practised; and their music, though rude, proves that they have a tolerable acquaintance with the art. There are two castes of Kurds, characterised by very different habits. Those of Turkish Kurdistan have fixed habitations, are acquainted with the working of metals, wearing, and other arts, and live subject to their native princes, and governed by their own laws. The nomad Kurds are chiefly found in Persian Kurdistan and in the pachallis of Diarbekr and Mosul; often roaming over the desert in search of plunder to the neighbourhood even of Damascus and Aleppo. The love of theft and brigandage is a marked feature in the whole race, without exception; and this accounts for their usual carelessness and improvidence about property, for which there is no security. At the same time, all writers agree, that when visited by travellers they exceise the most generous hospitality, and often force handsome presents on their departing guests. (Jambert, p. 86.) The tents of the wandering tribes are low, hastly put together, constructed of coarse black cloth, and generally divided into two parts for the men and women. A defence of reed hurdles surrounds the enclosure in which the tents are piched, and the horses ready saddled are tied to stakes close to the encampment. Females meet the tents are pitched, and the horses ready saidled are tied to stakes close to the encampment. Females meet tied to stakes close to the encampment. Females meet with better treatment among them than in the rest of Asia; neither sex can marry without the permission of relatives, and the constancy of the contracting parties is commonly tried during a long engagement previously to marriage, which with them is considered a sacred and indissoluble tie. Hence the women are considered more as companions than slaves; they are treated with respect, and there is a freedom and openness in their character not to be found in other women of Turkey or Persia.

Turkish Kurdistan comprises the pachaliks of Mosul and Bagdad. Persian Kurdistan is divided into four districts, Ardelan, Kermanshah, and Kinghlavor; Kermanshah being the cap and the residence of a begierbeg. Neither the sultan, however, nor the king of Persia, has any substantial power, their utmost authority being limited to the exaction of tribute, the payment of which they cannot always enforce. (Kisszeir's Persia, p. 298—

312.; Jaubert, Voyage en Perse, p. 75-89.; Ritter,

312; Jaubert, Poyage en Perse, p. 75—89.; Ritter, Asien, ix. 605, 4c.)

KURILE ISLANDS, a chain of small islands connecting the peninsula of Kamtschatka with the large islands forming the empire of Japan: they are chiefly dependent on Russia, but the three farthest S. belong to Japan. They extend between lat. 43° 40° and 51° N., and long, 143° 50° and 159° 20° E., and occupy a length of more than 700 m. Pop. unknown, but very small. The surface is very irregular, some of the heights rising nearly 6,000 ft. above the ocean, while no there parts deep and narrow valleys are almost on a level with the sea. Volcanic cruptions and earth-quakes are of common occurrence; and the geological constituents of the islands, examined by Lutké and others, being wholly of igneous origin, indubitably show their connection with the great volcanic band passing S.S.W. from Kamtschatka to the island of Formosa, through more than 30 deg. of lat. The shores are abrupt and difficult of approach; the coast currents are very violent, especially on the E. or ocean side; and continual fogs hovering over the islands, render access extremely difficult. ing over the islands, render access extremely difficult.
The animals and plants differ little from those found in
Kamtschatka; and the minerals consist chiefly of iron,

ing over the islands, render access extremely difficult. The animals and plants differ little from those found in Kamtschatka; and the minerals consist chiefly of Iron, copper, and sulphur. The inhab, mostly engage in lumiting and fishing: the former supplying them not only with meat, but also with furs, which serve as money for the Russian Americans, Japanese, and Dutch; while the latter furnishes oil, whalebone, and spermaced. Agriculture is confined to the islands belonging to Japan. The inhab, of the N. islands resemble the Kamtschatdales in honesty, openness of character, hospitality, and shyness to strangers. Those islands were discovered between 1713 and 1720; but it must be acknowledged that they are very little known, even after the lapse of more than a century, and the labours of Broughton, Krusenstern, and other travellers. (Latk's Fougages, tome lii.; Dict. Grog.)

KURNOUL, a town of British india, presid. Madras, cap, of a subdivision of the Baisghaut ceded districts, which formerly composed an independent Patan principality, it stands on the Toombuddra, 30 m. N.E. Belary, defended on two sides by that river and its tributary the Hundry, and on the W. strongly fortified, three of its bastions being 50 ft. high, and covered to the parapets of the curtain by a steep glacts. S. lof the fort, is the petidak, or open town, of considerable extent and pop. Kurnoui was considered impregnable by the natives, and neither Hyder nor Tippoo ever attempted its capture; but it was taken by the British, in 1815, after a siege and bombardment of a single day. (Homition's E. I. Gaz.)

KUT Alali (an. Cotycesum), a town of Asiatic Turkey, cap, of the prov. Anatoli and of a Sanjiak, 180 m. E.N.E. Smyrna, and 134 m. W. by S. Angora; lat. 390 29 N. long. 390 116 15 W. by S. Angora; lat. 390 29 N. long. 390 116 15 W. by S. Angora; lat. 390 20 N. long. 390 116 15 W. by S. Angora; lat. 390 20 N. long. 390 116 15 W. by S. Angora; lat. Greek, and 4 Armenian churches, there are 30 Asmawsors or public baths, and 20 khans. The h

tecture is very similar to that of Constantinople; and good gardens attached to many of the private residences take off much of the sombre appearance common to Turkish towns. The surrounding country is well watered, and extremely productive; grain, cotton, nut-galla, and different fruits, are raised in large quantities for exportation; and goats and sheep are pastured for their hard and wool, which fetch high prices in the markets of Smyrna and Constantinople. (*Kismetr's Asia Missor, p. 286.; Olivier, Voyage, 8c., tom. vi. 409.)

KUTCH, or CUTCH, a small state of N.W. Hindostan, subsidiary to the British, between lat. 23° 45′ and 25° 45′ N., and long. 86° 35′ and 71° 0° E. h., waing N. and E. the Runn, separating it from Sinde Rajpootana and Gujrat, S. the Gulph of Kutch, and W. the ocean, and an arm of the indus, which divides it from Sinde. Its shape is elongated; greatest length, 2. to W., 160 m.; average breadth, 45 m. Area, nearly 7,400 sq. m. Pop. uncertain. It is in general aria and barren; but its scenery is bold, forming a great contrast to that of the adjacent provs. on the W. and N. A chain of rocky hills runs through it in its whole length, dividing it into two nearly equal parts. This chain is of no great height, but its peaks rise in wild and volcanic cones of primary formation. It unites at its W. end with another mountain chain, running nearly parallel to it on the N. side; and from both many ramifications are given off. The streams of the prov. are mere toerents, dry when the rains have ceased; there is no navigable river. The scarcity of water is, in fact, one of the greatest drawbachs on the country; and the streams

Sowing N. of the mountains are all so brackish that in the hot season they are not drunk even by the cattle. Good water is, however, usually found 30 ft. below ground. The surface is mostly sandy, the sand resting on strata of clay; but near the hills the country is covered with soldenic metters, which is India are of trace coor strain of clay; but near the hills the country is covered with volcanie matters, which in India are of rare occurrence. Coal and iron of good quality, bituminous and ligneous petrifactions, and fossil animals of a late geological period, are found; and there are some mineral springs yielding alum and other saits in large quantities. The country is generally bare of wood; date trees are pretry common, and the neem, peepul, and babool, are met with round the villages, but the temarized, banyan, and mangs, are rare, and the cocoa nut is reared with difficulty even on the sea coast. The arable land is chiefy in the narrow valleys between the mountain ranges towards the S. shore, which latter is the best watered portion of Kutch. Less corn is grown than is necessary for home consumption; and it is imported from Gejrat, Malabar, and Sinde, in return for cotton, &c. The Kutch horse is of a good breed; but other domestic animals, except goats, are generally very inferior.

from Gujrat, Malabar, and Sinde, in return for cotton, fee. The Kutch horse is of a good breed; but other domestic animals, except goats, are generally very inferior.

That singular tract, the Runn of Kutch, is thus described by Burnes:—"It extends from the indus to the W. condines of Gujrat, a distance of about 200 Eag. m. In breadth it is about 35 m.; but there are, besides, various behs and ramifications, which give it an extent of about 7,600 aq. m. It has no herbage, and vegetable life is only discernible in the shape of a stunted tunariak bush, which thrives by the suction of the rain water that falls near it. It differs as widely from the sandy desert as it does from the cultivated plain; neither does it resemble the steepes of Russia; but may justly be considered of a nature peculiar to itself. It has none of the characteristics of a marsh; it is not covered or enterated with water, but at certain periods; it has neither weeds nor grass in its bed, which, instead of being alismy, is hard, dry, and sandy, of such a consistency as never to become clayer, unless from a long continuance of water on an individual spot; nor is it otherwise fenny or swampy. It is a vast expanse of flat, hardened and, encrusted with salt sometimes an inch deep (the water having been evaporated by the sun), and at others, beautifully crystallised in large lumps. So much is the whole surrounding country imbued with this mineral, that all the wells dug on a level with the Runn has every appearance of having been an inland sea; and indeed the natives of Kutch have a tradition that it was such about 3 centuries ago, and that Nerona, Bitaro, and other places on its limits, were formerly sea ports. This is apparently confirmed by ship nails, and stones shaped like those still used as anchors; being frequently met with; and in one instance the hull of a vessel of some size was found imbedded in the soil. (See Burner; Macre, Burnes, Sundrawuttee, and other rivers which lose their waters in it.

The swirage is here continually presented

waters in it.

The swinger is here continually presented in wonderful perfection; and the wild ass, the only inbab. of this desoiste region, appears often to the traveller at a distance as large as an elephant.

Kutch has undergone many political vicistitudes which have been singularly connected with natural phenomena. In 1762, the ruler of Sinde, unable to conquer this prov., threw a band or dam across the Phurraun, the E. arm of the Indias, and converted the N.W. portion of Kutch from a frustful rice district into a sandy waste. In 1819, a violent earthouske shook every fortress throughout Kutch; a fruktful rice district into a sandy waste. In 1819, a violent carthquake shook every fortress throughout Kutch; entertored Bhooj and Anjar; submerged Sindree; and upheaved the Ullah bused (mound of God) across the former course of the Phunnaur, a tract of soft clay and shells, 50 m. long, perhaps 16 broad, and many feet in height. In 1836, the Indus burst through the Ullah bused, and, after an interval of 65 years, resumed its former channel, with a depth at Sindree of 8 fathoms; a circumstance which may perhaps restore to Kutch a portlon of its former commercial importance. (See Burnes; Leafl's Grology, &c.)

of its former commercial importance. (See Burnes; Lycil's Geology, &c.)
The chief towns of this prov. are Bhooj, the cap., Mandavee, the principal port, Luckput, Moondra, Anjar, and Kotzra. The exports are chiefly cotton, glue, and oil, which are transported in coasting vessels of from 25 to 250 tons. The natives excel in naval architecture, and are noted for their skill and daring as seamen and pilots. "Among the timid navigators of the East," says Burnes the mariner of Kutch is truly adventurous; he voyages to Arabia, the Red Sea, and Zanguebar, bravely stretching out on the ocean after quitting his native shore. For a trifling reward he will put to sea in the rainy season,

LABRADOR.

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snd his adventurous spirit is encouraged by the Hindoo merchants of Mandavee, an enterprising and speculating body of men." (1. 6, 7.) The government is analogous to that which prevailed in many countries of Europe, in the middle ages. The rao is the head of a kind of feudal aristorracy, each member of which is absolute within his own domains. The rao can summon them all to his standard, with their followers, but he must pay them; the number of chieftains is about 300, their annual revenue of Kutch does not exceed 16 lacks of rupees a year, of which rather more than a half belongs to the rao, and the rest to members of his family. The Jharshake, to which sact the rao and his chieftains belong, are of Sindian origin, and are a degraded, ignorant, and sensual race, who pass their lives is indolence and drunkenness. They uniformly marry Raippoot women; and their pride is so great, that, lest their daughters should disgrace them by marrying into inferior ranks, they are said sometimes to destroy them in infancy. The aboultion of female infanticide has formed the subject of an express stipulation between the British government and the rao; but there is reason to believe that it still pravails. The religion of the pop, is a mixture of the Hindoo and Mohammedan, and it is difficult to say which predominates. Our first subsidiary connection with Kutch took place in 1819. The rao furnishes I battalion of infantry to our subsidiary force. The British resident Kutch took place in 1819. The rao furnishes I battalion of infantry to our subsidiary force. The British resident is stationa's & I. Gan.; Asiat. Journ.)

KUTTENBERG (Bob. Kutnakhere), a town of Bohemia, and, after Prague, Reichenberg, and Eger, the fauter of the veins of silver in the mines near it. The heads of the control of the principal dependence of the finhab. The town has several public edifices, the principal being the church of St. Barbara, a fine Cothic building. It has also a high school, a military school, an Ursulae convent, an hospital

chens were struck nere in 1800. (herganine, venil. Nat. Engyc., &c.)

KUZISTAN (an. Susiems), a prov. of Persia, sit. between lat. 30° and 33° N., and long. 47° and 51° 30° E., being bounded N.W. by the pachalik of Bagdad, N. by Louristan, E. by Farsistan, and S. by the Persian Gulph. Length shout 240 m., bycadth 130 m.: supposed area, 9,600 sq. m. The country is divided, according to Kinneir, between the territories of the Chab-Shelkh, and these farming the government of Shuster. The Chab Guiph. Length about 340 m., breadth 130 m.: supposed area, 9,600 sq. m. The country is divided, according to Kinneir, between the territories of the Chab-Sheikh, and those forming the government of Shuster. The Chab territories extend from the Chab to the confluence of the Karoon (an. Chosepes?) and Absai, and from the shore of the Caspian sea to the range of hills skirting the valley of Rama-Hormus; this part of the country consists principally of sandy plains and morasses, wholly destitute of vegetation. Eastward, also, intersected by the river Tab, on the banks of which are a few cultivated spots, is a desert about 30 fursuags long, and varying in breadth from 10 to 16 fursuags. The most fertile spots in this part of Kusiatan are near Dorak, the capital of the Chab territories, and in the delta of the Euphrates: in the latter, dates and rice are produced in great abundance on well-irrigated lands, the rice harvest taking place in August and September. The grain-harvest is in April and May; but the produce is insufficient for the consumption of the district. The N. and W. parts of the country afford tolerable pasturage; and here the wandering tribes, comprising the greater part of the pop., pitch their tents. The chief towns of the Chab territory are Dorak (the capital, with a population of 8,000, and a manufacture of Arabian cloaks, largely exported), Ahwas, Endian and Mashoor. The territories attached to the government of Shuster comprise the fairest part of Kusitan: four noble rivers, with their tributaries, irrigate the plain in every direction. Its riches in Strabo's time consisted of cotton, rice, sugar, and grain, yielding a hundred-fold; but it is at present, owing to the rapacity of the government, little better than a forsaken waste, the only signs of cultivation being near Bundekeel and Haweesa. Indeed nothing can be more lamentable, than the misrule, robbery, and utter absence of industry, which characterise this part of Forsia. (See Situster, and Kisneir's Persia, pp. 85—97.)

LABRADOR, an immense peninsula of British N. America, opposite the island of Newfoundland, from which it is separated by the strait of Belleisle, extending between the 50th and 64th parallels of N. lat.,

and hetween long. 56° and 78° W.; being bounded S. by Canada and the Gulph of St. Lawrence, E. by the Atsud between long. 86° and 78° W.; belng bounded S. by Canada and the Gulph of St. Lawrence, E. by the Atlantic Ocean, N. by Hudson's Bary. Fixed pop. estimated at only 4,000. It is generally described as one of the most dreary and naked regions of the globe, exhibiting scarcely any thing except rocks destitute of vegetation. But, though this be its appearance when seen from off the coast, on penetrating a little into its interior, the surface is found to be thickly clothed with pines, birches and poplars; and with a profusion of delicate berries. It is every where most copiously irrigated by brooks, streams, ponds, and lakes. A chain of high mountains appears inland; but their height is not correctly known. Mount Thoresby, near the coast, is 2,730 ft. high. The well-known Labrador felapar is found chiefly in the vicinity of Nain. The prevailing rock is guesia, overlaid by a bed of sandstone, alternately red and white, and strongly marked with iron near the surface: above this again are varieties of secondary limestone, arranged in parallel stratz, and full of shelis. A few miles from the shore, the secondary formations disappear, leaving gneiss and mica-slate on the surface. (Grog. Journ. vol. iv. p. 508.) The climate is extremely severe, the thermometer occasionally falling below zero of Fahr.; the summers are of short duration, with an average day temperature of 86°. The prevailing winds. on the E. coast, are from W.S.W. to N. W.; there is less fog than on the neighbouring island of Newfoundland, and the straits of Belleisle are never frozen over. Corn will not ripen; but potatoes, cabages, aplnach, and turnips answer pretty well. The wealth of the country, however, consists chiefly in the abundance of fish on its coasts. Whales, cod, salmon, and herring, are extremely plentiful. The Labrador sherry is nearly confined to the S.E. tract, opposite Newfoundland. which have been supported to England, Lisbon, and the Medierrahean, by English and Jerscy houses uncounceted with Newfoundland. Twindland the state of N

Moravians formed their first settlement in 1752. Their habits, and quiet unobtrusive life, render them comparatively unknown. They trade with the Esquimaux, bartering coarse cloths, powder, abot, guns, and edge-tools, for furs, oils, &c. Their influence is alleged to have been very beneficial to the natives, not only in changing their religious boilef, but in improving both their moral and physical condition. Murder, and acts of violence, are much less frequent than formerly; and mutual enmittes have been removed.

Their boats, houses, and fishing implements are better constructed, and many of them have begun to exercise foresight and economy. The Moravian settlements are at Nain, Okkak, Hopedale, and Hebron, all on the B.

The coast of Labrador was first discovered by Sebastian Cabot, in 1496; but it was not visited till 1501, when Corte Real called it *Terra Labrador* (cultivable land),

Corte Real called it Terra Labrador (cultivable land), to distinguish it from Greenland, which he named Terra verde. The name is now applied not only to the E. coast, but to the whole peninsula, including that part on Hudson's Bay called the E. Main.

LABUAN. See Supplement.

LACCADIVE ISLANDS, (Laksha-Dwipa, "a lase of isles,") a group in the Indian Ocean, lying chiefly between lat. 10° and 12° N., and long. 72° and 74° E., about 75 m. from the Malabar coast. There are 19 principal isles, but the largest is not more than 6 sq. m. in extent. Most of them are surrounded by rocks and coral reefs: the water near them, however, is deen, and there extent. Most of them are surrounded by rocks and coral reefs: the water near them, however, is deep, and they are separated by several wide channels, frequented by ships passing from India to Persia and Arabla. They are inhabited by a race of Mohammedans called Moplays. They do not yield grain, but produce an infinite quantity of cooca-nuts, from the husks of which the inhab. form

are separated by several wide channels, frequented by ships passing from India to Persia and Arabia. They are inhabited by a race of Mohammedans called Moplays. They do not yield grain, but produce an infinite quantity of cocoa-nuts, from the husks of which the inhab. form our calles, which are more elastic and durable than hemp, as the sea water, instead of rotting, preserves them. These islands are well supplied with fish, and export the small shells called cowries, which pass as coin all over India. Jagery, a little betel nut, plantains, a few eggs and poultry, and coral for conversion into lime, are their remaining exports; but they are of little importance, and the inhab. are wretchedly poor. Vasco de Gama discovered these islands in 1499: they were dependent on Cananore till ceded by Tippoo, in 1792; and came into our possession with the rest of that sovereign's dominions. (Hamilton's E. J. Gaz.)

LADAKH, an independent country of W. Thibet, between the 32d and 36th degs, of N. lak., and the 76th and 79th degs. of E. long.; bounded on the N. and N.E. by the Karakorum mountains, which divide it from the Chinese provinces of Yarkund and Khoten, E. by Chanhan, Rodokh, and Gardokh; S. and S.E. by the Himalaya, separating it from Cashmere, and the territories of Bissahar, Kulu, and Chambu; and W. by Baltes, or Little Thibet. Length, N. to S., rather more than 200 m.; average breadth, 150 m. Area, according to Moorcroft, about 30,000 sq. m., who also estimates the popat from 150,000 to 160,000, chiefty of the Thibetan race. The country is divided into 4 districts; Ladakh Proper in the centre, Nobra to the N., Zanskar S. W., and Piti S.E. It is an inhospitable land, its surface being, for the most part, a succession of lateral mountain ranges belonging to the Himalaya, the lowest range rising nearly to the limit of perpetual snow. Lé, the cap., is more than 11,000 ft. above the level of the sea, and some parts of the prov. Nobra are 2,000 ft. higher. The passes that led into Ladakh from the S., are above 16,000

LADAKH.

harvests of Ladakh are by no means niggard; and year after year equally abundant crops are raised from the same land, without its ever being suffered to lie failow, and without any attempt at an alternation of produce. The mountain sides are formed into a succession of terraces, supported by stone breast-works, down which stone channels conduct a plentiful supply of water, and the detrivise from the rock. The stone dykes are not coals disposed to form terraces near the towns and vilthe detrius from the rock. The stone dykes are not only disposed to form terraces near the towns and vil-lages, but in spots remote from human habitations, where they are constructed by the peasantry, and suf-fered to remain undisturbed for many years, perhaps for some generations, till a quantity of earth is collected. The field thus gained from the mountain has next to be supplied with manure. As wood is very scarce, the fewer of cattle are mostly used as fuel. But Moorcroft says, that the floors of the houses are strewed with a coat-

The field thus gained from the mountain has next to be supplied with manure. As wood is very scarce, the faces of exitle are mostly used as fuel. But Moorcroft says, that the floors of the houses are strewed with a coating of gravel, three or four inches thick, which is removed from time to time, and this, with the sakes of the burnt fuel, forms almost the only manure that sustains the nutritive properties of the soil. Wheat, harley, and buckwheat, are the chief grains cultivated. The wheat is of three, the barley of two varieties: one of the latter, the sheroth, or naked barley, is a superior kind, especially for mairing, but it degenerates in a lower level, as in the adjacent plains of Hindostan. Wheat and barley are usually sown in May, and respect in 90,000 ft. above the sea, barley is said by Moorcroft to be ready for the sickle in two months from the time of sowing. The piough is entirely of wood, generally willow, except the point, which is formed of a small piece of iron. The furrow is not more than four or five inches deep; but the earth is well broken, and the seed is afterwards carefully covered over. Ploughing is performed by a pair of zhos (a hybrid male between the yaik, hos grasswicas, and common cow), or zebus, driven without reins, but, with the utmost precision, by the voice, or by a wand. The ground is ploughed twice; the grain is sown broad cast in the furrow, or planted by the dibble. Corn is frequently reaped while green, and laid on the ground in flat bundles to ripen more completely. In very dry soils the grain is pulied up by the roots, the straw being valuable for fodder; in moist soils, it is cut close to the ground by a curved, short-bladed sickle, which is perhape quite as well salapted for the purpose as that of Europe. There is no great variety of kitchen vegetables; but onlons, earrots, turnips, and cabbages, are raised in some places, and carrawy, mustard, and tobacco, are grown in a few gardens. Plenty of apricots and apples are raised everywhere; but few other kinds of fodder,

the Buropean market.

The yalk-mule or zho is principally used for the transport of burdens; horses are few and small, though mostly larger than those of India, are much smaller than the sheep of Chan-than. One species, the Purik sheep, is very diminutive; but it gives 2 lambs in 12 months, about 3 lbs. of wool a year, at two shearings, and its mutton is excellent. Being domesticated like the dog, it is maintained at a very small cost. The shawi-wool is maintained at a very small cost. The shawi-wool is maintained at a very small cost. The shawi-wool is maintained at a very small cost. The shawi-wool is maintained at a very small cost. The shawi-wool is maintained at a very small cost. mutton is excellent. Being domesticated like the dog, it is maintained at a very small cost. The shawl-wool goat is the common breed in this and the neighbouring countries; the fleece is finer in Ladakh than elsewhere. The latter is cut once a year; the wool, picked out, is sent to Cashmere, and the hair made into ropes, coarse sacking, and blankets, for home consumption. The wild animals are not numerous: the lbex, wild sheep, ovis amounts, and a kind of wild horse, are the principal. The leopard, jaguar, ounce, bear, and lynx, are rare. Flah are very plentiful, but the prevailing religion prevents their being used as food.

Sulphur is found in some places, and soda in great plenty on the Indus, and in the N., lead, iron, and cop-

per are said to exist; and gold in the sands of the Shayuk, but the government, from politic or supersti-tious modives, has prohibited the search for this metal. The native trade of Ladakh is of no great amount; but its transit trade is important from the country being

Shayuk, but the government, hom politic or supersitious motives, has prohibited the search for this motal. The native trade of Ladakh is of no great amount; but its transit trade is important from the country being the great thoroughfare for the commercial intercourse between Thibet, Turkestan, China, and even Russia, on one hand, and Cashmere, the Punjab, and the plains of Hindostan, on the other. Ladakh is the entrepôt for the goats' wool, of which the Cashmere shawis are made, and which is partly supplied from this country, but chiefly from Rodokh and Chan-than. About 800 camel loads are annually exported to Cashmere, to which country, by ancient custom and engagements, the export is exclusively confined, all attempts to convey it cleawhere being punished by confincation. In like manner, it is considered illegal in Rodokh and Chan-than to allow a trade in shawl-wool except through Ladakh; and in the latter, impediments are opposed to any import from Yarkund, though the wool of that province be of superior quality and cheaper. The secce of the wild goat is exported in smaller quantities to Cashmere, and wrought into shawls, soft cloth, and linings for shawl-wool stockings; this material is softer and warmer than the ordinary shawl wool, but is much less used for shawls. Sheeps' wool is wrought into cloths exported to Kotoch, Kulu, &c.; and many Chan-than sheep are exported to the mountain-states, where they are extensively used as beasts of burden, carrying from 26 lbs. to 30 lbs. weight. Tea comes from China through Lasas and Yarkund, and is exported in considerable quantities to Cashmere and the Punjab; inferior kinds of the same shrub are imported annually into Lé, where it sells at 16 Mohammed Shahi rupees a maund. Borax and salt from Thibet; silks, silver ingots, and various manufactured articles from China; felts, cambets, dried sheeps alms, seel, boots, Russia leather, brocades, velvets, and broad cloths, horses, and drugs from Yarkund; cooking vessels, water-pots, and about 300 maunds of dried apricot

The revenue of the state is roughly estimated at about 5 lacs of rupees a year.
In spiritual affairs Ladakh is subordinate to the authority of the supreme pontiff of the Buddhists, the grand lama of Thibet, who appoints the chief lamas of this country. The lamas are very numerous, every family in which there is more than one son furnishing one, who is a family priest, attached to a monastic institution or college, though living ordinarily among the people, and conducting the rites of their daily worship. All profess poverty and ceilibacy, though a man who has been married is admissible into their order. The lamas do not confine themselves to strictly religious duties, but cultivate the land, rear sheep and goats, and take an active share

fine themselves to strictly religious duties, but cultivate the land, rear sheep and goats, and take an active share in the fiscal and political administration. There are many conventual establishments for females.

Mohammedanism has of late made great progress in the 8. and W., but the mass of the pop. are still Buddhists. Their entiglous belief and practice seems to be a strange mixture of metaphysics, mysticism, morality, fortune-telling, juggling, and idolatry. The doctrine of the metaphysics is curiously blended with tenets and precepts very similar to those of Christianity, and with the worship of grotesque divinities. The lamas recognise a sort of trinity, or a triad consisting of a paramount deity, a prophet, and a book; and the people are exhorted to truth, chastity, resignation, mutual fortearance, and good-will. The religious service performed daily at the temples attached to monasteries consists chiefly of prayera K. 3

and chanting, in which the mystic sentence, "Oom mane pace me com," is frequently repeated, and the whole is accompanied with the music of wind instruments, chiefly harmonising with tabrets and drums." (Moorcroft's Trav. i. 340, 341. 344.)

harmonising with tabrets and drums." (Moorcraft's Tvas. i. 240, 341. 344.)

The military force consists of a peasant militia, very sill equipped and inefficient; and there is little to prevent Ladakh falling permanently under the dominion of some one of its more powerful neighbours.

There is little wealth in the country, but what exists is equally diffused, and the great body of the people are in easy circumstances. They pay no money taxes to the state; but are bound, to suit and service, both domestic and military, and furnish contributions in kind for the support of the rajah and the governors of districts. The people are in general mild and timid, frank, honest, and moral, when not corrupted by communication with the dissolute Cashmerlans; but they are indolent, exceedingly dirty, and addicted to intoxication. Their food is nourishing, and consists chiefly of rice, meal porridge, bread, vegetables, tea, wheaten cakes, and once a day the flesh of sheep, goats, or yaks. The wealthy drink grape guice and water or sherbet, the poorer classes a kind of beer, called chang, made of fermented barley. All orders and both sexes dress chiefly in woollens; to which the men add mantles of flowered chints, and brocade or velvet. men add mantles of flowered chints, and brocade or velvet caps, and the women cloaks of cotton, China satin, or Benares brocade lined with sheep skin, the wool inwards, Dehares orocade inned with sneep skin, the wool inwards, and numerous ornaments. Both sexes wear leather boots, in which they take great pride. Some curious domestic customs prevail: among others, polyandry is common, the younger sons of a family being subordinate husbands to the wife of the elder brother; and when the latter dies, his property, authority, and widow, devolve upon the next heads.

History.—Ladakh originally formed one of the provs. of the kingdom of Thibet; but when the Chinese conquered that country, they did not extend their sway to Ladakh, which seems to have retained its own princes. About 170 years ago, the Kalmuck Tatars invaded Ladakh, and the rajah fled to the governor of Cashmere.

quered that country, they did not extend their sway to Ladakh, which seems to have retained its own princes. About 170 years ago, the Kalmuck Tatars invaded Ladakh, and the rajah fied to the governor of Cashmere, who, with the permission of Aurungsebe, reconquered the country for the rajah. From that time a small annual present was made to the emperor of Delbi through the governor of Cashmere. Runjeet Singh took possession of Ladakh, and exacted a tribute; but since his death, there is reason to believe that the country has recovered its former independence. A small annual tribute or present is, however, said to be sent to the authorities of Gardokh, on behalf of the government of Lassa. (Moorcroft's and Treveck's Travels, 1. 258—259.; Lloyd's and Gerard's Tour in the Himalaya i Trans. of the Asiat. Soc., i. 49—58.; Asiatic Journal, vol. xvill., &c.).

LADAKH, or Lz, the cap. of the above country. (See Lx.)LADAG (LAKE), a lake of Russia in Europe, surrounded by the governments of Petersburg, Clonets, and Wyborg in Finland, and extending from lat. 599 58' to 510 46', and from long. 29° 50' to 32° 55' E. Though the largest collection of fresh water in Europe, there is but little accessible information respecting it. Its length, N.W. to S.E., is about 125 m.; greatest breadth about 70 m. Area estimated at from 6,200 to 6,200 sq. m. Its depth is very unequal. It receives about 60 rivers, the chief of which are the Vuox, connecting it with the Saima Lake in Finland; the Srir, by which the surplus waters of the Lake Onega are poured into it; the Volkhov, by which it communicates with Lake Ilmen; and the Siass, like he latter, from the S. It discharges its surplus waters by the Neva into the Gulph of Finland. Its shores are generally low; on its N.W. and S. banks are situated Berdobal, Kronsborg, Keksholm, Schlusselburg, and New Ladoga. It has several islands, chiefly towards its N. extremity: and its so full of rocks and quicksands, and subject to storms, that, to avoid it, Peter the Great began, in 1718, the Lad

tween the loth and zist ueg. of Armany and a substitute and letch of E. long. There are about twenty of them; but five only are inhabited, and these lie near the S. extremity of the cluster. They are so close together, and are also so broken, as well as irregular in their firm and position, as to appear like fragments, dis-

jointed from each other, at remote periods, by some sudden convulsion of nature. Those fragments have now a very barren and unpromising aspect. In particular spots, indeed, there are scattered patches of verdure; but, in general, little better than naked rocks appear; and scarcely the state of the state neral, ittle better than haked rocks appear; and scarcely a tree or shrub is visible among them. The coast of the islands consists mostly of black or dark brown rocks, honeycombed in many parts by the action of the waves. Their geological constitution is almost wholly volcanic, honeycombed in many parts by the action of the waves. Their geological constitution is almost wholly volcanic, and some volcanoes have been in action in modern times. The climate is generally serne and temperate, the tropical heats being much diminished by the regular sea-breezes. During the months of July and Aug., however, the weather is intolerably hot; and at the season of the W. monsoons, between June and Oct., the most remendous hurricanes are experienced at the full and change of the moon. The surface of the interior is much broken, and rises into high bills and even mountains; but the soil in the valleys is of great fertility, and if properly cultivated would produce abundantly most of the intertropical plants. Anson visited the Ladrones in 1742, and describes Tinian as abounding with every thing necessary to human subsistence and comfort; and being withal of a most pleasant and delightful appearance, diversified by a happy intermixture of valleys and gently rising hills; the woods consisting of tall and well spread trees, with fine lawns interspersed. The same island being, however, visited by subsequent navigators, among others by Byron, was found to have become an uninhabitable wilderness, overgrown with impenetrable thickets. The reason of this change was, that the Spaniards, by whom these islands had been conquered, had, for what reason it seems difficult to conjecture, removed the inhab, from Tinian to another island, and after their departure it soon degenerated into a state of nature, and, when last visited, was nothing better than of nature, and, when last visited, was nothing better than ture, removed the mann from I man to another issairs, and after their departure it soon degenerated into a state of nature, and, when last visited, was nothing better than of nature, and, when last visited, was nothing better than a wild and savage wilderness. This statement, however, does not apply to the whole group: for Kotzebue informs us that cotton, indigo, rice, Indian corn, sugar, and the plantain, thrive in other islands, and produce abundant supplies for the pop. Cattle, horses, mules, and asses are numerous, and the lama has been introduced with success from Peru. Wild hogs also are found in great numbers, many of them of a large size, weighing 200 lbs., particularly on the island of Saypan. They are very flerce, and when hunted by dogs make a formidable resistance. The fish that are found on the coast are very working the produced permicious effects on the unwholesome, and produced permicious effects on the 200 lba., particularly on the Island of Saypan. They are very serce, and when hunted by dogs make a formidable resistance. The fish that are found on the coast are very unwholesome, and produced pernicious effects on the crews of the ships both of Anson and Byron. The tripang, or holothuria, is caught by the natives, and solid to the Chinese. The country is infested with musquitoes, and with endless varieties of loathsome insects. The natives are tall, robust, and active; the men wear scarcely any covering, and the women only a petticost of mat. Both sexes stain their teeth black, and many tattoo their bodies. Their huts are formed of wood from the palm tree, and divided by mats into several apartments devoted to distinct uses. They are good swimmers, and extremely clever in managing their canoes, in which, with a good wind, they will sail at the rate of 20 m. an hour. Their number, in the middle of the 17th century, is supposed to have amounted to 150,000; though this is probably far beyond the mark; but the race has been so much thinned by the cruelties practised on them by the Spanlards, that the present indian pop. scarcely exceeds 4,000. Guajan, the largest island, contained in 1816 only one indian family, its inhab. (5,390) consisting of settlers from Mexico and the Philippine Islands. The cap is San Ygnacia de Agana, which in 1816 had 3,120 inhab, and was the seat of the Spanlard governor. The number of Spanlards is very small.

The Ladrone Islands were originally discovered by Magellan, who called them Lat Islands de las Ladromes. Or The Listands of Thieses; because the Indians stole every thing made of iron within their reach. At the latter end of the 17th century they obtained the name of Spanlar, Mary Ann of Austria, mother of Charles II., at whose expense missionaries were sent thither to propagate the Christian faith.

LAGO-NEGRO, or LAGONERO, a town of the kingdom of Naples, prov. Basilicata, on the high road from Naples to Calabria, 19 m. N.E. Policastro. Popabout 5,000. (Rampoldii.) it is well b

row, and the houses generally small; but there are several handsome and regularly-built public edifices, among which are 2 parish churches, a military asylum, town hospital, and 3 convents, two of which are in the

schurts. The neighbourhood absunds in wins, figs, and ether fruits, with pulse of different kinds; but, as in the rest of Algarve, there is a great exactly of corn, which is imported from Alemtrjo and the perts of Spain. The fishery of tunnics, anchovies, &c., is very considerable, and the produce, after being salted, is sent by sen to other parts of the kingdom. (Millione.)
LAGUNA. Ser TERREIPTS.
LAHORE, an independent kingdom of Hindostan. (See PURLIAE.)

(See PUNJAR.)

(See PUNJAR.)
LABORR, a city of the Punjab, Hindostan, and in Runjeet Singh's time, the cap. of his dominions, on the Ravee (Hagdrenoter), 200 m. N.E. Delhi; Lat. 210 23 N., long, 740 26' R., ii'l Labore is surrounded by a brick wall about 20 ft. high, which extends for about 7 m., and is continuous with the fort. The latter, in which the rajah resides, is surrounded by a wall of no great strength, with loop-holes for musketry; a branch of the Ravee washes the foot of its N. face, but it has no most on either of the remaining sides. The palace within this suclosure is of many stories, and entirely faced with a kind of porcentin enzamel. on which processions and combats of men lain enamel, on which processions and combats of men and animals are depicted. Many of these are as perfect as when first placed in the wall. Several of the old build-

and animals are depicted. Many of these are as perfect as when first placed in the wall. Several of the old buildings are in rulms; others are entire, and throw into shade the meaner structures of more recent date. Runject Gingh cleared away some of the rubbish, and repaired or refetted some of the ruined buildings of Jehangire and Shah Jeban; but his alterations were not always made with good feeling or taste. The great square and buildings of the principal mosques were converted into a place of exercise for his Sipahi infantry, and he stripped the dome of the mausoleum of Aso Jah of its white marbles to apply them to the erection of some lasignificant apartments in the garden-court of the mosque. The discessess, or general hall of audience, is a long apartment supported by many pillars. The discess-shas, or private suddence-hall, is a suite of small chambers, offering nothing remarkable." (Moorcroft, I. 104, 105.) Labore is said to have been formerly 12 cose (shout 19 m.) in circ. Burnes says that the ancient cap, extended E. to W. for 5 m., and had an average breadth of 3 m., as may be learned by the ruins. Whatever, indeed, may have been its astual extent, it is clear, from the remains of buildings beyond the walls, that it was once much more extensive than at present. The modern city occupies the W. angle of the ancient cap, and the portion of it within the walls is apparently very populous. Moorcroft, who visited Labore in 1819, says, — "The streets were crowded to an extent beyond any thing I ever witnessed in an Indian city. The houses were in general of brick, and 5 storkes high, but many were in a very crasy condition. The chief hasaar follows the direction of the etty wall, and is not far distant from it. The streets is narrow, and this incunvenience is aggravated by platforms in front of the shops, on which the goods are displayed under prothis inconvenience is aggravated by platforms in front of the shops, on which the goods are displayed under pro-jecting pent-houses of straw to protect them from the sun and rain. Through the centre of the remaining contracted and rain. Through the centre of the remaining contracted space runs a deep and dirty drain, the smell from which was very offensive. The pop. consists of Mohammedans, Hindoos, and Sikhs, the former in the greatest number."

(i. 105, 106.) Moorcroft states that he saw only one mosque of any size or magnificence: but Burnes, a later traveller, says there are two or three: the principal, or hing's mosque, a large building of red sandstone brought by Aurungzebe from near Delhi, had, however, been descerated into a powder magasine.

Across the Ravee, about 2 m. N. Labore, is the "Shah Dura." or massacleum of the emperor Jehansire, a mo-

Across the Ravee, about 7 m. N. Lahore, is the "Shah Dura," or manusoleum of the emperor Jehangire, a monument of great beauty. "It is a quadrangular building, with a minaret at each corner rising to the height of 70 ft. It is built chiefly of marble and red stone, which are alternately interlaid in all parts of the building. The sepulchre is of most chaste workmanship, with its inscriptions and ornaments arranged in beautiful mosaic; the shading of some roses and other flowers is even preserved by the different colours of the stone. Two lines of black letters, on a ground of white marble, announce the name and title of the 'Conqueror of the World,' Jehangire; and about a hundred different words in Arabic and Persian, with the single signification of God, are distributed on different parts of the sepulchre. The floor of the building is also mosaic. It is probable that this beautiful monument will soon be washed into the Ravee, which is capricious in its course near Lahore, that this beautiful monument will soon be washed into the Bavee, which is capricious in its course near Lahore, and has lately overwhelmed a portion of the garden wall that environs the tomb." (Burner' Bokkera, &c., 1. 187.) The Shalimar, or garden of Shah Jehan, is another magnifacent remnant of Mogul grandeur. It is about § m. mlength, and has 3 terraces, each rising above the other. A canal, brought from a great distance, intersects it, and throws up numerous fountains to cool the atmosphere. Runjeet Singh removed some of its marble houses, and realized them by others of stone.

replaced them by others of stone.

The bazzars of Lahore do not exhibit much appearance of wealth: the commerce of the Punjab is centred at Umrizzir. Lahore was captured by Sultan Baber in

1520, and was for some time the seat of the Mugul government in India. It was for a while in the possession of the Affghana, and was repeatedly sacked by Shah Zemaun, ex-king of Caubul. (Hamilton's E. I. Gaz.)

of the Amphana, and was repeatedly sacked by Shah Zemann, ex-king of Caubul. (Hamilton's E. I. Gaz.; Moorcroft; Burnes, &c.)
LALAND or LAALAND, an island of the Danish archipelage, in the Baltic, between lat. 54° 38' and 46° 58' N., and long. 11° 53' E.; forming, with Falster, from which it is separated by the narrow but now navigable channel of Guldborg, a prov. of the kingdom. Length, E. to W., 35 m.; average breadth about 13 m. Area, 460 sq. m. Pop. 47,000. It is low, and is in parts liable to inundations; its shores are much indented by the sea, and it has some considerable bays. In its contre is the lake of Mariebüe, 5 m. in length by 2 in breadth. The climate is said to be unhealthy; but the soil is very fertile, and it is looked upon as the most productive of the Danish islands. Principal crops, wheat, rye, barley, and oats. Hemp and hops are also produced, and great quantities of apples. Oak, and other kinds of timber abound. Mineral products and other kinds of timber abound. Mineral products and active trade is agricultural produce; the chief seat of which is Nakshow, the cap., a town of 2,900 inhab., on the W. coast.

which is reassour, use top, a the W. coast.

LALITA-PATAN, a considerable town of Nepaul,
N. Hindostan, about 1½ m. S. Catmandoo, stated to
have had, in 1803, a pop. of 24,000. It is said to be a
handsomer town than Catmandoo, and to possess some

N. Hindostan, about 14 m. S. Catmandoo, stated to have had, in 1903, a pop. of 94,000. It is said to be a handsomer town than Catmandoo, and to possess some fine public edifices.

LAMBALLE, a town of France, dep. Côtes-du-Nord cap, cant., on the declivity of a hill, beneath which runs the high road from Paris to Brest, 12m. E.S.E. St. Brieuc. Pop. (1836), 4,396. It is well built, has an industrious and thriving pop., is surrounded by old walls, and has two suburbs, a communal college, public library, with manufactures of woollens, linens, parchment, leather, &c.; and a considerable trade in agricultural produce. (Dict. Giog., 4c.)

LAMEGO, a city of Portugal, prov. Beira, and cap. of a comarca of its own name, near the left bank of the Douro, 44 m. E. Oporto, and 192 m. N.N. E. Lisbon; lat. 41° 4′ N., leng. 7° 40′ W. Pop. 9,000. It stands at the foot of the Sierra de Penide (an offset of the Sierra Estrella), on the little river Balsamone, just before its junction with the Douro, and is divided into three quarters, two of which are occupied by the cathedral and bishop's paleae, gardens, &c., while the third comprises the square, and a long street crossed by others of smaller size. A cathedral of Gothic architecture, built by order of Don Henrique, the father of the first king of Portugal, 4 convents, and an hospital, are the chief public establishments. The marshy lands, near the town, are very rich, producing an abundance of fine wines and delicious fruits; but these advantages are more than countervalled by the badoess of the roads, which makes communication with Oporto and other places all but impossible. (Mriksso.)

LAMPEDUSA, LAMPION, and LiNOSA; three islands in the Mediterranean, collectively called the Pelagian Isles, belonging to the kingd. of Naples, and lying between lat. 35° 30′ and 36° N., and long. 12° and 13° E., about midway between Malta and Tripoli. Both Lampedusa, the an Lopadssa, by far the largest, is about 13½ m. in circuit. Its shores are precipitons, but it has a tolerable harbour on its

some interesting traces of ancient buildings; the latter presents distinct marks of volcanic origin. (Smagth's Sicity, pp. 284—289, &c.)

LANARSHIRE, or CLYDRSDALE, an inland co. of Scotland, having N. the cos. of Dumbarton and Stirling; E. West Lothian, Mid Lothian, and Peebles; S. Dumfries; and W. Ayr and Renfrew. It extends from Queensberry Hill, on the borders of Dumfries-shire, to near Renfrew, a distance of 55 m., comprising pearly the whole country drained by the Clyde (which see) and its tributaries, the Douglass, Avon, N. and S. Calder, &c. Area, 604,800 acres, of which from a third to a half are supposed to be arable. It is divided into three wards, each of which is characterised by peculiarities of surface, soil, and climate. The upper ward, of which Lanark is the principal town, includes nearly two thirds of the co, comprising the district bounded by Peebles on the E., Dumfries on the S., and Ayr on the W. This district consists for the most part of mountains, hills, and wide dreary moors; the only cultivable land lying along the banks of the Clyde and Douglass. Some of the mountains in this ward have an elevation of above 2,300 ft. The middle ward, having Hamilton in its centre, has a comparatively level surface, the low grounds along the Clyde extending to a much greater distance, and the hills by which they are bounded on either side being of

very inferior altitude. The lower ward, though of small dimensions as compared with either of the others, is the most fertile and best cultivated; and, having the city of Glasgow within its limita, it is by far the most populous, important, and wealthy of the three. The climate in the upper ward is often very severe; in the middle and lower ward it is comparatively mild and humid, especially in the latter. The soil of the middle and lower wards is principally a retentive clay, but in parts it is loamy, sandy, gravelly, &c. Agriculture, though formerly backward, has of late been greatly improved: drainage, which is here quite essential, is now prosecuted with the greatest vigour; and bone dust is extensively employed in the raising of turnips. The draught horses of this co, have long enjoyed the highest reputation of any in Scotland. Ayrahire cows are generally introduced; and a good deal of cheese is made in initiation of Dunlop, There are several valuable orchards in what is called the trough of the Clyde, between the mouth of the S. Calder and the lowest waterfail. Farm houses and offices rank with those in the best improved districts. Property mostly in very large estates; farms of all sizes, and let generally on leases for 19 years. Average rent of land in 1843, 11s. 34d, an acre. The minerals of this co, particularly its iron and coal, are of the highest importance. The command of chean and abundant sunplies particularly its iron and coal, are of the highest impo ance. The command of cheap and abundant supplies of the latter has been the principal cause of the extraof the latter has been the principal cause of the extraordinary progress made by Glasgow in manufacturing industry; and more recently, the command of coal, added to the discovery of the peculiarly raluable carboniferous iron-stone (provincially black-&send), have made Lanarkshire one of the principal seats of the British fron trade. In 1834 about 48,000 tons of iron were produced by the different iron works in this co.; and so astoulshing has been the subsequent progress of the
trade, that in 1830 about 357,000 tons of iron were produced in this co., and various new furnaces were then, also, in the course of being erected! The principal iron works are those of Gartsherrie, Dundyvan, Monkland, Summerlee, and Calder. (See Vol. I. 99). Lead is also rather extensively produced at Leadhills in this co. With respect to manufactures and commerce, it is sufficient to say that they are of the highest importance; and to refer for details to the article Glasgow, where they are principally concentrated. Each of the three and to refer for details to the article Glasgow, where they are principally concentrated. Each of the three wards into which this co. is divided has a sheriff substitute to superintend its judicial affairs. The Forth and Clyde canal is partly, and the Monklaud canal wholly, in the co., and it has also several railways. It is divided into 47 pars., and sends 3 mems, to the H. of C., 1 being for the co., and 2 for the city of Glasgow; the bors. of Lanark, Airdrie, and Hamilton, unite with Linlithgow and Falkitk in returning a new, Registers electors.

for the co., and 2 for the city of Glasgow; the bors of Lanark, Airdrie, and Hamilton, unite with Linlithgow and Falkirk in returning a mem. Registered electors for the co., in 1849_50, 3773. In 1841 Lanarkhire had 1,458 inhab. houses; and 426,972 inhab., of whom 208,312 were males, and 218,669 females. At present (1850) the pop. is probably not under 600,000. Valued reot, 162,132/. Scotch: annual value of real property, in 1815, 686,531/.; do., in 1843, 1834,994.

LAMARK, a royal and parl. bor, and market-town of Scotland, co. Lanark, of which it is the cap., on an elevated plateau, if m. from the Clyde, 30 m. S. W. Edinburgh, and 23 m. S. E. by E. of Glasgow. Pop. of the town only, in 1841, 4,467. It consists of one leading street in the direction of E. and W., with several subskilary streets and lanes. The streets are well paved; but many of the houses are mean, being thacked with broom, heath, or straw, and exhibiting strong marks of poverty or decay: but the older buildings are gradually being superseded by new and better edifices. The only public buildings are the County Hall, including a gaol, the par. church, a free church, two chapels belonging to the Relief, and one to the Associate Synod. Several handsome baronial seats are in the near vicinity. Various sums have been bequeathed, at different times, for the promotion of education. Twenty-eight boys are supported at the grammar-school; and, in addition to the school fees being paid, each gets an annual sum, varying from 24. to 34. There is, besides, a charity school for 50 children. The total number of schools in the par. a short while since amounted to 8 and the pupils to 450: there is a subscription library and reading-room

school for 50 children. The total number of schools in the par. a short while since amounted to 8 and the pupils to 450: there is a subscription library and reading-room in the town. (New Stat. Acc. of Scotland, & Lasark-shire, pp. 26, 27.) William Lithgow, the traveller, and Gavin Hamilton, the historical painter, were natives of the bor.; and General Roy, the celebrated engineer, and author of "The Military Antiquittes of the Romans in Britain." was educated at the grammar school. Corp. ver. 1848, 91 3730.

Britain," was educated at the grammar school. Corp. rev. 1848-9 1378t.

Hand-loom weaving, in connection with the Glasgow manufacturers, is extensively carried on, there being, in the bor., above 700 weavers. They work, at an average, above 16 hours a day. In order to eke out the slender pittance of the family, the wives of the married men engage in winding the waft on pirns; and, as if to perpetuate this poverty-stricken business, the children, both males and

females, are usually employed in the work from an early age. About 120 females are employed in embroidering lace. Boots and shoes are made to a small extent for export. There are three branch banks in the town.

Lanark and its vicinity have many remains of antiquities. The Castle Hill, on the S. of the town, was once the site of a royal residence; but every trace of it has disappeared. The old church, the date of which is unknown, and St. Nicholas's chapel, have been allowed to the terminal three terminals.

known, and St. Nicholas's chapel, have been allowed to go to ruins. There are, in the neighbourhood, distinct vestiges of two Roman camps, supposed by General Roy, to have been the work of Agricola: one of them mea-sures 600 yds. In length, and 420 in breadth. This bor. seems to have been more important in an-cient than in modern times. In 978, Kenneth II. held in it an assembly of the states of the realm. It was a royal bor. as early as the 12th century. Lanark was the scene of the first military exploit of Sir William Waliace. During his residence here, after his marriage with the co-heiress of Lamington, he killed, in 1298, Hazelrigg, the English sheriff, and expelled his soldiers from the co-heiress of Lamington, ne killed, m 1286, riazeirigg, the English sheriff, and expelled his soldiers from the town. This bor. formerly had the custody of the standard weights of Scotland: they are still preserved; but the act of 1826, introducing the imperial standard, has superseded their use.

act of 1826, introducing the imperial standard, has superseded their use.

Lanark unites with Falkirk, Linlithgow, Airdrie, and Hamilton, in sending a mem. to the H. of C. Registered voters, in 1849-50, 249. The Falls of Clyde are in the near vicinity of the town; Bonnington Lian, 30 ft.; Corra Linn, 120 ft.; and Stonebyres, 84 ft.: the two former are to the E.; the latter to the W. of the town. Another remarkable object is the Cartland Crags, a deep chasm, formed by the Mouse, a small tributary of the Clyde, over which a bridge of three arches has been thrown (1825), whose two piers are each 146 ft. in height, about equal to the length of the bridge. (Chalmer's Caledonia; Boundary Reports, &c.)

Lanark (New), a manufacturing village of Scotland, co. Lanark, on the bank of the Cryde, close to the river, and bounded on the N. by steep and beautifully wooded hills, i.m. S. of the bor, of Lanark. Pop. 1,901. The village consists of a series of cotton mills, and of two streets, in which the work-people live; and so little space intervenes between the river and the hills, that there is room for only two lines of edifices. No person is allowed to reside here, unless he be coancected with the factories.

is allowed to reside here, unless he be connected with the factories.

The mills were founded, in 1784, by Mr. David Dale; and Arkwright, the father of the cotton manufacture, as for a while a partner in them. (Baines's Hist. of the Cotton Manufacture, p. 193.) Mr. Dale was afterwards succeeded by his son-in-law, Robert Owen, whose attempts (first made at New Lanark) to reduce to practice his abourd projects for the renovation of society, are well known: but Owen ceased, in 1837, to have any interest in the business. The mills give employment to above 1000 individuals, of whom nearly 400 are under 18 years of age. (Ractory Reports, p. 304.) The hours of labour are limited to 104 a day throughout the year; and the people are peculiarly respectable. (New Stat. Account of Scotland, & Lasartzhire, p. 22.) A school is established in the works, for the education of the children, and is attended by about 500 pupils. (18. 37.) It may be mentioned, that teaching by objects, and what is called (how justly we shall not stop to inquire) the intellectual system of education, was originally practised at the mills of New Lanark, about the beginning of the century. There are two funeral societies, from which, on the death of a member or his wife, the family receive 4t., on that of a child 2t. The sum is collected as occasion requires, the society not accumulating any funds.

LANCASTIER. a marit.eo. of cumulating any funds.

sum is collected as occasion requires, the society has accumulating any funds.

LANCASHIRE, or LANCASTER, a mark. co. of England, on its W. coast, having N. Cumberland and Westmoreland, E. Yorkshire, S. Derbyshire and Cheshire, and W. the Irish Sea, by which it is in various parts deeply indented. Its most northerly portion, consisting of the hundred of Furness, is separated from the main body of the co. by the intervention of Morecambe Bay and a small portion of Westmoreland. Area, 1,130,340 acres, of which about 890,000 are supposed to be arable, meadow, and pasture. The bundred of Furness is generally rugged and mountainous; and the E. parts of the co. along the Yorkshire border are occupied by portions of, or offsets from, the great central or inner range of English mountains; but with these exceptions, the country is generally fast; and in the S. part of the co. and actensive plain stretches from Formby Point and Liverpool on the W., to Oldham on the E. Sandy loam and extensive plain stretches from Formby Point and Liverpool on the W., to Oldham on the E. Sandy loam and
and are the prevailing soils in the lower districts, in
which, however, there are several extensive mosses:
peat soil prevails in the moors. The climate is mild and
salubrious; but more humid, perhaps, than any other in
England. This co. is wholly indebted to manufactures
and commerce for its vast population, wealth, and importance; for, as respects agriculture, it is, though considerably improved, one of the most backward in the

empire. There is a great want of drainage. Few thrashing machines have been introduced; and agricultural implements are generally very imperfect. Potatoes are moore extensively cultivated in this than in any other English co.; and this, no doubt, is one cause why few tournips are raised. Grazing is more attended to that tillage husbandry; large quantities of hay are produced, and there is a good deal of dairying. Lancashire is believed to be the original seat of the long-horned breed of cattle; but they are now so crossed and intermixed with others, as to be seldom found pure. There are some large estates; but property is, notwithstanding, a good deal subdivided. Tillage farms for the most part rather small, and usually held on seven years leases, a tenure too short to admit of the occupiers undertaking any very expensive improvements. Farm buildings generally good. A verage rent of land, in 1843, 28s. 114d. an acre. Exclusive of other minerals, this co. has was beds of coal, and to that, more perhaps than any thing else, its extraordinary progress in manufactures is to be ascribed. It is the grand seat of the cotton manufacture, which has grown up with a rapidity wholly unexampled in the history of industry. Manchester, Preston, Bolton, Oldham, Blackburn, Ashton, Bury, Chorley, Wigan, and other towns, where the menufacture is principally carried on, and Liverpool, the grand emporium of the trade of the co., have increased with equal rapidity. Manchester is now, beyond all dispute, the first manufacturing town in the world; and the trade and navigation of Liverpool are infector only to those of London. Besides that of cotton, the woollen manufacture is extensively carried on at Rochdale and other places in this co., as is that of silk, flax, paper, hast, &c. The extension of manufactures and trade has been at once a cause and a consequence of the estension of the facilities for conveyance, by means of canals, railways, &c., which traverse this co. in every direction, and other places in this co., as is that of

do. in 1843, 7,756,2386.

Lancastraz, a mun. and parl. bov., and sea-port town and par. of England, cap. of the above co., locally attended in hunds. Amounderness and Lonsdale, but with s-parate jurisdiction, on the S. bank of the Lune, 46 m. N. by B. Liverpool, and 905 m. N. by W. London; lat. 549 4 N., long. 39 48 W. Area of par. (comprising 17 townships), 66,100 acres: pop. of ditto, in 1841, 34, 48. Pop. of parl. bor. (which includes parts of Skerton and Bulk townships), in 1841, 14,289. The town stands on a gentle slope facing the Lune, which is crossed here by a handsome stone bridge of 5 arches; and the summit of the hill is crowned by the bastions of its fine old castle, and the lofty tower of the par. church. Mearly the whole town is built of freestone, from quarries in the neighbourhood: the houses are generally well Mearly the whole town is built of freestone, from quar-ries in the neighbourhood: the houses are generally well constructed, and many are large and handsome. The streets, however, with one or two exceptions, are incon-veniently narrow, and badly paved. Lancaster is lighted with gas, under an act passed in 1824, and is well supplied with water from springs and wells. The principal pub-lie building is the castle, once a magnificent structure, originally built in the lith century, but renovated by John of Gaunt, Duke of Lancaster, during the reign of Edward III.: it was repaired at the end of the 16th cen-tury, and much enlarged in 1789, when it was converted, Edward III.: it was repaired at the end of the loth cen-tury, and much enlarged in 1788, when it was converted, at an expense of 140,000., into assize and county courts, gaol, female penitentiary, &c. The walls enclose an area of 10,526 sq. yards. The prison is conducted on the system of classification, and silent labour: above 160 debtors and 200 criminals have been confined in it at an average of the last few years. Among the other public buildings, exclusive of the churches, are the town-hall, erected in 1781, the custom-house, on St. George's Quay, having a portice and pediment supported by 4 lonk columns, the assise-house, the assembly-room, the theatre,

the public baths, and the market-houses. The county lunatic asylum, on Lancaster Moor, is a quadrangular building, with a handsome Doric front, occupying, with its grounds, about 5 acres: it accommodates 850 patients, and is said to be humanely and judiciously conducted. The par. church, which stands on the "green and shapely knoll" of Castie-hill, is of the same date as the castle, and consists of a central and two side alies of equal length, terminated by a well-proportioned and lofty tower at its W. end: it was all but rebuilt in 1759. lofty tower at its W. end: it was all but rebuilt in 1759. Its richly-carred stalls, and other curious carvings in the chancel, and its fine monuments, are universally admired. The living is a vicarage, of the clear annual value of 1,700.; and the incumbent nominates the ministers of St. John's and St. Ann's, the two district churches, as well as those of all the chaperless within the par. There are also places of worship for R. Catholics, Presbyterians, Independents, Wesleyan and Association Methodists, to each of which, as well as to the churches, Sunday schools are attached, furnishing religious instruction to about 1,500 children. There is a meeting-house for the Society of Friends. The school-charities comprise an ancient grammar school under two masters, greatly modified in 1824, and now furnishing a good classical and general education to about 60 boys; a boys' national school, united with an old blus-coat charity, attended by 360 boys (30 of whom are clothed).

ingious instruction to account 1,800 ciniarrem. Inerve is a meeting-house for the Society of Friends. The school-charities comprise an ancient grammar school under two masters, greatly modified in 1824, and now furnishing a good classical and general education to about 60 boys; a boys' national school, united with an old blue-cost charity, attended by 360 boys (30 of whom are clothed), a girlis' national school established in 1890, and attended by 180 girls, a charity school for clothing and instructing 60 girls, a Capholic charity school, attended by 90 children of both sexes, and a Lancastrian school with 800 children. Among the other public charities may be mentioned Penny's Hospital, endowed with land worth 3600, a year, and affording a residence, clothing, and small stipend to 12 poor men, Gillison's Hospital, for the reception of 8 unmarried women, each of whom has a stipend of 40. a year; Gardyner's Almshouses for 4 old men, a dispensary, and house of recover; a lying_dindring, and a beneviolent society. (Charity Cosses. 16th Rep., pp. 362—373.) Bible, church missionary, and tract societies, are also respectably supported. The chief literary establishments are "the Amicable" book society, the mechanics' library, and 3 news-rooma. A newspaper, called the "Lancaster Gazette," is published every Saturday. A savings' bank was established in 1823; which had on the 36th Nov., 1848, 88,9260. of deposits. It has, also, a joint-stock bank, entitled the Lancaster Banking Company, with about 128 partners.

Lancaster had formerly a considerable share in the trade with the W. Indies; for it appears that in 1799, 57 vessels of the burden of 12,839 tons came to it from the W. Indies only. In consequence, bowever, of the superior facilities enjoyed by Liverpool, this branch of commerce is now nearly extinct. A few vessels are engaged in the trade with N. America and the Baltic, but the great bulk of the shipping belonging to the port consists of coasters, and there exceeded the facilities enjoyed by Liverpool, this bran

sent mum. not. is unvaced into a warus, and governed by 6 aldermen (one of whom is mayor) and 18 councillors: it has a commission of the peace under a recorder. Corporation revenue, in 1847-48, 5,2594. Assizes are held in

ma it continues to increase in importance. King John conferred "the honour of Lancaster" on his favourite Gilbert Fitz-Reinfrede, and gave it a charter. The first earl of Lancaster was created in 1266; and in 1251, Henry Earl of Derby was advanced, by special charter, to the title and dignity of Duke of Lancaster, with power to have a chancery in the county, and "to enjoy all other liberties and regalities belonging to a Countral than the control of Edward III. married Blanch, the duke's daughter, and, by virtue of this alliance, succeeded to the title. His son, Henry of Boilingbroke, first Earl of Derby, and afterwards Duke of Hereford, became Duke of Lancaster on his father's death in 1398, and finally King of England in 1399, from which time to the present this duchy has been associated with the regal dignity. Lancaster espoused the royalist cause during the parliamentary war, and was visited by the Jacobite troops in the rebellions of 1715 and 1745. (Batines's Lancastere, vol. ii.; Parl. and Off. Reports; Private Inform.)

Lancaster, a town of the U. States of N. America, Persenter of the second of the presenters.

Prieste Inform.)

Lincasteria, a town of the U. States of N. America, Pennsylvania, cap. co. of its own name, near Conestoga Creek, a tributary of the Susquehanna, 56 m. W. by N. Philadelphia. Pop. (1840) 8,417. It is pleasant, healthy, and Sourishing, in a fertile and highly cultivated vicinity. Its streets are regular; the houses are chiefly of brick and stone, and many are spacious and elegant. There are numerous places of public worship, 3 of which are for Germans; a courthouse, gool, 3 banks, several charitable and religious societies, an academy for the classics and English literature; a school of mutual instruction, and several other schools. The pop. is mostly of German descent; and some of the newspapers are in the German language. Lancaster has been long famous for its manufacture of rife muskets, and the excellence of the stage several other schools. The pop. is mostly of German descent; and some of the newspapers are in the German language. Lancaster has been long famous for its manufacture of rifle muskets, and the excellence of the stage coaches built in it. Latterly several large cotton factories have been erected in it, and the inhab. are described as having quite a mania for manufactures. It would, also, seem that they have a mania for litigation, at least such can hardly fall to be the case, if it be true that there are no fewer than 70 lawyers in the town it Exclusive of cotton it has also manufactures of saddlery, hats, nails, hand-acrews, and other tools, &c.; and many brewerles, distilleries, tanneries, and potteries. Its general trade is extensive: it is connected with Philadelphia and Harrisburg by railroads, and with the Susquehama below Columbia by a canal. It is the seat of the district judicial court for the S. division of the co. (Encyc. Amer. cl.; Economist, 21 April, 1889.)

LANCIANO, a town of the Neapolitan dominions, prov. Abrusso Citra, cap. dist. and cant., or circomberio, 6 m. from the Adriatic, and 18 m. S. Pescara. Pop. excirc.) in 1832, 11,883. It is built on the summit of three hills, in a healthy and pleasant situation; and has a cathedral, several churches and convents, an archbishop's alone, a diocesan seminary, and other schools, a tribunal of primary juriadiction, &c. This is a very sneient city; and in the middle ages it was distinguished by its proficiency in manufactures, and by the extent of the commerce carried on at its fairs; but these have both greatly and in the middle ages it was distinguished by its proficiency in manufactures, and by the extent of the commerce carried on at its fairs; but these have both greatly and in the middle ages it was distinguished by its proficiency in manufactures, and by the extent of the commerce carried on at its fairs; but these have both greatly and in the middle ages it was distinguished by its proficiency in manufactures, and by the extent of the commerce

LANCASTER.

Lent, and summer; and the quarter sessions on Jan. 4., April 5., June 38., and Oct. 19. A bor. court sits every fourth Thursday for the recovery of debts to may smooth fourth Thursday for the recovery of debts to may smooth fourth Thursday for the recovery of debts to may smooth fourth Thursday for the recovery of debts to may smooth fourth Thursday for the recovery of debts to may smooth fourth thursday for the recovery of debts to may smooth fourth thursday for the recovery of debts to may smooth fourth thursday for the recovery of debts to may smooth fourth thursday for the recovery of debts to may smooth fourth thursday for the recovery of debts to may smooth fourth thursday for the recovery of debts to may smooth fourth thursday for the recovery of debts to may smooth fourth thursday for the recovery of debts to may smooth fourth thursday for the recovery of debts to may smooth fourth thursday for the smooth fourth
has been paid out of the episcopal augmentation fund, to raise the income to 4,500%, and a further allowance of 300% is to be made till the residence be restored. The patronage of the see comprises the cathedral appointments with 8 livings, and the chapter comprises 11 dignitaries, besides the bishop: there are also 2 vicarachoral. Liandaff has no market, and is wholly dependent for its supplies on Cardiff, except for vegetables, which it sends in considerable quantities to that market. Cattle fairs, Feb. 9. and Whit-Mooday, well attended. (Nickolaorie Cambrism Guide; Parl. Rep. 4c.)

LANDAU, a strongly fortified town belonging to the German confederation, in Rhenish Bavaria, on the Quelch, a tributary of the Rhine, 54 m. S. by W. Mayence, and 46 m. N.N. E. Strasburg. Pop., according to Berghaus, 6,100, exclusive of the Bavarian garrison of 6,000 men. This fortress is considered a chef-drawer of Vauban, who commenced the construction of its works in 1690. It is an octagon, with seven bastions, as many demi-lunettes, and several other outworks: its ditches are filled from the Queich. The barracks and magazine are bomb-proof. The town was almost entirely consumed by fire in 1686, since which, it has been regularly laid out, and has some good public edifices, including the principal church with a lofty tower, two convents, the town-hall, court of justice, and a civil and military hospital. In the centre of the town is a spacious parade ground. Some extensive vinegar factories have been established here within the last few years. The gates are closed at an early hour, after which, neither ingress nor egross is permitted.

The history of Landau is little else than that of a succession of sleges, blockades, captures, and other military events. It was founded by the Emperor Rodolph, of Hapeburg, and made a free town of the empire in the 14th century. The parades of Paria. (Schweiber, Guside Shås, 71, 72.; Bergheus; Stein; §c.)

LANDERNEAD, a town and river-port of France, dép. Finistère, on the Elorn, 12 m. E. N. E. B

factures of linen cloth and leather.

LANDES, a dep. of France, and one of the largest, though the poorest, in the kingdom, reg. 8.W., chiefly between lat. 45° 30' and 44° 30' N., and long. 0° 7° and 1° 32° W., having N. Gironde, E. Lot-et-Garonne and Gers, S. Basses Pyrenées, and W. the Bay of Biscay. Length and greatest breadth about 70 m. each. Area, 915,139 hect. Pop. (1846) 298,220. This dep. derives its name from an extensive tract of heath, marsh, and other waste land, with a loose sandy soil, about 300 ft. above the level of the sea, termed the "Landes," which occupies 73,1,142 hect., or nearly 4-58 the of its total surface. Ec.)

LANDAFF, or LLANDAFF, (Llon-Telf, church of the TM,) a town and par. of S. Wales, co. Glamorgan, waste land, with a loose sandy soil, about 300 ft. above hund. Eibber, on the W. bank of the TM, 9 m. N. W. Cardiff, and 37 m. W. Bristol. Area of par., 2,286 acres. Pop., in 1841, including the hamlets of Canton, Elsy, Fairwater and Gabalia, 1,276. The town is at present little more than an inconsiderable village, with about a plain is for the most part a dead flat, interspersed with LANDSBERG.

patches of pasture or cultivated land, clemas of pines, scattered habitations of a miserable kind, and a few wretched hamlets; and bounded toward the san by a chain of sinces or sandy downs, inside which is succession of lagoons frequently commenciating with each other, and occasionally with the say opinings between the disease. The disease that the first had been the short of the

Ac.)

LANDSBERG, a town of the Prussian dom., prov. Brandenburg, gov. Frankfort, cap. circ., on the Warta, a tributary of the Nota, here crossed by an excellent bridge, 38 m. N.E. Frankfort on the Oder. Pop., in 1838, according to Berghaus, 9,970; but it is stated by Yon Zadiltz (Der Preussische Staat, il. 318.) to be nearly 12,000, among whom are many Jews. Landsberg is divided into the Old and New Town, and has several suburbs. It is walled, and is one of the best built towns in the mrow. It has several churches, a house of correction. urse. It is waited, and is one of the cest duit town in the prov. It has several churches, a house of correction, the inmates of which are made to support themselves by the manufacture of woollen cloths, an hospital, an orphan asylum, a high school, &c. It is a principal mart for corn and wool, the greater part of the produce of

LANGHOLM.

Pomersmia, the Neumark, and W. Prussla being brought thikher for export by the Oder. The town has also brisk manufactures of woollen goods, leather, and paper, and numerous brewerles and distilleries. Landsberg is the seat of a circle assembly, a circle and town tribunal of the first class, boards of taxation, forest economy, and agriculture, and the superintendency of the drainage of the vale of the Warta. (Drichhausemannschaft file das Wartelenkoh.) The town was repeatedly taken and retaken by the Swedes and the Imperialists in the 30 years' war. (Fon Zedlitz; Berghaus, gc.)

LANDSCRUNA, a fortified sea-port town of Sweden, prov. Malmes, on a tongue of land projecting into the Sound, 16 m. N. E. Copenhagen; lat. 860 51 36" N.; long. 130 84" 47" E. Pop. 3,870. It has strong walls, a citade, and other works; is well laid out, and has asie and well sheltered harbour, with 30 ft. water.

LAND'S END, a headland at the W. extremity of the co. Cornwall, celebrated as being the most westerly land in England; lat. 50" 4" 8" N., long. 30" 41" 31" W. It is formed of granite cliffs, which rise about 60 ft. above he level of the sea. These assume, in some places, the appearance of shafts, and are as regular as if they had been cut by the chisel. About 1 m. W. from the Land's End, are the rocks called the Longships, on the largest of which is a light-house, with a fixed light, having the lantern elevated 88 ft. above high water mark.

LAND'SHUT, a town of Bavaria, circ. Lower Bavaria, on the largest of which is a light-house, with a fixed light, having the lantern elevated 88 ft. above high water mark.

LAND'SHUT, a town of Bavaria, circ. Lower Bavaria, on the largest of which is a light-house of the loftlest in Germany. It has an old caste, the residence of the buildings, and the number of its towers and spires; that of St. Martin's church being one of the loftlest in Germany. It has an old caste, the residence of the duke of Bavaria in the 12th century; a Cistercian abbey, in which they were buried; a royal pa

Géog., \$c.)
LANGENSALZA, a town of Prussian Saxony,
the Salza, 1 LANGENSALZA, a town of Prussian Saxony, gov. Brutz, cap. circ. of its own name, on the Saiza, 194 m. N.W. Erfutt. Pop. (1838) 7,142. It is well built, walled, and farther defended by a castle; and has 4 churches, 4 hospitals, a lazaretto, an orphan asylum, a high school, a public library, and a theatre. It is the seat of a district council, a board of taxation, judicial courts for the town and circle, the Thuringian Agronomical Society, &c. It has manufactures of various descriptions of woollen, linen, and cotten fabrics, a saltpeter factory, with dyeing bouses, breweries, distilleries, and paper mills. (Von Zedlits, Der Preussische Staat; Berghaus; Horschumann, Stein, 4c.)

LANGHOLM, a bor. of barony and market-town of Scotland, co. Dumfries, in the bosom of a wooded valley

LANGHOLM, a bor. of barony and market-town of Scotland, co. Dumfries, in the bosom of a wooded valley on the Esk, and on the line of the road between Edinburgh and Carlisle, 21½ m. N. by W. the latter and 59 m. S. by E. the former. Pop. of town, in 1841, 2,362; of town and parish 2,820. It is intersected by the Esk, New Langholm (founded in 1778) being on the W. side of the river. The latter is regularly built, of a triangular form. The old town consists chiefly of one street on the line of the road. In it are the town-hall and gaol, ornamented with a spire, and the par. church. There are, also, chapels belonging respectively to the Associate Synod and Relief. The communication between the different parts of the bor. Is maintained by a fine bridge. There are sundry schools in the parish, of which two are endowed; average attendance, about 1-10th pop. There are two subscription libraries, to one of which the late Thomas Telford, the celebrated engineer, a native of the district, bequeathed 1,000. William Julius Mickle,

also two small woollen mills, with a distillery, brewery, and two branch banks.

Langholm was created a burgh of barony in 1610. Gilnockle Tower, the residence of "Johnle Armstrong," the famous border freebooter in the time of James V., is in the neighbourhood, but has long been in ruins. Langholm Lodge, a seat of the Duke of Buccleugh, is also in the neighbourhood.

LANGRES (an. Andemaiumum, and Civitas Lingonum,) a town of France, dep. Haute-Marne, being the largest and most populous town in the dep., though not its cap.; if is, however, the capital of an arrond, and occupies, next to Briançon, the highest elevation of an town in the kingdom, 18 m. S.S.E. Chaumont, and 29 m. N.N.E. Dijon. Pop. in 1846 (ex. com.), 7,636. It is surrounded with walls, fanked by towers, and is well-built, its streets being regular, wide, and clean. The principal public edifice of Langres, its ancient cathedral, has a choir, the peristyle of which, of the Corinthian order, is supposed to have formed part of a Roman temple: the edifice itself, though of uncertain date, is very ancient, excepting the grand entrance, constructed in the 18th century. The bishopric of Langres was founded as early as the 3d century. Langres has a handsome town-half, a theatre, a public library with 3,000 vols., a school of drawing, several hospitals, and a fine public promenade. It is distinguished by its cuttery, which is its chief branch of industry.

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drawing, several hospitals, and a fine public promenade. It is distinguished by its cuttery, which is its chief branch of industry.

The Lingones are noticed by Casar as being attached to the Romans (De Bello Gallico, lib. 1. § 26. 40); they afterwards became fuederest, or allies of the Romans; and their city is characterised by Frontinus as opulentistimes. (Lib. iv. cap. 3.) Among the remains of antiquity of which it has still to boast, are several triumphal arches; one of which, now included in the town-walls, supposed to have been erected in honour of the two Gordians, circa asseo 240, has a friese on its entablature, indicating a high state of the arts. It suffered numerous disasters in the dark ages; being taken and burnt by Attila, and again destroyed by the Vandals, in 407. Louis VII. annexed it to the French crown. Diderot was a native of Langres, where he first saw the light, in 1712. (Hago, art. Haute Marne, &c.; D'Aswille, Notice de Fanciense Gaule, p. 417.)

LANGUEDOC, one of the old provs. of France, in the S. part of the kingdom, now distributed among the deps of Ardèche, Aude, Gard, Haute Garonne, Hersult, Haute-Loire, Lozère, and Tarn.

LANNION, a town and river port of France, dép. Côtes-du-Nord, cap. arrond., on the Guer, 35 m. W. N. W. St. Brieuc. Pop. (1846) 5,401. It is ill-built and state; its port on the river is bordered by a spacious quay, but within the last 40 years vessels of \$50 tons have been unable to come up to the latter. It has a church erected in the 12th century, two hospitals, barracks, and a communal college; it is the seat of a sub-prefecture, and

in the 12th century, two hospitals, barracks, and a communal college; it is the seat of a sub-prefecture, and a court of primary jurisdiction, and has manufactures of linen fabrics, and an active trade in agricultural

of linen fabrics, and an active trade in agricultural produce.

LANZEROTA, one of the Canary Islands, which see.

LANDICEA AD LYCUM, an ancient city of Phrygis, in Asia Minor, chiefly interesting as being the site of one of the seven primitive Christian churches, on the Lycus, a tributary of the Meander, 130 m. E. S. E. Smyrna, lat. 370 56' N., long. 390 15' N. The site of this town, once ranking as the second in Phrygis, is marked only by the deserted ruins of public bulldings; and hence the heighbouring hamlet, inhabited only by a few equalic Turks, has received the name of Esht-hisser, "old castle." (Ellioti's Travels, ii. 97.) The remains are very extensive; and the whole surface within the walis is strewed with pedestals and fragments, indicating by their size and workmanship the former luxury and magnificence of the city. The largest ruin is that of an oblong amphitheatre, having an area of 1,000 sq. ft. Many of the seats are still in tolerable preservation, and at the W. end is a vaulted passage about 140 ft. long, and designed for the horses and chariots entering the arena. A Greek inscription on the mouldings informs us that it was completed in the reign of the emperor Vespasian, a. n. 82, after having occupied twelve years in building. There are remains also of an odeum, two theatres, and a fabric which Chandler supposed had been a senate-house and exchange. The soil in and about the city is hard, dry, and porous, bearing many indications of an igneous origin; and Laodicea has at many different times suffered greatly from earthquakes. arthquakes.

Laodicea, so called from the wife of its founder, Antiochus II., was long an inconsiderable place, not-

the translator of the Lusiad, was a native of the bor.; and Sir John and Sir Pulmey Malcolm were born in the neighbourhood.

The poor are supported partly by church collections and partly by assessment; the latter having amounted, in 1847, to 485t.

A cotton-mill, driven by water, was erected in 1789. There are in the town a considerable number of weavers, who are partly employed in the stocking trade; there are also two small woollen mills, with a distillery, brewery, and two branch banks.

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Roman emperors, and was nourishing even in 1190, when Frederic Barbarosas visited it on his way to the third crusade. Soon afterwards, however, it was repeatedly attacked and ravaged by the Turks, and finally came into their hands in the beginning of the 14th century, since which it has been a mere ruin, "wretched, and miserable, and poor and naked." (Rev. iii. 14—22.)

Laodices and Lycams must not be confounded with Laodices combusts (now Ladit), 19 m. N.W. Konieh, also a considerable city, of which there are extensive ruins. (Chandler, i. 292.; Elitott, iii. 97.)

LAOD ICEA AD MARE, in Syria. (See LATAKIA.)

LAON (Lat. Landsessum), a town of France, dép. Aisne, of which it is the cap., on the summit of a steep still, 52 m. W.S.W. Meerieres, and 74 m. N.E. Paris. Lat. 49° 33′ 54″ N., long. 3° 37′ 27″ E. Pop. in 1846 (ex. com.), 8,054. The town is about 1 m. in length, narrow in the centre, expanded at either extremity, and surrounded by old walls, flanked with numerous small towers. Except its main street, it is ill built and triste; but it has pleasant promenades, a healthy situation, and fertile neighbourhood. It has a large Gothic cathedral, with 4 towers, rebuilt in 1114; a large old abbey, now fertile neighbourhood. It has a large Gothic cathedral, with 4 towers, rebuilt in 1114; a large old abbey, now occupied by the prefecture; a public library, comprising 17,000 vols.; extensive harracks, a remarkable feaning tower, 2 hospitals, a town hall, communal college, theatre, depôt de mendicité, &c. It is the seat of a tribunal of original jurisdiction; and has manufactures of nails, leather, copperas, earthenware, &c. Coarse woolens, and some other articles, are made in the dépôt de mendicité.

menacitie.

Laon has been sometimes supposed, but on no good grounds, to occupy the site of the Bibrar mentioned by Cæsar. (See AUTUN, Vol. 1. 255.) In the middle ages it was distinguished by its industry and wealth: its bishopric was one of the most lucrative in the kingdom; and the position and importance of the town made it be regarded as a kind of second capital. It was, however, far and the position and importance or the town make it be regarded as a kind of second capital. It was, however, far more distinguished by the spirit which animated its inabitants, and by their persevering efforts to emancipate themselves from the feudal tyranny of their bishops, and on establish a municipal government and the regular administration of justice under magistrates of their own selection. They succeeded in establishing a government of this sort so early as the year 1110; and maintained it, at the cost of many great sacrifices, for above two centuries, or till 1331, when it was finally abolished by royal ordonnance. (For an account of the commune of M. Thierry, Letters sur l'Histoire de France, Nos. 16—18.)

Laon was, in 1814, the scene of some sovere fighting between the French and the allies. The Prussians under Blucher having occupied the town, their position was unsuccessfully attacked on the 9th of March, by the French, under Napoleon: and the Prussians having cut to pieces and dispersed the corps of Marmont during the

French, under Napoleon: and the Prusslans having cut to pieces and dispersed the corps of Marmont during the night, Napoleon was obliged to withdraw from before the town on the 11th. (Hugo, art. Aisne.)

LAOS, or the SHAN COUNTRY, a country of India beyond the Brahmaputra, which may be roughly estimated to extend between lat. 15° and 24° N., and long, 98° and 106° E; having N. the Chinese prov. Yun-nan; W. the Birmese Empire, from which it is separated by the Than-lweng river; S. the Tenasserim provs., Slam and Camboja; and R. Tonquin and Cochin China, from which a lofty mountain chain divides it. Our knowledge of this extensive region is extremely limited; and wast little we do know relates almost ex-Our knowledge of this extensive region is extremely limited; and what little we do know relates almost exclusively to N. Laos, or the portion bordering on the Birmese and Chinese empires. The country appears to be comprised in the basins of two large rivers, the Menam, which afterwards waters Siam, and the Menam-kong, or river of Camboja, in the middle portion of its course. The Laos territories formerly comprised 8 or 9 larger and several smaller distinct states; but of late the Siameses have consucred most of these and the rest are Siamese have conquered most of these, and the rest are

principally tributary to the surrounding nations, especially the Birnese and Chinese. The Lace pop. in the Siamese dom. is estimated by Mr. Crawfurd at 840,000; to which we may perhaps add nearly 300,000 for the pop of N. Laces, Ac.; making a total of somewhat more than a million. The country is fertile; but all accounts agree that it is in general very poorly cultivated and thinly fahabited. The smaller villages are mere collections of huts; and a great part of the pop. consists of small migratory hordes, who have no permanent habitation. The labour of cultivation is thrown principally on the women. The fields are ploughed about the beginning of the rains in August, and the crop is reaped in February. The labour of substances is the only variety of rice that is raised; and, as there is no market for surplus grain, it sells in jecutiful years at an extremely low price. The implements of husbandry are, rude ploughs, drawn by two even or buffaloes, harrows, spades, and hoes. The hire of a labourer averages a quarter of a rupee a day; but kired labourers are few, and the cultivators assist each other by turns in their various operations. The grain is cut with the common sickle, and thrashed by treading out with oxen. Tobacco, with sugar-canes and mulberries, are generally raised; and the country yields pepper, cardamonas, different sorts of indigo, bensoon, sitck lac, and other gums, botal, numerous fruits, an abundance of teak and aspan wood, a species of sandal-wood, &c. It abounds with elephants, which are exported in considerable numbers; and with buffaloes, oxen, and other animals found in the adjacent countries. There are, however, no sheep. Asses are used as beasts of burden: but waggons are frequently employed in the convey-snoe of goods. Gold is found in parts of N. Laos; but in such trifting quantities as hardly to afford the ordinary low rate of wages of the country to those engaged in sating and washing the aand in which it is found. The low rate of wages of the country to those engaged in stiting and washing the sand in which it is found. Tin low rate of wages of the country to those engaged in sixing and washing the sand in which it is found. The sixing and washing the sand in which it is found. The ore is abundant: and iron, lead, copper, antimony, and silver are met with. Some of these metals are smelted and wrought; but the ores are principally sent in a rough state to Birmah. Silk and cotton fabrics, paper made from the bark of a creeping plant, leather, datesugar, and gunpowder, are the chief manufactures. There are, however, gold, silver, and iron smiths, mat-makers, potters, embrodderers, and a variety of petty artisans. Spianning and wasving are usually performed by women, who, as in Birmah, conduct a good deal of the retail trade. Some commerce is carried on with the immediately adjacent countries. The inhab. exchange their lac, sapan-wood, and other dyes, paroquet skins, ivory, rhinoceros' horns, wax, tin, lead, &c., with the Tonquinese for sulphur, cinnabar, gamboge, orpiment, borax, masks, silks, gold thread, embroddery, steel, cutlery, paper crockery, &c. About 50 merchants come annually from Tonquin, each with 20 or 30 horse-loads of merchandise. Large quantities of salt, with spices, to which the Laos merchants take jaghery, drugs, dyes, mike, cottons, lacquered wares, gold, silver, copper, and other metals, partly native produce, and partly obtained from China. The intercourse with the Tenasserim provs. is increasing; and some British cotton and woollen goods, salt, &c., are bought by the Shribs at Martaban. In N. Laos, however, the people are not dependent on the coast for sait, a good deal, though of inferior quality, being there collected in the plains. A caravan occasionally comes from Slam.

The government is what is commonly, though incorally comes from Siam.

somally comes from Slam.

The government is what is commonly, though incorrectly, called an hereditary despotiam. The king is assisted by 4 councillors. The laws, derived from the institutes of Menu, are administered by the councillors, under whom are 8 inferior judges. Their general tenor is the same as that of the Slamese laws, but they are not generally enforced with so much rigour. Unlike most E. countries, the people have a right of property in the soil, and may dispose of it at pleasure: waste land may be occupied by any one, and if he cultivate it, he establishes a right to its exclusive possession. In N. Loos, a small military force is kept up. The Shans are said by Kempfer to resemble the southern Chinese; but Captain Low thinks them more analogous to the Birmese; to whose dress, shalts, customs, &c. their own are very similar. Various books have been written in the Shan language, which is little different from the Pall: it is

similar. Various books have been written in the Shan language, which is little different from the Pall: it is written in a character similar to the Birmese. Some of the most striking and venerated Buddhist temples are said to exist in this country. The most noted is that of Nang-rung, N.W. of Zimmal, the cap. of N. Laos. The chief city of S. Laos, Lanchang, is reported to be both populous and comparatively well built. The inhab, assert that they are the stock whence the Siamese sprung, and this the latter do not hesitate to acknowledge. The emigration of the Siamese southward from Laos is conjectured by Captain Low to have been about the year 638. (Low's Hist. of Tenasserim, in Journ. of Royal Asiatic Soc. v. 245—263.; Crawfurd's Embassy to Siam; Hamilton's E. I. Gen., &c.)

LAPLAND, the most northerly country of Europe;

belonging partly to Russia, and partly to Sweden, between lat. 64° and 71° N., and long. 10° and 43° E.; bounded N. by the Arctic Ocean, E. by the White See, S. by Sweden and Finland, and W. by the Atlantic Ocean. Area 150,000 sq. m., about 2-3ds of which belong to Gran. Area 150,000 sq. m., about 2-3ds of which belong to Russia. Pop. vaguely estimated at 60,000, of whom only 9,000 are Laplanders, the rest being Swedes, Norwegians, and Russians. That part of Lapland which lies along the N. shore of the Gulph of Bothnia, is an extensive plain, abounding in immence forests of spruce and Scotch fir; but at the distance of 80 m. from the sea, the ground becomes gradually elevated, and is at last full of lofty mountains, composed chiefly of primitive and transition rocks, very rich in copper, and other metallic ores. These, between the lat. of 67° and 68° 30°, rise to a height of from 5,500 to 6,300 ft., which, in this hyperborean region, is 2,700 ft. above the line of perpetual congelation. These central mountains are the highest in Lapland. The ranges continue all the way to the N. Cape, but decline gradually in height. The principal rivers of Lapland are the Torneo, which, taking its rise in the highest mountains, near lat. 68° 26°, holds a course first S.E., and afterwards nearly S., receiving tributary streams from the right and left, till it reaches the N. extremity of the Gulph of Bothnia, at the town of Torneo. The Kemi, a river almost equally large, rises in the N.E., sows S., and falls into the Gulph of Bothnia, not far from the Torneo. The Lulea and Pites both rise in the mountains of the N.W., in about lat. 68° and 50° 30°, he slope of the ground is N. The Tana, which is the principal river in the N.E., and the Alten, the largest in the N.W., both run into the Arctic Ocean. All these, like the rivers of Switzerland, are comparatively small in winter, and become mighty streams in summer, on the meiting of the snows. Lapland abounds in lakes: that, called Enare, or Indiager, in Russian Lapland, in lat. 66° skierable rivers.

colless; but, in fact, it is milder than that of any other series in July to fact, it is milder than that of any other region under the same parallel. The coasts of Norwegian Lapland and Finmark are free from fee carly in May, whereas the sea of Siberia is never open till the end of July. The climate of one part of the country, also, differs very much from that of another. In the maritime districts, the temperature is pretty amiform: the winters are not severe, but the summers are raw and foggy; while, in the interior, the winter is intensely cold, but the heat of summer is steady and fructifying. The mean annual temperature at the N. Cape (lat. 710 11/ 30") is 6° higher than at Enontekis in the interior (in lat. 68° 30'). Yet, at the latter, the thermometer rises in July to 64°, while at the Cape it seldom reaches 56°. In both, the summer begins in May and ends in September; but in the valleys, among the mountains, corn ripens in the short space of three months. The sun being so many hours above the horizon, the heat is then intense, and the clouds of insects are exceedingly troublesome. The cold of winter, on the contrary, is frequently so intense as to freeze brandy, or spirits of wine; and the rivers in the interior are covered with fee to the depth of several feet. Towards the N., the sun remains or many weeks below the horison in winter, and in summer is as long without setting. During the long night of winter, however, the darkness is relieved by the brightness of the moon and stars, and the vivid coruscations of the aurora borealis. The twilight is also such that, during several hours each day, it is possible teread without a lamp or candie.

The vegetable productions of the maritime and moun-

ruscations of the aurora borealis. The twilight is also such that, during several hours each day, it is possible to read without a lamp or candle.

The vegetable productions of the maritime and mountainous district differ as widely as the climate. In the low country, particularly near the shores of the Gulph of Bothnia, are large forests of spruce, Scotch fir, and other resinous trees; potatoes, turnips, and other vegetables, are cultivated; and roses, carnations, &c., deck the gardens during the brief months of summer. In a colder region the spruce disappears, the Scotch fir being the only tree of that class that braves its severity. It, in its turn, declines in vigour, till it totally disappears; and its place is supplied by the birch, which again yields to the Saliz glassca, a plant unknown in Britain, and peculiar to cold climates. The Rubus Chamaemorus, Rubus arcticus, and other berry-bearing plants, are here numerous, and support even an additional degree of cold; but we arrive soon after at a climate where nothing is to be seen but a few of the hardiest plants, such as the dwarf birch, with the Saliz taponica, Orchis hyperborsa, and other trees and sirubs peculiar to the country. A few mosses still keep their ground; but before reaching the point of perpetual congelation, there is here, as in other countries quite destitute of every species of vegetation, neither plant nor animal to be seen. The rein-deer's lichen is of a bright yellow colour, which, as the plant withers, becomes snow-white; it thrives better near the fir forests

than in the loftier regions of birches, and a plain covered with this moss forms a Lapland meadow. It is the winter food of the cattle, and, when ground, it used as four by the inhab. Rich pastures also are furnished by the bear's moss (Muscus polytricha), which, on account of its softness and elasticity, is made into beds and mattresses, alleged by travellers to be superior to any in Europe. The root of the Angelica, and the stem of the Fonchus, are used as food, and of all the grains barley is that which thrives best; but the potato yields a sure harvest, and, if generally cultivated, might afford sufficient sustenance for the inhabs. The turnip and cabbage, introduced by the Russians, succeed well on the low lands. The best agriculturists are the Finnish colonists, who have raised corn at Alten, in lat. 70°, which may safely be pronounced the N. Ilmit of husbandry; but tillage, generally, is in a very back ward state.

pronounced the N. limit of husbandry; but tillage, generally, is in a very backward state.

Among the animals of Lapland, the rein-deer is the most valuable. It serves as the principal beast of burden; its milk is highly valued; its fleet supplies the chief nourishment of the people during a part of the year; its sinews are made into thread; its horns into spoons, and other domestic utensils; and its skin furnishes a great rart of their dress. The rein-deer bears a great resemblance to the stag, but is much smaller, being in general only four feet in height from the foot to the top of the back, and but two feet long in the body. It is remarkable equally for the elegance of its shape, the beauty of its palmated horns, and the ease with which it supports itself during a long winter of nine months. In summer it feeds on grass, and is extremely fond of the herb itself during a long winter of nine months. In summer it feeds on grass, and is extremely fond of the herb called the great water-horse tail; but in winter it refuses hay, and obtains its whole nourishment from the refundeer moss. It thrives best in the cold dry regions of central Lapland, where numerous herds roam at large the whole Lapland, where numerous herds roam at large the whole year round, under the care of shepherds assisted by dogs. The rein-deer, indeed, form the chief wealth of the natives. The poorer classes have from 50 to 200; the middle classes from 300 to 700; and the affluent often above 1,000 head. The females are driven home morning and evening to be milked, and yield about as much milk as the goat. Horses, oxen, goats, and sheep are common; and in the forests are bears, gluttons, wolves, elks, hares, martens, squirrels, and lemming-rats. Birds of passage arrive in flocks every summer; capercailies, grouse, partridges, and aquatic fowl, are very plentiful near the coast, and lammergeyers and eagles soar nearly to the line of perpetual anow. The rivers are stored with salmon, herring, and other fish; and in July and Aug. Insects ring, and other fish; and in July and Aug. insects abound in such enormous quantities, that Wahlenberg has supposed that their dead bodies serve as an excellent

ring, and other flab; and in July and Aug, fusects abound in such enormous quantities, that Wahlenberg has supposed that their dead bodies serve as an excellent manure for the soil.

The Laplanders, who call themselves Same, are most probably a tribe of Tachoude or Finns, though difference of situation has, in the course of ages, produced a fundamental difference of character. The Finns, an industrious though unpollahed race, were encouraged to form colonies in Lapland about a century ago; and their number has since increased rapidly, while that of the Laplanders has been stationary, perhaps on the decline. Of the 27,000 inhabitants of Norwegian Lapland, there are not, it is thought, above 6,000 Laplanders. They have swarthy complexions, black short hair, wide mouths, hollow cheeks, and long and pointed chins. They are strong, active, and hardy; but they suffer much from disease, and few live beyond fifty. Dishonesty is general among them, and dram-drinking is often carried to a fatal excess. They were not converted to Christianity till the 17th century. Those of the Russian province are professedly of the Greek church, while those subject to Sweden are Lutherans. But not-withstanding the efforts of the missionaries, they are still very ignorant both of the doctrines and duties of Christianity, and retain many heathen superstitions.

The rein-deer Laplanders live either wholly or principally on the produce of their herds, building their rude huts during summer in the moss pastures of the elevated country, and in winter not he level tracts inhabited by other nations; but the flahing Laplanders confine themselves to the banks of lakes and rivers, and catch fish and beavers, which, as well as akins and wenison, they exchange with the Russians and Swedes for spirituous liquors, meal, salt, and tobacco.

The clothing of these half-civilized tribes is abundantly coarse, consisting of a woollen cap, a coat commonly of sheep akin, with the wool inwards, and a great coat, either of kersey, or of rein-deer skin, with the

and aprons of Russia linen or cotton. These, and lea-ther for the boots of the men, are obtained in the petty traffic of the Laplanders with the Swedes. When tra-

LARISSA.

veiling, and exposed to the winter blast, it is customary for the natives to cast a hood over the head, neck, and shoulders, leaving only a small opening, through which they see and breathe.

The language of the Laplanders is a Finnish dialect; but it contains so many obsolete and foreign words, that they are not intelligible by the inhabitants of Finland, nor indeed can the tribes in one part understand the language spoken by those of another. The Laponic has been mixed more than the other Finnish tongues with the German and Scandinavian, and hence its principal roots and derivations bear much less affinity with those in the languages of Upper Asia. (Malle-Brun, Géog. Univ.; Schnitzler, La Russie, p. 606, &c.)

LAR, a town of Persia, cap. of the prov. of Laristan, 130 m. W.N.W. Gombroon, and 182 m. S. R. Shiraz; lat. 27° 30° N., long. 52° 45° E. Pop. 12,000. ? It stands at the foot of a range of hills in an extensive plain, covered with palm trees. The houses generally are commodious and neatly furnished, and there are several handsome public buildings. The governor's house, in the middle of the city, is surrounded by a strong wall, fanked with towers. The bazar, which is in good repair, is alleged to be the best structure of the kind in Persia: it is very ancient, and built on a similar plan to that of Shiras, but on a much greater scale, with loftier arches, greater length and breadth, and superior workmanship. The castle, on the top of a hill, overlocking the town, is now in ruins. Rain-water being the honly water to be found in this parched and arid country, is collected during the wet season in large cisterns, similar to those in the island of Ormus. is collected during the wet season in large cisterns similar to those in the island of Ormuz.

similar to those in the island of Ormus.

Lar was formerly the capital of an Arabic kingdom destroyed by Shah Abbas II. It is at present in a state of decay; but it still manufactures fire-arms, gunpowder, and cotton fabrics, exchanged at Shiras and Gombroon for coffee, sugar, indian silks, and European merchandise. (Kismetr, p. 83.)

LARGS, a bor. of barony, and sea-port of Scotland, co. Ayr, beautifully situated on a bay of the same name, and overhung on the land side by richly-wooded hills, 22 m., dir. dist. by land, W. by S. Glasgow, and 60 m. by water. Stationary pop. 1,300; but in summer, there are sometimes 1,000 visiters at sea-bathing. It has an elegant suite of public baths, with a reading-room and library, and various circulating libraries. Though not built on any regular plan, it contains many excellent and substantial houses. The par. church, with its spire and clock, is eminently conspicuous. Many gentlemen's seeks are in the neighbourhood.

substantial houses. The par church, with its spire and clock, is eminently conspicuous. Many gentlemen's seats are in the neighbourhood.

Largs is celebrated in history as the scene of a great battle, fought in 1253, between Haco, king of Norway, and the troops of Alexander II., in which the former was signally defeated. The cairns and tunnuil, erected by permission of the conquerors, by the Norwegians over their slain, are still visible on the S. side of the village.

LARISBA (Turk. Yenitcher), a town of European Turkey, prov. Trikaia, 25 m. N.W. Volo, and 70 m. E.S.E. Yanina; lat. 39° 52° N., long. 22° 40′ 15″ E. Pop., according to Holland, 20,000, though but little stress can be laid on this statement. It is a walled town, and is situated on the Selembria (an. Penerius), crossed here by a bridge of 10 arches. This river approaches it through be laid on this statement. It is a walled town, and is situated on the Selebabria (an. Paseriss), crossed here by a bridge of 10 arches. This river approaches it through a tract of woodland, almost concealing it from view, and then flows close at the foot of a convent of Derviabes, two large Turkish mosques, and several groups of lofty buildings, soon after disappearing among the woods. The winter floods, which come down from the mountains with great force, frequently occasion great damage to the clay-built houses in the lower part of the town. Internally, Larissa is mean and irregular; near its centre is an open space, having some good bazaars; but the streets are generally ill built, narrow, and filthy; and both houses and people seem to be in the most abject condition. Besides the mosques, there is a Greek metropolitan church; and these, with some baths and a khan, constitute all the public buildings of the place. There is very little trade, and the bazaars are ill supplied with manufactured goods. The plains surrounding Larissa consist of a fine alluvial soil, and are extremely fertile. They produce large crops of Indian con, wheat, and tobacco; and northward are rich sheep extremely fertile. They produce large crops of Indian corn, wheat, and tobacco; and northward are rich sheep pastures. In fact, there wants nothing but good government and good laws to render Larissa and its vicinity industrious, rich, and populous; but no improvement of any kind need be expected under the worn out, imbecile describes of Tunkow 1.

any kind need be expected under the worn out, imbecile despotism of Turkey.

If Holland and Dodwell be correct in their opinion, that the modern Larisas occupies the site of the ancient city of the same name, it is of very high antiquity, claiming, in competition with Phthia, the honour of being the birth-place of Achilles, hence called Larisagma, and being probably identical with the Ilskaryiam Acyse Meyes mentioued by Homer in his catalogue of the Greek forces. (It. B. 691.) At a subsequent period it acquired some celebrity from its adoption of the democratical form of government, and from its sealous support

of the Athenian cause during the Peloponnesian war. (Comp. Aristot. Pol. v. 6., with Thue. ii. c. 32.) It afterwards fell mto the hands of Philip of Macedon and his successors, under whom it remained till the subversion Treetie, 160.) of their empire by the Romans. It appears to have a clined under the early Roman emperors from its ancie importance. Lucan says of it:

(L4b. vi. 1bs. 856.)

The town and neighbourhood were subject in ancient times to the same violent and sudden inundations which now cause such extensive mischief. (Holland's Travels, pp. 2-38—266.; Dodwell's Tour, 1. 100.; Cramer's Greece,

p. 298. 386.; Dotrect's Tour, l. 100.; Cramer's Greece, l. 396.)

LARISTAN, a small prov. of Persia, part of the an. Caramassis, extending along the N. shore of the gulph of that name, between 30° and 30° N. lat., and 55° and 56° R. long., bounded N.W. by Fars, and N. E. by Kerman. Area, i6,000 sq. m. Pop. uncertain. It is the poorest and least productive prov. of Persia, citeralized indeed with plains and mountains, extending to the sea; but se arid and so destitute of wholesome water, that, were it not for the periodical rains, which fill the cisterns of the natives, and enable them to cultivate the date tree, with small quantities of wheat and burley, it would be quite uninhabitable. The coast is in the possession of different Arab tribes, who, under their respective shelkhs, maintain their independence, paying only a triding tribute to the king. They are chiefly pirates by profession, and reside in small towns or med forth seatured along the shore of the Gulph: the chief of these are, Congoea, having about 5,000 inhab.; Nakhlio, opposite the island of Shitwar; and Mogoo, which has one of the most secure roadstead in the Gulph. The interior of the country has not been visited by Europeans. Ler is the cap, which here. (Kinnei's Persia, p. 81.)

p. 81.)

LARNE, a sea-port town of Ireland, co. Antrim, on a creek of the inlet of the sea called Larne Lough, 18 m. N. by E. Belfast. Pop. in 1841, 3,345. It consists of an eld and a new town, and has, bestdes, the parish church, a R. Catholic chapel, 3 Presbyterian, and 1 Methodist meeting-houses, and a national school. A manor-court is held every six weeks, and petty sessions every fortight. It is a constabellary and coast-guard station. It formerly carried on a brisk trade in sait; but its traffic is now chiefly confined to the export of linen, grain, and provisions. These amounted, in 1825, to the value of 65,30M,, of which linen was estimated to make 40,00M. Considerable quantities of lime are also exported. Coal \$6,30%, of which lines was estimated to make 40,000. Considerable quantities of lime are also exported. Coal is the principal article of importation. The harbour is knot-locked, and is an admirable one for the smaller class of vossels, which enter and depart at all times of the tide. Markets on Tuesdays; fairs, on July 31., Dec. 1., and on the first Monday of every month. Post-office revenue, in 1830, 4524.; in 1836, 5184. Abranch of the Belfast bank was opened in 1836. Fish is abundant, particularly macketel, hake, cod, and mullet; salmon is taken near the entrance of the bay. The fishermend on trestrict themselves to the fishing, but are also arriculturists, and go to sea only when there is a project of a large take.

the entrance of the bay. The fishermen do not restrict themselves to the fishing, but are also agriculturits, and go to sea only when there is a prospect of a large take.

LARNICA (an. Citisium?) a sea-port town of the land of Cyprus, on its S.E. shore, at the bottom of the bay of Salines, 23 m. S.E. shore, at the bottom of the bay of Salines, 23 m. S.E. shore, at the bottom of the bay of Salines, 25 m. S.E. shore, at the bottom of the bay of the Marina, is built along the sea shore; the other is a little more inland, and on higher ground. The boune, with the exception of a few belonging to the Frank merchants, are built of mud bricks dried in the sun, and are mean in the extreme; they have mostly, however, very fine gardens, but these being inclosed by high walls, contribute little or nothing to the beauty of the town, as seen from the streets. It is the seat of a Greek bishopric, and m the Upper Town is the cathedral and convent of St. Saviour, and the Lower has a mosque, a convent, the chapel of St. Lazarus, and the remains of a castle constructed by the princes of the House of Lusignan. Being situated on the verge of a marshy plain, screened by high mountains from the cooling induces of the N. winds, and having near it extensive lagoons, which in summer produce large quantities of sait, Larnica is bot, and, at certain seasons, unhealthy. It has no good water, except what is brought to it hw a nousednet constructed.

winds, axis arein fear it extensive lagoons, which in summer produce large quantities of sait, Larnica is bot, and, at certain seasons, unhealthy. It has no good water, except what is brought to it by an aqueduct constructed, in 1747, by a Turkish emir. There is no harbour; but the bay, which opens to the S. B., and derives its name from the sait lagoons, asfords good anchorage in deep water, at no great distance off shore.

Such has been the influence of that rapacious and inclerant despotism under which this noble island has long groaned (see CYPRUS), that Larnica, though so poor and decayed, is now its second city, the emportum of its commerce, and the principal residence of the foreign consuls. The exports consist of wheat, several cargoes of which are exported to Spain and Portugal, with barley, cotton, silk, wine, and drugs; the imports are rice and sugar from Egypt, and cloth, bardware, and colonial produce, from Malta and Smyrna. When Kinneir visited

case. (Kinacir's Asia Minor, &c., 182.; Drummond's Travels, 140.)
Drummond, Pococke, and the Abbé Mariti, concur in opinion that Larnica occupies the site of the ancient Citition; while Kinneir and others suppose the latter to have been near a cape, still called Chitta, a few miles S.W. from Larnica, where there are numerous tumuli and hillocks of rubbish. The probability, however, seems to be in favour of the supposition that the site of Larnica and Cititium are really identical. (Drummond, p. 260.; Clarke, iv. 39. 8vo. ed.)
Cititium was founded by the Phonicians at a very remote period, and will be for ever memorable as the birth-place of Zeno, the founder of the stoical system of hillosophy. Perhaps we may be excused for saying that,

philosophy. Perhaps we may be excused for saying that, not withstanding his error in supposing pleasure and pain to be absolutely indifferent, no system of philosophy has ever been proposed so well fitted as that of Zeno, to inbue its votaries with the purest principles of benevolence, and the most heroic magnanimity.

**Becta full, servare modum, finemque tenere,
Naturamque seçui, patrisque impendere vitan;
Nec abis, sei sei gentiam se credere mando.**
Licas. II. v. 880.**

Cimon, the great Athenian commander, either died at the siege of Cittlum or immediately after he had taken it. The epoch of the destruction of the city is un-

the stere of Cittium or immediately after he had taken it. The epoch of the destruction of the city is unknown.

LASSA, or H'LASSA (Lond of the Divine Intelligence), a city of the Chinese empire and the cap. of Thibet, prov. Out, 350 m. B. by N. Katmandoo, the cap. of Nepaul; lat. 29° 30° N., long, 91° 40° E. Fop. uncertain, but conjectured to be about 24,000. It is situated on the Galdjao, a tributary of the Sanpo, about 28 m. from its confluence with that river, in an extensive and fertile plain about 60 m. long and 35 m. broad, surrounded by lofty mountains. It is not walled, but its streets and houses, towers, beasars, and handsome detached residences, indicate its importance comparatively at least, with other towns of the kingdom. The houses are built of a brown stone, are two or three stories high, with olerably lofty rooms, and, though somewhat grotesque, give the idea of wealth and respectability. The great temple of Buddha, which is likewise the residence of the Dalai Lama, the pontifical sovereign of Thibet, stands on the hill Botta-la, in the W. part of the city, and consists of an extensive range of aquare-shaped buildings, crowned in the centre with a gilded dome, and occupying altogether an area of about 40 begals. It comprises, according to the Chinese geographers, 10,000 apartments, varying in size and grandeur according to the supposed dignity of the idola which they respectively contain. Contiguous to the temple, on its four sides, are the four celebrated monasterics of Brephung, Sera, Ghaldan, and Samyit, alleged to be inhabited by upwards of 4,000 monks, and much resorted to by the Chinese and Mongols as schools of philosophy and Buddhism. In and near the city are five other temples, built on the same general plan, but very inferior in size and splendour to that just described. Lassa, besides being the resort of realous Buddhists from all parts of China, Turkestan, Nepaul, &c., is a place of considerable trade in silk, wool, and goats' hair, woollen cloths and cashmeres, velveta, linens, asa

randicrat is much followed, and with great success; and the lapidaries, workers in metal, and engravers are not inferior to the Chinese. (Ritter, Erdkunde von Asien, ili, p. 237-251.; Rennell's Hindoston, p. 306.; Hamilton's Gaz.)

LATAKIA, or LADIKIEH (an. Laodicca ad more), a town of Syria, in the pach. of Aleppe, 90 m. 8. W. Aleppo, and 74 m. 8. by E. Iskenderoon; lat. 330-30'80' N., long. 350-48' E. Pop., according to Mr. Consul Moore, 5,000; but, according to Mr. Barker, 10,000. (Bouring's Report on Syria, p. 114.) The town comprises an upper and a lower part, separated by gardens and plantations. The lower portion, called the Scela, consists of a double street, running parallel to the shore, and another leading down to it from the upper town, having coffee-houses, and places of resort for seafaring people. The port is a small shallow basin, with a narrow entrance, and well sheltered, except westward: on its N. side is a rulned castle, standing on a rock connected by arches with the main land; and at the E. end are the custom-house, landing-place, and several large warshouses. The upper town which is the area dilustic. are the custom-house, landing-place, and several large warehouses. The upper town, which is in a very dilapi-

^{*} The reader who wishes for further information with respect the Blokes, will do well to r. fer to Smith's More' Scatiments, part vil. sect. ii. cap. i.; and to the Esprit des Lois of Monteogries, iv. axiv. cap. 10.

dated state, in consequence of the damage occasioned by frequent earthquakes, consists of several narrow and irregular streets: the houses are constructed of cut stone, flat-roofed, usually two stories high, with an inner court. The greatest ornament of the place is a triumphal new belowing 300 and 400 to height energied near its court. The greatest ornament of the place is a triumphal gate, between 30 ft. and 40 ft. in height, encircled near its summit by a handsome entablature: its four arches are in the Roman style of architecture, and, as the general appearance of the building denotes great antiquity, it was probably erected in honour of Julius Cesar, or, perhaps, Germanicus. (Kissecir.) The corners are adorned with handsome Corinthian pilasters; and one of its fronts exhibits a basso-relieve, with arms and martial terrorical control of the contro

instruments.

At no great distance is a mosque, built from the ruins of another ancient edifice, with Corinthian columns; and amidst the rocks and crags N. of the town is a large necropolis, containing numerous square sarcophagi, similar to those seen in the island of Milo. There are 3 other mosques and 2 Greek churches. The bazaars are poor and insignificant; and the only considerable article of trade is tobacco, raised near the town in large quantities, and highly prized all over the Levant, and at Constantinople. It pays a duty on being reaped of 34 plastres per cantar, and of 3 plastres per cantar on exportation. portation.

portation.

The produce of cotton, in the Latakia district, is not usually more than sufficient for the consumption of the country; but when it exceeds it, the excess is exported to the French and Italian ports, the average price being 1,200 plastres per cantar. Bees-wax, scammony, and sponge, are the other chief articles of export. The imsponge, are the other chief articles of export. The imports comprise sugar, coffee, spices, cotton twist, and printed goods, woollen cloths, shawls, and tin. The trade of Latakia, however, is much restricted by the badness of its port, which is so choked up with mud and sand as to be inaccessible to vessels of more than 100 tons burden. Subjoined is an account of the number and tonnage of the vessels, and the value of their cargoes, that entered and left the port of Latakia in 1836, 1836, and 1837.

		Arrived	•		Departed.		
Years.	Ships.	Tonnage.	Value.	Ships.	Value.		
1835 1836 1837	102 106 91	11,157 12,332 10,216	<i>L.</i> 105,860 121,947 92,925	96 102 93	10,440 11,647 10,447	L. 55,878 29,715 39,732	

Latakia is the representative of the ancient Laodica, so named by its founder, Seleucus Nicator, in honour of his mother, and was a town of considerable importance before the conquest of Syria by the Romans. It was visited by Julius Casar when on his way from Egypt to visited by Julius Casar when on his way from Egypt to Pontus, and is styled Juliopolis on some of its medals. During the civil wars, Dolabella, with his fleet and army, was shut up in it by Cassius, and obliged to surrender. It became a bishop's see early in the Christian æra, and was held by the Christians when the crussders invaded Syria. It was afterwards included in the empire of Salvelin and the control of the control Syria. It was afterwards included in the empire of Saladin, and was finally added to the Turkish dominions by Sellm I., in 1517. The ruins of the ancient city fully attest its size and grandeur, and offer ready building materials to the modern inhab. The acropolis stood on a tabular summit S.B. of the town; but nothing remains of it beyond a few wells and cisterns. (Kinnerir's Asia Missor, p. 163—163.; Ottsier, Voyage en Syrie, &c., iv. 133: Sourring's Report.)

Minor, p. 163-169.; (Niver, Voyage en Syrie, 2c., 1v. 133.; Bouring's Report.)
LAUBEN, or LUBEN, a town of Prussian Silesia, gov. Liegnits, cap. circ. of its own name, on the Queis, 40 m. W.S.W. Liegnits. Pop. 5,640. It is surrounded with old walls, and garrisoned by invalids. It is the seat of judicial courts for the town and circle; has a Rom.

with old walls, and garrisoned by invalids. It is the seat of judicial courts for the town and circle; has a Rom. Cath. and three Protestant churches, a gymnasium, an orphan asylum, two hospitals, a school for teaching the art of spinning woollen yarn, and some trade in woollen and linen fabrics. (Vos Zeditis; Berghaus.)

LAUDER, a royal and parl. bor. and market-town of Scotland, co. Berwick, distr. of Luderdale, of which it is the cap., near the Lauder, a tributary of the Tweed, on the line of road between Edinburgh and Coldstream, 24 m. S. E. of the former, and 23 m. N. W. by W. of the latter. Pop. (which has long been stationary), 1,148. The only public buildings are the par. church, a dissenting chapel, the town-house, and gaol. Thirlstane Castle, the ancient residence of the noble family of Lauderdale, is within \(\frac{1}{2}\) m. of the town. It has a branch bank, various schools, and subscription libraries. A common, comprising 1,095 acres, is divided among the burgesses. In 1482, Cochrane and other minions of James III. were hanged by order of the Earl of Arran, and other noblemen, over the parapet of a bridge in the vicinity of this town. Lauder unites with Haddington, Dunbar, Jedburgh, and N. Berwick, in sending one mem. to the H. of C. Registered electors, in 1849-50, 56.

LAUENBURGS, a town of the Danish down, can of 50, 56. LAUENBURG, a town of the Danish dom., cap. of

the duchy of same name, on the Elbe, 28 m. S.E. Hamburg. Pop. about 3,400. It has the ruins of a castle formerly occupied by the dukes of Saxe Lauenburg, a church, an hospital, and a large market-place. A brisk transit trade is carried on between the Elbe and Lubeck than the third transit trade is carried on between the Elbe and Lubeck. through this town, which is also a station for collecting tolls on the Ribe, amounting to between 40,000 and 50,000 rix-dollars a year. (Horschelmann's Stein, i. 524.;

50,000 rix-dollars a year. (Horschelmann's Stein, 1. 524.; Berghauss.)

LAUNCESTON, a parl. and mun. bor., market town, and par. of England, co. Cornwall, in the N. division of hund. Bast, on the Attery, a tributary of the Tamar, 19 m. E.N.B. Bodmin, 20 m. N.N.W. Plymouth, and 300 m. W. by S. London. Pop. of parl. bor. (which comprises, besides the old bor., the parishes of St. Stephen, St. Thomas, Lawhitton, and S. Petherwin), in 1841, 6,700. The town consists of two chief avenues on the London and Tavistock roads, intersecting each other almost at right angles, crossed by several narrow and mean-looking streets. It was formerly surrounded by walls, parts of which, with 2 gates, are yet standing. The ruins of an ancient castle cover a large extent of ground, and attest its former strength and importance. A part of its keep was once used as a county gao; but The ruins of an ancient castle cover a large extent of ground, and attest its former strength and importance. A part of its keep was once used as a county gaol; but the prisoners are now sent to Bodmin, which has been the assize town since 1838. A small guildail is the only public building devoted to civil purposes. The church, a handsome Gothic structure built of granite blocks, enriched with curiously carved ornaments, has a lofty tower at its W. end; the living is a curacy of the yearly value of 1164. There are places of worship also for Wesleyans and Baptists, with attached Sunday schools. A grammar school, founded by Queen Elizabeth, has, according to the charity commissioners, fallen into a state of decay, there having been no master since 1821. Baron's charity school is in nearly as useless a condition, and the only place of instruction for the poor is the national school, attended by about 260 children. Numerous money charities are chiefly distributed by the corporation. This is neither a manufacturing nor a commercial town. Serge-weaving and wool-spinning formerly employed a considerable number of hands; but the trade has wholly disappeared. The removal of the assizes and quarter sessions has, also, deprived the town of much of its activity, and it now depends chiefly on its retail trade and on its markets, which are large and well attended. Market-day, Saturday. Cattle fairs, first Thursday in March, third ditto in April, Whit-Monday, July 6., Nov. and Dec. 6. and Dec. 6.

Launceston, otherwise called Dunkeved, received its first charter from Richard, Earl of Cornwall, in the 13th century, and its privileges were confirmed by Richard II., and many subsequent sovereigns. It is governed under the Mun. Reform Act by 4 aldermen and 12 councillors; but it has no commission of the peace. Corp. revenue, in 1847-48, 1301l. Launceston returned 2 mems. to the H. of C. from the 23d Edward I. down to the passing of the of C. from the 23d Edward I. down to the passing of the Reform Act, which deprived it of one member. Pre-viously to this act, the mems, though formally elected by the corporation, were, in fact, mere nominees of the proprietor, the Duke of Northumberland. Besides de-priving it of I mem., the Reform Act enlarged the limits of the bor., as stated above. Reg. electors in 1843-50.

of the bor., as stated above. Reg. electors in 1849-50, \$67.

LAURENCE, or LAWRENCE (St.), the principal river of N. America, and, when considered, as it should be, in connection with the chain of lakes or inland seas of which it is the outlet, it is one of the largest rivers in the world, extending from W. to E., through about 37° of long., and about 8° of lat. Regarding then the St. Laurence, in this point of view, or as a general name for the connecting line of that great river or water system that unites with the Atlantic in the Gulph of St. Laurence, its remotest source will probably be found to be the St. Louis, an affuent of Lake Superior, rising in the table land of the Huron country, near the sources of the Mississippi, flowing S., and of the Red River, flowing N. It receives different names in different parts of its course, being, as already seen, at first the St. Louis; between Lakes Huron and Erie, the St. Clair and Detroit; between Lakes Erie and Ontarlo, the Niagara; and from Ontario to Montreal it is sometimes called the Cataraqui or Iroquois, its course from Montreal to the sea being the St. Laurence, excessive and late with the area to the St. it is sometimes called the Cataraqui or Iroquois, its course from Montreal to the sea being the St. Laurence, properly so called, but it is now usually called the St. Laurence from Lake Outario to the sea. Considered in this point of view, its entire course, from its source to its mouth in the Gulph of St. Laurence, in about long. 64° 30′ W., may be estimated at upwards of 2,000 m. Besides traversing Lake Superior, Huron, Erie, and Ontario, the Lake St. Clair, and some similar sheets of water, are more enlargements of its bed. Lake Michigan also is included in its basin, which is roughly estimated by Darby to comprise an area of upwards of 500,000 sq. m., including the largest collection of fresh water to be found on the surface of the globe. (Darby's Geogr. View, Rc., 200, 201, 218, 231.) For considerably more than half its extent, the St. Laurence forms the boundary line between the British N. American territories and those of the U. States.

the U. States.

The source of the St. Louis is estimated at about 1,132 ft. above the sea level. (Darby, 301.) The elevation of the river in succeeding portions of its course, with the estimated area of the great inland seas and smaller lakes, of which it is the connecting link and sunlet, are exhibited in the following table:—

	Elevation above tide level.	Mean depth.	Menn length.	Most; breadth-	Area	
Lake Superior Huron Michigan -	Frd. 641 596 600	First. 900 900	Miles. 300 200 700	Miles. 80 93	Sq. milius. 34,000 19,000 15,000	
- Erie - Ontario River St. Lourence	231 231	120 492	230 150	35	8,050 5,400	
and smaller Lakes		20.	* *	1500	1,500	
Total water sur-		200	1.3	- 42	72,930	

The St. Learence varies very considerably in breadth, in the middle part of its course inclosing a great many islands, and forming numerous rapids. In those parts of St. Marry, St. Clair, Detroit, and Niagara rivers, where no large islands are met with, the breadth of the stream is usually from § m. to 2 or 3 m. At the Sault of St. Louis, 8 m. above Montreal, the river narrows to 8 furless; and at Quebec, it is not more than 1,314 yards across; but between those cities its average width is 2 m. From Quebec, the breath of the St. Laurence begins to increase rapidly. Immediately beyond the island of Orleans it is 11 m. broad; where the Saguenay joins it, 8 m.; at Point Peles, upwards of 30 m.; at the Bay of Seven Islands, 70 m.; and at the island of Anticosti, about 250 m. from Quebec, it rolls a flood into the ocean meanty 100 m. across.

leans it is 11 m. broad; where the Saguenay joins it, 18 m.; at Point Pelee, upwards of 30 m.; at the Bay of Seven Islanda, 70 m.; and at the island of Anticotti, about 260 m. from Quebec, it rolls a Sood into the ocean nearly 160 m. across.

The basin of the St. Laurence is supposed by Darby to constain "more than the half of all the fresh water on this planet!" Taking the area, mean depth of the lakes, &c., as given above, their solid contents will amount to 1,847,011,792,860,000 cubic ft. of water, being sufficient to envelope the entire earth with a watery covering 3 in. in depth. (Darby, p. 232.)

The amensal discharge, however, though prodigiously great, does not, from the nature of the basin, bear so considerable a proportion to the contained body of Raid as might, perhaps, have been expected. Darby, frum observations made at three different places, estimated the hourly discharge at the enormous amount of 1,672,704,000 cubic ft. This estimate, continues Darby, "exceeds by more than a half the quantity which, on another occasion, I estimated for the Mississippi; and though contrary to my own opinion when I first arrived on the banks of the St. Laurence, I am convinced it falls below reality." (Geogr. View, 232.)

The source of the St. Laurence, I am convinced it falls below reality." (Geogr. View, 232.)

The source of the St. Laurence and of the river will, perhaps, be somewhat more than 6 inches a mile. But this fall is very unequally distributed, on account of the many, and in one instance stupendous, cateracte, rapids, &c. intersperved along the river's course. The Niagara, between Lakes Erie and Ontario, has within the short distance of 38 m. a descent of at least 201 ft., 164 of which are contributed by the Great Falls. The St. Mary, between Lakes Superior and Haroa, has a fall of 38 ft. in 900 yards; and the rapids are so numerous and dangerous between Kingston and Montreal, that an extensive line of canal navigation has been cut, at a vast expense, to connect Lake Ontario with the Ottawa, and enabl

LAURENCE (ST.), GULPH OF. 143
numerous channels; the St. Lawrence, on the contrary, consists, in great part, of a chain of vast lakes; as its bed cellarges, it has shelving or precipitous banks, generally covered with primeral forests; and, instead of a delta, it forms at its mouth a large sestuary.

The St. Lawrence is the great commercial thorough-fare of our Canadian provinces, and the northern states of the American union. Its banks, and those of its lower lakes, are studded with flourishing cities and towns, as Quebec, Montreal, St. Francis (Three Rivers), Cape Vincent (Kingston), Toronto, Buffalo, Oswego, &c., and others are daily springing into existence. The rise of the title is perceptible as high as Three Rivers, 432 m. up the St. Laurence, and nearly midway between Quebec and Montreal. The river is navigable for ships of the line to Quebec, and for ships of 600 tons to Montreal, 580 m. from the sea, though the navigation be in some places obstructed by rocks and shoals. Beyond the laiter point, however, a succession of rapids, especially between Cornwall and Johnston, unfits it for the navigation of other than flat-hottomed boats of from 10 to 15 tons. Further tup, Ontario and Erie are navigable for ships of the largest size, as is the Niagara River, both above and below the falls. The falls of Niagara are avoided by the Weiland canal, a work undertaken by a company incorporated in 1835. This canal, into the formation of which the Oues, Welland, and Chippeway rivers enter, is 435 m. in length, 56 ft in breadth at its surface, and 36 ft. at its base, 81 ft. in geth and has 37 wooden locks, 10 ft. long, 22 ft. wide, and capable of admitting ships of 125 tons. Detroit vier is no more than 7 or 8 ft. in depth, and the lake and river of St. Clair are navigable only for steamboats and schooners; but beyond this, a wide navigation for ships of any magnitude extends nearly to the falls of St. Mary are generally avoided by a portage of 2 m.

It is thus seen that there is a continued navigation for these falls

The falls of St. Mary are generally avoided by a portage of 2 m.

It is thus seen that there is a continued navigation for vessels of medium burden from the head of Lake Huron to Kingston on Lake Ontario, and from Montreal to the mouth of the St. Laurence. The water communication between Kingston and Montreal is effected chiefly by a chain of canala, the principal being the Rideau canal, constructed by the Canadian, or rather the English gov., connecting Lake Ontario with the Ottawa. Rideau river and lake, the Indian lake, and the Little Cataraqui, form parts of its course. It admits vessels of about 125 tons. The Grenville and La Chine canals, with the Ottawa, continue the communication to Montreal; the Grenville canal is, however, only adapted for vessels not exceeding 90 ft. in width. On the side of the U. States, the Grand Erie, Oswego, and Champiain canals (see New York, Erik, Laker, &c.) unite the basin of the St. Laurence with the basins of the Hudoon and Susquelanna; as the Ohio and Pennsylvania canals (see Ohio, Pennsylvania) do with the basin of the Mississippi. A canal line has been proposed in Upper Canada between Lakes Huron and Ontario, by which an easy and direct navigation of lensthan 200 m. might be substituted for one that is round-about and often difficult, of between 600 and 700 m. Few many propersed so of the kind would looking at the many interpretars of the kind would looking at the many canada canala content of the proposed of the content of t about and often difficult, of between 600 and 700 m. Few improvements of the kind would, looking at the map merely, appear to be more advantageous and casily effected; but, in point of fact, a height of 387 ft. would have to be surmounted in a short distance by the canal;

have to be surmounted in a short distance by the canal; and we therefore incline to think that the project is at least premature, and should be postpoused till the province be richer and better able to bear the expense. Strong tides prevent the St. Laurence being covered with compact kee below Quebec; but the enormous masses driven in every direction by the winds and currents render that portion of the river unnavigable for nearly half the year. Between Quebec and Montreal the water communication is totally suspended by the frost from the beginning of Dec. to the middle of April. The navigation of Ontario closes in Oct. During the whiter the N.K. part of that lake, from the Bay of Quintot to Sackett's Harbour, is frozen across, and the rest of its surface is usually frozen to a considerable distance from the shore. Lake Erie is not so much encumbered with ice as Lake Ontario, while Lake: Huron and Michigan are more encumbered. On Lake Superior the lee is said to extend to 70 m. from its shores. The frost, however, by no means stops commercial intercourse, but forms the by no means stops commercial intercourse, but forms the givers and lakes into excellent roads, on which vehicles rivers and lakes into excellent roads, on which vehicles of all descriptions are used. Among these are ice-boats, built like other vessels with a rudder, mast, sail, &c., and resting on iron skates attached at either end to cross-hars under stem and stern. One of these ice-brasts has, it is said, saited before the wind from Toronto to Fort George on Niagara, a distance of 40 m., in little more than three quarters of an hour 1 (Darby, Geog. View, &c., St. Laurence Basin, pp. 200—201.; New York Gen., 11-36., &c.)
LAURENCE, or LAWRENCE (ST.), GULPM OF, a bay of the Atlantic, chiefly between the 40th and blist

deg. of N. lat., and the 57th and 65th of W. long, bounded N. by Lower Canada and Labrador, E. by Newfoundland, S. by Nova Scotia and Cape Breton, and W. by New Brunswick and the peninsula of Gape (Lower Canada). At its N.W. extremity it receives the river St. Laurence; and it communicates with the ocean on the N.E. by the Strait of Belle-isle, between Labrador and Newfoundland, on the S.E. by its principal outlet, the channel called St. Paul's, between Newfoundland and Cape Breton, and on the S. by the Gut of Canso, between Cape Breton and Nova Scotia. It contains the large islands of Anticosti and Prince Edward; and the Magdalon Islands, a group about lat. 470 30°, and between long. 61° 27° and 62° Wr, inhabited by perhaps 1,000 Canadian, French, English, and Irish settlers, who carry on a profitable fishery. The shores of the gulph are generally precipious, barren, and inhospitable; and dense fogs are very prevalent. A powerful current sets continually from Hudson's Stratinto the gulph, through the Strait of Belle-isle, and meeting the stream from the setuary of the St. Laurence forms a dangerous race off the S. coast of Newfoundland. (Purdy's Memoir of the Atlantic, pp. 105.

14.1: Energe. Amer.)

LAUSANNE. a city of Switzerland, cap. canton of

foundland. (Purdy's Memoir of the Atlantic, pp. 108. 144.; Eng.c. Amer.)

LAUSANNE, a city of Switzerland, cap. canton of Vaud, at the termination of a spur from the chain of the Jura, being, according to Ebel, 480 ft. above the level of the Lake of Geneva, from the N. shore of which it is about 1 m. distant, and 30 m. N.E. Geneva: lat. 469 31' N' N., long. 69 47' 22' E. Pop. 14,126. It is finely situated on three eminences, and their intervening valleys: but, from being on nueven ground, its streets. anely studied will the eminences, and their live standy valleys; but, from being on uneven ground, its streets are steep and irregular; they are also generally narrow and ill paved, and the interior of Lausanne by no means corresponds with its exterior appearance. It is divided and ill paved, and the interior of Lausanne by no means corresponds with its exterior appearance. It is divided into 6 quarters, the city and 5 suburbs, and is now an open town, but on its 3. side are some remains of ancient walls. At the highest point of the city is the castle, a massive square building of stone, fianked at its angles by four brick towers. It was originally the residence of the bishops of Lausanne, but is now the council-house of the castle, it he terrors and that of the achieval commands. four brick towers. It was originary, we research or bishops of Lausanne, but is now the council-house of the canton: its terrace, and that of the cathedral, commands magnificent views of the vicinity, the lake, and, far beyond, the stupendous mountains of Savoy. The church formerly the cathedrai, a vast Gothic building, founded about 1000, but not finished till the 13th century, is certainly the finest religious edifice in Switzerland. It has two large towers, one supporting an elegant spire, the summit of which is 240 ft. above the ground, and a fine round window of stained glass, 30 ft. in diameter: in its interior are some singular specimens of architecture; and amongst others the tomb of Amadeus VIII., duke of Savoy. This personage, after abdicating the dukedom, which he had greatly enlarged, and governed with singular ability, was elected pope, by the title of Felix V, under which name he is best known in history. But another pope having been elected, about the same time, va different party in the church, Felix, to terminate the another pope having been elected, about the same time, by a different party in the church, Felix, to terminate the schism, resigned the tiara in 1449. He died within two schism, resigned the tiara in 1449. He died within two years of this event. (See Biographic Universalle, art. Sasole, Amé VIII.) The church of St. Francis; the cantonal college, with a library and museum, comprising collections of antiquities and minerals found in the neighbourhood; the bishop's palace, now appropriated to a school of mutual instruction and the district prison;

to a school of matual instruction and the district prison; the cantonal hospital, a fine edifice in the Tuscan order; the lunatic asylum of Champ d'Air; the new peniter-tiary, established in 1822, and organised like that of Philadelphia; the barracks, theatre, charity schools, and post-office, are the other chief public buildings.

Lausanne will be ever famous in literary history, from its having been the residence of lialler, Tissot, Voltaire, and Gibbon. The house occupied by the latter, and in which he wrote the last half of his immortal work, is still in good preservation, and is the grand object of attraction to all travellers to Lausanne. "It was here." to borrow the beautiful passage the grann object of attraction to an invarience of Lauranne. "It was here," to borrow the beautiful passage in which Gibbon has perpetuated the memory of the event, "it was here, on the day or rather night of the 27th of June, 1787, between the hours of 11 and 12, that I wrote the last lines of the last page, in a summer-house I wrote the last lines of the last page, in a summer-house in my garden. After laying down my pen, I took several turns in a berreau, or covered walk of acacias, which commands a prospect of the country, the lake, and the mountains. The air was temperate, the sky was serene, the sky was serene, and all nature was silent. I will not dissemble the first emotions of joy on recovery of my freedom, and, perhaps, the establishment of my fame. But my pride was temperated over my mind, by the idea that I had taken an everlasting leave of an old and agreeable companion, and that whatsoever might be the future date of my history, the life of the historian must be short and precarious." When laglis visited Lausanne a few years ago, the library of the historian is said to have been complete, but it has, we believe, been dispersed in the interval. Voltaire, pre-

viously to his settling at Ferney (which see), lived at Monrepos, a little distance from Lausanne, on the Bern road; and Byron wrote his "Prisoner of Chillion" at Ouchy, the port of Lausanne, on the Lake.

Lausanne is now, as in the days of Gibbon, distinguished by its good society, and is in all respects a desirable place of residence for those who are neither anxious to be rich, nor ambitious of political distinction. "I noticed," says inclied "many new house secreting, and year few old or residence for those who are flettler anxious to be fich, nor ambitious of political distinction. "I noticed," says Inglis, "many new houses erecting, and very few old houses to let. The inhab, too, are steadily on the increase; and the number of resident strangers is also residence than Lausanne; but no one, perhaps, where education is cheaper or better. House rent is decidedly lower in the neighbourhood of most English provincial towns than here; but the prices of provisions are lower than in England. The inns are extremely good, and not excessively expensive; and at the principal tables d'Able the traveller will find an excellent and even elegant repast. There are, besides, several good coffee-rooms, where the best French and Swiss papers are regularly received." (Swinzerland, &c., p. 170.) There are, also, several public baths and libraries, and a chapel, in which the English as well as the Lutheran and Rom. Cath. service is performed. A steamer, salis daily from Ouchy service is performed. A steamer sails daily from Ouchy to Geneva, and the E. end of the lake.

to Geneva, and the E. end of the lake.

Lausanne is the seat of the superior courts of justice, and authorities of the canton of Vaud, of the councils of health and public instruction, the inspector of militian and military commandant of the canton, &c. It has an academy, with 14 professors, founded in 1837, a college for the French language, with schools of military science, horsemanship, and drawing, and numerous literary societies. Its manufactures are of little importance. Woollen cloths, paper, leather, and a few other articles, are made, but in small quantities. The celebrated actor, John Kemble, is buried in the cemetery of St. Pierre, about 2 m. from Lausanne, where a monument is erected to his memory.

about 2 m. from Lausanne, where a monument is erected to his memory.

Lausanne derived its name from the an Lausansansum, which stood a little to the W., in the plain of Vidy. Various Roman remains have been discovered there and elsewhere in the vicinity. Before the Reformation, Lausanne was a rich bishopric. It was taken in 1836, by the Bernese, and governed by an officer from Bern till 1798, when it fell into the hands of the French, who made it the cap. of the dep. of the Leman. (Bbel, Massell Suisse, pp. 339–34b, ; Inglis's Switzerland, il. 84.)

LA VAL a town of France. dec. Mavenne, of which it

sue! Suisse, pp. 339—340.; Inglis's Switzerland; il. 84.)

LAVAL, a town of France, dep. Mayenne, of which it is the cap. on the Mayenne, and on the high road from Paris to Brest, 150 m. W. S.W. the former city, and 42 m. E. Rennes. Pop. (1846) 15,484. The town-proper is on a steep declivity on the W. bank of the river, across which it communicates with a suburb of about half its own size by 2 stone bridges, one built within the last 16 years. Laval "office on général qu'un somus confus de vicilles maisons, ésperées peur des rues moires, excarpée, étroites, et tortueuses. (Dict Géog.) But though ill built, Hugo says it is well paved. It is surrounded with old walls, parts of which are in good repair; and coatains many antiquated buildings, among which is the châlcau, formerly the residence of the dukes of Laval, with a ponderous round tower, now serving for a prison. Many of the private houses have stood for centuries, and are curious specimens of Gothic architecture, though chiefly built of timber. The church of the Trinity, on the site of a former temple of Jupiter, those of des Cordiers and St. Venerand, and the new linen hall, are handsome edifices; but the prefecture, town-hall, theare, and most of the other public buildings, are of a very ordinary description. It is the seat of tribunals of original jurisdiction and commerce, and has two hospitals, a communal college, a public library with 10,000 vols., and a Trappist convent. It has considerable manufactures of linen stuffs and thread, with fabrics of cotton handkerchiefs, calicoes, flannel, &c., numerous bleaching grounds, tanneries, and marble works. It is also the enfactures of linen stuffs and thread, with fabrics of cotton handkerchiefs, calicose, flannel, &c., numerous bleaching grounds, tanneries, and marble works. It is also the entrepot for the linen fabrics and yarn made in the adjacent cantons; markets being held in it every Saturday for such goods, and for wines, brandy, timber, iron, wool, &c., in which it issa a considerable traffic. Laval was founded by Charles-le-Chauve, in the 9th century, to arrest the incursions of the Bretons. It was taken by Earl Talbot in 1466, but retaken by the French in the succeeding year. It suffered greatly in the Vendean war at the close of last century. (Hugo, art. Magnesse; Guide du Voyageus, &c.)

ance, it was taken in 1211 by Simon de Montfort, by whom it was treated with the utmost barbarity. (Hugo,

whom it was treased with the utmost berbarity. (Hugo, art. Term.)

LAVEN HAM, or LANHAM, a merket town and paref England, co. Suffolk, hund. Babergh, 15 m. W.N. W. Ilpawich, and 57 m. N.E. London. Area of par., 2,900 acres. Pop., in 1831, 2,107. The town, on a branch of the river Bret, in a valley encompassed by hills on all sides except the S., comprises several small streets, with a spacious market-place, having a stone cross in its centre. The church, which has a steeple 142 ft. high, is a handsome structure, partly of freestone, but partly, also, of curious inlaid fint-work: the porch is of highly ornamental architecture, and the timber ceiling and several pews in the interior are exquisitely carved, somewhat in the style of Henry VII.'s chapel in Westminster Abbey: the living is a rectory in the patronage of 'Caius College, Cambridge. There are also places of worship for Westmander of the decided and independents, with attached Sunday schools. The charities comprise a free school, founded in 1647, and endowed with about 211. a year, some almahouses, and minor bequests for the poor. Lavenham had formerly a considerable business in the weaving of blue cloths, serges, and other woollen stuffs; here the has fallen to deave and has been replaced. Lavenham had formerly a considerable business in the weaving of blue cloths, serges, and other woollen stuffs; but this has fallen to decay, and has been replaced of late years by the manufacture of hempen cloth, which here, as well as at Havenhill, employs a considerable flumber of hands. Lavenham is a bor, by prescription; and land within the manor descends to the youngest son, according to the custom of borough-English. It is one of the polling places for the co. Markets small and ill-attended, on Tuesday. Fairs for butter and cheese, Shrove-Tuesday and Oct. 10.

LA VORO (TERRA DI), a prov. of S. Italy, in the kingdom of Naples, which see.

LAYBACH (Germ. Lablach, Illyr. Lublena, an. Emonas), a city of the Austrian dom., cap. Illyria, and of

Shrove. Tuesday and Oct. 10.

LAVORO (TERRA DI), a prov. of S. Italy, in the kingdom of Naples, which see.

LAYBACH (Germ. Leibach, Illyr. Leibisma, an. Essone), a city of the Austrian dom., cap. Illyria, and of the circ. of the same name, comprising the duchles of Carinthia and Carniola, in which latter Laybach is situated, on the navigable river of the same name, a tributary of the Save, 80 m. S. W. Grats, 72 m. E. S. E. Agram, and 54 m. N. E. Trieste. Lat. 460 1/48" N.; long. 144 46 40" E. Pop., in 1838, 13.079 (Berghess), comprising Germans, Italians, Illyrians, and Greeks. Laybach consists of the town-proper, 5 suburbs, and 3 adjacent hamlets. The town is situated on uneven ground, and has narrow and irregular streets, several of which, however, are well paved, and have foot paths, while most of them are kept clean by running streams. Though Ill laid out, Laybach is tolerably well built; and has several handsome public edifices, among which see the cathedral, St. James's church, and that of the Ursuline nums, the Gothic town hall, the lyceum, to which an agricultural garden is attached; the theatre, masquerade-hall, barracks, military school, Auersperg palace, &c. The town is grouped round the castle hill: the castle being now converted into a house of correction, and state prison. Laybach has, in all, 10 churches, 2 hospitals, 2 convents, a gymnasium, a female school, a normal school, an ecclesiastical seminary, and erpham, lumatic, and other asyluma. It is the see of a bishop, and the seat of the government of the circ, and of criminal, commercial, and mining tribunals for the prov., town, and district judicial courts, the board of tells, sait duties, and customs for the kingd. of Illyria, the agricultural society of Carniola, the museum for the deachy, a philharmonic society, &c. It has 2 large sugar-refineries, and fabrics of linen stuffs, porcelain, paper, leather, &c. its silk and woollen manufactures have fallen into decay. A considerable transit trade is carried on between Laybach and Trieste, Croa

In part of stone, but in general of large unburnt bricks, whitened outside with lime. The roofs are flat, and like the ceilings, formed of small trunks of poplar trees, above which a layer of willow shoots is laid, covered by a coating of straw, and that again by a bed of earth. They constitute a very insufficient defence against the weather, as during rain the water soon softens the earth, a coating of straw, and that again by a bed of earth. They constitute a very insufficient defence against the weather, as during rain the water soon softens the earth, and pours down into the apartment. The rooms, though frequently of good size, are rarely above 7 or 8 ft. high, and unprovided with chimneys, though in the kitchen there is sometimes a square hole, which acts as an imperfect ventilator. The doors are made of planks of poplar mortised togyther: iron nails are rarely used, as they are too costly, the iron ore of the country being little wrought for want of fuel. A few ferts and sheep-skins, and a bench or two with a large box, constitute the principal articles of furniture. The temples are built of the same materials as the houses, and pillars of timber, like those in private dwellings, support the beams, being little more, in fact, than the atems of the poplar or willow, stripped of their bark and painted. The most considerable building in Le is the palace of the raigh, which has a front of 280 ft., and is several stories in height. The pop, is chiefly of the Tibctan stock, but numerous Cashmerlans have settled in Lé, and intermixed with the natives. Lé is the seat of an active commerce in shawl-wool, brought thither from the surrounding territory, from Lassa, Chinese Turkestan, &c., to be transported to Cashmere; and a silver coin is struck at this city, from bars of silver imported from China, which is in general circulation throughout the whole of Western Thibet. (Moorcroft's Traw, I. 315-320; Hamilton's E. I. Gaz.)

LEADHILLS, a mining village of Scotland, co. Lanark, in an alpine region, in an irregular valley 1,300 ft. above the level of the sea, and surrounded by wild heathy hills rising to the height of 2,450 ft. Pop. 1,188. The mining village of Wanlockhead, though only 1 m. distant, is in the co. of Dumfries. Both villages are unabilited solely by persons connected with transition clay-slate, called edge matter, from its vertical position, through which the metalliferous veins pass. The

are quarts, calcareous spar, brown spar, sparry fronstone, heavy spar, &c. Silver is contained in the lead,
but in too small quantity to repay its extraction. The
Leadhills mines are rented by the Scotch Mining Company
from the proprietor, who receives every 6th bar of lead,
as seignoraga. The produce varies much in different
years. It has lately been above 700 tons a year; but it
has sometimes been more than double that amount.
The mines have been wrought from a very remote
period. Gold is found in all the neighbouring streams,
disseminated in minute particles among the clay more
immediately covering the rocks, and also occasionally
interspersed in quarts. The search for this prectous
metal was formerly conducted on a pretty large scale,
under royal authority; but never with much success:
and all attempts of the kind, except by the curious, have
long since ceased. long since ceased.

and all attempts of the kind, except by the curious, have long since ceased.

Leadhills has a chapel belonging to the established church, a school, and an excellent library founded in 1741. Allan Ramsay, the Scotch poet, was a native of this place. The miners of Leadhills are regarded as more than usually intelligent, moral, and respectable. (Jameson's Minerulogy of the County of Dumphries; New Stat. Acc. of Scotland, (Jamarkshire, pp. 235—237.; and b Dumphries-shire, pp. 239—305.)

LEAMINGTON PRIORS, atown, par., and watering-place of England, co. Warwick, in Kenilworth, div. of hund. Knightlow, on the Leam, a trib. of the Avon. 2 m. R. Warwick, and 57½ m. N.W. London. Area of par., 1,720 acres. Pop., in 1811, 543; in 1821, 2,183; in 1-41, 12,864; and in 1831, supposed to be upwards of 15,0001 an unparalleled increase, occasioned by the growing celebrity of its mineral waters, and its many attractions as a place of fashionable resort. This town, which, 30 years ago, was an inconsiderable village, has now many noble and opulent residents; and the elegance of its numerous public and private edifices, justly entitle it to a place among the handsomest and best built town in the kingdom. It formerly stood only on the S. of the river; but within the last few years it has been extended to the opposite side, with which it is connected by two handsome stone bridges: one of these, whenced and beautifled in 1840, has received the name of "Victoria Bridge;" the other, about a ½ m. lower down the Leam, on the

estate of M. Wise, Esq., at whose expense it has been built, was also opened in 1840. The numerous hotels are nowise inferior to those of Bath, Cheltenham, and other

nowise inferior to those of Bath, Cheltenham, and other fashionable watering places. It has, also, many suburban villas and detached residences.

The waters, to which Leamington owes its celebrity, embrace I I different streams, uniting, in a single spot, saline, sulphureous, and chalybeate waters. That which most abounds, and which is known as "the Leamington waters," has been analysed by Drs. Lambe and Loudon's: it consists chiefly of the sulphate of magnesia and soda, in combination with murtate of soda, or common salt: the waters are used internally by dwarentle and chronic the waters are used internally by dyspeptic and chronic patients; and have been found very useful when applied externally in cutaneous diseases and rheumatism.

The following TABLE, drawn up from the Analysis of Dr. Lambe, shows the number of Grains of Mineral Salts contained in a Gallon of Water from Two of the principal Springs.

Description o	Old Bath.	New Bath.			
Carbonate of iron Muriate of magnesia	$\overline{\vdots}$:	:	11.5 430:	58-6 330*
Sulphate of lime	:	:	:	112· 152·	62·7

The pump-rooms and baths are fitted up with every egree of elegance, combined with comfort and utility. The pump-rooms and balks are fitted up with every degree of elegance, combined with comfort and utility. They are constantly supplied with water from the springs; and these, with the assembly rooms, public libraries, music hall, and numerous promenades and pleasure gardens, form the principal attractions, and contribute chiefly to the amusement of the visiters. The church is a good specimen of Gothic architecture; there is also a district church, episcopal chapel, and places of worship for Rom. Catholics, Wesleyan Methodista, and other sects. A national school, an infant school, and several Sunday schools, are well supported; and there are also several very excellent charitable institutions, particularly the "Warmeford Hospital," endowed by Dr. Warmeford, where the poor have the benefit of gratuitous baths, and of the best medical advice.

Being in the centre of a fine sporting county, Leamington has of late years become the head quarters of many of the leading Nimrods of the day. Three packs of hounds are hunted regularly during the season; and its spring races (held on the Warwick course), its annual steeple chaces, hunting club, and other similar attractions, have rendered it in this respect no mean competitor even of Melton Mowbray.

It could not, of course, be expected that manufactures should grow up in a place where pleasure forms the nein-

It could not, of course, be expected that manufactures should grow up in a place where pleasure forms the principal pursuit. The business of the town is, consequently, confined to the supply and retailing of articles required by the resident gentry and visiters; and the latter are generally so numerous, as to make it a scene of bustle and activity during the greater part of the year. It has

by the resident gentry and visiters; and the latter are generally so numerous, as to make it a scene of bustle and activity during the greater part of the year. It has 2 weekly newspapers.

The Warwick and Northampton canal passes close to the town, and, by its union with other lines of canal communication, gives it all the advantage of an extensive inland navigation. It is united by a branch line with the London and Birmingham railway.

The surrounding country, which is highly picturesque, furnishes an almost endiess variety of pleasing rides and excursions, diversified by the fine residences of the Warwick, Clarendon, Leigh, Willoughby, and other families; the ruins of Kenilworth Castle, Guy's Cliff, and other spots equally interesting to the tourist and the antiquary. (Privade Information.)

LEBANON, an extensive and very celebrated range of mountains in W. Asia, connected northward with the table-land of Anatolia, thence running S. S.W. in two rearly parallel chains through Syria and Palestine, and finally connecting itself with Mounts Horeb and Sinal near the Gulph of Sues. The W. chain, called Djebel-Liban, the Libonus proper of antiquity, detaches itself from the mountains of Asia Minor at the Gulph of Iskenderoon; it is cut through by the deep channel of the Orontes, in lat. 370 77, and as it proceeds southward, at an average distance of 24 m. from the Mediterranean, it increases in height, till, in lat. 340 137, the culminating point of the chain, Djebel Makmel attains an elevation of 12,000 ft. above the sea. Many aummits in this part rise considerably above the limits of perpetual snow; and even in lat. 329 50° the ancient Carmel and the twin summits of Beal and Gerrizine, so famous in the history of the Israelites (Deut. xl. 28.), are complement from their towering height; but more southward the mountains sink much lower, and are traced with some difficulty S. of Gaza. The E. chain, now called Djebel-es-Shekh, and identical with the Assi-Libonus of Strabo (lib. xvi.), detaches itself from the range

* Se . A Practical Dissertation on the Waters of Learningt Spa," &c. &c., by Dr. Chas. Loudon.

of about 5,000 ft. in lat. 33° 20', under the ancient name of about 5,000 it. in lat. 30° 30°, under the ancient name of Mossat Hermon, and after maintaining a considerable elevation as far S, as the 32d parallel, becomes lower and less regular as it skirts the Dead Sea on its E, side, and finally is connected with the sandy hills of Arabia; this chain, indeed, is much less defined throughout its this chain, indeed, is much less defined throughout its course, and altogether inferior in proportion to the chain running along the coast. The valley of Bakasai (an. Cerle-Syria), which separates these chains, is about 100 m. long, and varies from 10 to 20 m. in breadth, having an elevation near the sources of the Orontes exceeding 2,000 ft. above the sea; and southward is the valley of the Jordan, which Burckhardt has traced through Arabia to the Gulph of Akabah (see Jordan). Besides the Orontes and Jordan, which are the two great rivers of this mountain system, a smaller stream, called the Leittanie, rises near Baalbec, and flows S.W. Into the Mediterranean, a few miles N. of Tyre. The geology of Mount Lebanon seems to have been little investigated by travellers; but from scattered bints collected from Richardson, Burckhardt, Robinson, and Elliott, it may be inferred that the general formation is carboniferous and mountain-lime general formation is collected from Richardson, Burckhardt, Robinson, and Elliott, it may be inferred that the general formation is carboniferous and mountain-limestone, with greywacke and slate rising to the surface in the higher parts. The limestone in many parts is very porous, easily acted on by air and water, and rapidly worn into hollows of various shapes and sizes, which have been formed into sepulchres and caves, formerly the hiding-places of the persecuted Jews and Christians. (Editoit, il. 257.) Basalt, and other igneous rocks, appear E. and S. of Lake Tiberias, and the heights skirting the Dead Sea, present granite, gneiss, dolomite, &c. Iron and coal are abundant in some parts of the range. The former is wrought in two districts; but, owing to the distance from which the fuel has to be brought for smelting the ore, the produce of the mines is scarcely sufficient for the consumption of the pachalik. The coal-mines which, during several years past, have been wrought by Mehemet All, are situated about 8 hours' distance from Beyrout, at an elevation of about 2,500 ft. above the sea. The seams vary from 3 ft. to 4½ ft. in thickness; but the coal, though abundant, is rather sulphureous. In 1838, they employed 114 work-people in alternate gangs, day and night, at daily wages of 3 plastres (744.) each. The quantity of coal dug up in 1857 amounted in all to only about 4,000 tons. Iron-pyrites are found mixed with the coal, and smelting furnaces have been erected usar the pits; but the returns are quite insignificant.

The principal animals found on Mount Lebanon are, the roe-deer, the antelope, the goat, the mountain-sheep, the jerboa, &c.; with eagles, hawks, ravens,

plts; but the returns are quite insignificant.

The principal animals found on Mount Lebanon are, the roe-deer, the antelope, the goat, the mountain-sheep, the jerboa, &c.; with eagles, hawks, ravens, herons, and pelicans. The general aspect of the mountain scenery is thus described by an intelligent English encountain scenery is thus described by an intelligent English interprincipal and the plant of which is nearly barren. Alternost the only tree which it nourishes is the fir, and consequently the view is not of a character to interest a lover of scenery. From the sea and the plains the range forms a noble object for the eye to rest on; but when once the ascent is begun, few of the component elements of a beautiful prospect are discernible. Deep ravines, indeed, and rugged beetling precipices meet one at every turn, and render travelling both painful and hazardous; but there are neither glaciers nor waterfalls, neither lakes nor rivers, no verdant fields nor smiling valleys, no extensive forests, no floral richness, and no rural villages: even the cedars, once "the glory of Lebanon" (Isa. Ix. 13.) have deserted it, and are replaced by the umbrella-topped fir. In one spot only called Bisharri, mearly opposite frees measure about 36 ft. round the trunk, and more than 100 ft. between the extreme points of the opposite rese measure about 36 ft. round the trunk, and more than 100 ft. between the extreme points of the opposite to which is a later than the report of Bisharri, little known, and seldom visited, this same interesting tree is found in much greater numbers, but of inferior growth. The mountaineers cut down the cedars for their charcoal and tar, which latter article is used medicinally to heal the wounds and diseases of the camel and the other animals." (Elitor's Travels, vol. ii. p. 235.)

"In fact," says another traveller, "it is impossible to

vol. ii. p. 255.)
" In fact,"

vol. ii. p. 256.)

"In fact," says another traveller, "it is impossible to "im fact," says another traveller, "it is impossible to "iew these patriarchs of the vegetable world, the remains of vast forests that once supplied Jerusalem with its finest timber and its choicost incense, without feeling the truth, aptness, and precision of the prophecies concerning them:—"The rest of the trees of his forest shall be few, that a child may write them." 'Lebanon is ashamed and hewn down. The high ones of stature shall be hewn down: Lebanon shall fall by the mighty one." (Isaiah, x. 19. 33,34; and xxxiii. 9.) It must not be supposed, however, from Mr. Elliott's description, that the "nde mountain region is barren and uninteresting; for there are many fertile and well-peopled valleys, inhabited by an industrious people (about 35,000), chefly Maronite Christians, occupied in the silk and dyeing trades, and in raising

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when, corm, tobacco, and cottom. Dr. Bowring describes them as "an active and laborious rase, who turn to good account such parts of the soil as are saided to tillage; and in no part of Syria," says he, "is there so obvious an activity, in some are the inhabitants so prosperous or so happy. The agricultural implements are rude: the plough is occasionally seen; but spade husbandry is much more used; and the steepness of the hill sides requires a succession of terraces for cultivation. Almost every male inhabitant is a small propristor of land; and some of the emits are large owners, either cultivating downers are succession of the creative and white; the till is often spolled by the practice of boiling, and the use of skims. The tobacco of Mount Lebsano ranks also as the best in Syria. The quantity of raw silk produced in the district, exclusive of Tripoli, amounts annually to 380,000 okes, the price, in 1888, being from 130 to 150 plastres per oke: of this quantity 3-risk are extractives per oke: of this quantity 3-risk are extractived, and the rest consumed in the country. The respect of the constitutes for of the country is somewhat bury, being occupied by the arrisans; but the other parts of the town are so very deserted, and the rest consumed in the country. The respect of the constitutes of the first of the country of t

and there is also a ruined castle of considerable extent. Being situated in the midst of an extensive and marshy flat, Lebrija is extremely unhealthy, especially during the beats of summfer; but the circumjacent alluvial soil is highly productive. The town has fabrics of glass, earthenware, biankets and sacking, soap, bricks, tiles, and mortar. (Millione.)

LECCE (an. Spisoris and Lupie), a city of the Nespoistan dom., prov. Otranto, cap. distr. and canton, on the road from Brindisi to Utranto, about 22 m. 8.8.8. the former city, and the same distance N. W. the latter;

postan dom., prov. Otranto, cap. distr. and canton, on the road from Brindisi to Utranto, about 22 m. 8.8 E. the former city, and the same distance N. W. the latter; and '9' 14' N. Dop. 100 10' 7' E. Pop. 14,000. "The circ. of the present city at least equals that of Foggla; is houses are infinitely larger; and it is even supposed that it would commodiously admit a pop. of 20,000. The city is fortified by a wall and towers, in had condition, above a deep ditch; and possesses, moreover, a castle or citadel. It comprises the usual appendages of a provincial cap., a seminary, tribunal, and theatre; and adds to these a large manufactory of tobacco, the produce of which, as small; is highly esteemed throughout the kingdom. The principal gate of entrance to Lecce is very magnificacet, though in a strange overloaded style of architecture. The facility with which the stone of the country is wrought's, has proved of great advantage to the architectural embellishments of Lecce; but it has lea afforded a fittal facility of propagating the extravagant and almost incredibly bad taste exemplified in every suldding of consequence. Their magnificace alone is traposing to the spectator, while their innumerable absurdialso afforded a fatal factity of propagating the catavarapant and almost incredity but taste exemplified in every building of consequence. Their magnitude alone is imposing to the spectator, while their innumerable absurdities disquist him. Among these edifices the churches are pre-emment: they exhibit all the grotesque barbarity of the Gothic, without any of its spiry lightness; and their insterior decorations, though by no means in the same style, are not likely to make up for these defects. The inside of the cathedral, dedicated to St. Oronio, the patron of the city, is simple and unoffending. A few inlaid marbles, and some indifferent paintings, constitute only ornaments. The ceiling is of brown carved wood, richly gilt; and it has, though perhaps not strictly adapted to a place of public worship, a handsome effect. In the principal square is an antique column brought from Brindisi: its supports the statue of the protecting swint, and near its base is a fountain without water, advarsed by a small equestrian statue of one of the sovereigns of Naples. The inhabs, of Lecce are mostly in easy circumstances, and renowned for their courteous polished manners. The climate is oppressively hot

2" The stone of the country is of a fine white, so soft when taken out of the quarry that it may be moulded like wax, and will receive any form the slightest strokes of the chiest impress it with; yet, by remaining exposed to the sir, it very soon acquires a proper degree of consistency. (Jövichwar's Yreste), 1304.)

cay; thirt, Aug. o. and 12. and cept. v., for cattle and caye; thirty, Aug. o. and civiles Lactora, cand Civiles Lactora, exacts and Civiles Lactora, at the considerable, a town of France, dep. Gera, cap. arroad., on the summit of a steep isolated rock, 19 m. N. Auch. Pop. in 1846 (ex com.), 2,107. It was formerly surrounded with a triple range of strong walls, the remains of which still exist. It is traversed by a wide, regularly built, and clean street, at one end of which is an hospital occupying the site of an ancient castle, and at the other a handsome Gothic church, built by the English. Nearly all the other streets are fort tritte effort irrigatière. Near the above church is the old episcopal palace, now the townhall, sub-prefecture, and court of primary jurisdiction. In the town-hall are portraits of Marshal Lannes, Duc de Montebello, and other distinguished individuals, natives of the town; a marble statue of the marshal is also erected on the public esplanade. Lectoure has manufactures of serge and coarse woollen cloths, and a considerable trade in cattle, wines, brandy, and agricultural produce.

considerance trace in centre, waters, oranty, and agricultural produce.

Lectoure, though not mentioned by the ancient geographers, has several Roman antiquities; the chief is a votive altar, in good preservation, which dates from the time of Gratian. At the foot of the hill on which the count is built in a four-stand of available water the modern

the time of Gratian. At the foot of the hill on which the town is built is a fountain of excellent water; its modern name is Hondcits, derived, as is said, from its ancient name, Pows Delie; having been consecrated to Diana, who had a temple in the vicinity.

Lectoure belonged, for a lengthened period, to the counts of Armagnae. The last of that family having been besieged in it in 1473, by the troops of Louis XI., commanded by the Cardinal of Alby, surrendered on terms which the cardinal offered and swore to observe. No sooner, however, had the blood-thirsty perfidious ecclesiastic got the count into his power, than he ordered him to be assassinated, and gave up the town to military execution. (I.Art de serifier les Dates, part il. tom. iz. 320. 8vo. ed.; Hugo, art. tiers, &c.)

LEDBURY, a market town and par. of England. co.

320. 8vo. ed.; Hugo, art. Gers, &c.)
LEDBURY, a market town and par. of England, co.
Hereford, hund. Radlow, near the Leden, a trib. of the
Sevenn. 13 m. E. Hereford, 14 m. S.W. Woresster, and
105 m. W.N.W. London. Area of par., 8,630 acree. Pop.,
in 1841, 4,591. The town, situated on the slope of a bill
at the E. angle of the co., at the extremity of the Malvern
hills, comprises two pincipal intersecting streets, with
others of inferior character. Many of the houses are
handsome, and built of stone quarried in the neighbourI. 3.

LEEDS.

hood. The church, which is of Norman architecture, with more recent alterations and additions, comprises a nave, asies, and chancel, with a chapel; and the tower, which is detached from the rest of the building, is surmounted by a fine spire 60 ft. high: the living is a vicarage, in private patronage. There are, also, places of worship for independents, Baptists, and Weslevan Methodists, with well-attended Sunday schools attached to each; a national school for both sexes, partly supported by the produce of two or three old charities; and a school of industry for girls. The free school, founded in the lêth century, formerly had the reputation of being a good classical school; but the endowment is very trifling, and the instruction is now confined to reading, writing, and arithmetic. St. Catherine's hospital, for poor men and women, founded by Hugh Folyot, bishop of Hereford, in 1232, comprises a master, chaplain, 7 brethren, and 3 sisters, each of whom, in addition to a comfortable dwelling and some yearly allowances, receives a stipend of 6s. a week. The hospital, lately rebuilt, is a handsome structure, with two wings, and a chapel and hall in the centre; and it is proposed, as the estates are increasing in value, to raise the number of immates to 24. The par. is unusually rich in money charities, distributed chiefly by the clergy and churchwardens. (See Cher. Comm. 3d Rep. p. 2.) Ledbury was celebrated during the reigns of Elizabeth and James I. for its extensive manufactures of broad cloth and silk; but they are now quite extinct. Malting, tanning, and the weaving of sacking, employ a considerable number of hands; but the present importance of the town is derived from its being the chief market of a district producing large quantities of hope, cyder, and perry stone and marble are quarried in the neighbourhood, and the latter is sent to various parts for chimney-pieces, alabs, &c.

sabs, &c.
Ledbury was anciently a parl. bor., and in the reign of Edward I. twice returned mems. to the H. of C.; but the privilege was not preserved.
LEEDS, a parl. and mun. bor., par., and celebrated manufacturing town of England, being the great centre of the woolien cloth trade, co. York, W. riding, locally situated in wap. Skyrack, on both sides the navigable river Aire, 33 m. W.S. W. York, 29 m. N. Sheffield, and 170 m. N. by W. London; lat. 55° 47′ 30° N., and long. 1° 32′ W. Area of par. and of parl. and mun. bor. (which are all co-extensive). 91,450 acres: pop. of parl. bor. in 1841, 151,874; pop. of town, at same period, 88,741.
We subjoin an account of the area, pop., &c. of the different parts of the bor., drawn up from the census of 1841 and other official returns:—

Townships.	Townships.				
Town of Leads (comprising : townships) Armicg - Bession - Bramicy - Carnicy - Headingley with Buriey Holbeck - Potter Newton Wortley -		3,500 1,040 1,770 2,490 8,040 2,070 2,800 760 1,150 2,340 940	71,602 5,159 2,128 7,039 1,934 1,391 3,849 11,210 12,074 863 5,944	88,741 5,676 2,175 8,475 2,580 1,580 4,768 13,346 18,852 1,941 7,090	
Totals -		21,450	123,393	151,874	

The principal and best part of Leeds stands on the slope of a hill N. of the Aire, and the buildings cover a space of about 1,000 acres. The town, speaking generally, its irregularly built, with narrow and crooked streets; but the centre and W. end comprise several handsome streets lined with fine houses. Briggate, in the centre of the town, is the largest, and is as wide as Oxford Street, London. Three stone bridges, and two of cast iron, on the bow and string principle, cross the river Aire, on the S. side of which are the extensive suburbe of Holbeck and Hunslet, containing some large factories. The town is well paved, flagged, and lighted with gas. Formerly, the supply of water was rather deficient; but extensive works have been completed within the last few years, by which an abundant supply of excellent extensive works have been completed within the last few years, by which an abundant supply of excellent water is conveyed into the town from the Harewood bills, 5 or 6 m. distant, at an expense of about 130,000. Among the public buildings, the cloth-halls deserve par-ticular notice: the Mixed-cloth Hall, at the corner of ticular notice: the Mixed-cloth Hall, at the corner of Wellington Street, built in 1788, is a quadrangular building, 380 ft. long, and 200 ft. broad, enclosing an open area, and having about 1,800 stands. The White-cloth Hall, for the sale of undyed goods, on the plan of the former, was erected in 1775: it has about 1,300 stands. A third building of the same description, in Albion Street, but smaller, intended to accommodate traders not licensed to sell in the other halls, has been long abandoned. Close to the Mixed-cloth Hall, is a handsome edifice, called the "Commercial Buildings," which would do credit to the metropolis, appropriated chiefly to news-rooms and bankruptcy courts, but partly also to

trading purposes. The court-bouse, in which the petry and quarter sessions of the W. riding are beld, is a well-arranged building for police purposes; but the gaol attached to it being too small for the wants of the town and borough, a gaof on the most approved construction, to accommodate in separate cells about 300 prisoners, has lately been erected on Armley hill, at a cost of 30,000. The corn exchange faces Brigagate: its front is of the lonic order, and has a niche in the centre, with a statue of Queen Anne. The central market, erected at an expense of 36,0004, is large, handsome, and commodious: there are also two other markets. The cavalry barracks, erected in 1820, on the N. side of the town, are well built and very extensive, occupying, with the parade grounds, nearly 12 acres. The workhouse is not of a size corresponding with the wants of so large a parish, but it is well conducted. The sum raised by rates and expended on the relief of the poor of the township in 1847, amounted to 25,684, assessed upon property of the estimated value of 312,2371. a year. The hall of the Philosophical and Literary Society, a theater on the 8. side of the town, and two commodious bath establishments, are the only other public buildings besides the churches. The places of worship in the parish are numerous: from a census made and published in 1848, under the management of Mr. E. Baines, it appeared that there were in the whole parish 20 episcopal churches with 21,327 sittings; and 69 Dissenting chapels with 45,899 do., of which 18,885 belonged to Wesleyan Methodists, 10,131 to other branches of Methodists, 8,713 to Independents, 3,705 to Bagtists, 1,400 to R. Catholics, 1,380 to Unitarians, &c. Since then the number of churches, connected with the establishment, has increased to 37, and there has also been an increase in the chapels of Dissenters. The par. church, rebuilt, on the site of an old Gothic edifice, in the per-pendicular English style, is said to be one of the largest and handsomest churches in English style, The charitable institutions comprise, besides the schools already mentioned, an infirmary, founded in 1767, supported by subscriptions, and accommodating 180 inpatients, said by Howard to be one of the best conducted hospitals in England; a fewer hospitals, called the "House of Recovery;" a lying-in hospital, an eye and ear in-

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Streamy, and a public dispensary. There are likewise executed endowed charities for the aged poor, and other benevolent institutions, the gross revenues of which exceed 4,000%. a year. Party politics run pretty high in Leeds. It has three weekly newspapers; one of which the "Leeds Mercury," is one of the ablest and most widely circulated of the provincial papers.

Leeds owes its great and long-continued eminence as a manufacturing town, partly to fits advantageous situation, and partly to the industry and ingenuity of its inhabs. It stands in a fertile country intersected with rivers, and possessing rich and all but inexhaustible beds of coal. The natural facilities afforded by its position for procuring raw materials, and for disposing of its manufactured produce, have been vastly extended by artificial means. On the one hand, it communicates with the Humber, and, it communicates with the Humber, and it communicates with the Mersey and Liverpool by the Leeds and Liverpool Canal. Railways have also been opened in every direction, — to York, Hull, Manchester, Tairsik, Shipton, Lancaster, &c., and two by Derby and Lincoln to London.

The staple manufacture is the production of woollen cloths; but the spinning of flax and worsted is also an importance transhorm of industry. We subjoin the following official return, obligingly furnished for this work, of the description and number of mills engaged in the principal departments of industry carried on in the bor. of Leeds is mentioned by Bede, and its of bomesday survey. Lealand, early in the 16th century, described in a recorder, najore, and the produced in 1848-1819. Action to Conferred on it the importance, as the first conferred on the town in produces as the first content of the mentioned by Bede, and there are five and and seventhesis and as assings' bank, which had, on the 20th hand, on the 20th had a seal of the mentioned by Bedes and survey. 1849, 3470. deposites.

Leeds was first incorporated as a mun. bor. in the reign of Charles I., and received its

Lincoln to London.

The staple manufacture is the production of woollen cloths; but the spinning of flax and worsted is also an imperiant branch of industry. We subjoin the following official return, obligingly furnished for this work, of the description and number of milis engaged in the principal departments of industry carried on in the bor. of Leeds in October, 1850, with the amount of the power in operation, and of the hands employed in the same.

Description of Mills.			No. of Mills.	Heres- power.	Hends employed.				
Wooden Werned Plax	:	:	:	102 7 85	2,354 146 1,861	10,350 971 9,256			
And	And to these have to be added I cotton and 3 silk mills.								

The woollen manufacture of Leeds and its neighbourhood is carried on in two ways—on the domestic system, and by means of factories. According to the former plan, the business is conducted by a number of small massters, generally possessed of very limited capitals, who have in their houses from two to four looms, and employ, besides themselves and their families, from three to seven journeymen. Formerly, they used to carry the twool by hand-labour through all the stages of its manufacture, till it was made into undressed cloth; but for several years past they have availed themselves, in the performance of various processes, of the public mills that have been erocted, mostly on a joint-stock principle, in all the villages within the district where this system prevails. By this means, the domestic cloths are produced as good and cheap as those made in factories. The wages of hand-loom weavers in and about Leeds vary from 12c. 18c. a week. The factory system owes its existence The woollen manufacture of Leeds and its neighbouras good and cheap as those made in factories. The wages of hand-loom weavers in and about Leeds vary from 12s. to 18s. a week. The factory system owes its existence to the improvements of machinery subsequent to 1790; and, though strongly opposed by the domestic clothiers, has greatly improved the manufacture, and raised Leeds to its present eminence as a mart for superfine broad cloths. The master manufacturers, who necessarily either possess or have the command of large capitals, sended a sense or less number of workment in one or cloths. The master manufacturers, who necessarily either possess or have the command of large capitals, employ a greater or less number of workmen, in one or more large factories, under their own inspection, or that of their superintendents. In these factories the whole processes are carried forward, from the breaking of the wood to the finishing of the cloth for the consumer. Powerlooms, however, have hitherto been but little employed in the weaving of fine cloths, not 1-3rd part of those produced being now (1850) woven by their agency. The woodlen fabrics manufactured at Leeds comprise broad cloths, ladies cloths, kerseys, swansdowns, and beavers. The goods sold to the merchants in a rough or undreased state are finished in dyehouses and dressing-shops, which of themselves give employment to upwards of 3,000 persons. The sale of cloths is partly effected in the different cloth-halls, on the mornings of Tuesday and Saturday, between 11 and 12; but of late years, or since the manufacturers began wholly to finish their goods, the cloth salls have lost a good deal of their importance, and a full half of the business that used to be entirely carried on in them is now transacted in private counting-houses. Shaboons, stuffs, and camlets, are made to some extent; on in them is now transacted in private counting-houses. Shaloons, stuffs, and camlets, are made to some extent; and immense quantities of unfaished stuffs are brought bere to be finished from Bradford and Halifax. Some of the flax-mills are superb establishments; large quantities of linen yarn are sent to Barnsley to be manufactured into linens, and large quantities are also sent to Ireland and France: canvass, sacking, and linens, are also made to some extent in the town. The average wages of linen weavers per week vary from 8r. to 10s. nett, when in full work, which is seldom the case. The weavers were characterised by the hand-loom compliatours as were characterised by the hand-loom commissioners as intelligent, sober, and steady, but in extreme poverty. The manufacture of machinery employs a great number

presented in parasances. Lin 1902, when the instruments presented on it the important privilege of sending 2 mems. to the H. of C. Reg. electron, in 1849-50, 6,181. Markets on Tuesday and Saturday; cattle fairs on alternate Wedneedays; and for horses and hardware, July 10, 11, Oct. 8., and Nov. 8.

Leeds is mentioned by Bede, and in the Domesday survey. Leland, early in the 16th century, described it as a market town, subsisting chiefly by clothing, reasonably well built, and as large as Bradford, but considerably less than Wakefield. The clothing trade had been introduced about 60 years before Lelands's time, and the town has since gradually risen, by the industry of its inhabs., till it has become the third manufacturing town of the first manufacturing matten of the word. (Baisse's Gasctiter of Yorkshire; Parsons' Annals of Leeds, passim: Parl. Rep.; and Priv. Inform.)

LEEK, a manufacturing market-town, and par. of England, co Stafford, hund. Totmonslow, on the Churnet, a tributary of the Trent, 12 m. S. Macclesfield, and 124 m. N. by W. London. Area of par. (comprising 10 townships), 34.370 acres. Pop. in 1841, 11,733. Pop. of Leek-and-Lowe township, 7,232. It is situated in the mountainous part of the co. called the Moorlands, on the road between London and Manchester, and consists of a principal street lined with some good modern houses, and crossed by several narrow and irregular avenues. The church is an old Gothic structure, with a square tower: in the churchyard are the remains of a Danish cross, 10 ft. high: the living is a vicarage in the gift of Earl Mansfield. There are places of worship for Independents, Wesleyan and New-connexion Methodists, and the Society of Friends. Except a small endowed school there is no public day-school, and nearly all the instruction which the children receive is given in the Sunday-schools attached to the different places of worship. In the Wesleyan school there are upwards of 1,000 children. A mechanics' institute confers important benefits on the manufacturing popula

city, called Fenezia Nora, is intersected by canals, and comprises numerous wharfs, warehouses, and other buildings adapted to commerce. Leghorn has an outer and inner harbour, and a good rosaltesad. The outer harbour is protected by a fine mole, built by Cosmo II., which runs N. N. W. upwards of § m. into the sea. The port is apt to become encumbered with mud, and the water within is rather shallow, varying from 8 ft. in the inner basin to 18 or 19 ft. at the end of the mole. The outer barbour is, therefore, until for ships of more than 400 tons; and the inner harbour, called the Darzena dei mavicelli, is only used for repairing ships, and for the reception of galleys and other small craft. A lighthouse, the lantern of which is 170 ft. above the sea, is built on a rock a little S. W. from the mole. The roadstead lies the lantern of which is 170 ft. above the sea, is built on a rock a little S.W. from the mole. The roadstead lies W. N.W. from the harbour, between it and the Melora bank. The latter is a sand, 4 m. in length by 2 in breadth, lying N. and S. about 4 m. from shore. It has mostly from 3 to 4 fathoms water over it; but towards its S. extremity, on some rocky points which project above the water, the Melora tower has been constructed to serve as a sea.mark. During S. winds there is sometimes a heavy sea in the roads; but the holding ground is good, and with sufficient anchors and tables, and ordinary precaution, there is no danger. The laxaretto, said to be one of the best in Europe, lies on a little island to the S., about 1 m. from the tower.

The public and private buildings of Legborn do not require any very particular notice. They are generally well adapted to their purposes, without being magnificent. The chief public editions are the ducal palace, the

LEEUWARDEN.

trade of Leek generally appears to be of a steadier character than that of other towns engaged in the same manufacture. The cotton trade, which has extended itself thither from Lancashire, is not extensive: one small mill employs 60 hands. Coal is procured from the neighbouring Blue hills, in quantities amply sufficient for the wants both of the manufacturers and the pop, general trade. It is not extensive: one thanks of the polling places for the N. division of Suffordshire. Courts leet and baron are held annually by the lord of the manor (Earl Mansfield), who elects a constable for the civil government of the town. Marsts on Wednesday: fairs for cattle and pedlary, Feb. 7., Easter. Wednesday, My 18., Whit. Wednesday, July 32, and 28., Oct. 10., and Nov. 18. of Holland, prov. Friestand, of which it is the cap, on the Re. 31 m. W. Green house of correction. It has twelve churches, in one of which the primors of Orange are buried, a synagor, extensive and article, and intersected by numerous canals, the banks of which like the ramparts, are planted with trees. It is well built; its streets are wide and regular; and it has several handsome public edifices, including the palace, a Latin school, a branch of the Society of Public Good, a printing establishment, and considerable manufactures of linen fabrics, paper, Friestand-green, &c., and a promise and a receiver of taxes for the prov. It sends 4 mems. to the provincial assembly. (Det. (Zeet.), 42.)

LEGHORN. LEGHORN.

LEGHORN. LEGHORN.

LEGHORN. Armenda its development of a steadler of a steadler of the provincial stablishment, and considerable manufactures and arts, with a library of the prime of Orange are buried, a synagory in the prime of Orange are buried, a spragory in the prime of Orange are buried, a spragory in the prime of Orange are buried, a spragory in the prime of Orange are buried, a spragory in the prime of Orange are buried, a spragory in the prime of the p second hand of produce from the Euxine and the Levant has, however, rather declined of late years; the English, Americans, and other nations, now generally importing such produce direct from Odessa, Smyrna, Alexandria, &c. The imports comprise most sorts of commodities, with the exception of some of those produced in Italy, as sugar, coffee, and all sorts of colonial produce; raw cotton, and woollen stuffs, cotton twist, and other manufactured goods; salted fish, indigo, and other dye-stuffs, rice, hardware, earthenware, and metals; hides, &c. Ships, with corn on board, may unload within the limits of the lazaretto, without being detained to perform quarantine, a circumstance which has contributed to make Leghorn one of the principal depois for the wheat of the Black Sea. Black Sea

The old complicated system of currency has been abolished, and accounts are now kept in new lire, which are in all respects equal to French francs. Accounts may be converted from old into new lire at the rate of 6 old to 5 onew lire.

may be converted the second of the second of the second of the sexport trade of Leghorn; but it is believed to amount in all to from 1,600,000% to 2,000,000% a year. We subjoin an account of the quantities of some of the principal articles of foreign produce imported into Leghorn during each of the six years ending with 1840, with the stocks on hand on the 1st of January, 1841.

Articles.	1835.	1836.	1837.	1838.	1839.	1840.	Stock, 1841.
Segar, Havanna Crushed Losf Brusil Coffee	2.54. 903,900 6,047,000 224,300 1,321,500 1,371,100 1,757,500	2.be. 8,624,800 4,107,000 130,500 940,300 8,111,600 2,670,000	Lbs. 1,844,900 8,819,000 103,430 14,600 8,686,500 2,205,400	Lhe, 1,471,700 7,625,400 112,500 132,000 558,720 1,468,300	£84. 2,437,520 6,863,000 163,400 656,100 955,300 1,799,000	2,002,400 9,515,000 183,000 443,000 2,244,000 4,025,000	£be, 255,000 1,894,000 44,000 30,000 200,000 730,000
Cotton Popper Indigo Comes Do. Bernons	1,827,200 1,048,500 78 125	1,781,700 1,319,500 254 46	2,316,000 1,334,400 188 76	906,700 965,000 109 107	1,864,400 1,086,000 82 71	478,000 756,000 900 131	738,000 115,010 64 22

The quintal (100 lbs.) of Leghorn is about equal to tons amount to 112 old lire, or to 3*L* 14s. sterling; be-77 lbs. avoird. The cantara varies from 88 to 160 lbs.; sides which, she must have a bill of health, which costs the rotolo -3 lbs. Port charges are the same on native 7s. 2d. sterling. These, if she clear out in ballast, are the order of the only charges to which she is subject; but if she clear

cet touded, the bill of health will cost about to starting, and there it beateds a charge of boots Air, for each bill of the many in band at about 11.4. A tun pass bed, break and there is beated 11.4. A tun pass bed, break and the intervance of abjes, though not of lives or bouses. Leptons it the residence of consuity. The student of the intervance of abjes, though not of lives or bouses. Leptons it to be residence of consuity. The variation of an experiment of a e

of perpendicular architecture in St. Martin's Churchyard, erected in 1521, and endowed with estates, the rental of which exceeds 5002. a year, but which, it is affirmed, if let like the estates of private individuals, would produce upwards of 5,0002. a year. The present master, the Rev. E. T. Vaughan, vicar of St. Martin's, has been appointed at a fixed salary by the chancellor of the ducy of Lancaster; and it is hoped that some, at least, of the abuses of the charity will now be corrected, application having been made to the Court of Chancery for that purpose. Each of the 24 inmates has an apartment and garden, with 4s. a week, and the chapital or confrater has a stipend of 57t. a year, with a house and garden. It may be worth mentioning that both Chillingworth and the learned Dr. Samuel Clarke filled this situation. Some smaller almshouses, loan funds, and bequests to a considerable amount, assist in relieving the distress of the poor of the town and neighbourhood.

Some smaller almshouses, loan funds, and bequests to a considerable amount, assist in relieving the distress of the poor of the town and neighbourhood.

In addition to the endowments and voluntary contributions for the support of the poor, the sum raised by rates, and expended for the same object in 1847-48, amounted to 20,244. assessed upon property of the estimated value of 147,336. a year.

Leicester is a principal seat of the manufacture of woollen hosiery, including stockings, shirts, caps, and fancy hosiery, and of woolen, Berlin, and Lisie thread gloves, having, according to the official returns in 1840, 4,142 persons engaged in the various departments of the business, and now (1850) probably 6,000, exclusive of those engaged in the subordinate departments of machine making, wool combing, dyeing, &c. There were in the borning of the company of the factory inspector, in 1838, according to the returns of the Factory inspector, in 1838, according to the returns of the Factory inspector, in 1838, according to the returns of the Factory inspector, in 1838, according to the returns of the Factory inspector, in 1838, according to the manufacturers. The wages of framework knitters vary from 8s. to 18s.; of glove-makers from 16s. to 28s., of "fancy hands" about the same; those of dyers from 18s. to 28s., of wool-combers from 18s. to 20s., and of machine makers from 38s. to 28s. and of machine makers from 38s. to 28s. a season of the find the season of the Middland Counties' Railway, connecting Deicester with the London and Burton, being a branch of the Middland Counties' Railway, connecting Deicester with the London and Burton, being a branch of the Middland Counties' Railway, connecting Deicester with the London and Burton, being a branch of the Middland Lings are rapidly increasing in every direction, and in the neighbourhood are many elegant villas, occupied chiefly by manufacturers. A branch of the Bank of England was opened here a few years ago; the Leicestershire Banking Co. has its chief office in the town

7 wards. Corporat, revenue in 18(9-50, 33, 3104, of which 9,8364, was derived from bor, and other municipal rates. Assises and quarter sessions are held here, and there is a county court before which 1,837 plaints were entered in 1848. The bor, has sent 2 mems, to the H. of C. since the reign of Edward 1; the franchise, till the Reform Act, being yested in the freemen (by birth, servitude, or gift), and the inhab, paying scot and lot. The boundaries of the present part. bor, include, as already stated, besides the old bor, the liberties (which comprise part of the pars, of St. Mary and St. Margaret, together with the Newarke) and the extra-parochial part, called the Castleview. Registered electors, in 1849-50, 4,627. Markets on Wednesday and Saturday: horse and cattle fairs, March, Saturday before and after Easter, May 12, 13, 14, July 5, and Oct. 10. and Oct. 10.

Leicester occupies the site of Ratge, an important Roman station mentioned in Antonine's Itinevary.

A ruin called the Jewry wall has been supposed, but on no good grounds, to be the remains of a temple of Janus. Near it a fine Roman pavement was discovered in 1830. Before the Norman conquest, a castle was built here by the Earls of Mercia, which, being demolished by Henry II. in 1176, was restored by Shoon de Montfort, Barl of Leicoster. It afterwards became a favourite re-

sidence of the Barls and Dukes of Lancaster. Several parliaments were held in the great hall in the latter end of the 14th and the commencement of the 15th centuries. The castle having ceased to be a royal residence after the elevation of Henry IV. to the throne, was allowed to fall into decay, and in the reign of Charles I. it was pulled down, with the exception of the great hall, which, being new fronted, is now used for the assizes. Two of the greater of the streams also remain ones fine specimen of the

to fall into decay, and in the reign of Charles I. it was pulled down, with the exception of the great hall, which, being new fronted, is now used for the assizes. Two of the gateways also remain, one a fine specimen of the period. During the great civil war, the town was successively occupied by the king and the parliamentary troops. In a meadow near the town are some remains of a monastery of Black Canons, founded in 1143, the revenues of which amounted at its dissolution to 1,062. Cardinal Wolsey expired in this abbey on the 29th Nov. 1530, having been compelled, by sickness, to take refuge here when on his way to London, to be tried for high treason. The stocking-frame was introduced into Leicester about the close of the 17th century, since which time it has been steadily rising in manufacturing importance. (Char. and Mun. Commission Report; Throsby's and Thompson's Hists of Leicester; Private Information.)

LEIGH, a manufacturing market-town, and par. of England, co. Lancaster, hund. W. Derby, 12m. W. Manchester, and 21 m. E. N. E. Liverpool. Area of par. (comprising the townships of West Leigh, Astley, Atherton, Bedford, Pennington, and Tilidesley), 11,820 acres: pop., in 1841, 32,329. Pop. of West Leigh and Pennington townships, comprising the town of Leigh, 6,838. The town, consisting of two chief, and other subordinate streets, has a few well-built houses, mixed with others of an inferior character. The church is a lofty stone structure, but low and decayed on the N. side: the living is a vicarage in the gift of Lord Lilford. Chapels of ease have also been erected in the townships of Astley, Chowbent, and Tildesley; the patronage of which is vested in the incumbent of Leigh. There are places of worship for R. Catholics, Independents, Wesleyan and New-connexion Methodists, and Swedenborgians, exclusive of others in the out townships; and upwards of 4,000 children are taught in the Sunday schools connected with the churches and chapels. The charitles of the par. comprise the grammar-school, founded in 16

appreutice-funds, and minor bequests. (Cher. Comm., 19th Rep.)
Leigh occupies a very respectable station among the cotton manufacturing towns of Lancashire. The business, which was formerly almost confined to weaving fustians, now embraces all the processes and branches of the cotton and mixed goods manufacture; and, according to Mr. Baines, upwards of 8,000 hands were employed, in 1834, chiefly in the townships of West Leigh, Tildesley, Atherton, and Bedford, in spinning and weaving cotton and silk, both by hand and power. In 1838, there were in the parish 19 cotton-mills, and I silk, mill, employing 2,458 hands: 8 of these mills are situated in Tildesley, excepting the parish the selection of the control desley township, which has also 2 large factories for machinery. These branches of industry are greatly promoted by the abundance of coal and lime in the promoted by the abundance of coal and lime in the neighbourhood, and by the easy canal and railway communication with Liverpool and Manchester. A branch of the Duke of Bridgewater's canal unites here with the Leeds and Liverpool canal, and the Leigh and Kenyon tram-road connects the town with the Liverpool and Manchester railway, the communication being continued N. by the Bolton and Leigh railway; the latter, 7½ m. in length, was constructed at an expense of 10,000£ per mile. The crease loads of the control of

length, was constructed at an expense of 10,000d, per mile. The grass-lands of the par, are particularly rich, and the dairies round the town yield a cheese held in deserved estimation. Market on Saturday; and fairs, well attended for cattle, cheese, &c., April 24, and Dec. 7. (Baines's Hist. of Lancashire, 4to edit.: Parl. Rep.)

LEIGHTON-BUZZARD (or, more properly, Leighton-Beau-desert), a market town and par. of Rugland, co. Bedford, hund. Manshead, on the Ousel, a trib. of the Ouse, 5 m. S. by W. Woburn, and 25 m. N. N. W. London. Area of par. including five townships, 8,990 acres. Pop. in 1841, 6,033; ditto of town, 2965. The streets are irregularly laid out, ill paved, and not lighted with gas; the supply of water is chiefly derived from wells. It has a fine pentagonal cross in an open area near the market-house, supposed to have been erected weeks. It has a non-pentagonal cross in all open area near the market-house, supposed to have been erected at the beginning of the 14th century; it consists of two stories, and is 38 ft. high. The church, formerly collegiate, is a large cruciform Gothie structure, with a tower and steeple rising from the intersection of its nave and transepts: the fiving is a vicarage, attached to a pre-bend in Lincoln cathedral. There are places of worship for Baptists and Wesleyan Methodists, and the Society of Friends (here a numerous body) have a large meeting house. Besides Sunday-schools, there is a well-endowed charity-school for the gratuitous instruction of poor chil-dren; and a large Lancastrian school, for both eates, supported by voluntary contributions. Wikee's alms-

s, founded in 1630, have an average yearly income | of 200%, and furnish logging and stipered to eight poor widous? there are several other charitable foundations. widows? there are several other charitable foundations. (See Char. Comm. 12th Rep.) Lace-making, formerly a considerable branch of industry in Leighton-Bussard, has been all but extinguished by the frame-lace trade of Notthigham. Straw-plaiting here, as in other towns of Bedfordshire, employs many females; but the principal trade is in corn and timber, the conveyance of which to the London market is greatly facilitated by the Grand Junction Canal and the London and Birmintham Railway, which has a station at this place. One of the largest horse fairs in the S. of England is held on Whit-Thereiter.

LEINSTER, one of the four large provs. into which Ireland is divided, on the E. side of the island, comprising the cos. of Dublia, Kildare, Carlow, Kilkenny, King and Queen's, Longford, Louth, Meath, Westmeath, Wicklow, and Westord. For an account of its extent and was, and westord.

Wicklow, and Wexford. For an account of its extent and pop., see anth. p. 38.

LEIPSIC (Germ. Leipsig) a celebrated commercial city of Saxony, being, next to Hamburg, the chief-trading city of Germany, and the first book emporium in the world. It stands on the White Elster (a tributary of the Sale), where it is joined by the Philate and Parde, 60 m. W. N. W. Dreaden, and 20 m. 8 R. Haffe; lat. 51° 29′ 16″ N., long. 12° 21′ 45″ E. Por/1845; b4.518, nearly all Protestants. Its appearance, at a distance, is not impossing: it stands in a wide plain, which, though fertile, is unvaried by a single eminence. a distance, is not imposing: it stands in a wide plain, which, though fertile, is unvaried by a single eminence to relieve its sameses. It occupies but a small extent of ground compared with its pop., the total number of focuse in it and its suburbs being only about 1.450. These, however, are very lofty; many of them being 6 stories high, independent of 3 or 4 saiditional in the paramidal roof; and each story, like the houses in the old town of Edinburgh, is usually occupied by a separate family. Few towns exhibit so much of the carved massorry which characterised the old German style of building, joined with so much stateliness. The streets are marrow, but the various markets and squares are large, clean, and next. Leipsie is far inferior in elegance and beauty to Dresden; but it is better built than Frankfort, and has a decided at of comfort and substantiality. The suburbs are well laid out, and separated from the town as a secession of pleasant gardens, occupying the glacis. by a succession of pleasant gardens, occupying the glacia, and other parts of the ancient fortifications. The great market-place, in the centre of the town, is rendered one and other parts of the ancient fortifications. The great market-place, in the centre of the town, is rendered one of the most striking squares in Europe, by the quality arctimeture of its surrounding buildings. In one of these, the Rathkaws, the allied sovereigns met to congratulate each other after the battle of Leipsic (see post). The Konigshaus, formerly a residence of the electors and kings of Saxony, was occupied by Napoleon in 1813? The Auerbach ceilar, at no great distance, is noted as that in which Göethe has laid the elebrated carousal scene in Faust; and tradition says that Faust himself used to frequent it. At the S.E. part of the town is the castle of Pleissenburg, which with stood the attacks of Tilly in the 30 years' war, long after the town had surrendered. Its lower part is now a wood magazine, and its upper part an observatory 238 R. high, from the summit of which a commanding view is obtained of Leipsic and its plain. The ramparts of the town have been laid out as public walks; and its gates have been recently removed. The church of St. Nicholas is a handsome square edifice, and of a species of Coninchian architecture; its interior is ornamented with numerous paintings by Ciser, a celebrated Saxon artist of the last century. The other most remarkable public buildings are the Augusteum, Paulinsum, &c., belonging to the university its the only one in Saxony; and ranks as one of the first, as well as most ancient, in Germany. It was founded in 1409 by some professors and students from the university of Frague. It is divided into 4 nations, the Saxon, Misnian, Franconian, and Silesian; and has faculities of theology, law, medicine, and philosophy. It

from the university of Frague. It is divided into 4 nations, the Saxon, Minian, Franconian, and Silesian; and has faculities of theology, law, medicine, and philosophy. It had, in 1834, 34 ordinary professors; 6 in the faculity of theology, 5 in that of law, 10 in that of medicine, and 13 in that of philosophy. The total amount of their salaries was 32,410 doils. (about 4,73%), independently of certain small lees and minor emoluments. There are, besides, many extraordinary professors teaching modern languages, &c., who do not belong to the Senatus Academicus. Lelpsic university, though still well attended, has at present fewer students than usual: at the beginning of 1840 the total number was 925.

The greater number of lecture-rooms are here, as in Heidelberg, within the university buildings. Most of the students live within the walls of the 0d Paulinum, without reference to their particular department of study: the only qualification necessary to entitle them to the bursary cinjoyed there, being an examination as

to the bursary enjoyed there, being an examination as to their proficiency in learning. Some students are allowed both board and lodging in the Paulinum; others

are only entitled to a seat at the public table. "The university is rich in endowments for stipends to scho-lars; but with respect to such funds as are applicable to its maintenance and to scientific purposes, it is one of has maintenance and to scientific purposes, it is one of the poorest in Germany. An inventory of its property, which has been lately made public, states its mean towards these latter objects to amount to 8,699 dollars per annum only, not more than 800. It appears, from a statement of its yearly disbursements, that Saxony does not expend as much on this, its sole university, as the Prussian treasury expends upon the least of its provincial universities. The disbursements in question amount to 56,315 dolls. (about 8,000.), not including scholars' sti-pends, nor support of the poor (armenavaex): and the universities. The disbursements in question amount to 56,315 doils. (about 8,000.), not including scholars' stipends, nor support of the poor (sermens-eace); and the proportion of that sum which is derived from the national revenue is but \$3,626 doils., or about 2,5202. The property of the university is valued at 1,100,000 doils. (about 15,6002.); and out of this capital, which consists chiefly of house property, besides a small portion of meadow and arable land, some wood, and a few shares of mines, the yearly interest on 550,000 doils. is applicable to benevolent purposes; the interest on the remainder, about 450,000 doils., is therefore all that is available for the current expense of the university." (Journ. of Education, No. xv. 151, 152.)

The deguateum constants a library of 100,000 vols. (Horscheimann), and the university has also a museum of natural history, a botanic garden, anatomical theatre, laboratory, clinical and lying-in establishments, &c. Leipsic has, besides, a civic school, and attached to it a school of general knowledge, opened in 1814, several other superior and free achools, primary schools, &c., numerous learned attached to it as chool of general knowledge, opened in 1814, several other superior and free achools, and arrives schools, actions of contraction.

deaf and dumb, and lumatic asylums, and a house of cor-rection, nearly complete the public establishments. There are some private galleries of paintings, and other works

of art, but none deserves particular notice.

Leipsic is a manufacturing town of considerable importance. Among its chief manufactures are silken and half-silken goods, stockings, leather, hats, playing and other cards, paper hangings, oil cloth, wax lights, starch, other cards, paper hangings, on crota, was ugues, season, sealing-wax, parchaeot, tobacco, gold and silver articles, liqueurs, chocolate, &c. Artisans of almost every articles, liqueurs, chocolate, &c. Artisans of almost every kind reside in the town. Berghaus says, that of 153 boo and map sellers belonging to the kingdom of Saxony, 122 live in Leipsic; and that of 50 printing offices in the king-

kind reside in the town. Berghaus says, that of 138 book and map sellers belonging to the kingdom of Saxon, 122 live in Leipsie; and that of 50 printing offices in the kingdom, Leipsie has 22, with 110 presses, belonding 7 printing machines (achneti presses). There are also various silk-dyeing and woodien spinning factories; and a large wood market is held annually in Blay.

But the distinguishing characteristic of the commerce of Leipsie, is its book trade. Leipsie is, in fact, the grand emporium of the literature of Germany; a distinction of great importance, seeing that the number of readers and writers is greater in that than in any other country of Europa. The literary delaye which commessed in Germany immediately after the peace of 1814, continues to increase. Instead of 2,000 works, which were then about the annual complement, there are now 4,000. In 1827, the catalogue of the Easter fair amounced 4,353 new works, and that of the Micheslman fair 3,384; making a total of 7,391 in the year, or an iscrease of 363 over the number in 1836. Of this number Pruesia contributed 3,160, and Saxony (kingd. of), 1,342 publications. In the German book trade, it is the custom for almost every house, either in 1836. Of this number Pruesia contributes 18,160, and Saxony (kingd. of), 1,342 publications. In the German books to have its agent at Leipsie, who receives and distributes its publications in the same way that the London booksellers receive and distributes Rnglish publications. The great sale of new works takes place at the Easter fair, when 600 booksellers sometimes assemble to sattle their annual accounts. "The German author will submit to any degree of exertion, that his work may be ready for publication by that important season, when the whole brotherhood is in labour from the Rhine to the Vistula. Whatever the period of gestation may be, the time when he shall come to the birth is fixed by the almanach. If the auspicious moment pass away, he willingly bears his burden 12 months longer, or till the next sevent

^{*} Allg. Lönder, &c. (1838) iv. 178 According to the statement in the Headbach for Kaufleute, art. Leipzig, there were, in 1835, 106 booksellers, 30 printing, offices, with 150 presses, including 3 print-ing machines impelled by steam; 5 type and 2 sterrotype foundries; and several lithographic and copper-plate engraving establishment; and 40,740,000 shreets of letter-press, dec., were estimated to be an-multy printed at Leipzic.

great mart of central Europe for all kinds of merchandise. According to the author of Germany and the Germans is 1835-36, who visited Leipsic at one of its fairs:—" The whole appearance of the town was unique; the streets, markets, and promenades were crowded, not only with the natives of every part of Europe, but even with those of Asia, Africa, and Amelianope, but even with those of Asia, Africa, and Amelianope, but even with those of Asia, Africa, and Amelianope, but even with those of Asia, Africa, and Amelianope.

unique; the streets, markets, and promenades were crowded, not only with the natives of every part of Europe, but even with those of Asia, Africa, and America; every house, yard, and porch, was converted into a basaar for the display of merchandise, cottons, woollens, and silks of all shades; and, from every loom in Europe, were streaming like flags from the windows of the lothy houses; and although the Prussian tariff was in full force, yet I was informed by a merchant that the market was inundated with amuggled English manufactures." The statement respecting the attendance of Asiatics and Americans is, at least, no hyperbole : exclusive of Turks, Greeks and Wallachians, Georgians, Armenians, and even Persians, are present; and from 300 to 400 guests sit down daily at the tables of *Môte of some of the principal inns. It is estimated that the produce of the sale of books at the Easter fair amounts to 3,000,000 doils.

The establishment of the Prussian Customs' Union (commercial league) led many intelligent persons to apprehend that, however advantageous the new system might be for the commercial interests of Germany at large, it would exercise a most prejudicial influence over the trade of Leipsic, by materially injuring, if not annihilating, its fairs. The result, however, seems to show that the customs' union has had a directly contrary effect; and that, so far from being ruinous to the Leipsic fairs, it is the very thing which is most likely to arrest, or rather, perhaps, to retard their fall; as by giving an immense impulse to the internal communications within the German States, it has in some degree compensated Leipsic for the gradual failing off in its commerce with foreign nations. The Leipsic fairs were long the great mart whence Russia, even to the borders of China, Poland, the proves, of the Danube, and many of the Turkish provinces, were supplied with manufactures. At the Michaelmas fair of 1839, however, when she are congenessed Leipsic forten gradual failing off in the numbers of foreign purchase Michaelmas fair of 1839, however (the latest of which we have any detailed report), the falling off in the numbers of foreign purchasers was particularly remarkable. Of these, Greeks from Wallachia and Moldavia were the most numerous, their principal purchases being German broad cloths, ordinary Raglish and German cotton goods, and French silks; about 7,000 centners of manufactured goods of all kinds being then entered for those principalities. The number of Russians was small; but a great many Jews, from Gallcia, Prussian Poland, and Cracow, as usual, attended: whose chief object seemed to be that of introducing, in spite of every obstacle, manufactured goods of all descriptions into Russia. Few buyers went from Austria, Switzerland, or Italy, Trieste and Frankfort being much more convenient marts for them: France and England, also, sent fewer than usual. Still, at the Michaelmas fair of 1839, the number of buyers and sellers, as well as the amount of business done, was as great, if not greater, than on former occasions.

Broad cloths, made within a circle of from 10 to 40 (100,000 pieces were sold on the above occasion, mostly for consumption in the States of the Union. Other woollen goods, both English and German, were sold in considerable quantities, but at very low prices. British printed calleoes form an important item; but the heavier and coarser descriptions of cotton goods are sald to be in a great measure driven out of the Leipsic market by German manufactures. French and Swiss silks are rapidly increasing in demand, their use having greatly increased of late among the middle classes in Germany. Hides and leather, lace and sunbroidery, linens, hosiery, hardware and cuttery, clocks, jewellery, French china, quills, furs, isinglass, &c. are among the other goods that are most extensively met with at the Leipsic market by German manufactures. French and Swiss silks are rapidly increased of late among the middle classes in Germany. Hides and leather, lace and embroidery, linens, hosiery, hardware and cutt

name, and the seat of the judicial courts, &c. At the end of the 10th century it was only a little Slavonian village; but during the 13th it was fortiled, and its 2 principal fairs established. Its new year's fair commonced in 1498, and its book trade originated in 1546.

The vicinity of Leipsic, and, indeed, the town itself, was, in October, 1813, the scene of a most tremendous conflict. Napoleon having concentrated at this point such of his forces as he had been able to collect from the different parts of Germany, to the amount of about 135,000 men, was attacked on the 16th by the allied army, under prince Schwartsenberg, Blucher, and other generals, accompanied by the emperors of Russia and Austria, the king of Prussia, &c. The silled forces amounted to at least 250,000 men. The struggle, which was ferce, obstantse, and bloody in the extreme, terminated at nightfall with the control of the allies, which, combined with the superior force, gave the latter an advantage that all the genius of Napoleon seconded with the valuation of the superior force, gave the latter an advantage that all the genius of Napoleon seconded with the valuation of the representation of the superior of receptive the valuation of the superior of the representation of the superior of

LEITH.

the Kirkgata, was founded in 1888, and rebuilt in 1817. The par. church of S. Leith, opposite the Trinity-house, built in the 16th century, has recently been much improved both internally and externally. The parish church was at Restairig, 1 m. E. of the bor., till the Reformation, when it fell a sacrifice to the destructive church was at Restairig, 1 m. E. of the bor., till the Reformation, when it fell a sacrifice to the destructive read of the Presbyterians; since which the present building, originally a chapel dedicated to St. Mary, has served that purpose. The Free church of St. John in Constitution Street, originally erected as a swood sacra church, is a spacious Gothic edifice: it has a lofty octagonal spire, with two schools attached to it, and forms altogether one of the most imposing objects in the bor. The present parish church of N. Leith is a modern structure of Grecian architecture, on an elevated situation, with a spire 136 £. high. A handsome place of worship, in connection with the establishment, was erected in 1841 in S. Leith, and endowed by Sir John Gladstone, of Fasque, a native of the bor.; it has attached to it a school and an hospital for fesmales labouring under incurable form three sides of a square, and cost about 21,0004., exclusive of the endowment. Among the other public buildings may be mentioned the gaol, a new edifice of Saxon architecture; the town-hall, in Constitution Street, exceted in 1838, perhaps the most chasts and elegant specimen of modern architecture in the town; the Each sange Buildings, a large Grecian structure, extending to 180 £. in front, and comprising an hotel, assembly rooms, and a reading room; the Leith bank; the Castonnouse, close to the harbour on the N; the High-school, at the S. corner of Leith Links; Dr. Bell's school; various dissenting chapels, particularly an episcopal one; and the Seafied baths, erected by a joint-stock company in 1813, at the E. extremity of the town, at an expense of 8,0004.

In regard to religious instruction, in addition to the two garden charches, and Sir John Gladstone's chanci

case dissenting chapels, particularly an episcopal one; and the Seafield baths, eracted by a joint-stock company in 1813, at the E. extremity of the town, at an expense of 8,0004.

In regard to religious 'instruction, in addition to the two parish churches, and Sir John Gladstone's chapel, 5 places of worship belong to the Free church, four to the Associate Synod, and one respectively to the Bellef, Independents, Matcholists, R. Catholics, and Rpiscopalisms.

The living of N. Leith is, Greenock perhaps excepted, the highest in the Sontish church, being about 2002 a year, arising principally from the tithe of fish lended at Newhaven, and from the rent of the globe, which is feased, or let on building leases. The church of S. Leith is collegiste, or is served by two ministers.

Literature and education cannot be said to have reserved, at least till of late, much encouragement in Leith. With the acception of the High-School, an efficient seminary, built by subscription in 1806, little else has been done in furtherance of either. The proportion of young persons at school is said to amount to one tenth of the pop. There are serveral schools for the instruction of the Brooms, founded by Dr. Bell of Madras, who left a bequest of 10,000f. for that purpose. There are several sebociption libraries; and a philarmonic society for the califeration is and no newspaper is published in Leith. The near vicinity of Ediaburgh may account for these and similar facts. Dr. Henry Hunter, translator of Lavater's "Physiognossy," and John Logan, author of "Bernous and Poessa," were successively ministers of S. Leith; and John Home, suthor of "Ouglas," and Hugo Arnot, the historian of Ediaburgh, were natives of the bor. With the exception of the Trinity-house, Bell's bequest, and Gladstone's hospital and school, Leith has no important charities. The Trinity-house, the funds of which are devoted to the relief of decayed sailors or their widows, supports, by mouthly or quarterly payments, from 170 to 180 pensioners of various classes (but

In 1730, a dock was formed on the E side of the river, and that portion of the present pier which is of stone was erected; and in 1777 a small quay, called the custom-house quay, was built. But the increasing commerce of Leithsoon rendered these trifling improvements quite; in 1799, the magistrates of Edioburgh, who had the uncontrolled management of all public matters connected with the town and port of Leith, obtained an act of parliament, authorising them to borrow 160,0004. for the construction of wet-docks. In econsequence, 2 dock were constructed on the N. side of the harbour, between 1600 and 1817, each measuring 250 yards in length, by 100 in breadth, and comprising together about 10½ imp. acres. Attached to them are three graving-docks, each 126 ft. long by 46 ft. wide at bottom; and 150 ft. long by 36 ft. wide at the top; with an entrance 36 ft. wide. At average spring tides, the depth of water in the docks is 16 ft. 9 inches; and at neap tides, 4 ft. less. The total expense was 285,0004. of which 255,0004. was borrowed by the city from government, at 5 per cent.; of which 3 per cent. was to be paid annually, and 3 per cent, to be accumulated as a sinking fund for the liquidation of the debt. The city gave as security a mortgage over all their Leith property, and a concurrent claim, with other creditors, over the entire municipal property of Edinburgh, besides ceding certain effects to the admiralty.

In addition to these great works, others were undertaken in 1831-32; vis. an addition to the E. pler, of the extent of 500 yards; and the formation of a covering bulwark on the opposite side, 1,500 ft. in extent. The expense of the former (26,0004.), by government. The object of these works was to deepen the water in the channel; which was effected to the attent of about 2 ft. But after this had been done, the harbour as all but if ft. at neap tides. In fact, no vessel of above 400 tons burden could approach the harbour at the highest tides; and some times not vern vessels of that burden. Under these cir

mer port.

But it is very doubtful whether even these additional

inner port.

But it is very doubtful whether even these additional works will effect the object in view — that is, whether they will secure a harbour always accessible: and supposing them to have the desired effect, the distance from the shore to the extremity of the piers will be as great as the distance from the W. end of the docks to Granton ier or greater, and there a desp—water harbour has been already constructed; so that it would seem that the expenditure upon the works now in hand will be little better than useless the works now in hand will be little to the the seconstructed more to the W., at Trinity or Granton. Indeed, after much opposition on the part of Leith and Rdinburgh, a bill was carried through parliament in 1837, for the construction of a low-water pier at Trinity, in. W. of the harbour of Leith; but hitherto no effort has been made to carry that measure into effect. Luckly, however, the Duke of Buccleugh has been, for some years, engaged in the construction of a low-water pier on his estate of Granton, I as. W. of Leith; an undertaking of great national importance, and worthy an individual of great wealth and public spirit. This splendid work, now nearly completed, and by far the greatest of its kind attempted in Scotland, will secure for Edinburgh all the advantages of a deep-water harbour, accessible at all times. The pier which is constructed in the most annored. attempted in Scotland, will secure for Edinburgh all the advantages of a deep-water harbour, accessible at all times. The pier, which is constructed in the most approved manner, projects into the sea about 1,700 ft., shaped like a T, with its head to the N., having harbours and landing places on both aides. It has been partially open for some years, but its business has hitherto been principally confired to the accommodation of steamers. The duke is now, also, constructing a breakwater which will add immensely to the accommodation for and security of shipping. He has farther erested a large hotel with warehouses, and other buildings. Granton communicates by an excellent road and by railway with Edinburgh; and it is the point of departure for the steamers for

Burntisland.

The commerce of Leith, from its being the port of Rdinburgh, is very considerable, and has been slowly but steadily improving. It carries on a considerable trade with Australia, the E. and W. Indies, China, the Mediterranean, Canada, and the United States; but its principal foreign trade is with Holland and the N. of Kurope. With regard to its demestic trade, there are various with the comment of the principal foreign trade is with Holland and the N. of Kurope. With regard to its demestic trade, there are various companies which employ steam and other vessels in tradiug te London, Hull, Newcastle, Liverpool, Greenock, Giasgow, Aberdeen, Wick, Helmsdale, Orkney, Shetland, Dundee, Stirling, and other British ports, and te Hamburg and other continental ports.

The gross amount of customs dues collected at Leith amounted, in 1845, to 520,1244, and in 1849 to 545,855.

There belonged to Leith in January, 1830, 185 sailing vessels, of the aggregate burden of 20,525 tons, ex. 21 steamers; some of the latter being large and handsomely fitted up.

fitted up.

mounted, in 1923, to 2021, 222, 232, 1850, 185 sailing vessels, of the aggregate burden of 20,528 tons, ex. 23 steamers; some of the latter being large and handsomely fitted up.

An attempt was made some time ago by a joint-stock company to introduce flax-spinning, and the manufacture of the coarser linen fabrics, into the town; but it was found impossible, as in most similar cases, artificially to come into competition with places, such as Kirkcaldy and Dundee, where the business had been gradually formed, and iong established. A glass and bottle work has existed for a century, but out of seven furnaces only two are now at work. A pottery has been commesced. Shipbuilding has long been carried on to a considerable extent, and employs more capital than any other business in Leith. There are various extensive rope and sail works, distilleries, breweries, and iron founderies; a sugar refinery; a soap manufactory, which produced, in 1849, 5646,590 bis. of hard, and 22,570 bis. of soft soap; a small linen manufactory, &c. There are 9 incorporated trades; an incorporation of makmen; a merchant company; a chamber of commerce; six banks, and a savings' bank. A brauch of the Rdioburgh and Dalkethr ailway terminates at the quay, opening an easy communication with the extensive colliberies in the E. of Mid Lothian.

Leith existed as a town as early as the 12th century. The old church of N. Leith, long disued as a place of worship, was founded in 1453. It is now in ruins; but its cometery is still used as a burial ground. A bridge over the river, built, in 1493, by Robert Bellenden, abbot of Holyrood-house, was used till 1726, when the first draw-bridge was erected. Leith is of no small nots in the history of Scotland, having been the scene of more military service than perhaps any other town in the kingdom. It was once walled on the land side, but all traces of its fortifications have disappeared. Leith was taken possession of by Cromwell, who laid a heavy assessment on the inhabitants, and eventure in the history of the missioners were supposed to borrow as an incompanies to great the security granted to it pro tanto), for the improvement of the port, provided the whole particulars and estimates receive the authority of the Treasury. Government also postponed

LEMBERG.

its claims to such annual sum as might be required for maintaining or extending the efficiency of the port.

Previously to the passing of the Reform Bill in 1823, Leith had no parliamentary representative. But that act conferred on it, with Portobello and Musselburgh, the right to send I mem. to the H. of C. Registered voters in 1849-50, 1,323; being more than two-thirds of the entire constituency. (Boundary Reports; Campbell's Hist. of Leith; and Private Information.)

LEITMERITZ, a fortified town of Bohemia, csp. circ. of its own name, on the Elbe, here crossed by a bridge about 800 ft. in length, built partly of stone and partly of wood, 331 m. N. N. E. Frague. Pop. (1846), 4,356. It is well built, and has a handsome cathedral and other churches, a gymnasium, a theological seminary, a high school and girls' school, with manufactures of straw hats and chicory, and a considerable traffic in agricultural produce, and fish caught in the Elbe. The wines of its circle are the best of any in Bohemia, which, however, is no very high recommendation. It is a bishop's see, and the seat of a sirele council. (Octiorr. Nat. Encyc., &c.)

Encyc., &c.)
LEITRIM, a marit. co. of Ireland, prov. Connaught.

of its circle are the best of any in Bonemia, which, nowever, is no very high recommendation. It is a bishop's
see, and the sext of a circle council. (Ocsterr. Nat.
Encyc., 4c.)

LEITRIM, a marit. co. of Ireland, prov. Comnaught,
having N. Donegal Bay, B. Fermanagh and Cavan,
S. Longford, and W. Roscommon and Sligo. It is long
and narrow, stretching N.N.W. and S. S. E. nearly Som.
Area 420.375 acres, of which 129,167 are mountain and
bog, and 25.568 water, including Lough Allen, near the
source of the Shannon, which is also in this co. Leitrim is
wild, and generally mountainous; but in the vallies and
low grounds the soil, which is incumbent on limestone, is
mostly very fertile. Property in very large estates. Tillage
farms small and not unfrequently let on partnershiplesaes.
Agriculture perhaps improving, but in an excessively
backward and depressed state. There is no rotation:
corn follows corn as long as the soil will bear any thing;
or if the series be interrupted, it is only to make way for
potatoes or fax; and when the land is exhausted its
recovery is left to the vis medicatris nature; clover
and turnips are nearly unknown; and here, as in most
other districts of ireland, the potato is the all but sole
dependence of the bulk of the pop. The habitations of
the occupiers are mostly miserable buts; and, except in
a few instances, office-houses, in the proper sense of the
term, cas hardly be said to exist. Average rent of land,
lie, 8d. an acre. Some coarse linen is made for homeconsumption. Leitrim contains 5 baronies, and 17 pers.
It sends 2 mems, to the H. of C., both for the co.
Registered electors, 1849-50, 554. In 1841, Leitrim had
25,912 inhab. houses, 27,192 families, and 150,397 inhabe.,
of whom 77,501 were males, and 77,796 females.

LEMBERG (Polish, Luowe, Latin, Leopolis), a city
of the Austrian dominions, cap. Galicia, on the Peltew,
a tributary of the Bug, 186 m. E. by 3. Cracow, and
nearly 370 m. N.E. Vienna. Lat. 49° 51' 40' N.; long,
240' 24' E. Pop., inclusive of the garrison and
strang

LEMGO.

and has Rom. Cath., united Greek, and Armenian archiblahops, and Lutheran and Calvinist superintendents.

Lemberg has manufactures of cotton and woollen stanfb, with dye works, distilleries, tanneries, and a few printing establishments; but it is much more a commercial than a manufacturing city. Next to Brody, with which it has a constant intercourse, it is the chief trading town of Galicia. Its position on the high road from Odessa to Silesia and Warasw, renders it an emporium for much of the produce of S. Russia, Moldavia, and I Wallachia, in its transit to central Europe. Large fairs are held at Lemberg; the most important is that called Dret Konigs Messe (Three Kings' Fair), which lasts six weeks from Jan. 14., and attracts a vast concourse of Jewish, Christian, and even Mohammedan merchants. The Rossians bring to the fairs large quantities of pairty from Siberia and Tartary, which they exchange for the woollen and cottom goods and hardware of Austria. Large berds of cattle arrive at Lemberg from Moldavia and Bessarabia, being thence distributed to different parts of Austria and Silestia.

Lemberg is also one of the principal corn-markets of the Austrian empire. Corn is sent from it to remenysl, and the San, where it is shipped for Dentsic; and it is, also, though more rarely, sent from it to some of the mearest stations on the Dhiestr, for shipment for Odessa. Bet, owing to the length and difficulty of the navigation to either of these great emporiums, there is usually a very wide difference between the prices in them and in Lemberg. Thus, on the 98th of November, 1838, wheat sold at Lemberg for 18a. a quarter, whereas its price at Dentsic on the 90th of the same month, was no less than 41s. 6d.; the difference amounting to 26s. 4d. a quarter, being the measure of the cost of the conveyance from Lemberg to Dantzie! We may remark, by the way, that this fact sets in a very virking point of view the absurdity of the statements so frequentity put forth in our of

being the measure of the cost of the conveyance from Lemberg to Dantzie! We may remark, by the way, that this fact sets in a very striking point of view the absurdity of the statements so frequently put forth in our newspapers, contrasting prices in this country with those in foreign markets, and ascribing their excess in England wholly to the influence of our corn-laws.

Lemberg was founded in the 18th century. It was taken by Casmir I. of Poland, in 1840. It was besieved in 1648 by the fimous Cossack chief, Begdan Khmieinicki, who threatened its extermination, but withdrew on resisting a large ransom. In 1672 it was taken by the Turks; and in 1705 it was taken and sacked by Charles XII. of Sweden, when it coased to be of much consequence as a fortress. It came into the possession of Austria in 1772, since which it has progressively advanced in wealth and population. (Oesterr. Nat. Emoge.; Malle-Brum, Tabless & la Pologne, ed. 1830, 1, 419.; Private Information.)

Information.)

I.B.MGO, a town of Germany. See Lippe-Detmold.

I.B.MGO, a town of Germany. See Lippe-Detmold.

I.E.MNOS (Turk. Staliment), an island of the Grecian Archipelago, belonging to the dom. of the Porte, 43 m.

S.E. the promondory of Mount Athos, and about the same distance W. from the mouth of the Hellespout, Mount Therma being in lat. 290 53 '46" N., long. 250 8' 25" E. Area about 150 sq. m. Pop. said to amount to 12,000, chiefly Greeks. It is of an irregular quadrilateral shape, being nearly divided into two peninsulas, by two deep bays or indentations of the sas, Port Paradise on its N. and Port St. Antonio on its S. side. The letter. which is canacious and land-locked, has good sation.) radise on its N. and Port St. Antonio on its S. side. The latter, which is capacious and land-locked, has good anchorage for large ships. The E. side presents to the sea a bold rock. Monte Santo, called by Eschylus the 'Eguane hiere A speec, the brilliant description of the watch-fires between Mount Ida and Mycene: a rocky bank projects from it upwards of 8 m. into the sea. The appearance of Lemnos is far from picturesque: barren, rocky, though not very high, mountains cover about two thirds of its surface, and scarcely a tree is to be seen, except in some of its narrow valleys, which are verdant and fertile, especially on its W. side. The whole island bears the strongest marks of volcanic action: the two highest mountains have craters; there are several thermal springs, and the rocks in many parts tion: the two highest mountains have craters; there are several thermal springs, and the rocks in many parts resemble the burnt and vitrified scories of furnaces. One of its mountains, indeed, appears, from a fragment of a Greek poet preserved by Nicander, to have been constantly emitting flame and smoke; and hence we may account for the fact of this island being sacred to Vulcan, who, when precipitated from heaven, is said to have fallen on its hospitable shores:—

in the presence of the chief men of the island: when a sufficient quantity is extracted, the hole is filled up; the bags or parcels are then sealed, and, a few being sent to the grand seignior, the governor is accountable for the value of the others. But the reputation of the Lemnian earth is now much failen off, and the demand for it has proportionally declined. (Ancient Universal History, viil. 346. 870. ed.)

At present the high grounds of the inter-

346. 8vo. ed.)
At present the high grounds of the island are grazed by sheep; but the W. and S. valleys produce cora, good grapes and figs, cotton and mulberry trees. The climate, however, is too cold to ripen oranges and lemons; and the island frequently suffers from the locust.

The wine of Lemnos is of two sorts, both red; the best fetches ahout 3 paras per oke, or 2s. 2d. per bottle. It produces more than sufficient grain for its own consumption, the rest, with some wine, being sent to Mytilene; but its chief exports are ewe-milk cheese, dik, cotton, and wool. Wheat sells for 4 plastres (6a) the bushel, barley for 8 paras the oka, and cheese for the same. The inhabs, are divided between agriculture and fishing, and the womes (celebrated for their beauty) bushel, barley for 8 paras the oka, and cheese for the same. The inhabs, are divided between agriculture and fishing, and the women (celebrated for their heanty) are employed in wearing cotton cloths. The Turks resemble those of the other islands, both in dress and manners; but the costume of the Greek women is remarkable as well as picturesque. It consists of a short scarlet jacket, with long sleeves, loose in front, and reaching only a few inches down the back, very short petticoats, wide calloo trowsers gathered at the ankles, yellow Turkish sippers, and a white handker-chef tied like a turban round the head. The principal town Castro (the ancient Myrisa), on the W. side, contains 3 Greek churches; and its port, or rather cove, is defended by a little pier, and commanded by a citadel on the overhanging rocks. Ships are built here; and the natives are excellent seamen. Pop. 2,000. The other port is St. Antonio on its S. side, at the bottom of the bay already noticed. (Watpole's Memoirs, ii 84, &c.)

Lemnos, according to Pliny, had a labyrinth more remarkable than that of Crees or of Egypt. It was supported by 140 columns, and its gates were so admirably adjusted, as to be turned by a child. (Quarum is officinal turbines its librate peptraderont, at pure circumsgest tornorcatur.) It was the work of three architects, one of whom, Theodorus, was a native of the island its remains are said to have been extant it Pliny's time. (Hist. Nat. Ilb. xxxvi. cap. 13.) No certain traces of this famous edifice have been discovered in modern times; but this is probably a consequence of the island having been seldom visited by sclentific travellers, or of the changes occasioned by the action of volcanos, or other natural convulsions.

The first inhab. of the island are said to have been discounted to the said of the changes occasioned by the action of volcanos, or other natural convulsions.

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thanges occursions.

The first inhab, of the island are said to have been Thracians. In the reign of Thoas, the only Lemnian king mentioned in history, the Lemnian women are said, in imitation of the Amazona, to have treacherously killed all the males (Herodot., lib. vi. cap. 138.); and hence any premeditated and detestable murder or other crime was long after called a "Lemnian action." Militades reduced the Lemnians under the sway of Athens.

LENA, a large river of N. Asia, the principal in E. Siberia, extending through 190 N. lat., and failing into the Arctic Ocean. It rises in lat. 490 30° N., and long. 105° E., on the W. slope of the lofty granitic range, skirting the N.W. shore of the lofty granitic range, skirting the N.W. shore of the late Balkal; and from the source as far as Ust Kuisk, a distance of 350 m., it pursues a N. course; but at that point it is turned E. by a chain of hills, and runs in a very tortuous channel E.N.E. for about 1,000 m. to Yakutsk, the metropolis of E. Siberia, where it is a wide and noble river. Its general course from Yakutsk is N. down to the apex of the extensive delta formed at its mouth, the distances between these two points being about 700 m. If the distances along the stream, carefully measured on J. Arrowsmith's map, be correct, the entire length of this gigantic river is probably somewhat more than \$1,000 m. The basin of the Lena, according to filter, covers an area of about 800,000 s.m., the principal tributaries above Yakutsk being the Kirença, Vitira, and Olekma, on its E. side, while below that city, the main stream is joined E. by the Aidan, raingly several sources in the Stanovol range, and W. by the Billit, which rises on the E. side of the hills dividing the Lena basin from that of the Yenisie. The Lena has an extremely tortuous course with a sluggish stream, and encloses numerous Islands. Mr. Dobell, who trafallen on its hospitable shores:—

"Lemmos cara deo: nec fame noter Æras
Aut Lharns demans." Fol. Flaceus, ith. E. lin. 95.
This island has been long famous for its furnishing a peculiar siliconus earth or bole, celebrated for its deteringent and medical qualities, called Terra Lemmis and Terra Sigillata, from its being impressed with a peculiar sellor or mark. Galen visited the island in the second century, for the express purpose of making hinself acquainted with this earth; and he states that it was the day up with many religious ceremonies. (De Simpl. Medic., ibi. ix.) This practice has been continued down to our own times, or, at all events, to a very late period. The earth is ding up on the 6th of August, if. above the stream. The dashing and eddying of the stream in its course from one side to the other is terribly grand; and yet the native boatmen manage to descend the river without injury, even at this season. The forests on its bank are principally of spruce and the yellow pine, both of a large growth; and the soil on the mountains appears rich and good, and capable of producing grain of all sorts. Most of the farming settlements, however, are either on the level spots along the edge of the river, or on the declivities of the mountains. Below Yakutsk, the face of the country is very different: the river rolls thence through wast and almost uninhabited plains, covered with snow and ice, which never wholly melts, and beneath which have been found the carcases of mammoths, rhinoceroses, and other fossil animals." (Dobell's Siberis, ii. 62-82.; Lyell's G.ology, i. 140-144.)

LENHAM, a decayed market-town and par. of England, co. Kent, lathe of Aylesford, hund. Eyhorne, near the source of the Len, a trib. of the Medway, 13 m. W. Canterbury, and 40 m. E.S.E. London. Area of par., 6,890 acres. Pop., in 1841, 2,214. The town consists of a principal street, on the high road between Maidstone and Canterbury, intersected by another of smaller size. The church has a square tower and 16 curiously carved stalls in its interior, which are supposed to have belonged to the abbot and monks of St. Augustine, at Canterbury, who had large estates within the par. The market has been long disused; and the inhab. are almost entirely engaged in agriculture.

LENTINI (an. Leowisses), a town of Sicily, prov. Syracuse, on a hill, washed by the river Porcari (an. Lissus), near the lake of Leatnin, or Biveri, 14 m. S.S.W. Catania, and 20 m. N.W. Syracuse. Pop., in 1831, 7,276. The country round is now, as of old, extremely fertile; and the linhab are chiefly employed in its culture, in the fishery on the lake, and the sale of the produce so obtained. In the winter season the lake, which is the series of entirely engaged in agriculture.

mud that is thus left dry rendering the town and district very unhealthy: the fishery yields its proprietor, the prince of Butera, a considerable sum.

its circ. is reduced to 8 or 9 m., the exhalations from the mud that is thus left dry rendering the town and district very unhealthy: the fishery yields its proprietor, the prince of Butera, a considerable sum.

The ancient city of Leoutium, founded by a colony of Chalcidians in the first year of the 13th Olympiad (Tascodides, 11b. vi.), most probably occupied the exact site of the modern town; but the ground has been so much shaken and changed by natural convulsions, such as that of the great earthquake of 1693, that few restiges of the ancient city can now be traced. When it was taken by the Romans under Marcelus, it was one of the principal cities of Sielly, as is sufficiently evinced by the notices of it in various writers, and especially by the detailed description which Polybius has left of its state at that period. "The city of Leoutium," says he, "considered in its general position, faces the N. Through the middle of it runs a level valley, which contains the public buildings allotted to the administration of government and justice, and, in a word, the whole that is called the Forum. The two sides of the valley are euclosed by two hills, which are rough and broken along their whole extent. But the summit of these hills is fast and plain, and is covered with temples and houses. There are two gates to the city: one of them is in the southern extremity of the city, and conducts to Syracuse; the other is on the opposite side, and leads to those leads so famed for their fertility, called the Leoutine fields. Below the hill that stands on the W. side of the valley are euclosed for their fertility, called the Leoutine fields. Below the hill that stands on the view. Between these houses and the river less the road that has been mentioned." (Hompton's Polybrus, ill. 105.).

In his third oration against Verres, Cicero repeatedly refers to Leoutium, and celebrates the extraordinary fertility of its territory, Ager Leoutiusse capus extriction against Scily, was a native of Leoutium.

LEOMINISTER, a part. bor., mark

and the Society of Friends, have each places of worship; and well-attended Sunday schools are attached to the church and to various chapels. A free grammar-achool, founded and endowed by Queen Mary, "has entirely ceased to furnish gratuitous education, and has become a private school: the corporation appoints the master; but beyond paying him an annual stipend of 204, they have no concern in the management of the school." (Msss. Corp. Rep.) An almshouse, dispensary, and house of industry, are the only other public establishments. Sum collected by a rate and expended on the poor of the par., in 1847, 50%.

Leominster was formerly one of the principal seats of the glove manufacture; but latterly the business has been on the decline. Hats are made, and coarse wool-

Leominster was formerly one of the principal seats of the glove manufacture; but latterly the business has been on the decline. Hats are made, and coarse woolens, but the latter only to a small extent. Tanning is extensively carried on. The principal dependence of the town is, however, on its retail trade with the adjacent county. Coal is brought from Shropshire, partly by canal and partly by wagous, from the Clee Hills.

"The land in the borough and in the out-parish is in a great degree held, often in small portions, by the residents in the town. The country round produces, besides the common agricultural produce, apples and hope in great abundance. In the immediate neighbourhood of the town the meadow lands are let for 41. or 54 per acre. Farther off the average rent is about 22. in the out-parish the rent was represented to us much lower, seldom exceeding 36s., and sometimes falling as low as 12s. The actual farms vary in size from 80 to 400 acres. There are few tenures for lives. Some lands and houses belonging to the corporation are let for long terms, subject to three joint lives, but renewable, as the lives fall in, for fines certain. There are some leases for terms of years; but the greatest number of holdings are from

122. The actual farms vary in size from 80 to 400 acres. There are few tenures for lives. Some lands and houses belonging to the corporation are let for long terms, subject to three joint lives, but renewable, as the lives fall in, for fines certain. There are some leases for terms of years; but the greatest number of holdings are from year to year, the leases for years expiring, and the tenant holding on. A considerable quantity of the land is occupied by the proprietors. The wages of labouring men, finding their own food, are, on an average of the whole year, about 10x. per week." (Rossed, Rep.)

Leominater is a bor. by prescription, and received several charters between 1504 and 1706, the governing charter till 1835 having been 36 Charles II. The mun. officers are, a recorder, 4 aldermen, and 12 counciliors. Corp. rev., in 1847-8, 5124. Quarter and petty seasions are held in the town-hall, and there is a court for the recovery of debts under 1004. The parl. Franchise was granted in 23 Edward I., since which time the bor. has sent 2 mems. to the H. of C., the voters, down to the passing of the Reform Act, being resident burgesses and inhab, paying scot and iot. The Boundary Act made the parl. bar. co-extensive with the par. Beg. electors in 1849-30, 428. Markets on Friday: large fairs for cattle, farming-produce, acc. Feb. 13., May 13., Sept. 4., and Nov 8. (Mess. and Bossed. Rep., 8c.)

LEON, an ancient kingdom of Spain between lat. 40° 10' and 42° N., and long. 4° and 7° W.; bounded N. by Asturias, E. by Old Castile, S. by Estremadura, 138 m.: area, 10,573 sq. m. Pop., according to Milânor, 1,2265,228. The whole of this region is included in the basin of the Douro, and is intersected by several large tributaries of that river, the principal being the Pisuerga, Elias, and Tormes. The N. and S. districts are mountainous, the former comprising various offsets from the Asturian chain, and the latter being skirted by the central chain of the Peninsula, two of the highest summits of which are the Sierra de Gredos

and PSiencia in the N.; and Zamera, Toro, Valladolid, and Salamanca in the S.; the principal cities and towns being Leon, Valladolid, Cludad Rodrigo, and Salamanca. This country was anciently inhabited by the Vettenezs and Calleioi, and formed a part of the Roman Tawraconesis. Don Pelayo and his successors during the 8th century formed this district into a kingdom, called after its capital, and connected with that of Astarias. It was first added to Castile in 1057, but contensed it an uncettled state till 1250, when it was finally unsited to the downloans of Ferdinand III. king of Castile. (Milliano; Mod. True.)

Astrans. It was live some to Casaire in 1007, one continued in an unsettled state till 1230, when it was finally unsited to the doutnions of Ferdinand III. king of Castile. (Milkano; Mod. Twe.)

Laow, a city of Spain, cap. kingd, and prov. of same name, 89 m. S. Oviedo, and 176 m. N. W. Madrid; lat. 42° 45' N., long, 5° 17' 45' W. Pop., according to Milkano, 5,500. This ancient city, once the cap. of an independent kingdom and the residence of its sovereigns, stands on a kind of peninsuls formed by the Bermeaga and the Torio. It is surrounded by decayed walls, and bears in its narrow, dirty, unpaved streets, and almost rainous houses, the indications of poverty and wretchedness. Among the public buildings, the largest is the casairies of the contract of th

р. 275, &c.) Leon, a town of Mexico, state of Guanaxuato, in a fertile

Laos, a town of Mexico, state of Guanaxuato, in a fertile plain, and on the road from Guanaxuato to Lago, 36 m. W.N.W. the former city. Pop. estimated at about 5,500. It has 3 convents, a college, and an hospital, and carries on some trade in corn, &c.

LEON (18LA DE), a long and narrow island close to the S. coast of Spain, prov. Cadis, and separated from the mainland only by the narrow but deep channel of Santi Petri, crossed by the bridge of Zuarzo, which being the only point of approach to the important city of Cadiz, is defended by a trong redoubts. It is about 8 m. long by about 2 in breadth, and consists almost entirely of a dreary sandy waste, abounding with salt-water marshes. Cadis occupies a small peninsula at the extremity of a long sandy isthmus, separated from the rest of the Island by a line of fortifications called the Cortadura. (See Cadiz.)

There are two other towns, the chief of which is San

mity of a long sandy isthmus, separated from the rest of the island by a line of fortifications called the Cortadura (Sec Caduz.)

There are two other towns, the chief of which is San Fernando, otherwise called Isla, and sometimes Leon, §m. S. E. Cadiz. Pop., in 1830 (as estimated by Inglis), \$2,000; but it had decreased 9,000 since 1810, and is probably at present, 1840, under 25,000. "Isla," say Inglis, "is certainly one of the pretiest towns in Spain, and I never saw a cleaner and handsomer avenue than its principal street, which is about 1½ m. long. Every house is of the purest white, and every range of windows on every house has its green verandah." The principal buildings are the hôtel-de-ville, in the great square, and the great church, which is not only remarkable for architectural beauty, but also for a curious mansoleum, called the Passtkeen, intended for the interment of the clergy. In 1809, when Mr. Jacob visited this town (which is quite of modern growth, having been built in the middle of the last century), it was inhabited by a numerous pop., more active and industrious than in any other part of Spain; most of whom either belonged to the navy, or were engaged in the then busy dock-yard of Caracca. But its present condition is the very reverse of prosperous; for "lala," says Mr. Inglis (1830). "is a saily fallen town: the great naval school, and extensive docks, nor a pupil in the college." (Missae); Inglis, vol. il. p. 98.; Mod. Tran., dc.)

LEON D.P. NICARAGUA, a city of Central America, and the former cap. of the state of Nicaragua; in a savannah near a volcano, by whose eruptions it has occasionally suffered; a bout 50 m. N. W. Gereada, and 5 m. from the N. W. shore of the Lake of Leon; lat. 132 30' N., long, 900 56' W. Pop., estimated by Thompson in 1839 at 38,000 (Official Visit, §c. 451.); but it has since been greatly reduced by the revolutions that have taken place within its walls, and the decay consequent on the personal of the seat of government to Grenada. It is sur-

rounded by old walls; and has several suburts, a cathedral, and 3 other churches, several convents, an hospital, and a college. It is a bishop's see; and was originally founded, in 1522, on the spot now called Old Leon, but was removed to its present site in 1332. LEONARD (ST.), a town of France, dep. Haute Vienne, cap. cant., on a hill near the Vienne, here crossed by a handsome bridge, 12 m. E. Limogus. Pop. in 1836, ex com., 3,504. It was fortified in the 16th century; and has menufactures of coarse woollens, paper, earthenware, &c.

LEONESSA, a town of central Italy, in the Nespolitian documents, processed by the continuous processes and convents, and some large annual fairs. It is situated in a wild rugged country, in an amphitheatre, surrounded by mountains which, in winter, intercept the sun's rays for half the day, and render the climate very severe. (Dr. R. il. 226.)

LEONFORTE, a town of Scilly, intend. Catanta, dist. Nicosia, cap. cant., in a hollow of M. Tavi, near the Glaretta, and 37 m. W. N. W. Catania. Pop., in 1831, 10,578. Smythe says it is a fine town, in a healthy situation. It is surrounded with walls, and has a large square, from which two long and well-built streets diverge. Its trade in corn, wine, oil, and silk is considerable, and it has a large annual fair. A good deal of asphaltum is found in its vicinity. (Smythe's Scily) for loand Dizionario di Sicilia, etc.)

LEPANTO (TOWN AND GULPH OF), Lepanto, (am. Nauspaccus), a sea-port town of W. Greece, on the N. shore of the Gulph of Lepanto, about 3} m. E.N.E. from the castle of Roumelia, at its entrance, and 1 m. W. from the mouth of the Morino, lat. 380 21' 50' N., long 210' 46' E. Pop. 3,400? It is built on the side of a hill surmounted by a castle of little strength, whence two walls come down to the sea, enclosing the town on either side. The harbour, within the town. is shallow, and fit only for small craft, and the place has very little trade. In antiquity Nauspactas was a place of considerable importance. It was occupied by the At resolution. In the end, however, the allies gained a complete victory. The Turks lost above 25,000 men, killed, and 10,000 taken prisoners, and with the exception of 30 or 40 galleys, that effected their escape, their whole feet was either taken or destroyed. The Christians lost about 10,000 men, killed in the engagement, or who died of their wounds. Estimating it by the number of men engaged, this was certainly the greatest seafort that has taken place in modern times. It was. ber of men engaged, this was certainly the greatest seafight that has taken place in modern times. It was, also, the first signal victory achieved over the Turks, and diffused the greatest joy throughout Christendom. Owing, however, to the contentions among the allied admirals, the results were not such as might have been expected. (Modern Universal History, xxvii. 416—422., 8vo. ed.; Watson's Philip II., book 5.)

LERIDA (an. Iterda), a fortified town of Spain, Catalonia, 85 m. W. Barcelona, and 72 m. E. by S. Saragossa, lat. 41° 36° N., long. 0° 46° E. Pep., according to Mifano, in 1826, 12,600; but, according to Historichmann in 1833, 15,820. It is situated on the Segre (crossed here by a handsome bridge), under the protection of a hill on which

but in the end, fortune declared in favour of Afranius, and Cesar retreated to his camp. At the same time, also, the disastrous intelligence was brought to him that, by the melting of the snow, his bridges had been broken down, the country laid under water, and all communication cut off with those districts by which his army was provisioned. Famine was the immediate consequence; and Cæsar himself says—"Militum wires inopia frumenti diminural, singue incommoda in dies augebasius; et dan pancis diebus magna crat rerum facta commutatio, ac se fortuna inclinaerat, ut mostri magna inopia rerum conflictarents; illi omnibus abundarent rebus, superioresque kaberentur." Cæsar, however, without loss of time, set his men to work, and having made a sufficien fortuna inclinaeral, ut notiti magnd inopid rerum conficiarchire; illi omnibus abundarent robus, superioresque haberentur." Cæsar, however, without loss of
time, set his men to work, and having made a sufficient
number of light and portable canoes, set a party up the
river during the night, who, with these boats, effected a
landing, and fortified a camp. Huc legionem postes transducit; aique ex utrăque parte pontem institutum perficii biduo. Ita constatus, et qui frumenti causei processerant, iulo ad se recipii. (Cæs. de Bell. Civ. L. et 2.—54.)
Lerida has sustained many sleges; it was taken by storm
in 1707, during the war of the succession; and the French
again besieged it in 1810.

LERWICK. an eminent fishing station and bor. of
barony, on Mainland, the largest of the Shetland or
Zetland Islands, of which it is the cap., on the W.
margin of the Sound of Bressay, opposite Bressay
Island. Pop., in 1801, 1,706; in 1831, 2,750. The town
(4 m. In length) is built along the curvature of the bay,
and consists of a number of white houses, of from two to
three stories in height, with their gables in the Norwegian style, turned to the street, but disposed with the

and consists of a number of white houses, of from two to three stories in height, with their gables in the Norwegian style, turned to the street, but disposed with the utmost irregularity, and an utter disregard of every convenience, except that of being as near as possible to the water. The town-hall, parish church, and two dissenting chapels (Independents and Methodists), are the only public buildings. The harbour, which is entirely hand-locked by Bressay Island, is so ample, that it might contain nearly the whole British navy. Bressay Sound is a rendervous for Davis Straits and Greenland whale ships, which here take on board supplies of provisions, and complete their crews with seamen belonging to the islands, whom they part with on their return. This has always been one of the principal stations of the Dutch herring fishery; but the fishery is now chiefly in the hands, not merely of the inhab. of Lerwick, but of the islanders generally, who resort thither for the purpose. The Lerwick station (exclusive of those of Unst and Walls) in 1834, had 790 boats, decked and undecked, employed in the fishery, manned by 3,364 persons. The produce of the fishery during the same year amounted to 25,000 barrels of herrings, gutted and unquited. Cod and other species of white fish are caught in the bay and neighbouring sea, and are also extensively exported. by 3,564 persons. The produce of the fishery during the same year amounted to 25,000 barrels of herrings, gutted and ungutted. Cod and other species of white fish are caught in the bay and neighbouring sea, and are also extensively exported. There is a manufactory of straw-plating for gentlemen's hats and ladies' bonnets; a branch of business carried on both in the Orkneys and Evitand lalands. Woellen stockings, under-civiling, and gloves, all wrought with the hand, and sometimes of haps, also in discipline and military skill, to their adver-

LERWICK.

are seen the ruins of a castle now going to decay, but formerly of considerable strength. Owing to the excess of stagnant water in the vicinity, Lerida is unhealthy, and fevers prevail in spring and summer. A good quay, however, has been lately constructed, which not only keeps out the river, but forms a fine promenade. Its principal street is nearly 1 m. long; but the rest of the town is confined, and the bouses are generally ill bulk. A cathedral, three parish churches, a military hospital, and a principal content of the cathedral. A double but none requires notice except the cathedral. A double but none requires notice except the cathedral. A double light of steps leads to the terrace on which are three doors with finely-wrought iron gates, and the building is surmounted by two handsome square towers. The surtounding country, being thoroughly irrigated, is extremely productive, particularly in wine, for which its gravelly siliceous soil is well suited. Silkworms, also, are reared in considerable quantities. It has some silk and other fabrics, taning, &c., but they are not very important. (Twomerad, 1.194—197.; Mfano.)

Lerida derives its chief celebrity from its connection with Roman history. In the plain below Ilerda, Scipio (sano 216 A. c.) gained a signal victory over the Carthaginian Hanno; and about 150 years afterwards it was rendered famous by the difficulties under which Julius Cesar was placed when encamped in its neighbourhood. He had taken possession of a plain shut in between the rivers Cinga and Sicoris, and defended by a deep intrenchment, whilst at the same time Petrelus and Afranius, Pompey's generals, were encamped on a hill between him and lierda. In the intermediate space is a small plain, in the centre of which rises an eminence which, if selezed and fortified, would enable its occupier to cut off all communication with the city. For this, during five hours, the opposing armies maintained adoubtfulconflict; but in the end, fortune declared in favour of Afranius, and Cesar retrea

able products. Corn is raised on the low grounds, but the quantity is insufficient to supply the consumption of the inhab.: amongst its other products are wine, oil, figs, almonds, saffron, oranges, aloes, and honey. It has considerable numbers of sheep, and these, with wool and cheese, are among the articles of export. The products of Lisas (the an. Issa), are similar to the above, and in it, also, the supply of corn is insufficient for the consumption. The wine of Lissa, which was commended by Athensus, is new sadly degenerated. The inhab, of these islands are chiefly employed in fishing, and great quantities of fish are taken round their shores. They both furnish good marble, and prepare rosemary oil, liqueurs, &c. The town of Lesina, near the W. extremity of the island of same name, has about 1,600 inhab., and is the see of a bishop, whose diocrese comprises the islands Lesina, Lissa, and Brazza. In Lissa, which in antiquity had several flourishing towns, are San Giorgio, with one of the best harbours in Dalmatia, and Comissa, with 2,100 inhab. (Fortis's Trav. in Dalmatia, pp. 319—340.; Berghaus, &c.)

LESLIE, a bor. of barony, and manufacturing town of Scotland, co. Fife, on an eminence on the left bank of the Leven, 14 m. N. of the public road between Kirkcaldy and Cupar-Fife, 7 m. N. by W. the former, and 94 S.W. by S. the latter. Pop., in 1831, 1,821. It consists chiefly of one street, and contains a par. church and three dissenting chapels. Leslie House, the scat of the noble family of Rothes, is in the immediate vicinity. Leslie has b mills for Bax-apinning, employing above 430 hands Weaving of cotton, in connection with the Glasgow manufacturers, and of the coarser species of linen fabrics, prevails to a considerable extent, and gives employment to nearly 300 individuals. There are also 3 rather extensive bleach-fields. The nearest market-town is Kirkcaldy. Leslie has existed as a village for upwards of 300 years. Dr. Pitcairn, the celebrated physician and Latin poet was born at Pitcairn, the family Smith, author of the "Wealth of Nations," when only 3 years of age, was carried away by a party of gin-sies. The inhabs, of the village are remarkable for their rage for religious and political discussions. The first "Political Union" formed in Scotland was at Leslie, in

LETTERKENNY, an inland town and river port of Ireland, co. Donegal, prov. Ulster, on the Swilly, 4 m. from the S. W. extremity of the lough of the same name, and 18 m. W.S.W. Londonderry. Pop., in 1831, 2,160. It consists of a square and a single street; and has a parchurch, a Rom. Cath. chapel, 3 Presbyterian meeting-houses, a national school, a fover hospital, with a dispensary, courthouse, and bridewell. General sessions are held in April and Oct., petty sessions every Wednesday, and it is a constabulary station. Markets on Fridays; fairs on the 1st Friday in Jan., 12th May, 10th July, 3d Friday in Aug., and 8th Nov. Some trade is carried on in the export of corn and other raw produce, the river admitting vessels of 180 tons to come up from the lough to near the town. Post-office revenue, in 1830, 3821; in 1836, 4907. A branch of the Belfast bank was opened here in 1838. LETTERKENNY, an inland town and river port of here in 1835

LEUTSCHAU.

saries; but the ability of their generals enabled the Thebans to achieve, despite every disadvantage, the greatest triumph ever won by one Greek army over another. Ciscombrotus, the Spartan king, was left dead on the field, with many of his principal officers, and the flower of his troops. Sparta lost with this battle the ascendancy she had long enjoyed among the Grecian states. (**L'mophon.** Hellens.** Ib. vi. c., 4. : Diodorus Siculus, Ib. vi. : Mifford's Greece, v. 90. 8vo. ed.)

LHUTSCHAU (Hungar. L'Ecc.), a royal free town of Hungary, co. Zips, of which it is the cap., on a hill 120 m. N.E. Festh. Pop. (1837), 5,178, of whom Berghaus anys three eights are Protestants. It is old, and ill built, but has a large and handsome square, a Gothic church with the largest organ in Hungary, a large old town-hall, a new council-house, and several other edifices, the oldest Lustheran gymnasium in Hungary, a Rom. Cath. gymnasium, a high school, a noble female seminary, and an asylum for soldiers' children. It produces limen fabrics, and mead, of which last a good deal is sent into Poland. (**Lastrium Escept.**; Berghaus.**)

LEVANT*, a term applied to designate the coasts of Europe, Asia, and Africa, along the Mediterranean, from Cape Matapan round the Egean Sea, Asia Minor, and Syria, to the western conthres of Egypt. In the middle ages, the trade with these countries was almost exclusively in the hands of the Venetians, Genoese, and other Italians, who gave to them the general designation of **Levante*, or Eastern countries. But the term Levant, being no longer vernacular in the languages of the nations now principally engaged in the trade with the countries referred to, it seems to be falling into disuse.

**LEVEN*, a bor. of barony, sea-port, and manufaction between Leven and its suburb was long maintained by a suspension-ricipal, and not very regular, streets, running parallel to each other E. and W., with a variety of bye-lanes, and detached houses. The communication between Leven and its subu

Leven is chiefly remarkable for its manufactures. There were, a few years since, either in the town or its immediate vicinity, six mills for spinning flax, driven partly by water and partly by steam, employing about 530 hands. There are, besides, 170 hand-loom wavers of coarse linens, of whom 22 are females. It has also a foundry for cast-iron, a saw-mill, and wood yard, a mill for bruising bones, a brick and tile work, and an

ochre mill.

foundry for cast-iron, a saw-mill, and wood yard, a mill for bruising bones, a brick and tile work, and an other mill.

The harbour is formed by a creek at the month of the river. At spring-tides it admits vessels of about 200 tons; but it dries at low water, and is, owing to sand-banks, extremely difficult of access. It has a small quay; quite insufficient for the growing trade of the place. Two brigs belonging to the port are employed chiefly in the American trade, and 5 sloops are engaged as coasters. In 1835 the value of the important amounted to 43,190%; and that of the exports to 60,483%. A steamer sills twice a day to Leith in summer, and once in winter. The game of Golf is much played on the links or downs of Dubbleside. (New Bitat. Acc. of Scotland, 4 Pifeshire, pp. 264—277.)

LEWES, a parl. bor., market-town, and par. of England, co. Sussex, rape and hund. of its own name, on the Ouse (crossed here by a stone bridge), 7 m. N.E. Brighton, and 43 m. 8. London. Pop. of parl. bor., which comprises, with the old bor., parts of four outparishes, in 1841, 9,362. It is principally situated on a steep declivity W. of the Ouse, which here cuts through the chalk hills; but it partly, also, stands on the level ground on the E. side, sheltered by the South Downs, that rise abruptly almost close to the river banks. That rise abruptly almost close to the river banks. It is streets are broad, well-built, paved, and lighted with gas; and the town generally has an appearance of wealth and expectability. The chief public building is the Assizehall, in High Street, erected in 1812, at an expense of \$15,000%, comprising two courts, a council chamber, and other spartments. The house of correction, built on the plan of Howard, m 1794, was greatly enlarged in 1817, and now contains about 70 capacious rooms for prisoners, with 15 cells for solitary confinement. The silent system, with 5 cells for solitary confinement. The silent system for the works of solitary confinement. The silent system for the works of solitary confinem

Methodists, Baptists, Independents, Unitarians, &c., to which, as well as to the churches, are attached well-attended Sunday-schools. The free grammar school, supposed to have been founded in 1812, provides gratuitous instruction in classics, &c., to 12 boys, the sons of burgesses; and there is a university exhibition for the scholars, tenable for four years, of the annual value of 3d. National, Lancastrian, and infant schools, furnish elementary instruction for the children of the poor; and there are several endowed charities and benegiest in. burgesses; and there is a university exhibition for the scholars, tenable for four years, of the annual value of 38t. National, Lancastriam, and infant schools, furnish elementary instruction for the children of the poor; and there are several endowed charities and benevolent institutions for the relief of the aged, sick, and indigent. Lewes had formerly an extensive trade in wool; but this has greatly declined; and the present traffic of the place, independently of a very considerable retail trade with the resident gentry of the district, is chiefly in grain, malt, sheep and cattle; it is estimated that upwards of 80,000 sheep are sold annually at the Sept. and Oct. fairs. The Ouse is navigable up to the town; and there is a considerable trade with London, through Newhaven, its port. (5c Nawasvan.) Lewes is a bor. by prescription, and is governed by two headboroughs and two constables, elected by the burgesses; but these officers are subject to the jurisdiction of the co. magistrates. The Lemt and summer assizes are held here, and the quarter sessions for the E. division of Sussex are held in Jan., April, June, and Oct. This bor. has sent 2 mems, to the H. of C. since the relign of Edward I., the franchise down to the passing of the Reform Act being vested in the scot and lot payers within the bor. The Boundary Act enlarged the limits of the bor. so as to include with the old bor. parts of the pars. of Southover, St. Anne's, St. Thomas-in-the-Cilife, and South Mailing. Registered electors, in 1849-50, 724. Lewes is the place of election for the mems, for the E. division of Sussex, and the head of a poor law union, comprising 7 pars. Markets on Tuesday; cattle fairs, May 8. and whit-Tuesday; large sheep fairs, Sept. 21. and Oct. 25.

The fact of Lewes being a Roman station seems extremely doubful; but it had acquired its present name (said to be derived from Lessex, the Anglo-Saxon word for pastures) at least two conturies before the Norman conquest. William the Conqueror fixed on Lewes as the site of one of th

by opulent merchants and retired citizens, attracted thither by the beauty of the scenery and superior salubrity of the air. The church, which stands near the thither by the beauty of the scenery and superior salubrity of the air. The church, which stands near the centre of the village, is a handsome structure, erected in 1833, on the size of an older but still modern building accidentally destroyed by fire. There are, also, places of worship for Wesleyan Methodists and independents; and in Sydenham, besides a district church and episcopal chapel, there are three dissenters' meeting-houses. A grammar-school, founded in 1647, and now under the trusteeship of the Leather-sellers' Company of London, is conducted by an upper and under master, and is allegou to be well attended. A charity school, three subscription day schools, and several Sunday schools, have been established for teaching poor children; and there are almshouses for six poor women, and winner charitable bequests. The trade of the village is almost confined to the supply of the families resident within the par.; but at Loampit Hill some marl and chalk pits furnish considerable quantities of lime, and there are some large brick and tile fields.

LEXINGTON, a town of Kentucky, U. States, co. Fayette, of which it is the cap., on Town-forte, a tributary of the Elkhorn river, 25 m. E. S.E. Frankfort, and 70 m. S. Cincinnati. Pop. (1840) 6,997. "Its situation is in the heart of a fine district, with a great many comortable-looking villas and farm-houses in the neighbourhood. The town itself consists of handsome and substantial buildings, and is not unlike Doncaster. The chief street is a mile and a quarter in length, and 90 feet wide: there is an air of wealth about the place." (Siravi's Three Years in N. America, il 436, 437.) Lexington is one of the most ancient towns in the state, and for a long time was its political, as it still is ittle time, and for long of the content towns in the state, and for a long time was its political, as it still is its commercial,

ton is one of the most ancient towns in the state, and for a long time was its political, as it still is its commercial, cap. Its chief public estab is Transylvania university,

the oldest institution of the kind in the W. states. It was incorporated in 1788, and has now 13 professors, and usually about 300 students. In 1829 the principal edifice, with the library, was destroyed by fire; but another library of 4,400 vols. has been collected. There are several superior private schools. The state lunatic asylum, founded in 1824, and which, in 1828, had 122 patients; the U. States branch bank, court-house, market-house, a large masonic hall, and eight churches, are the other chief public edifices. Lexington has manufactures of cotton bagging, cordage, woollen cloths and yarn, carpets, machinery, &c. The inhab are said to be hospitable and accomplished, and the tone of society agreeable. The town derived its name from a party of hunters, who first heard, while encamped on the spot where it stands, of the memorable engagement between the Ameers, who first heard, while encamped on the spot where it stands, of the memorable engagement between the American and British treops at Lexington in Massachusetts, in 1775. A railroad, 28 m. in length, connecting this town with Frankfort, is intended to be continued to Louis-ville, on the Ohio. A good turnpike road, 64 m. long, has been also completed between Lexington and Mays-ville. (Imer. Almanack and Eacyt.)

LEYDEN (Lat. Lugdsunum Batanorum), a celebrated city of Halland being the fourth in the kinedgen of the

LEYDEN (Laz. Luggunum Balmorrum), a criebrated city of Holland, being the fourth in the kingdom of the Netherlands, on the Old Rhine, 21 m. S. W. Amsterdam, and 10 m. N. E. the Hague: lat. 52° 9' 29' N., long. 40' 29' 38" E. Pop., in 1844, 28,500. It is surrounded by ramparts and a wet ditch, and is entered by ancient gateways. "On the outer side of the cingel, or ditch, which ways. On the other since of the carget, or dark, which severy where encompasses the town except where it is cut by the Rhine, is planted a beautiful double avenue of trees, forming agreeable walks for the citizens; and on the inner side rise the low green mounds, which serve the purpose of wails to this venerable city." (Chombers.) Like other Dutch towns, Leyden is traversed by canals, crossed by numerous bridges; though, as its trade is but triffing, the canals are of little use. The streets are usually long, broad, and well built; and there are some striking public edifices, and the town has an antique venerable appearance. Barrew compares the Breede Straat (Broad Street) of Leyden to the High Staeet of Oxford, reckoned among the finest in Europe. He says—"In the first place, it is much wider, and at least three times the length; and, contrary to the usual practice of laying out streets by the Dutch, it has the same gently winding turn, but wants the gradual ascent, which contributes so much to the beauty of the High Street of Oxford. The houses in that of Leyden are generally superior and more picturesque; and, though the number of colleges of ancient architecture, with their turrets, towers, and spires, in Oxford, exceed the number of public buildings in the Broad Street of Leyden, there is one, at least, that will bear comparison with the most picturesque college in High Street. This is the old Hôtel de Ville, built, as appears by an inscription in front, in the year 1574. It has a tall spire, semewhat remarkable in its architecture, and not inelegant. It is built of a dark blue stone, which has the appearance of black marble, and its prominent parts are tipped with gilding. The body of the building has nearly 30 windows on a line in front, 3 pediments, or gables, highly ornamented, a handsome balustrade, surmounted by a ridge of stone giobes, ard the whole front of this remarkable piece of architecture may be said to be every where encompasses the town except where it is cut by the Rhine, is planted a beautiful double avenue of

" With glist'ning spires, and pir

"With glisting spires, and pinancies adorn'd."

The ground-floor of the town-house is appropriated as a market for butchers' meat, but this is not seen from the street. Nothing can exceed the cleanliness of Leyden in all its streets, whether those with or those without canals. The former, with their quays, are particularly neat; and the bridges are mostly of stone, of which, they pretend to say, there are not fewer than 150." (Town in Holland, 76, 77.) In the council and audience chambers, on the first-floor of the town-hall, are several valuable paintings, as the Last Judgment, by Lucas Van Leyden; a large picture, representing the state of the city and its inhab. during its slege by the spaniards, including a portrait of the heroic burgo-master Vanderwerf. The church of St. Peter, founded in 1321, one of the finest Gothic edifices in Holland, contains the tombs of Boerhaave, the Meermans, Scaliger, Camper, &c. Near this church, is a large openquare, ornamented with trees, and having a canal in its centre; it was formerly covered with houses, accidentally destroyed by the blowing up of a boat laden with gunpowder in the canal, in 1807. About 180 persons lost their lives on this occasion. The church of St. Pancras has also a most imposing front, and the tomb of Vancraver, in the centre of the city is a ruined tower, called the burg, of uncertain but ancient date, erected on the only elevated spot of ground for many miles round. state of the city and its inhab. during its siege by the Spaniards, including a portrait of the heroic burgon at 1821, one of the finest Gothic edifices in Holland, so the Last Judgment, by Lucas Van Leyden; a large picture, representing the state of the city and its inhab. during its siege by the Spaniards, including a portrait of the heroic burgon as the Loudent of St. Peter, founded in 1821, one of the finest Gothic edifices in Holland, contains the tombs of Boerhaave, the Meermans, Scaliger, Camper, &c. Near this church, is a large open square, ornamented with trees, and having a canal in its centre; it was formerly covered with houses, accidentally destroyed by the blowing up of a boat laden with gunpowder in the canal, in 1807. About 150 persons lost their lives on this occasion. The church of St. Pancras has also a most imposing front, and the tomb of Vanderwerf. In the cantel, its contractive of ground for many miles round.

Leyden is a very dull inanimate town, without manufacture; and proving the contractive of the Finest Prince, and the tomb of Vanderwerf. In the costre of the city is a ruined tower, in the cost of the city is a ruined tower, in the cost of the city is a ruined tower, or the contractive of the province of the finest contractive, and the Dutch Society of the Finest Cook, and the children belonging to the city are being instructed: a small fee is exacted in the poor-schools, which is not usual in Holland. (De Clocet, p. 268.) Perhaps, however, this laterment, is exaggerated; but it is said to have had, in 1858, about 3,000 houses, and 100,000 houses, and 100,000 houses, and 100,000 houses, which, at an exact of the finest contractive of the finest cont

DEN.

period, was one of the most celebrated in Europe, was founded by the Prince of Orange, in 1875, to reward founded by the Prince of Orange, in 1875, to reward the inhab, for their bravery, and as some compensation for the sufferings they sustained during the siege of the city by the Spanlards. It soon attained to the highest estimation, being deservedly esteemed one of the very best of the Coutinental schools for the study of classics, law, medicine, and divinity. Among its professors, are the illustrious names of Doussa, Joseph Scallger, Daniel Heinsius, Gomarus, Arminius, Boerhause, Van Swieten, Leeuenhoect, Sgravesande, Burman, Ruhnken, &c. Grotius and Descartes were of the number of its pupils, as were Evelyn, Fielding, and Goldsmith. And though no longer so celebrated as formerly, it is still extremely well conducted, has valuable libraries and scientific collections, and able valuable libraries and scientific collections, and able and learned professors. In 1835, it had in all, 647 students; of whom, 280 studied law, 212 divinity, 131 medicine, and 45 philosophy. The college buildings are detached, and, in fact, are placed at considerable distances from each other, in different streets; they are all plain stone and brick, and sufficiently evince, by their appearance, that they have been intended for use and not for ornament. The principal of these buildings, which is very old, and was formerly a religious house, stands on the W. side of the city; its hall, in which the exensus academicus meets, is adorned with a fine portrait of William Prince of Orange, founder of the university, and upwards of 100 portraits of professors in historical succession. The senatus consists of 33 professors; and as this university requires no test of religious faith, either from its professors or scholars, it comprises all sects and demominations, both Christian and Jewish. Most of the lectures are delivered in Latin, and the public announcement of the courses is in that language. The students, who tions, both Christian and Jewish. Most of the lectures are delivered in Latin, and the public announcement of the courses is in that language. The students, who wear no particular dress, reside in lodgings in the town; and the greater number subscribe to a club-house and reading-room, supplied with German and French publications. The students of Leyden bear a high character for diligence; but, among other drawbacks, junior students have to act for six weeks as fags to those of older standing; and duelling is said not to be laid under any efficient restraint. efficient restraint.

efficient restraint.

The museum of natural history, attached to the university, surpasses most others in Rurope, being mainly indebted for its excellence to the public spirit of the Dutch naval officers and foreign employes, who take every opportunity of forwarding natural curiosities to their native country; but it also oves much to the ecquisition of the valuable collection of birds by Temminck, and to the labours of travellers and collectors sent by the scansius to Africa, S. America, and other parts of the globe. The museum, which is open grasss to all classes, consists of an unper and under story, occurring four consists of an upper and under story, occupying four sides of a large court. The classification of the animal hingdom is according to the system of Curier; and such is the seal manifested in perfecting the collections, that Mr. Chambers mentions that 2,500 guilders, or 2084. sterling, had recently been paid by the university for one shell of a manifests, to complete the series of such specimens!

specimens!

The museum of Egyptian antiquities is particularly rich in papperi, jewellery, and gold ornaments; and comprises monuments from the rules of Carthage, and the largest collection of Etruscan bronzes N. of the Alps. Siebold's extensive and valuable Japanese museum is also in Leyden. The library of the university has 60,000 printed volumes, and 14,000 MSS, more than 2,000 of which are Arabic. The botanic garden, which comprises several acres, and is extremely well laid out, has an extensive series of specimens, arranged according to the systems of Linnasus and Jussieu, with extensive conservatories for rearing and preserving tropical plants, &c. plants, &c.

LEYTON (LOW).

manufacture of coarse cloths, and of counterpasse, rags, &c. It also carries on some other branches of industry, and has a considerable traffic in wool, butter, and other articles of agricultural produce. It is consected by canals with Haarlem, Defit, and the Hague. During the latter part of the 17th, and the greater part of the 18th century, the most interesting as well as the most celebrated branch of industry carried on at Leyden was that of printing and publishing. Many of the best and most beautiful of the Dutch editions of the classics, in 12mo., 8vo. and 4to., including most of those by the Elzevire, issued from the presses of this city, and would alone have conferred on it imperishable resown. A good deal of printing and publishing is still carried on; but we shall look in vain among the works now published here, or, we may add, anywhere cise, for any that will bear a comparison with the chefu-d'arwere siluded to above.

A good deal of printing and publishing is still carried on; but we shall look in van among the works now published bere, or, we may add, anywhere else, for any that will bear a comparison with the ckefa-frawer allheded to above.

The slege of Leyden by the Spankards in 1574 is one of See most messorable weets in the history of the great struggle made by the United Provinces to emancipate themselves from the blind and brutal despotism of Spain. The inhabitants displayed the most invincible courage and resolution. Valdes, the Spanish general, despoiring of being able to carry the town by storm, endeavouraed to cat off all communication between it said the surrounding country, and to effect its reduction by famine. He completed his lines of circumvallation, and so far succeeded in his object, as to estail the most treasendous suffering on the inhabitants, without, however, shaking their determination to die rather than give up their city to the enemy. At length the country round the town having been laid underwater, a squadron of fast-bottomed boats laden with provisions and stores made its way through the Spanish lines to the city. This was decisive of the fate of the siege; the Spaniards being obliged immediately to raise it, after having incurred a very beavy loss. (Watson's Philip 11., b. 13.)

Leyden has given birth to some highly distinguished individuals. Rembrandt was born (in 1696) in its immediate vicinity; and it is the native place of Gerard Douw, Vanderveide, Heria, Jan Steen, and other distinguished painters; and of Vossius, Heinitus, Muschenbrock, Van Swisten, John Bocholt, better known as John of Leyden, founder of the Annhapitats, &c. The learned and laborious geographer Philip Cluvier, or Cinserrius, though a native of Dantzie, rasied principally in Leyden, where his learned and excellent works on the geography of ancient Germany, Sielty, and latay, and his valuable Issurday also of the America, in the structure of the America, and the park of the produce of Courland, as active, his substrained t

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into the Atlantic within the colony, —as the St. John, St. Paul, Mesurado, &c.; but they are navigable only by small vessels for abort distances. The want, indeed, of any great navigable river that might have opened an intercourse with the interior, is a heavy drawback on the prosperity of this colony; and will always hinder it from becoming a place of much consusercial importance. The soil is said to be fruitful, and the climate better, or rather less destructive, than in most other parts of the coast. Rice, cotton, coffee, sugar, indigo, bananas, caseava, and yams are reised; and camwood, palm-oil, ivory, hides, wax, and pepper, are among the exports. The settlement is visited by traders from the interior, and some trade is carried on with Europe and America, partly in colonial shipping. The care of the local interests and subordinate affairs of the colony is confided to native colonists, and it has two legislative chambers; but the powers of government are, notwithstanding, substantially vested in the agent of the American Colonisation Society. Its object, in fact, was to serve as an outlet for the blacks, who might there enjoy that independence and consideration which long-cherished prejudices hinder them from enjoying in the United States; and it was supposed that the being able to dispose of manumitted alaves by sending them to this colony would promote the practice of manumission; but we believe that in this respect it has had very little influence, only about 2,000 liberated slaves having been sent to it. A good many blacks rescued from slave-ships on the African coast and elsewhere have been landed here. Primary schools have been opened for the instruction of the blacks, and it has several churches, and a printing-press. But we understand, that, on the whole, the condition and prospects of the colonists are not very satisfactory.

Gricor many of the control of the chief town, Monrovia, on Cape Mesurado, lat. 69 25° N., long. 10° 36° W., has about 1,200 inhab. (Encyc. Americans ; Murray's Encyc. of Geog., Amer. edit. iii. 45; Macqueen's Survey of Africa.)

G. S. N., long. 10° 36′ W., has about 1.300 inhab. (Enege. Americans a Murroy's Enege. of Geog., Amer. edit. iii. 45; Macqueen's Servey of Africa.)

See SUPLEMBUT.

L. BOURNE, a town and river-port of France, dep. (Gronde, cap. arrond, on the Dordegne, at its junction with the Isle, 26 m. E.N.E. Bordeaux. Pep. in 1846, ex. com., 8,850. Few towns in France are so regularly and well built. Its streets are wide and clean, its houses elegant, and it is surrounded with good walls and agreeable promensdes. Among the chief public edifices are extensive cavalry barracks, a theatre, a public library, with 3,000 vols., and a handsome brick and stone bridge of 9 archee across the Dordogne. The port, at high water, has from 10 to 16 ft. water, admitting vessels of 200 tone burden. Libourne is the seat of a sub-prefecture, of tribunals of primary jurisdiction and commerce, and a sub-commisseriat of marine. It has manufactures of woollen stuffa, articles of military equipment, glass and cordage, and docks for ship-building. It is an entrept for salt and agricultural produce destined for Bordeaux. It was founded by Edward I. of England, in 286. (Hago, art. Gironde, §c.)

LICHFIELD, a city, parl. bor., and co. of itself, locally situated in co. Stasford, hund. Offlow, 15 m. N. Birmingham, 29 m. W. Leicester, and 108 m. N.W. London. Area of the co. of city (which is co-extensive with the parl. bor.) 3,180 acres. Pop., in 1841, 6,867. The city, which stands in a fine valley, on a small affluent of the Trent, is irregularly built, with narrow streets; but it is well paved and lighted, many of the houses are heguildhall, a neat stone edifice, on the top of which are carved the city arms; the market-bouse, occupying the site of an old market-cros; the bishop's palace, in the Close, and as small theetre. Lichfield is an episcopal see, and has a noble cathedral on the N. side of the town, close to a fine sheet of water. It is built chiefly in the decorated Gothic style peculiar to the 12th and 12th centuries, and comprises a nave, ch

At an average of the three years ending with 1831, the nett revenues of the bishoptic of Lichfield amounted to 3,923. a year; and at an average of the seven years ending with 1834, the revenues of the cathedral amounted to 1,673. a year. In the city are 1 par. church and 2 chapeiries, in the patronage of the dean and chapter; besides which, there are places of worship for Independents, Wesleyan Methodists, Rom. Catholica, and other bodies of dissenters. Among the educational establishments are several Sunday schools, 3 national establishments are several Sunday schools, 3 national establishments are several Sunday schools, 3 national establishments are several Sunday schools, and a free grammar-school, founded by Edward VI., and stated to be in a fourishing condition, with 21 free boys and several stipendiary pupils boarding with the masters: among the former pupils of this school are the illustrious names of Ashmole, Addison, Garrick, Johnson, and Woollaston. The charitable institutions comprise two almshouses, an hospital for clergymen's widows and orphans, a mendicity society, and a dispensary. Lichfield has no trade or manufactures of importance: a carpet factory gives employment to about 150 persons, and 23 others are returned as belonging to a worsted-mill. Its trade is chiefly local, arising out of the wants of the town and neighbourhood, and there is little show of activity amongst those engaged in business. The the town and neighbourhood, and there is little show of activity amongst those engaged in business. The Grand Junction Canal passes the city, and it is now, also, extremely well supplied with railway accommodation. It was anciently governed by a guild, dissolved by Edward VI., who gave it a charter of incorporation, subsequently confirmed by Charles II. Under the Municipal Reform Act, the bor. is divided into 2 wards, and the municipal officers are, a recorder, mayor, and 5 other aldermen, and 18 councillors. Corp. rev., in 1847-48, 2.750V. Quarter and petty sessions are held in the guild-hall, and it has a county-court, before which 508 plaints were entered in 1848. Since the 33d Edward I., Lich-field has, with some intermissions, sent 2 mems. to the H. of C. Previously to the Reform Act, the franchise was vested in the freemen and burgage-holders of the city. The boundaries of the present parl. bor. include city.

was vested in the freeholders of the cot of the city of Lichfield, and in the freemen and burgage-holders of the city. The boundaries of the present parl. bor. include the co. of the city, and the place called "the Close." belonging to the cathedral. Registered electors, in 1849-50, 863. Markots on Tuesday and Friday; fairs, Jan. 10, 863. Markots on Tuesday and Friday; fairs, Jan. 10, 863. Markots on Tuesday and Friday; fairs, Jan. 10, 863. Markots on Tuesday and Friday; fairs, Jan. 10, 867 Markots on Tuesday and Ash-Wednesday, for cattle, sheep, bacon, and cheese; May 12, for sheep and cattle; and first Tuesday in November for cheese.

LIECHTENSTEIN (PRINCIPALITY OF), andep. state of S. Germany, and, according to most authorities, the least in extent and pop, throughout Europe; between lat. 470 % and 470 187 N, and long, 90 36% and 90 38° E.; having S. the Swiss canton of the Grisons; W. the canton St. Gall, from which it is separated by the Rhine; and E. the Austrian duchy of Vorarlberg. Area, 53 sq. m. Pop. 16,351. The surface is mostly mountains; a range of the Grison Alps traverses it, separating the Rhine from the Samina, a tributary of the Ill. Cattle-reeding, agriculture, timber-custing, and cotton spinning, especially the first, are the chief occupations of the inhab. Corn, wine, fruit, and flax, are the principal articles of culture. The government is vested in the prince, and in a assembly of deputies of the clergy and rural proprietors. Appeal from the court of original jurindiction in Vadutz, lies to the court of original jurindiction in Vadutz, lies to the court of the court of princip, furnishes a contingent of 55 men to the army of the German confederation: it has one vote in the full council of that body, and, together with other small states (see GRMANY, Vol. I. p. 894.), a vote in the committee, and the 16th

a contingent of 55 men to the army of the German consideration: it has one vote in the full council of that body, and, together with other small states (see Germann, total prince). In 894, a vote in the committee, and the lifth place in the German diet. The Prince of Liechtenstein is one of the richest proprietors of Europe: his estates in other parts of Germann, but especially in Moravia, extend over nearly 2,200 sq. m.; and his annual revenue is estimated at 1,200,000 Sories; of which amount, however, his indep. sovereignty yields only about 20,000 st. LiEGR (Dutch Legik, Germ. Littide), an important commercial and manufacturing city and river port of Belgiums, cap. prov. of same name: on the Maese, 13 m. S. by W. Maestricht, and 54 m. E. by S. Brussels; lat. 502 29 22" N., long, 503! 42" B. Pop., in 1846, 79,561; but the city is surrounded by a neighbourhood with a dense pop., employed in branches of industry similar to its own. Its pop. in the middle of the 15th century is said to have amounted to 120,000; latterly, however, it has been increasing. It is situated on the declivity and at the foot of a hill, and is consequently divided into an upper and lower town. The latter stands at the confluence of the Ourthe with the Maese, and is intersected by many branches of healts named river, which are enclosed by stone walls, and crossed by numerous bridges. The chief bridge, the Pont del Arche, thrown across the main stream

whole building was thoroughly repaired in 1787-90, at of the Maese, is 153 yards in length, 49 ft. in breadth, an expense of 6,000. The chapter comprises a deam, 6 and has 6 arches, varying in diameter from 50 to 55 ft. residentiary canons, 14 prebendaries, and 5 priest vicars. At an average of the three years ending with 1831, above and below this bridge, for the whole length of the the nett revenues of the bishopric of Lichfield amounted to 3,932. a year; and at an average of the seven amounted to 1,6732. a year. In the city are 1 par. church and 2 chapteries, in the patronage of the dean and chapter; besides which, there are places of worship for there are only a few outworks. There are 16 suburbs, Independents, Wesleyan Methodists, Rom. Catholica, Liege is, generally speaking, ill built. In both the lower and other bodies of dissenters. Among the educar and upper town, the streets are narrow, and in the latter tional establishments are reveral Sunday schools, 3 native stabilishments are reveral Sunday schools, 3 native schools, 3 native stabilishments are reveral Sunday schools, 3 native schools as to be ascended in many places by slights of steps. Among the 1s squares, are 2 tolerably spacious; in one of which stands the town hall, and in the other the theatre. The town hall, comprising the provincial court-house and prison, is a dark stone building, of great extent and magnificence, with two open courts, surrounded with a colonnade resembling that of the ducal palace at Venice. It was formerly the residence of the prince-bishops of Liege. The cathedral of St. Lambert stood in this square; but it was destroyed by the French revolutionary forces in 1794, and no traces of it exist. The church of St. Jacques, in the decorated Gothic, is the architectural glory of the city. It was completed in 1852. Its interior is astonishingly magnificent, and displays some of the finest specimens of tracery and fret-work that is any where to be met with. It has a noble organ, but its statues and paintings are inferior. St. Croix, and some of the other churches, of which there are 21 R. Catholic and 1 Protestant, are also fine structures. The theatre is a handsome modern building, surrounded by an arcade: from the square in which it stands a piece of water runs to encircle the town on its W. side, bordered by a promenade planted with trees. The buildings of the university stand beside the Mases, on the ruins of a church of the Jesuits. This institution, founded by the late king of Holland, in 1816, has faculties of theology, law, and physic; 46 professors, and usually from 400 to 500 students. It possesses a cabinet of 3,000 fossils, found in the vicinity, and other scientific collections, and a library comprising many curious MSS.

According to Mr. Chambers, "The sight of Liege at once reminds us of an English manufacturing town. We hall its engine chimneys and smoke as emblems both of wealth and advancement in the mechanical arts; and as we drive into its busy streets, and pass along its open quays througed with commerce, we are apt to inquire of ourselves, can all this be on the Continent, and not in one of the manuf

The manufacture of casnons and nre-arms in time which Liege and its environs are most celebrated. The royal cannon-foundry in this city, instituted in 1802, produces at an average 9 pieces of ordnance weekly, partly the control lies. There are numerous manufactures are numerous manufactures. anufacture of campons and fire-arms is that for duces at an average 9 pieces of ordnance weekly, partly brass and partly iron. There are numerous manufactories of fowling-pieces, muskets, pistols, &c. The guns of Liege are said to be cheaper than those of England; but there is not, we believe, any real ground for such an assertion; they may perhaps cost less money, but then they are not nearly so well finished, nor so good, as Euglish guns. Had they been really cheaper, the manufacture would not have declined so rapidly as it did during the 4 years ending with 1838.

_	Fow	ling Pie	200.	Pi	Mustrets and Mi-		
Years.	Single Barrels.	Double Barrels.	Several Barrels.	Horse.	Pocket.	litary Pire Arme.	
1835 1836 1837 1838	100,488 152,044 103,083 56,753	24,539 24,846 23,041 21,226	7,129 8,438 16,316 13,906	15,737 22,066 12,455 10,354	49,488 70,314 43,724 52,637	74,608 71,751 39,300 34,542	
Total	412,568	93,452	45,789	60,632	¥16,163	220,301	

the Masse. The palace of the former prince-blabops at that place having been bought in 1817 by the Messieurs Cockerill, Englishmen, they established in it the largest hardware manufacturing establishment in Belgium, or indeed on the Continent. It is devoted to the construction abhardware of machinery

hardware manufacturing establishment in Belgium, or indoed on the Continent. It is devoted to the construction of steam-engines and other descriptions of machinery, and to forging and manufacturing iron and iron goods. It is said that 60 steam-engines, of the aggregate power of 695 borses, are constantly employed in this factory, with from 2,000 to 2,200 workmen, 500 of whom are miners. Most of the locomotive engines upon the Beigium railways, the engines for steam vessels, &c. used in Belgium, have been made here, and many have also been sent to other parts. But we regret to have to add, that from some cause or other, Messrs. Cockerill have recently been involved in serious difficulties; and if their works be now carried on, it must, we apprehend, be through the advances that have been made them.

Liege has also manufactories of files, nails, stoves, and other ornaments; woollen and cotton fabrics, hats, glue, tobacco, paper, chemical products, &c.; with numerous dyeing houses, tanneries, and distilleries. It has an exchange, a chamber of cummerce, a bank, with the privilege of colning money, a savings bank, a mont-serficies. A railway connects Liege with Louvain and Brussels.

Brussels. A fainwy connects Liege with Louvain and Brussels. In the 7th century, a village named Legis occupied a part of the site of the present city. In 712, the ancient eathedral was founded, and Liege was erected into a bishopric. In the 10th century its bishops were raised to the marked for higherenders covered mineses. In the such

In the 7th century, a village named Legis occupied a part of the site of the present city. In 712, the ancient eathedral was founded, and Liege was erected into a bishopric. In the 10th century its bishops were raised to the rank of independent sovereign princes. In the succeeding ages continual wars and disturbances prevailed between the burghers, who were ardently attached to popular institutions, and the prince-bishops. It was taken on the 30th of October, 108, by Charles the Bold, duke of Burgundy, and barbarously delivered up to military execution. During the French ascendancy, it became the cap. of the dep. of Ourthe. (Vandermacien, Dict. of the Provo Liege: Briavoinne, de l'Industric en Betgique; Heusching, Chamberz, &c.)

L'EGNITZ, a town of Frunsia, prov. Silesia, cap. gov. and circ. of Liegnitz, on the Katsbach, at its confuence with the Schwarswasser, 46m. W. by N. Bresian; iat. 510 12 49° N., long. 16° 9 40° E. Pop. (1837), 11.607. It was merily a fortress of some strength, but now has only gates without walls; and its ramparts being planted with trees and laid out in gardens, serve only for public walks. It is an old, but a bandsome, well built town: it has several suburbs, 2 Lutheran, and 3 R. Cath., churches; a fine chapel — the Purstencapelle — in which are buried the princes of the line of Plast, a dynasty which gave 4 kings to Poland, and 123 dukes to Liegnitz, from 775 to 1678, when the family became extinct; the old castellated palace of those princes in the centre of the town, surrounded by a wet ditch, an ancient council-house, a gymnasum, an academy, established in 1810 for the some of Silesian gentlemen, whether R. Catholics or Protestants, an orphan asylum, a workhouse, an hospital, &c. Outside the town is a good cemetery. Liegnitz is the seat of the superior judicial courte, boards of taxation, and weights and measures, &c. for its gov., and the head-quarters of several battalions of fusileers, of a lassicator or milital battalion, and starch, and has several breweries and bleaching gr

LIMA.

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meeting-house, a barrack, and a courthouse and prison for the co. Dooggal. It sent 2 mems. to the Irlah parliament till the Union, when it was disfranchised.

LIGOR, a town of S.E. Asia, cap. of a Malay principality, dependent on Slam, on the Ta-yung near its mouth, in the Gulph of Slam, about lat. 8° 17' N., long. 100° 19' E. Pop., estimated at 5,000; chelly Slamese, Malays, and Chinese. It appears to have been formerly more populous; but it was captured by the Burmese, and its inhabs. carried off, in 1760, and again in 1783. It has brick ramparts, and a wet ditch; and in 1825, 14 cannon were mounted on its walls. Within the town are many brick temples and pyramids, one having a gilt spire, a conspicuous object at sea; but all the dwelling-houses are of less solid materials. Two or three Chinese junks trade with Ligor, bringing outton, and taking back tin, black pepper, rattans, &c. The rajah of Ligor has extensive authority, with the power of capital punishment over all the Malay states, tributary to Slam, (Crantfurd's Stam, &c., it 211.; Hamilton's E. I. Gactleter.)

LiMA, the cap city of Pars. and next to Mexica the

nishment over all the Malay states, tributary to Siam. (Crawbrat's Siam., &c., il. 311.; Hamilton's E. I. Gazetteer.)

LIMA, the cap. city of Peru, and, next to Mexico, the most magnificent in the countries formerly comprised in Spanish America, on the Rimac (whence, by corruption, the name of the city), in a delightful valley, from 500 to 600 ft. above the level of the ocean, 6 m. from the port of Callao, on the Pacific, and about 300 m. 8.8.E. Truxillo: lat. 120 37 45° S., long. 77° 17° 15° W. Pop. variously estimated, but it may probably smount to between 30,000 and 60,000. The great chain of the Andes passes within 20 leagues of the city; but its spura approach to within three fourths of a league from its gates, and form an amphitheatre, within which Lima is built. The Rimac, which separates the city from its suburb, San Lazaro, is crossed by an excellent stone bridge of six arches, which being furnished with recesses and seats, is a favourite promenade. The city, about 3 m. in length R. to W., by 14 m. in its greatest breadth, is of a triangular, or rather, semi-circular, shape, the base, or long diameter, being formed by the river. Elsewhere, Lima is surrounded by a parapet wall, about 7 m. in circult, from 18 to 25 ft. high, and about 9 ft. thick: it is pierced by six gates, open from 4 a. m. to 11 r. m., and is defended by 35 basitons. Except at some of the bastions, the wall is too narrow for the mounting of artillery; and it is merely sufficient to protect the town against any sudden attack by an Indian force, for which purpose it was constructed, in 1685. At the 8 E. extremity of the city is a small citadel, in which are the artillery barracks, and a military depot. When seen from Callao roads, or even from a less distance, Lima has an imposing appearance, its is ladd out in qwadras, or squares of houses, 400 ft. carcel, way, and divided by streets 33 ft. wide, intersecting merous domes and spires giving it quite an oriental aspect. Like the other Spanish cities of America, it is laid out in quadras, or squares of houses, 400 ft. each way, and divided by streets 32½ ft. wide, intersecting each other at right angles. The courses of the streets do not follow the cardinal points, but vary from E. to S. E., that the wails may cast a shade both in the morning and afternoon." In 1791, the city, with its suburb, El Cercado, contained 200 quadras, and 356 streets. Since then little or no improvement has been made; not a single new dwelling having been built within the walls during the last 30 years. (Thee Years in the Pacific, 1. 379.) Through the centre of nearly all the streets discreted E. to W. runs a stream of water, 3 ft. wide, used as a receptacle for all the fifth thrown out from private dwellings. Most of the refuse is, however, got rid of by the Turkey buxsards, which swarm in Lima, and, like dogs in Lisbon, are the most efficient, or rather, the only scavengers. The streets are paved with round pebbles, and the narrow foot-paths with flat stones, in very bad repair. The same plan extends to the suburb of San Lazaro. The city is divided into 4 quarters, and each of these into 35 darrios. For each barrion an alcalde, or district magistrate, is selected from among the inhab. For religious purposes, it is divided into 4 parishes. On account of the frequency of earthquakes, few houses are more than one story high, or if there be two stories, the walls of the upper consist of only cane, or wattled reeds, plastered over with clay, and whitewashed or painted. This kind of architecture is applied to even the churches and other public edifices, their upper parts being of wood-work. covered with stucco. The lower parts of the houses This kind of architecture is applied to even the churches and other public edifices, their upper parts being of woodwork, covered with stucco. The lower parts of the houses are mostly constructed of adobes, or sun-dried bricks, made of clay and chopped straw. The roofs are uniformly flat. Some of the botter sort of houses have a terrace on the top, formed of large thin baked bricks; the common dwellings are usually roofed only with thin rafters, cane, and mats, covered with a layer of earth an inch or more thick; but as it rarely or never rains with any violence in Lima, these light roofs unfortently nawer their more thick; but as it rarely or never rains with any vio-lence in Lima, these light roofs sufficiently answer their purpose, at the same time that they are not so easily thrown down by an earthquake, and when thrown down are incomparably less dangerous than if they were con-structed of more solid materials. Most of the houses have a patio, or court yard, in front, with a large arched gateway opening to the street, over which is a heavy M 4

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balcony. The walls of the paties are painted without and within with various devices, in fresco. Till of late years, few of the windows had either glass or sashes. Alnost every house has a stream of water running the is precincts, which is used for domestic purposes. er running thro dens are rare

In the centre of the city is the Plaça Mayor, or In the centre of the city is the Plaça Mayor, or de la Independencia, the principal square and market-place. It is a fine open space, the size of a quadra. On its Estide are the cathedral, the eagrario or principal parish church, and the archbishop's palace; the last, a large superior edifice, is now partly occupied by the Peruvian senate. On the N. is what was once the viceroy's residence, an old unslightly structure, now appropriated to the courts of justice and other government offices. On the W. side are the cabildo or town-hall, a Chinese looking edifice, the city and and other offices is and other

senate. On the N. 18 what was once the vicery's resisence, an old unsightly structure, now appropriated to the courts of justice and other government offices. On the W. side are the cabildo or town-hall, a Chinese looking edifice, the city gaol, and other offices: and on the fourth side is a colonnade before a row of private houses. The above public buildings have all ranges of mean looking shops in their lower story. The booths of small traders cover nearly a third part of the area of the square. In the centre is a fine bronse public fountain, 40 ft. high, raised upon a level table of masonry 40 ft. on each side, ornamented with eight lions supporting a statue of Fame, and supplied with excellent water from the Rimac.

A considerable portion of the area of the city is occupied by convents and churches. Besides a great many convents and numeries, with churches attached, Lima has 57 churches, and 28 chapels belonging to hospitals, colleges, &c. (For an account of the churches, convents, &c. when in their splendour, see Ulloa, Vogage de Islanding, and in which he is buried, is a large fine edifice, 186 ft. in front by 320 deep; but its effect is injured by gaudy colouring and groteque ornaments. At either corner of the front is an octagonal tower, rising nearly, 200 ft. from its base, which is 40 ft. high. These towers, having been thrown down by the earthquake of 1746, were rebuilt in 1800. In the belifties are several finetoned bells, the largest of which weighs 310 quintals. The interior of the cathedral is magnificent. It is divided into three naves, and paved with large earthen times. The roof, which is beautifully panelled and carved, is supported by arches springing from a double row of square stone pillars. The high slatur is in the Cointhian order, and its columns, cornices, and mouldings, are either cased with pure sliver or are richly gilt. The seats and pulpit in the choir are exquisitely carved, and there are two large and fine-toned organs. "The riches which have been lavished at various times upon

The revolution secularised a good deal of church property; but previously to that event, the Dominican couvent is said to have had a rental of 80,000 dollars a convent is said to have had a rental of 80,000 dollars a year, and a large library, some good paintings, and numerous reliques, &c., including a statue of the Madonna studded with gems, said to be of immense value. Some of the ceils belonging to it were richly furnished. The Franciscan convent is among the oldest and largest in Lima. Its buildings cover two quadras, and its church, which is next in size to the cathedral, is gorgeously adorned. Its monks derive a considerable revenue from the manufacture of shrouds, of which they have, or at least had, the monopoly. In addition to the convent, there are casas de exercicio, into which females retire during Lent, to perform acts of penance; and in the convent of Recoleto are similar cells for men. The number of monks and nums here and in other parts of during Lent, to perform acts of pensace, and in the convent of Recoleto are similar cells for men. The number of Recoleto are similar cells for men. The number of monks and nuns here and in other parts of Peru was formerly very great; but it is now quite otherwise, and the influence of the revolution in turning out these lazy, dissolute drones, and in lessening the deference the inhabs. had been accustomed to pay to all priests, how undeserving soever, has been most beneficial. There are 2 foundling anylums, and 11 public hospitals, one of the latter, St. Andres, having 600 heds. Attached to it, is an indifferent botanic garden; and adjoining it, is the medical college of San Fernando, established in 1809. Lima has a university, founded in 1871: it occupies a handsome building, and is partly supported by congress, and partly by the pro-

duce of an annual bull-ball! The students, of whom there are only from 30 to 50, generally reside within the walls of the institution. The Peruvian House of Reprewalls of the instinution. The Peruvian House of Representatives holds its sittings in an apartment in the university. The former palace of the Inquisition is now appropriated to a gaol, and to the national museum, which, though in extremely bad order, possesses valuable collections of minerals, and Peruvian antiquities. Lima has several ecclesiastical colleges, and seminaries, and a nautical academy. The colleges, however, are now in any thing but a flourishing state; but, on the other hand, numerous Lancastrian, and other primary schools, have sprung up, and it is alleged that all the white children are taught to read and write. Notwithstanding the low state of the university, it is affirmed that education has made a great advance in the Peruvian capital since the revolution, and its emancipation from the control of the priests is, at all events, an immense step in advance: a considerable number of modern scientific and other works are said to be annually imported from Europe.

the priests is, at all events, an immense step in advance: a considerable number of modern scientific and other works are said to be annually imported from Europe. There is a good theatre, but of rather a singular form, it being a long oval, with the stage occupying the greater part of one of its sides. Bull-fights were formerly celerated at Lima with an éclat that rivalled those of Seville: and, though abolished by San Martin in 1822, they appear to have revived. The amphitheater, Ploga dei Acho, in the suburb of San Lazaro, where they are held, has an area 400 ft. in diameter, surrounded by a barrier 7 ft. high, and 3 tiers of boxes raised on brick pillars, with accommodations for from 10,000 to 12,000 spectators. Cock-fighting is an area 50 ft. in diameter, surrounded by 9 benches and a tier of boxes, which, on Sundays and holydays, are usually crowded by visiters. Outside the walls, is the present century. It is a square inclosure, laid out in helpsentheon, a general cemetery established early in the present century. It is a square inclosure, laid out in walks and gardens, the surrounding wall being full of niches for the reception of corpses. These are generally deposited without coffins, their decay being accelerated by the application of unslaked lime. Before the establishment of the pantheon, are provided for the performance of funerals, which are not allowed to traverse the streets after noon. Immediately without the suburb San Lazaro, are some excellent public baths. The road from Callao to Lima is quite straight, and for nearly the last 2 m. is fenced on either side by a brick wall and paraget, shaded

after noon. Immediately without the suburb San Lazaro, are some excellent public baths. The road from Callao to Lima is quite straight, and for nearly the last 2 m. is fenced on either side by a brick wail and parapet, shaded with trees, and irrigated by running streams. At intervals of 100 yards are ornamental stone seats; but the whole work, together with the fine gateway at its upperend, by which the city is entered, has been suffered to fall into decay. The vicinity of Lima, where not covered with villas and pleasure-grounds, is very productive of maise, barley, various other grains, beans, hitchen vegetables, fruits, sugar, rice, tobacco, yams, potatoes, &c.; grapes are abundant, and yield some pretty good wine; olives thrive well; and water-melons are important articles of culture, being largely consumed in the city during the hot months. But agriculture and horticulture, like every other branch of industry, is much neglected. As very little rain falls at Lima, artificial irrigation is indispensable. The lncas had cut numerous trenches and canals in the neighbourhood, which the Spanlards finding ready to their hands, took some care to keep in order; but at the trees of its said that the drains for conveying the water from the city are so bad that the water is either suffered to run to waste, or to stagnate and generate noxious effluvia. The refuse of the city might be made a valuable manure for the soil; but such is the carelessness and indelence of from the city are so bad that the water is either suffered to run to waste, or to stagnate and generate noxious effluvia. The refuse of the city might be made a valuable manure for the soil; but such is the carelessness and indolence of the inhab, that it is either thrown into the canais, or convered without the walls, or to the river's brink, where it is suffered to accumulate in fermenting mounds of immense size. (Pers as it is, 1.30, 31.) lave stock are fed in great numbers near Lima, large quantities of animal food being consumed in the city. The demand for poultry is immense, especially for geese and turkers. The slaughter of pigs is supposed to exceed 20,000 a year: the trade of the pork-butcher is one of the most lucrative, after that of the baker and lotteryman. Cook-stands for fish (which are good and cheap) and fried pork, are to be found at the corner of every quare. From 40 to 50 head of oxen, and from 300 to 400 sheep, are killed daily for the Lima market; the beef is very good; the mutton of inferior quality. Pastry and sweatmest criers are seen every where in the streets is very good; the mutton of inferior quality. Pastry and sweatmest criers are seen every where in the streets and sweatmest criers are seen every where in the streets and sweatmest dish "sassessora," which is as great a favourite in Lima as roast beef in London. Few of the dishes, however, suit the taste of strangers, from their being, with the exception of poultry, either steeped in lard, or highly seasoned with pepper. Most families in inferior circumstances provide themselves with ready cooked food from the streets. Water for drinking, which is almost

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The climate of Lima has been much praised: the extremes of heat and cold are never experienced; within
the city the thermometer, in the shade, never falls in
winter under 60° F., poor rose in summer above 53°; the
The ordinary daily range of temp, is only 20° or 4°. The
year is divided between the dry and the moist season;
the former begins in Nov., the latter in May; and
throughout the winter (May to Oct.) a critiqu sale often
per sali in the morning and evening, and light dresses
seems to be summer agenerally intercepted by a layer of clouds. Earthquakes occur every year, particularly after the mints disperve, and have unually been very destructive at intervals
of 30 or 50 years; tout Limas in free from storms. Epidemics
to have an anervainty tendency, as shown in the
degree of sanatory regulations and of cleanliness, seems
to have an enervainty tendency, as shown in the
degree of the state of the

round the waist, and hang nearly to the ground in front."

(Hall's Trenets, i. 108, 108.) Within doors the ladies adopt the English or French costume, with a profusion of jewellery. The morals of both sense have been represented as lax in a high degree, but they are probably not worse (which, however, is not saying much) than in most other large cities of 8. America. The author of Three Years is the Pacific says: "Intrigues are carried on to a great extent in fashionable circles; but I ithink there is more virtue and morality to be met with in the second ranks." (ii. 105.) Extravagance in living, dress, and gambling, are carried to a great extent; and smoking is universal among both men and women.

Lima was made an archbishop's see in the 16th century; and was long the grand entrepd for the trade of all the W. coast of 8. America; but a considerable part of the foreign trade of Peru is now carried on through Buenos Ayres, and the former is also in the habit of importing European goods at second hand from Valzarsio, and other parts in Chill. It is still, however, the great emporium of Peru. Its exports consist sprincipally of bullion and specie, vicunna, and sheeps' wool, bark, chinchills skins, salt-petre, copper, tin, sugar, &c. The imports are principally woollen and cotton stuffs, cutlery, and hardware from England; silks, brandy, and wines from Spain and France; stock Sah from the U. States; snuff, indigo, tar, naphtha, &c. from Miczico; tobacco from Colombia, with timber for the construction of ships and houses from England; wheat, flour, dried fruits, and bullion from Chill; Paraguay tes from Paraguay, spices, quicksilver, perfumery, &c. (For full details as to these matters, see Pazu.) The manufacturing industry of Lima is but insignificant. It has some smelting-houses, which, in 1834, produced 15,821 marcs of silver, but for several previous years double that quantity had been reduced to bars. It has also a mint at which, from 1786 to 1890, 2,507,914 marcs of aliver were coined. (Meyen, Reise, &c.; Rev.

1001 tins co. had 48,127 inhab. houses, 56,326 families, and 230,099 inhab., of whom 161,997 were males, and 168,021 females.

Linemack, a city, parl. bor., river port, and co. of a city in Ireland, prov. Munster, on the Shannon, 107 m. S. W. Dublin, and 55 m. E. Loophead at the mouth of the Shannon, lat. 55° 40° N., long, 8° 35° W. It is principally situated on the S. E. side of the river, within the co. Clare. The co. of the city, which is identical with the parl. bor., includes an area of 23,863 imp. acres; and had, in 1841, a pop. of 65,956, whereof the city and suburbs had 49,391, and the rural districts, or liberties, 16,905. Limerick is the fourth city of Ireland in respect of size and importance. It owes this distinction to its situation at the head of the satuary of the Shannon, which has made it the emportum of the extensive and fartile districts watered by that great river. It is divided into—1. The English town, now the oldest and most decayed portion, on King's island, formed by a detached arm of the Shannon; 2. Irishtown, immediately 8. of the above; and, 3. the New Town, to the W. of the latter, called Newtown-Pery, from Fery the family name of the Earl of Limerick, on whose estate it is built. Popularly the first two divisions are called the Old, and the latter the New Town. The country part of the city of the co., including Thomond Bridge on the W. side of the river, and many other extensive lines of cottages, is called the Liberties. The countrat between the different parts of the city is very striking. The Old Town is said in the Municipal Boundary Report to be "one vast mass of flith, dilapidation, and misery, which nothing but the general employment of the people throughout the country can correct, because the unemployed poor are attached to the large crumbling city, where they can find, at a cheap rate, something like a roof to cover them." The New Town, on the other hand, which has been wholly con-

structed within the last half century, is but little inferior to the best parts of Liverpool. It is well built, and the streets, which are broad and straight, cross each other at right angles. It has a handsome square, in which is a column surmounted by a statue of Mr. Spring Rice, now Lord Monteagle, to whom the city is much insebted. The houses in the libertles are mostly merecabins, occupied by a very poor agricultural population. The main a rm of the Shannon is crossed by two bridges, one of which, Thomond Bridge, originally constructed in the early part of the 13th century, was lately re-built; the other, or Wellesley Bridge, of 5 arches, each 70 ft. span, a very handsome structure, was attely re-built; the other, or Wellesley Bridge, of 5 arches, each 70 ft. span, a very handsome structure, was completed in 1837. There are three bridges over the smaller arm of the Shannon, between English-town and Irish-town.

The co. of the city has 18 parlahes, and 8 parts of parlahes, besides an extra-parcohal district. Six of the parlahes being within the city properly so called, which salso the seat of the see of Limerick. The cathedral, a large Gothic pile, has a lofty tower, a handsome interior, and many monuments, among which is that of Donogh O'Brien, king of Thomond. The embattled tower of this cathedral, 120 ft. in height, commands a fine view of the city and adjacent country, including the course of the Shannon. None of the parochial churches seem to be worth notice, except St Minichin's church, formerly the most ancient in the kingdom, but lately rebuilt, which hough small, is for situation and architecture by far the handsomest sacred edifice in the city. According to the Rom. Cath. divisions, the city consists of five parlshes, worn notice, except St Minichin's church, formerly the most ancient in the kingdom, but lately rebuilt, which, though small, is for situation and architecture by far the handsomest sacred edifice in the city. According to the Rom. Cath. divisions, the city consists of five parishes, that of St. John being the bishop's mensal, and that church is considered the cathedral. The other places of worship are large, and some of elegant structure. There are friaries of the Augustine, Dominican, and Franciscan orders, all of which have large chapels attached to them. Nearly 9-10ths of the hinabs, are Catholics. The Presbyterians, Quakers, Wesleyan and primitive Methodists, and Independents, have each a place of worship. The handsomest public building in Limerick is the savings' bank, built in 1840. It is a Dord structure, of cut limestone. The savings' bank was established Jan. 1830, and had Nov. 20. 1848, 87,8452. of deposits. The diocesan school for the diocesae of Limerick, Killaloe, and Kilfenora, is kept in the head-master's bouse. The literary and scientific institutions are the Limerick Institution, the Mechanics' Institute, and the Literary and Scientific Society. Those for charitable purposes connected with education are the Blue-coat school, founded in 1717; and free schools attached to the parishes and fraries, in which great numbers of children are instructed. No fewer than 1,200 children are educated in the schools of the "Christian Brothers," to whom the city is much indebted. There are also schools founded on bequests of Mrs. Villiers and Dr. Hall. In the Old Town is a school for females, conducted by the "Sisters of Mercy," assisted by a small grant from the Education Board: a Sunday school is also established in it, for the females employed during the week at the lace factories. In the New Town is a large female school, conducted by the nums of the Presentation Convent. These three schools are attended by about 800 children, who, according to the statement of Mr. Inglis, are "able in general to write wel well, are perfectly instructed in reading, and exhibit in their appearance and behaviour the utmost order and neatness." In another school for females, 120 poor children are educated and clothed. The other charitable institutions are the County Hospital; Barrington's Hospital and City of Limerick Infirmary, a large building containing 126 beds, built and munificently presented to the city by Sir Joseph Barrington and his four sons; the Lunatic Asylum for Limerick, Clare, and Kerry, opened in 1832, cost about 20,000.; it has accommodation for about 240 patients. If cost, in 1845, 4,6964, being at the rate of 132 for 8d. for each of the inmates. Here is also a Fever and Lock Hospital, and a Lying-in Hospital; several endowed almahouse; a Magdalen Asylum; an Asylum for the Blind; a mendicity institution; a charitable loan fund; and a charitable pawn-office, founded by Matt. Barrington, Req., on the plan of the Most-de-Pitté at Paris. The Limerick unlon workhouse, opened in 1841, is on a large scale, being fitted to accommodate 3,450 inmates. Places of public amusement are not much encouraged. The theatre, a handsome building, was sold to the Augustine monks, and has been fitted up by them for a chapel, and a suite of assembly-rooms is applied to other purposes; but there is a small "circus" temporarily erected, occasionally used as a theatre. The Hanging Gardens, built by Mr. Roche, are formed of tiers of terraces, raised upon arches, on the uppermost of which is a range of green-houses, commanding a fine view of the city, river, and adjacent country. Limerick is the head-quarters of the 8.W. military district, and has barracks for 1,450 men. Three newspapers are published in the town, each twice a week, so that a paper issues daily from the press.

The old corporation, which laid claim to prescriptive daily from the pre

The old corporation, which laid claim to prescriptive

privileges, confirmed by a series of charters from the time of King John, consisted of a mayor, two sheriffs, and an indefinite number of aldermen, burgesses, and ilme of King John, consisted or a mayor, two snermy, and an indefinite number of aldermen, burgesses, and freemen. The corporation now consists, under the municipal reform act, of a mayor, 10 aldermen, and 30 councillors. The city sent 2 mems. to the Irish H. of C.; and from the Union to the passing of the Reform Act, it sent 1 mem. to the Imperial H. of C. The lastmentioned act conferred on it the privilege of sending 2 mems. to the Imperial H. of C. Registered electors, in 1849-50, 317. The system of local taxation was said, in the Municipal Boundary Report, to be exceedingly unfair; and to press with unjust and extreme severity on the agriculturists in the liberty.

Assizes are held twice a year for the co. of the city, by the judges of circuit; courts of general sessions every quarter, and petty sessions every week, at which the mayor and city magistrates preside. A court of civil jurisdiction, which is empowered to hold pleas to any amount, is held on Wednesdays; and a Court of Conscience for suits under 40s. every Thursday. Civil bill cases are tried before the assistant barrister of the co., who holds a court for this purpose within the city twice

who holds a court for this purpose within the city twice who holds a court for this purpose within the city twice a year. The income of the corporation amounts to be tween 70004 and 80004, per annum. The city Court-house is a plain building: the co. Court-house, a handsome structure, was erected in 1810, at an expense of 12,0004. The prisons for the co. and city are within the municipal limits. The former, erected in 1821, at an expense of 25,0004, has a Doric portico, and is, perhaps, the finest building in the city; it is constructed on the radiating plan, and is said to be extremely well managed. The city gaol, a gloomy quadrangular edifice, is comparatively ill adapted for its purpose.

There are three institutions for the promotion of manufactures and trade; the Chamber of Commerce, a

plan, and is said to be extremery well managed. The city gaol, a gloomy quadrangular edifice, is comparatively ill adapted for its purpose.

There are three institutions for the promotion of manufactures and trade; the Chamber of Commerce, a society of merchants, incorporated by royal charter in 1815, for the promotion and protection of trade, and who have expended considerable sums of money for these objects; the Agricultural Association; and the Trustees for the Promotion of Industry, in whom a fund of 7,000% was vested by the London Distress Committee. Limerick, however, can hardly be said to have any manufactures. The linen manufacture, which had attained to some magnitude, and that of cotton, which had been introduced, are all but extinct. The manufacture of leather gloves, for which the city was once famous, has not entirely disappeared; though gloves, sold under the name of "Limerick gloves," are now not unfrequently made in Cork. There is a great deal of embroidering in lace; and three lace factories now at work give employment to from 1,200 to 1,400 females. Several large flour mills have also been erected; and the town has distilleries, breweries, tanneries, foundries, and a paper mill. Limerick has for many years been famed for its fabing-hooks sent to all parts of the United Kingdom and America. The great support of Limerick is her trade, which is very extensive. She is, as already stated, the great mart for the country traversed by the Shannon, and that immediately connected with it. Her exports, like those of most Irish towns, consist mostly of corn and provisions, including beef, pork, butter, &c.; the value of these articles having amounted, in 1835, when prices were very low, to 717,600, out of a total export of 786,430.1 At present (1850) the value of the exports, like those of most Irish towns, consist mostly of corn and provisions, including beef, pork, butter, &c.; the value of these articles having amounted, in 1845, to 193,4971, in 1848 to 201,853. The prost-office revenue, in 1845 was \$5

hard, reasels of considerable burden have been seriously injured on their grounding. To obviate this inconvenience it was proposed to construct a weir or dam across the river, a little below the town, which would give a constant depth of from 16 to 18 feet water for a considerable distance upwards; and a loan of above 85,000/. was to be advanced by government for this purpose, and for the construction of quays. But as this project would have obstructed the navigation of the river, it has been abandoned, and government has recently agreed to advance 50,000/., on security of the raies, to assist in the formation of a wet dock. The port is managed by com-

missioners. Harbour revenue, in 1847, 7,3511. In connection with the trade of the port may be mentioned the commercial buildings, erected, in 1856, by a company of shareholders, with apartments for the chamber of commerce, a library, &tc.; the custom-house, and the exchange. There belonged to Limerick, on the its January, 1856, 105 vessels, of the aggregate burden of 13,829 tons. Thure can be no desbit that the trade, wealth, and pap. of Limerick are rapidly increasing, but at the same time there is a vast deal of misery in it; and we regret to have to state that a large proportion of the lower

time there is a vast deal of misery in it; and we regret to have to state that a large proportion of the lower classes, especially in the old town, were exposed, pre-viously to the introduction of the compulsory provision for the support of the poor, to extreme and almost in-credible privations. And this state of things, though in some degree amended, is still very prevalent. That so much squalid poverty and abject misery should exist along with so much wealth and comfort, is a painful and moretrying anomaly. We should think it well worth public consideration to inquire whether some national effort should not be made to relieve this and some other Irish cities of a portion of their pauper inhab, by sending public consideration to inquire whether some national effort should not be made to relieve this and some other Irish cities of a portion of their pauper inhab., by sending them to the coloules; and whether measures should not be taken to prevent a recurrence of the evil, by pre-venting the building of any very inferior house. The present state of the poor in Limerick, and some other Irish towns, is diagraceful to the country, and discredit-able to civilisation.

sible to civilisation.

Limerick was formerly fortified, and, from its commanding the first bridge above the embouchure of the Shamon, was an important military station. It was occupied, after the battle of Aprim, by the troops of James II.: it capitulated to the English army under Ginkell, afterwards Earl of Athlone, on the 3d of October, 1891. The capitulation, or, as it has been usually called, the treaty of Limerick, was very favourable to the besieged, and, indeed, to the Irish nation, or, at all events, to the Catholics. But it was afterwards most shazaefully violated by the conquering party, and its most important stipulations were openly set aside and trampled upon. The remains of its fortifications add considerable beauty and interest to this ancient city.

smost important stipulations were openly set aside and trampled upon. The remains of its fortifications add considerable beauty and interest to this ancient city. "King John's Castle," from which the city arms are taken, forms part of the castle berrachs, and the stone upon which the capitulation was signed is still in existence, and is regarded with watchful care by the citizens. (Irish Boundary and Municipal Reports; Raiters, Irish Prince of the castle Superior of the castle superior in the castle occupies the site of the ancient Celtic and Roman city near the river, and is ill built; its streets being narrow and ill paved, and its houses built of wood above the ground floor. The latter division, which is of modern sate, on the upper part of the hill, is open, well built, surrounded with pleasant promenades, and particularly healthy. The cathedral, built in the 13th century, is of granite, and in the Gothic style. It has an imposing appearance at the first glance; but when examined in detail to tresents many inconstruities: among others, one pearance at the first glance; but when examined in detail it presents many incongruities; among others, one end of the choir has bas-reliefs, representing the labours of Hercules! Another church, which stands in the highest part of the town, has an elegant steeple, 236 ft. in height, a conspicuous object at a great distance. The bishop's palace is a very handsome modern granite bestiding, surrounded with gardens. Limoges has a good town-hall, several hospitals, an exchange, mint, theatre, prison, cavalry barracks, public baths, and many public fountains. One of the latter, the Fontaine d'Aigonième, has a basia 36 feet in circ, supposed to be hewn out of a single piece of granite, and supplies the upper part of the town at every season with abundance of good water, derived from an ancient subberraneous aqueduct. Besides

Being situated at the junction of several great roads, it is an entrepte for the trade of several dops, with Thoulouse and the 8. of France, and deals extensively, not only in its own manufactured goods, but in agricultural produce, salt, iron, copper, and brass wares, &c. Marshal Jourdam, and Dupsytren, the famous surgeous, were natives of Limoges. (Hugo, art. Hande Vienne; Guide du Fouencur, &c.)

were natives of Limoges. (Hugo, art. Haste Vienne ; Gmide de Propageur, &c.).
L1MOUS [N. one of the old provs. of France, in the central part of the kingdom, now distributed among the deps. of Corrère, Creuse, Haste Vienne, and Dordogne.
L1MOUX, a tww of France, dép. Aude, cap. arrond., on the Ande, 13 m. S. E. Carcassonne. Pop., in 1836, rs. com., 6.985. It is generally well built, paved, and lighted, and has a large parish church, an hospital, two public halls, a theatre, and a small picture gallery. It is the seat of tribunals of primary jurisdiction and conservere, a chamber of manufactures, &c. Its woollen manufactures produce annually from 11,000 to 12,000 pieces of broad cloth, worth from 6 to 17 fr. an ell; it has also several woollen yarn factories, tanneries, and oil also several woollen yarn factories, tanneries, and oil mills; and is an entrepot for iron goods, in which, and in wines, oil, soap, and leather, it has an active trade. Its environs are highly picturesque and fertile. (Hugo, art.

milit; and is an entrepot to from goods, in winch, and its environs are highly picturesque and fertile. (Hugo, art. 4sec. 2c.)

LINCOLN, a marit. co. of England, on the E. coast, having N. the Humber, E. the German Ocean, S. the cos. of Cambridge, Northampton, and Rutland, and W. Leicester, Nottingham, and York. This is a very extensive co., comprising 1,671,100 acres, of which about 1,465,000 are said to be arable, meadow, and pasture. Though but little diversified in respect of surface, Lincoln is naturally divided into the districts of the Wolds, the Moors, and the Fens. The wolds, a ridge from 8 to 10 m. in breadth, extend from Spinlishy N. to Barton on the Humber; the soil is principally sandy loam on a chalk bottom, of very various degrees of fertility, but now much improved, and generally producing very excellent crops. The Moors stretch N. and S., from the Humber to Grantham; the heath by which they were formerly covered has now mostly disappeared, and they are now very productive of oats. The Fens comprise all the flat parts of the co., from Wainfeet on the Wash round by the mouth of the Nen to the borders of Rutland: most part of this district is usually included within the great level of the Fens. (See Barpoon Lavis, Vol. I. 318.) Lincoln is one of the most productive cos. In the empire; and improvements of all sorts have been prosecuted in it for many years past with extraordinary spirit and success. Large tracts in the Wolds and Moors, that 30 or 40 years ago were all but unproductive, now yield heavy crops of barley, oats, and turnips. This great improvement has been chiefly brought about by the liberal use of bone manure, which has been applied for a longer period and on a more extensive scale in this than in any other co.

The excellence of the pastures in the Fens is too well known to require any special notice: immense sums have been expended on their drainage, and in the recovering of land from the sea. Formerly the Fens were frequented by vast numbers of acutatic fowl; but since their draina

these have much failen off, and the accepts, for their capture, are now of much less importance: geese, however, are still bred in considerable numbers, and are regularly plucked four or five times a year for their feathers. Previously to the improvement of the Wolds, rabbit warrens were very common, but they are now comparatively scarce. The native sheep of the Feas were remarkable for their size and the extraordinary length of their wool; they have, however, been so much crossed with New Lefcesters, that it is now difficult to find one of the genuine breed. Some of the finest of the London dray-horses are bred in the Fens. The cattle depastured in the Fens are principally short-borns, and attain to a great size.

Property very variously divided, there being assessed.

Property very variously divided, there being setates of all sizes, from 25,000. a year down to 5£, but the great majority small. In the district called the Isle of An-cholme, in the N.W. part of the co., between the rivers Trent and Ancholme, the inhab. live together in hamlets single peece of grainte, and supplies the upper part of the town at every season with abundance of good water, derived from an ancient subterraneous aqueduct. Besides this aqueduct, few Boman antiquities are found in Limoges: the site of an amphitheatre, the traces of which existed in 1826, is now occupied by the Place d'Orssy.

Limoges is the seat of a prefecture and royal court, tribunals of primary jurisdiction and commerce, and almost every householders a chamber of manufactures; it has a royal college, university academy, diocesan seminary, royal societies of agriculture, arts, and sciences, schools of drawing and commerce, a rots, and sciences, schools of drawing and commerce, a rots, and sciences, schools of drawing and commerce, arts, and sciences, schools of drawing and commerce, a rots, and sciences, schools of drawing and commerce, arts, and sciences, cotton of drawing and commerce, arts, and sciences, schools of drawing and commerce, arts, and sciences, schools of drawing and commerce, arts, and sciences, other the schome, arts, and sciences, other the sch canal extends from the latter to the Trent, near Torksey, completing an internal navigation between the Wash and the Humber. The co. is popularly divided into the parts of Lindsey on the N., Kesteven on the S.W., and Holland on the S.B., and contains 33 hundreds, wapentakes, and sookes, with the city of Lincoln and the borsof Stamford, Boston, and Grantham. It is divided into 629 parishes, and sends 13 mems. to the H. of C., viz. 4 for the co., 2 for the city of Lincoln, 2 such for the borsof Boston, Grantham, and Stamford, and 1 for Great Grimsby. Registered electors for the co., in 1849-50, 19,805, whereof 8,640 are for the S., or the Holland, and 11,165 for the N., or the Lindsey, division. In 1841 it had 72,964 inhab. houses, and 362,402 inhab., of whom 11,756 were males, and 180,844 females. Sum paid for the relief of the poor, in 1846-47, 130,5641. Annual value of real property, in 1815, 2,966,5111.; do. in 1843, 2,868,3384.

the relief of the poor, in 1846-47, 130,6542. Annual value of real property, in 1816, 2,096,6112.; do. in 1843, 2,668,3302.

LINCOLN, a city, parl. and mun. bor., and market town of England, cap. of the above co., on the Witham, 36 m. S. Hull, and 121 m. N. London; lat. 580-24' N., 103, 00-36' W. The parl. bor. (which the Boundary Act left unchanged externally, the only additions being the bail and close in its centre') is divided into 15 pars., and had, in 1841, a pop. of 13,411. It is situated on the S. slope and at the foot of a hill, on the top of which is the cathedral, a striking object for many miles round. The streets are irregularly laid out; the largest and handsomest runs N. and S. up the hill on which the cathedral stands. A small part of the town comprising two pars., is on the S. side of the river, and is connected with the main body by one principal and two smaller bridges. The streets are well paved, lighted with gas, and supplied with water from public conduits. The principal and most interesting public building is the cathedral, erected at different times, from the 12th to the 18th century, and consequently exhibiting several varieties of architecture: the prevailing style, however, is early English, of a particularly rich and beautiful character. The closeness of the surrounding buildings is a great disadvantage to the display of architectural effect; but there is a tolerably open space towards the E. The church consists of a nave with its asise, four transepts, a choir, chancel, and ladye-chapel: three towers rise above the building, two at the W. end, 180 ft. high, and one at the intersection of the nave and transepts, rising 303 ft. above the floor: they are all gorgeously decorated with varied tracery, pillars, pilasters, windows, &c. The W. and principal front, in which are three fine doors, is distinguished by its beauty and magnifecence; and, from the variety of its styles, is certainly the workmanship of three distinguished by its beauty and magnifecence; and, from the variety of its of the same nature in being ten-sided, and not octagonal: its groined roof is supported by an umbilical pillar, consisting of a circular shaft, cased by ten small fluted columns. The cloisters are on the N. side, and over them is the library, built by Dean Honeywood, at the end of the 17th century, containing a large collection of books, with some curious specimens of Roman antiquities. The cathedral bell, or "Great Tom of Lincoln, originally cast in 1610, having been cracked, was recast, with 6 other bells, into the present large bell and 2 quarter bells. The diameter of the great bell is 6 ft. 104 in., and its weight 54 tons, or about a ton heavier than the old one. At the time of the dissolution, Lincoln cathedral was one of the finest and most sumptuously adorred at the kingdom. There were then taken from it 2,621 oz. gold, and 4,235 oz. silver plate, besides precious stones of great value. It had formerly many costly sepulchres and monumental records; but the scalots at the Reformation either pulled them down or defaced them, so that, in 1849, scarcely a perfect tomb remained; and the little 1849, scarcely a perfect tomb remained; and the little either pulled them down or defaced them, so that, in 1649, scarcely a perfect tomb remained; and the little they left undestroyed was demolished by Cromwell's soldiers, by whom the cathedral was converted into barracks. The ruins of the bishop's palace, which was destroyed at the last mentioned epoch, stand S. of the church, and comprise a fine hall, an old gateway, and part of the kitches. Adjoining these ruins, a modern house has been erected, which is occupied by the bishop during his stay in Lincoln. (See Britton's Account of Lincoln Cathedral.)

Among the tombs yet in a tolerably perfect state are those of Catherine Swinford, wife of John of Gaunt, duke of Lancaster, of their daughter Joan, and of several bishops and deans of the cathedral. The present establishment comprises a bishop, dean, precentor, subdean, chancellor, and 38 prebendaries, with 4 vicarchoral, and 30 choristers. The nett revenue of the see amounted, at an average of the 3 years ending with 1831, to 4,542.; but, on the next avoidance of the see, the income was raised to 5,000., with a further allowance of 5007., till a suitable residence be built: the limits of the diocese comprise only the cos. of Lincoln and Nottingham. (Orders in Cossacil, Aug. 1838.) The cathedral revenues, which nett 6,986. a year, are equally divided between the dean, precentor, subdean, and chancellor; and the vicars-choral divide 1161. yearly. Besides monasteries, numeries, and other buildings devoted to plous uses, Lincoln had formerly upwards of 50 churches; but of these only 11 remain, exclusive of the cathedral, most of them being small and much muticathedral, most of them being small and much muti-lated. St. Peter at Gowths, evidently an old conventual church, and 3 other churches. of the Witham, have lofty church, and 3 other churches S. of the Witham, have lofty equare Norman towers. An additional church was recently built by subscription. There are several places of worship for R. Catholics, Wesleyan Methodista, and other Dissenters; and attached to them are Sunday schools, which, according to the parl. returns, were attended, in 1833, by 700 children. The national school (also a Sunday school) had 474 scholars in the same year; and there were 2 infant schools with 330 children. The grammar school, still held in the Grey Friars' chapel, was founded in 1862; it is well endowed, and the instruction not confined to classical is sixen by an unperyear; and there were '2 infant schools with 330 children. The grammar school, still beld in the Grey Friars' chapel, was founded in 1883: it is well endowed, and the instruction, not confined to classics, is given by an upper and under master, who, in addition to their salaries from the corporation, receive fees from the boys, and take boarders. The Bluecoat school, established in 1602, is endowed with landed property worth nearly 2,000. a year, and furnishes clothing and instruction (with apprentice-premiums on leaving) to 56 boys. The master as 94. a year, with a house, coal, and candle, and the establishment is said to be well conducted. Wilkinson's school, which is very slenderly endowed, furnishes instruction to 16 boys. Lincoln is very rich in endowed charities, among which, as one of the principal and most useful, may be mentioned Sir Thomas White's loan-fund, for deserving and needy tradesmen, the assets of which are estimated at 850%. (Char. Comm. Report, part iv.) A general dispensary, lunatic asylum, county hospital, and lying-in bospital, are the chief modern charities: and a flourishing mechanics' institute, several libraries, 2 news-rooms, and some book societies, are well supported. It has 2 weekly newspapers. Among the buildings devoted to civil purposes are the co. gaol and court-house, rebuilt from Smirke's designs, on the site of the old castle, a few remains of which are still standing on the bill W. of the cathedral. The co. gaol, constructed on Howard's plan, is well conducted. The Guildhall is an ancient Gothic building; but the borough court-house is modern, and the gaol is stated to be too small to admit of the classification of prisoners. The market-house, a small theatre, and an assembly-room, are the only other public buildings; but there are several markets. W. of the town is a good race-course, near which is a large building, now dismantied, but used during the late war as a military dépôt. As respects ancient remains, few towns in Rugland exhibit so many and so interesting as Linc

Style.

The trade of Lincoln consists chiefly in the exchange of the raw produce of the surrounding district for manufactured and other commodities. Large quantities of four are sent to Manchester and London. titles of flour are sent to Manchester and London. There are some tanyards, malthouses, and tobacco manufactories, and extensive breweries produce excellent ale. It communicates by the Foss-dyke canal with the Trent; and the Witham navigation, running S.E. past Boston, connects it with the North Sea. It is, also, connected by railways with all parts of the country. The Lincoln and Lindsey banking company and a private bank are established here; and there is a saving? bank, which, on the 30 Nov. 1848, had 98,631£, of dencetts posits.

Lincoln received its first charter from Henry II., Lincoin received its first charter from Henry II., which was confirmed by several subsequent monarchs, its governing charter till 1837 being that of Charles I. Under the Municipal Reform Act the city is divided into 2 wards, and is governed by 6 aldermen (one of whom is mayor) and 18 councillors. It has also a commission of

the peace under a recorder. The assises and quarter seasons are held for the city and co.; and it is the seat of a county court, before which 1938 plaints were entered in 1848. Corporation revenue 1847-48, 23, 4834.

Lianceh has regularly sent 2 mems, to the H. of C. since the reign of Henry III., the electors previously to the Reform Act being the freemen of the city. The Boundary Act includes the insulated part called the bail and close in the parl bor.; and those districts round the city called the liberties, which previously had not been represented, were added to the co. Registered electors in 1849-50, 1,237. Lincoln is likewise the election town for the N. division of the co.

Lincoln stands on the line of the great Roman road called Envise Street; and devives its name from its occupying the site of the Roman milltary station called Lineans. It was fortified by the Saxons; and at the time of the Domesday survey was one of the richest and most populous cities of England, having 1,470 houses, and an extensive trade. The castle was built by William the Conqueror in 1805; and the property of the town was further advanced by Henry I., who cleared out the foss-dyke, and made it navigable. The town was annexed to the duchy of Lancaster at the end of the 18th century; and about the middle of the 14th century it was inhabited by the celebrated John of Gaunt, duke of Lancaster, who not only improved the castle, but procured for the town many valuable privileges. In the civil wars of Charles I, the king came to Lincoln, and convened the nobility and freeholders of the co. The inhabitants promised to support the royal cwee; but in 1643 the city was in the heands of the parliamentarians. The royalist recaptured it; but were again disposessed, both of the town and the heands of the parliamentarians. The royalist recaptured it is the same and part of England, co. Sussex, band. Burley-Arches, rape of Pevensey, Id m. N. by E. Brighton, and 33 m. S. London. Area, 8,250 acres. Pop., in 1841, 1399. This town deserves notice

gold. Its inhabs, may be considered as presenting the type of the Malay race in its greatest purity. (Hamsilon's B. I. Gast.)

LinLiTHGOW, a royal and parl bor. of Scotland, co. Linlithgow, of which it is the cap., in a valley on the S. bank of a lake of the same name, 15 m. W. by S. Edinburgh. Pop., in 1841, 4,009. The town consists of one main street, along the line of road between Edinburgh and Falkirk, with several lanes branching off on both sides. The houses, with few exceptions, have an ancient and decayed appearance; the streets are lighted with gas, and macadamised. In addition to the town hall, and gaol, the most prominent public building is the parish church, erected in the 18th contrary, but afterwards much enlarged and repaired. This, which is one of the best specimens of Gothic architecture in Scotland, is 183 ft. in length, 100 in breadth, including the aisles, and 90 in height, exclusive of the steeple: the listier, rising about 140 ft. above ground, terminates in an imperial crown. The exterior had formerly a row of statues, of which one only remains, that of St. Michael, the tutelary saint of the borough: it is divided by a partition wall; the Eastern half only being used as the parish church; the other is unemployed.

being used as the parish church; the other is unsurpleyed.

The reyal palace of Linlithgow is finely situated on an eminence projecting into the lake. This magnificent ruin is of a quadrangular form. It was begun so early as the 12th century; and was greatly enlarged and improved by James V., but was not finished till the reign of James VI. (James I. of England), who built the N. side of the quadrangie, after his visit to Scotland in 1617. The W. side of the palace is the most ancient; and here the apartment is still pointed out where the unfortunate Queen Mary first saw the light on the 7th of December, 1542. The palace was suite and habitable till 1746, when it was burnt, either instationally, or through accident, by the troops under General Hawley. It covers an acre of ground; and though roofess, ruined, and desolate, its appearance sufficiently justifies the not very postical eulogium of Scott:

LINTZ. ⁴⁰ Of all the palaces so fair, Built for the royal dwelling, In Hotsland, for beyond compe Limithgow is excelling.¹⁰

The hexagonal Cross Well, in front of the town-house, about 50 ft. in height, is surmounted by a lion rampant supporting the arms of Scotland. The sculpture, by which it is adorned, is very complex; and the water is made to pour in great profusion from the mouths of 13 grotesque figures. This well, constructed in 1800, is said to be a facsimile of one previously existing, constructed in 1800. in 1620

in 1630.

The Free Church, the Associate Synod, and Independents, have places of worship. The poor, as in other Scotch towns, are supported parily by the interest of certain funds left in mortmain, for the purpose, and by the church collections, and parily by a rate, which amounted, in 1847, to 900.

There is a hor, school endowed by the town, but no

amounted, in 1847, to 2002.

There is a bor, school endowed by the town, but no parish school. There are sundry schools in the parish, all unendowed except the one referred to; and it is supposed that about 1-29h part of the pop. is at school. There are various reading-rooms, and a mechanics' li-

There are various reading-rooms, and a servament interpretary.

Linlithgow has little or no trade, but depends chiefly on its advantages as a provincial capital. Tanning and preparing leather, said to have been introduced by the soldiers of Cromwell, is the oldest and the staple branch of business, giving employment to nearly 100 hands. There are two extensive distilleries, a brewery, and a small giue manufactory, and a few hand-loom wavers (cotton and linen). There is only one branch bank. The Union Cansi, between Edinburgh and Glasgow, and the Edinburgh and Glasgow Railway, pass close along side the town. Blackness, on the Frith of Forth, 5 m. distant, is its port.

and linen). There is only one branch bank. The Union Canal, between Edinburgh and Glasgow, and the Edinburgh and Glasgow and the Edinburgh and Glasgow Railway, pase close along side the town. Blackness, on the Frith of Forth, 5 m. distant, is its port.

Linlithgow was made a royal bor. in the 12th century, in 1613, in an aisle of the par. church, the apparition is asid to have appeared to James IV., that warned him against the expedition into England which terminated in the fatal battle of Flodden. (Pitacottic's Hist. of Scotlengt, 1:84, 265.) When passing through this town, on the 23d Jan. 1870, the Regent Murray (illegitimate brother of Q. Mary) was shot by Hamilton, of Bothwellhaugh, partly in revenge for a private injury, and partly from political motives. The house whence the shot was fired has been taken down and replaced by a modern edifice. The White or Carmelite Friars had a monastery here, founded in 1290; but all traces of it have disappeared. In addition to certain town dues, the municipal property consists thefly of land; and the ancient custom of annually rising the marches, though disused in almost every other bor. in Scotland, is here regularly observed. Corporation revenue, 7761; number of councillors. 37. Linlithgow unites with Falkirk, Airdrie, Lenark, and Hamilton, in sending a mem. to the H. of C. Registered voters in 1849-50, 101. (Part. Papers; Private Information.)

Linitroow. See Lorman (Wmr.)

Linitroow. See Lorman (Wmr.)

Linitroo, a market town and par. of England, co. Cambridge, hund. Chilford, 10 m. 3.5.E Cambridge, 42 m. N. by E. London. Area of par. 3,663 acres. Pop. in 1841, 1,338. The town, which stands on the line of a Roman road, and at the foot of the chalk downs communicating with the Chiltern range, comprises several irregular streets and lanes, lined in part with good brick houses, but with a much greater number of low thatched cottages. The church is a low structure in the pointed strye with a high embattled tower and handsome interior, the living being a vicarage in the

the atmosphere. The sky is cloudless; the heat not oppressive; and there is a peculiar soft balminess in the air. The people, too, are handsome and well clothed, and look happy. Linx is celebrated for the beauty of its women, and, as far as I can judge, justly." (Turnbull's Austria, 1.131, 132.) The principal streets are wide and regular, though, according to the Austrian Encyc., most of them are badly paved, and the houses shingle-roofed. Linx has few remarkable public buildings. The churches are generally handsome; several have glittering cupolas, and many are richly gilded and adorned with good paintings. The Landhaus, formerly a Franciscan convent, is the place of assembly for the states of the prov., and accommodates the principal government offices. The accommodates the principal government offices. The schloss, or castle, on an eminence overlooking the Danube, was once the residence of the dukes of Austria, but nuce, was once the residence of the dukes of Austria, but is now the prison and penitentiary for the prov. In the principal square is a marble column, erected in 1723, between statues of Jupiter and Neptune, to commemorate the escape of the city from the double attack of the plague and the Turks.

Linty is among the fam Clarman to maintain.

Lints is among the few German towns not encircled with continuous walls. Under the superintendence of the archduke Maximilian, it has recently been surrounded with a chain of 32 isolated forts, 23 being on the right, and 9 on the left bank of the Danube, at the disright, and 9 on the left bank of the Danube, at the distance of 1, 2, or 3 m. from the town. They communicate with each other by a covered way, and are placed at regular intervals in the plain or along the slopes and tops of the hills, in a circuit of 9 m. The highest eminence near the city, the Pöstlingberg, on the opposite side of the Danube, is surrounded by a circlet of 5 towers, forming a citadel. Each tower is 30 ft. high, and 80 ft. in diameter, built within a hill of sand, and sunk into the earth, so that the roof alone projects; and each has a glacis on the side farthest from the town. Each consists of 3 stories; the lower serving as a storehouse and a powder-magazine, the middle as a lodging for troop, the third being the platform on the summit, which, when not powder-magazine, the middle as a lodging for troops, the third being the platform on the summit, which, when not used, is covered by a temporary roof. The platform is mounted with 10 guns, so arranged that they can be brought to bear upon any point with the greatest facility, and command the glacis by a cross-fire in every direction. There are also guns on the lower story bearing upon the ditch, to frustrate any attempt to cross it. In this mode of fortification each fort must be made the object of a separate attack; and the expense is trifling compared with the common method. But it is very doubtful whether it will oppose so effectual a resistance compared with the common method. But it is very doubtful whether it will oppose so effectual a resistance to an invading army as a single fortress, on an adequate scale, constructed according to the approved principles of the art. Owing to the demolition of the fortifications at Ulm by the French during the late war, there was not previously to the erection of these works, any fortress to defend the valley of the Danube between the frontier of France and Vienna. (Murray's Handb. for S. Germann, & C.)

Many, &c.)
Lints is the seat of the provincial government, and the assembly of nobles for Upper Austria, and of tribunals and councils for the Mühl circle and the city; and is the and councils for the Mühl circle and the city; and is the see of a bishop. It has a lyceum, where courses of lec-tures are given in theology, philosophy, and medicine: the library belonging to this institution comprises about 40,000 vols.; but as they consist, for the most part, of works on R. Cath. theology, and such like subjects, they are of little or no use: if it were really a good collection, it would be of material service, for the reading-room is it would be of material service, for the reading-room is open to all the town, and under certain regulations, books may be taken home. Drawing-schools, and collections of mathematical and philosophical instruments are attached to the lycoum. It has also a gymnasium, an ecclesiastical seminary, a provincial academy of arts, an imperial collection of conomical models, a normal bigh school, and school of arts, with 3 subordinate schools, 2 military schools a school of engineering, a female school attached to the convent of the Ursuline nuns, and other seminaries; a military and another large hospital, various charitable institutions, a private deaf-and-dumb asylum, a musical society, &c., with large barracks, a custom-house, a bank, and a small but fine theatre. The public gardens in the vicinity are favourite places of resort. places of resort.

places of resort.

Lintz has a large imperial factory of broad cloth, carpets, and other woollen stuffs, which occupies 7 contiguous houses, and is said, at one period, to have employed directly and indirectly 23,000 individuals: but this was most probably very far beyond the mark; and the introduction of machinery has since occasioned a material diminution of the numbers employed. Considerable quantities of the red woollen caps made here are sent to Turkey. Lints has other woollen factories, with manufactures of cotton and silk goods, leather, gold lace, cards, tobacco, &c. Two fairs are held annually, one at Easter, and the other at the Assumption; and the transit trade by the Danube, especially since Lints became a station for the steamers on the river, is very considerable, and employs several of the inhab. Two

LIPARI ISLANDS.

railways meet at Lins: one goes N. to Budwies in Bohemia 67 m., and was the first constructed in Germany, and the other to Gmunden on the Traun. It is intended to carry on the latter to Gräts, by way of Leoben and Brüch: the mineral products of Styria, &c., will then be brought by it to the Danube, as the salt which supplies Upper Austria is at present from the Sakkawamergus. (Turnbull's Austria, il. 372.)

Lintz is supposed to have been known to the Romans, and it is said to possess some Roman antiquities. It was purchased by Leopold II., margrave of Austria, in 1036. In 1626, during the civil war of Upper Austria, it opposed a long and successful resistance to Fahdinger, the peasant leader, who was mortally wounded before its walls. The suburbs were then, however, destroyed by fire, and the castle and a part of the city suffered severely from the same cause in 1800. (Ocsterr. Nat. Excyc.)

LIPARI ISLANDS, a group in that part of the Mediterranean, called the Tyrrhenian Sea: they are a dependency of Sicily, from the N. coast, of which they are from 10 to 40 m. distant, forming a part of the intend of Messina, between lat. 389 20 and 380 55 N., and long, 160 15 E. Aggregate pop. of the group estimated at about 22,000, of whom about 12,500 belong to the town of Lipari. (See post.) There are 7 principal siands, Lipari, Vuicano, Stromboli, Salini, Panaria, Felicudi, and Alicudi; and a number of adjacent islets and rocks. They are all mountainous, rising abruptly on their W. side, and shelving down gradually towards the E.; and in addition to this uniformity, each island, with scarcely an exception, has a high isolated rock off its N. shore, a peculiarity extending even to the distant isle of Ustica. They are evidently of voicanic origin, being composed chiefly of hornstone and granite, covered with lava, scorie, pumice stone, and other voicanic products. Stromboli (which see), the most northerly of the islands, has the only voicano in Europe which is in constant activity. Lipari and Vuicano have a

refreshing; storms and earthquakes are, however, frequent. Where the volcanic substances have been decomposed so as to form soil, it is very fertile; but it absorbs moisture so rapidly, that the inhab, are obliged to construct capacious cisterns, in which rain-water is carefully preserved for irrigation, and other purposes. Lipari, the central and largest of these islands, is about 18 m is circuit. It was peopled by a colony of Chidians, and is described by Strabo as having a fleet, and commanding the other islands. (Strabo, 11b. vi.) Its interior is rugged and broken, presenting hills of vitrified volcanic substances, which, though at least 3,000 years old, present no symptoms of decomposition; but it has, not withstanding, two considerable plains, and some deep valleys, which are well cultivated, and productive. Exclusive of about a three months' supply of corn, it produces large quantities of fruit, especially grapes, with figs, prickly pears, olives, &c.: It also produces cotton, beans, and peas. Some wine is made; that called Malvasia being lighly esteemed in Naples. Most of the grapes are, however, converted into raisins: they are prepared by placing the ripened grapes in an alkaline ley of ashey, more or less impregnated with salt, and afterwards exposing them to the meridian sun. By this means, an extremely luscious raisin is produced. The agricultural products of the other islands are much the same as those of Lipari: in some, a few oxen are reared, but cattle are products of the other islands are much the same as those of Lipar!: in some, a few oxen are reared, but cattle are generally scarce and lean, the pastures being fit only for goats. Lipari was celebrated in antiquity for its hot springs and sudatories; they are now, however, but little used. The only spring in the island is hot. (Russell's Sicilly, p. 274.) Lipari is the great magazine whence Europe is supplied with pumice-stone, its surface being almost wholly composed of that singular substance. Though so abundant in that island and Vulcano, pumice-stone is not found either in the neighbourhood of Etna or in the regions of extinct volcanoes on continental Europe, and only in small quantities in Vesuvius. It is of various kinds and degroes of specific gravity, one variety being so light as to float on water. It is used to polish marble, metals, pasteboard, &c., and fetches from &t. to 10% a ton in the London market. Other volcanic products, as suiphur, nitre, sal ammonlace, poszolans, 8J. to 10L a ton in the London market. Other volcanic products, as sulphur, nitre, sal ammoniac, postolana, bitumen, &c., are among the chief exports from the Lipari Islands, and in these an active trade is carried on. The principal crater in Vulcano, the most S. of the islands, is covered with efforcescences and incrustations of the above products. Alum, however, which was formerly a great staple, and from which the Romans anciently derived a considerable revenue, and the Lipsriot merchants great profits, now scarcely exists as an article of commerce: the failure of its production is supposed to be owing to a diminution in the intensity of the subterrances fires.

be commerce: the sature of the protection is supposed to be owing to a diminution in the intensity of the subterranean fires.

Sulphur is still exported, but not to the extent that it might be, from the notion that the vapour arising from its purification infects the air and singures vegetation. Saima is so called from the salt-pans on its S.E. shore, which produce enough of that article for the supply of all the islands. The pressa marrisa, from whose silky filaments the Romans made imperial robes, abounds on the shores of Salina. Next to pumice stone, wine, raisins, currants, olives, salt, and sulphur, sods, capers, coral, and fish are the chief articles of export. The natives are generally poor, though few are in the extreme of poverty. They are industrious, hardy, and make good seamer, but they are immoral, fifthy in their habits, and infested with scables. (Dolomics, Fouge our lice & Lipari, 1—140.; Smgith's Sicily, M8—279.)

These islands were called Hephaestiades by the Greeks, and Vulcanie by the Romans, from their emitting smoke and fames; such places being supposed to be either in-shited by, or under the immediate protection of, Vulcan, Vulcano, however, was more especially sacred to the god of fire, and is said by Virgit to be

"Vulcani domas, et Vulcania nomine tellus."

" Vulcani domus, et Vulcania nomine tellus."

They were also frequently called *Eolian* lales, from *Eolias*, one of their sovereigns. This prince having learned, according to Pilny, to foretell, from observations made on the smoke of the volcances, the coming changes of the winds, was said by the poets to have the latter under his command. (Hist. Nat., lib. iii. cap. 9.) Virgil has described the power and functions of *Eolius* as ruler of the winds, in one of the finest passages of the *Eneid: "—

"Hie vasto rer Æolus antro
Lactantes ventos, sempetatasque acorora
Lamptio prenti, ac vincita et carcere franat.
Illi indignantes magno cum nurmure montia
Circum claustra fremunt. C-as seete Æolus arce,
Sceptra innens; mollitque animos, et temperat traNi faciet, maria ac terrae coclumque profundam
Quippe firmat rapidi secum, varrantque per arca-.

Econd. I. lin. 56.

Lipan, the cap, town of the above group of islands, and of a canton under the intend of Messina in Sicily, on a steep declivity on the E. side of Lipari island; lat. 38° 27′ 56″, long. 14° 57′ 50″ E. Pop. 12,500. It is healthy, but crowded, irregular and dirty, with narrow streets, and ruinous public edifices; of which last the finest are the Capuchin convent, an hospital, a nunnery, and the bishop's palace. The castle, which encloses the exthedral and some other edifices, is erected in a commanding situation, on the summit of a huge volcanic rock. From fragments of a Cycloplan wall and other remains, Smyth conjectures that this was the identical Acropolis which the Romans, about sraso 259 s. c., attempted to carry by escalade, but were repulsed and driven back with great loss by the Carthaginians under Hamilear. (Scilgs, 6c., 264.) The greater part of the present fortress was built by Charles V., after Barbarossa had plundered the town in 1544. The cathedral is a nest edifice, but has been much injured by lightning. A college is established here, under which are 8 schools in different parts of the islands. Several Greek and other edifice, but has been much injured by lightning. A collège is established here, under which are 8 schools in different parts of the islands. Several Greek and other antiquities exist in and round the town: an excellent statue on the Marina, supposed to have been erected in honour of Timasitheus, has, "by the addition of a copper nimbus, been converted into a saint." Lipari has an active trade in the produce of the islands with Messina, Palermo, Naples, &c. Its bay or harbour, nearly 2 m. in circuit, bas deep water and tolerably good holding fround, but from want of a mole, it is not at all times secure. (Smyth's Sicity, 263, 264., and Appendix; Russell; Brydons; Rampoldi, &c.)

LIPETZK, a town of Russia in Europe, gov. Tambof, on the Voroneje, an affluent of the Don, 80 m. W. by S. Tambof. Pop. nearly 6,000. It has several churches, most of them of wood. It had at the end of the last century an imperial cannon foundry, employing nearly 1,500 hands, but it appears to be no longer in activity. A mineral spring, frequented by numerous visiters, was converted into a spa, under the auspices of Peter the Great, a statue of whom was erected in the town by one of its citizens, in 1839. (Possart; Das Katserth; Bustland, 570.)

LIPPE, DETMOLD, a principality of N.W. Ger-

one of its citizens, in 1839. (Possart; Das Katserth; Ressland, 570.)
LIPPE-DE TMOLD, a principality of N.W. Germany, between lat. 510 47 30° and 52° 11° N. and long, 8° 33° and 9° 20° E., having N.E. and E. territories belonging to Hesse-Cassel, Hanover, Waldeck, and Prussla, and being elsewhere surrounded by Prusslan Westphalia. Area, 445 sq. m. Pop., in 1839, 32,370, the great bulk of whom, with the reigning family, are Calvinists. The country is in general hilly, especially its S.W. part, where the Testbourgerward separates the basins of the Rhine and the Weser. The latter river

forms a part of the N. boundary: the Werra, one of its tributaries, is the other principal stream of Lippe-Detemold. The climate is one of the mildex and most agreeable in N. Germany. The mean temperature of the year, in the valleys and plains, is about 49° Fah. Agriculture its the chief occupation of the inhabs. Corn, of various descriptions, beans and peas, rape seed, flax, and hemp are the principal articles of culture. The country is well wooded, particularly with oak and beech; and timber is one of its most important products. A good many sheep and hogs, and excellent horses, are bred; and the rearing of bees is extensively pursued. About 20,000 centners of salt are annually produced from salt springs; and marble, lime, and iron are obtained in small quantities. The weaving of linen fabrics, and the spinning of linen yarn from the flax produced in the territory, partially occupy the rural pop. Berghaus asysthere are 3,000 looms in the principality; and that linen goods to the value of 1,000,000 rix dollars a year are made. There are some woollen cloth and glass factories, tanneries, distilleries, and paper-mills; and Lemgo has a manufacture of weerschause pipe-bowls. These articles, after timber, linen stuffs, and yarn, and cattle, are the chief articles of export. The government is a constitutional and hereditary monarchy, remodelled in 1819; and vested in the prince, and a representative body, or det of 21 members; 7 elected by the nobility and knights, 7 by the inhabs. of towns, and 7 by those of the rural distr. The diet is convoked every 2 years, and no new tax can be improsed without its consent. All questions relative to taxation are decided by the states in one assembly, by a majority of votes: on other questions, though the states deliberate together, they vote in 3 separate assemblies, the dept. Of the nobles and knights forming one by themselves. Appeal lies from the civil and criminal tribunals of the princip, to the high country, the princes of Lippe-Detmold having, for a lengthened prince, an

"Whose entereth within this town,
That shearing far, celestial seems to be,
Disconsolate will wander up and down
'Mid many things unsightly to strange ee;
For hut and palace show like fithily;

The dingy denizers are rear'd in dirt, le personage of high or mean degree loth care for cleanness of surtout or shirt, a sheat with Egypt's plague, unkempt, unwash' Childe Hai sb'd, unhurt."

The dingy denisers are rear'd in dirt.
Ne personage of high or mean degree

Though sheat with Egypt's plages, unkempt, unwah'd, unhurt."

The streets are badly paved, and generally narrow, and the houses, with here and there a latticed window, have a melancholy appearance: while in filthiness and impurity of every description Lisbon may rive with Constantinopie. Mrs. Baillie, who resided here for more than two years, describes its streets as sending forth "the most pestilential effluvia. Dogs of every mongrel breed, lank, lean, and voracious, lie about the streets in alarming numbers. Indeed Lisbon maintains no other scavengers." The police, however, has been improved, and scavengers now cleanse the wider streets; but the greater part of the city is still worthy its ancient notoriety for the want of cleanliness, and even decency. The E. quarter of the town not having been destroyed by the earthquake of 1756, is the oldest, and has very narrow irregular lanes, skirted by high old-fashloned and half-ruinous houses; but lower down in the plain to which the ravages of that calamity were confined, the town has been rebuilt in a regular manner, and excellently paved, and there are a few squares and open spaces, which contrast strikingly with the mean appearance of other parts. Lisbon is an open town; and its suburbs are so nearly connected with it, that it is difficult to define its limits. Measuring, however, from the small river Alcantara eastward, to the termination of the continuous buildings, we find it to be about 24 m. in length; the breadth varies from 1 m. to 1 m., so that its total area comprises about 2,000 acres. The whole of this space, however, is not covered with buildings; for in many parts there are extensive plantations and gardens, public squares, and a vast extent of ground unoccupied, except by ruins and rubbish, the monuments of the catastrophe of 1786. Some houses also, have been thrown down, and others greatly injured by subsequent shocks; and there is, perhaps, no great presumption in anticip

"That purple land, where law secures not life," was much improved after the peace by the establishment of Novion's police; but this useful body was broken up at the time of Don Miguel's expulsion, and property as well as life are aimost as unsafe as ever. The streets, with the exception of a few great thoroughfares, are scarcely lighted at all: there are plenty of fountains; but water is not used to clean the streets, and there is no attempt at sewerage. Fires are frequent; but they are not destructive, owing, in part, to the solid construction of the buildings, and in part to the unfrequent use of domestic fires, and the formation of the agoadciros or Gali-

cian water-carriers into corps, stationed at different parts, to convey water from the fountains on the first alarm. These, of whom there are about 7,000, are generally employed in Lisbon to carry burdens and perform the more severe labour. The work of porters, however, at the custom-house and India-house is done by the Portu-

guese, to the entire exclusion of the Gallegos.

more severe labour. The work of porters, however, at the custom-house and India-house is done by the Portuguese, to the entire exclusion of the Gallegos.

Few cities of Europe are so scantily supplied with fine public buildings. The custom-house, exchange, and India-house are large and handsome; but besides these there are scarcely any except the churches and convents, which crown the hills, and look like palaces and fortresses. Some of the former, rebuilt since the earthquake, are very spacious, and profusely decorated in the worst taste. The principal of these are, 1. the cathedral, a large Moorish building restored in 1770, and situated on the slope of the hill on which is the castello, or citadel: 2. the church Do Coração de Jesus, the largest and most sumptuous sacred edifice built since 1755, surmounted by a finely-proportioned dome, and remarkable as containing a mausoleum dedicated to its foundress, the queen Maria; 3. the ancient church of the Martyrs, erected on the spot where Alphonso I. mounted the walls of Lisbon, and took it from the Moors; and, lastly, the elegant but still unfinished church of Santa Engraçia, which not having been touched for the last thirty years, a proverb has come into use, entitling all incomplete undertakings as obras de Santa Engraçia. Here, also, we may mention the church of San Geronimo, at Belem, built by King Emanuel in 1499, and exhibiting a fine specimen of the ornamental Gothic and Arabio styles: in the interior is a royal mausoleum. The convents, which are of large size, form a principal feature in the town; but, since the suppression of the monasteries in 1838, Lisbon has lost much of its monkish appearance, the buildings have been converted to public uses, or sold to private individuals, and the wealth has been thrown into the national treasury. The English built a Protestant chapel in 1822 contiguous to a cemetery, in which, among other remains of our countrymen, lie those of the celebrated Henry Fielding, who died here on the 8th of October, 1754, at the early died here on the 8th of October, 1754, at the early age of 48. Among the other public structures, the fine aqueduct of Agoas lierzs, deserves mention as one of the greatest works of modern Europe, and which will bear comparison even with the grand specimens of ancient bridge-architecture. It brings water from several springs about three leagues N.W. of the city: its course is partly under ground; but as it approaches Lisbon, and crosses the deep valley of the Alcantars, it is carried over 35 bold marble arches for a length of about 2,400 ft. The water enters the town at the Praca das Amoreiras, where, as enters the town at the *Praga das Amoreiras*, where, as before mentioned, is the great reservoir from which water is distributed to the various fountains, and whence water is distributed to the various fountains, and whence the Galician agoaderires draw the supplies, which they sell from house to house, and hawk about the streets. The palace of Necessidades, in which the present queen has resided and held her courts ever since the death of the late king-consort at Ajuda, is small and mean-looking, and the palace of Bemposta is equally unworthy so imposing a name; but the palace of Ajuda, near Belem, lately completed, is a large building, and, nowthstanding its faults of architecture, may rank as one of the finest in Europe. The arsenal, post-office, mint, corn-exchange, two public hospitals (one of which, called the hospital of San Josech, is extremely well conducted, and has ing its inalits of architecture, may rama as one of the measure in Europe. The arsenal, post-office, mint, corn-exchange, two public hospitals (one of which, called the hospital of San Joseph, is extremely well conducted, and has accommodation for 1,500 patients, with an attached school of medicine), the nobles' college, and the palace of Calharix, are the only other national buildings of any importance, except the theatres. The opera-house of San Carlos is a large building of good proportions, with noble box in the centre for the royal family; and Dr. Wilde, a very recent traveller in Portugal, anys that the opera enjoys a well deserved popularity, the singing being very good, and the ballet really admirable. (Narratite, vol. i. p. 49.) There is a theatre for the perrotimence of the national drama; but it is small and mean, and the plays as well as the performers are of a very inferior character. Lisbon, also, like Madrid and Seville, has a buil-ring, the size of which, however, with bear no comparison with the latter, nor are the performances so splendidly appointed or well managed. It must be observed, however, that the people of Lisbon visit the opera rather in obedience to fashion than from any desire for amusement: the buil-fights are not attended, as in Spain, by the Elite of society, and the national drama is chiefly supported by the bosrgeotisc. Out-of-door amusements are seldom sought, except water-excursions, in which the people generally take great pleasure; the shores of the Tagus are indeed most beautiful; the country on the opposite side offers many interesting objects, as Almada, Barreiro Seixal, Setubal the convent of Arrabida, &c.

The literary and educational institutions of the Portuguese cap, comprise, I. a Royal Academy of Sciences, founded in 1778, having a good library and museum, and publishing memoirs and scientific works; 2. a patriotic

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literary society established in 1822, and sending forth a journal of its proceedings, a society for promoting national industry, and the following establishments, either wholly or in part supported by the government, viz. a school of commerce attended by about 150 pupils, a royal naval acacommerce attended by about 150 pupils, a royal naval academy, a royal scademy of engineering, a school of surgery, a music school, 12 schools of logic and rhetoric, 12 others for classical instruction, and 18 primary achools; but they are ill supported, inefficiently conducted, and have been, till very lately, remarkable rather for their antiquated style of instruction than for positive and general useralness. The national public library of Lisbon in the Praca do Commercio has been much enriched by the addition of books forward belonging to the monasteries, and probably now contains about 150,000 printed vois besides MSS. The library of the Cortes in the Hospicio read de noise Sensora das Necessidades, where that body holds its sitting, comprises about 30,000 vols.; and that belonging to the theological seminary of San Vicente de Fora has about 18,000 vols.; but the books in these collections are chiefly ecclesiastical and old, while the department of science, 18,000 vols.: but the books in these collections are chiefly ecclesiastical and old, while the departments of actence, modern literature, and modern history, are almost entirely neglected. In fact, Portuguese literature, down to a very recent period, had been, for many years, in a state of stagnation, and the institutions of Lisbon are now only slowly recovering from the lethargy in which they had been buried upwards of thirty years. Besides the establishments already described may be mentioned the Royal printing-office, and the cabinet of natural history and botanic garden at Ajuda. Several newspapers are published in the cap.; but they are without exception badly conducted, and exercise very little influence either on society or government.

conducted, and exercise very little influence either on society or government.

The harbour, or road of Lisbon, is one of the finest in the world, and the quays, which extend nearly 2½ and along the banks, are at once convenient and beautiful. Fort St. Julian, built on a steep projecting rock, marks the N. entrance of the Tagus; and on it is a lighthouse, rising 120 ft. above the sea level. Two large banks, called the N. and S. Cachops, obstruct the river mouth, and on the middle of the latter stands the Bugio fort and lighthouse, the latter being 66 ft. high. The least depth of water on the bar in the N. channel is 4 fathoms, and in the S. 6 fathoms; and there is little danger in entering the port, except during ebb tides, which run out at the rate of 7 m. an hour. Inside the harbour the water from nearly 20 fathoms in mid-channel shoals gradually to the rate of 7 m. an hour. Inside the harbour the water from nearly 20 fathoms in mid-channel shoals gradually to the edge; but in some parts vessels may come within 200 yards of the shore. Lisbon, however, with all the advantages of its position and the excellence of its position and the excellence of its position are allow rank in respect of commerce and industry. The despotism, intolerance, and imbedlity of the government have weighed down the national energies, and the in-security both of life and property, in consequence of bad laws and an inefficient police, have paralysed industry of every description.

The foreign trade of Lisbon, formerly of considerable

aws and an memciaent police, have paralysen moustry of every description.

The foreign trade of Lisbon, formerly of considerable importance, but, perhaps, at all times, much overrated, has rapidly declined since the emancipation of Brazil. She had formerly about 400 shipe, varying in burden from 300 to 600 tons, engaged in the South American trade; but at present only 50 vessels are employed in that trade, the average burden of which does not exceed 150 tons. Indeed, the produce of Portugal now sent to foreign countries is almost entirely conveyed to its destination in foreign ships. A small number of sea-going ships belonging to the port, probably about 50, of the aggregate burden of 9,000 tons, are engaged in foreign trade, partly with the E. Indies and China, but chiefly between Setubal (or 8t. Ubes), and Cork, exporting sait in return for butter; and about 300 small craft are employed in the coasting trade.

The following table shows the number and flags of different ships that entered and left Lisbon in 1837-38:—

Cox	ماحدد			Arr	ived.	Departed.		
	_			1837.	1838.	1837.	1838.	
British	•	•		290	324	28-5	315	
Portuguese	•	•		568	371	539	571 79 50 31 27 21	
Swedish	-	•	•	52	79	48 55	79	
Dutch	•		•	58	50 31	55	50	
Remine	-			18	31	16	31	
Spanish	-	•		14	27	14	27	
Serdinian	•			18	27 21	16	l ēi	
American		•		iĭ	19	iŏ	10	
French				84	ĬŠ	10 83	iš	
Hanoverian				و ا	17	1 ~	l iř	
Rambergh				1 1 2	iš	ιĭ	l iš	
All others	•	•	•	89	26	84	17 13 26	
Total of	hips			1,173	1.031	1,190	1,023	

The exports comprise wine, oil, fruit, and salt; among the imports are, hemp, flax, and linen cloths from Russia; iron, steel, salt fish, timber, pitch, and tar from the Baltic; linens, corn, &c. from Holland and Vol. 11.

Germany; silks from France; and cotton and woollen goods, cod-fish, hardware, ale and porter, linen, coals, and earthenware from England, which engrosses fully 7-8ths of the trade in foreign bottoms. The following account of the articles imported into Lisbon from the British dominions, in 1837, though imperfect, will give a tolerable idea of the present state of the trade between the two countries.

Cotton goods	10,202 cases 1,340 bales 618 cases	L. 895,144 136,448 17,698
Wrought metals - Drugs - Earthesware	12,906 firkins 88,837 quintals 13,858 cases 2,558 — 937 crates 814 clients 678,653 arrobas 12,209 quintals	30,780 67,791 38,969 13,496 12,137 10,438 11,516 5,101 46,580

Total value of Imports from Great Britain

Total value of Great Britain

There is no regular warehousing and bonding system at
Lisbon: all imported dry goods are allowed to lie in the
custom-house stores two years, and liquid, six months,
without charge, provided they are intended for consump
tion, and pay duty accordingly; otherwise, if re-exported,
they pay 2 per cent. The port charges on a foreign

ship of 300 tons, entering with a general or mixed cargo,
and clearing out with the same, average 66,360 reis, or

11.6 Gr. nearly 4-5thot of which are tonnage and light dues,
the former being 100 reis, and the latter 60 reis, per ton.

There are 2 respectable insurance companies — the Fidelidade, Restauraçao, and Bonança, — in any of which
insurances may be effected.

Lisbon has some fabrics of silk, paper, and soap;
there are sugar refineries, tan-yards, and potteries;
and its goldsmiths and jewellers are amongst the most
expert in Europe; but in every pursuit is to be perhaps to the character of the people as well as to political
causes. With respect to the character of other artisans,
Mrs. Baillie observes: "It is surprising how ignorant, or

at least superficially acquainted, the Portuguese are with
the commonest branches of handleraft: a carpenter is
awkward and clumsy, spoiling every work he attempts,
and the way in which the doors and wood-work, even of
good houses are finished, would have suited the rudest
ages. Their carriages of all kinds, from the fidaigo's
fami

and spring commences about the middle of Feb.

The pop. of Lisbon is of an extremely varied character:
nearly a third of the lower orders are Gallegos, blacks, or
mulattos, who, though the worst used and least considered, have a just claim to rank as the most hardy and
industrious people of the cap. Genoese, Spaniards, and
a few French, also, are employed, as gardeners or as
innkeepers, cooks, and stewards. The lower orders
of the Portuguese, who are seen, perhaps, to more disadvantage in Lisbon than in any other part of the kingdom, are remarkable for their indolence and disregard of
the comforts of life; but we believe that these evils are
owing, in a great measure, to the total want of education. the comforts of life; but we believe that these evils are owing, in a great measure, to the total want of education, the influence of a debasing superstition, and the badness of the government. Garlick, rancid oil, dried fish, and goat-cheese, which constitute their favourite food, are easily procurable; and so unconquerable is the predilection for the doice far niente, occasioned in part, no N

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doubt, by their climate, that they very seldom work except for a bare subsistence. That contempt of cleanliness which is more or less evinced by all but the very highest classes, is most striking and revolting in the lower orders, whom Mr. Semple has well described as "a swarthy, whom Mr. Semple has well described as "a swarthy, whom Mr. Semple has well described as "a swarthy, meagre race, generally clothed in rage, and fifthy beyond endurance." Iraschility and revengeduness are features of character common to all the inhab. of the peninsula; but to these the Posture of the common to all the inhab. of character common to all the inhab. of the peninsula; but to these the Portuguese adds cowardice, and hence assassinations and night attacks are far more common than in Spain. There can be no question, however, that the statements of travellers on ahis subject are greatly overcharged, or at least do not apply to the present period. Honesty and veracity are virtues seldom met with, unless among the merchants and better class of tradesmen; but there are some exceptions, particularly among domestic servants, who are usually respectful, attentive, and attached to the families by whom they are semilored. The merchants are an important body rul, attentive, and attached to the lamilies by whom they are employed. The merchants are an important body, not inactive in business, and tolerably wealthy, considering the great diminution of their resources since the separation of Brazil from the crown of Portugal; but their habits are modelled on those of foreign countries, or from intercourse with the English and French, many of whom secretally the former saves one tidewhile comtheir habits are modelled on those of foreign countries, or from intercourse with the English and French, many of whom, especially the former, have considerable commercial establishments in Lisbon, and constitute, in fact, its best society. The Portuguese of the aristocratic classes are more grave, reserved, and proud than the Spaniards, against whom all orders of the people entertain a deep-rooted, national antipathy. Their neighbours, however, are not far behind them in the violence of their prejudices, if we may judge from the Spanish proverb: "Strip a Spaniard of all his virtues, and you make him a good Portuguese." Lisbon, as a place of residence, is somewhat dull, especially after Madrid. There are no public walks or lounges, like the Prado and the Puerta de Sol, unless, indeed, the "tapada," a kind of paddock, on the road to Belem, may be reckoned among them; and even if there were, they would probably be little frequented; nor are the evenings rendered less tedious by the nightly tertuila, a pleasing feature in the society of Madrid. Families live much among themselves, seldom seeing company; neither sex is disposed to much exercise; and their chief pleasure is during summot, when they live in the retirement of their beautiful quintas, a great number of which are situated where where

" Cintra s glorious Eden intervenes In variousted mass of mount and glen."

The dress of the middle and higher classes of men differs little from that in England, except that a cloak or loose great coat is commonly worn over the dress both in winter and summer. The ladies spend absurdly large sums on their wardrobe; but their dress is tawdry and showy. Jewellery and gay-coloured shawls and mantillas are highly fashionable, coloured shoes being worn by walkers highly fashionable, coloured shoes being worn by walkers even in the filthlest streets of the city; indeed, ostentation and glare are prevailing features in the costume of Lisbon females, which forms a striking but unfavourable contrast with the sombre but luxurious dress of the ladies of Madrid. The diet of the people of Lisbon differs exceedingly from that of the French or Spaniards. Oil and garlick, the former usually thick and rancid, are unvarying ingredients at breakfast and supper, which are the principal meals: Indian corn and barley often supply the place of wheat; tea is little used, but chocolate is indianensable at breakfast, the accompaniments being hot pensable at breakfast, the accompaniments being hot beef steaks, fish, &c. Rice is the invariable accompaniment of dinner, served up with bolled beef, ham, and fried sausages, all which are eaten promissuously. The custine, however, of the higher classes is somewhat better conducted; but want of taste in these matters is universal. Fish is excellent, and cheap; and its market, in quality and variety at least, might vie with that of London. Abstemiousness in eating is little practised, even by the tender sex; but temperance in the use of wine is almost universal. Domestic habits are much more common among the middle classes in Lisbon than in Madrid; but both men and women marry at a very early age, and the parties are generally indifferent, often even unknown, to each other, the parents being the only negotiators of these unions, which may justly be called marriage af conversance. This accounts for, and perhaps in some measure excuses, the prevalence of conjugal infidelity, which is quite as common here, though scarcely so obtrustive, as in Spain.

The vicinity of Lisbon, ugly and uninteresting as is the city itself, presents most striking and delightful scenery. Orange and olive trees, cypresses, and judas-trees, grow mot only in the gardens, but in the open country. To the E. and N. of Lisbon are now quintas or country-houses, with rich plantations and vineyards; and about 6 m. N. W. of the cap, is Cintra (which see), a place that holds the same relation to Lisbon as a resort of Sunday visiters, that Richmond does to London, and the romantic beauties of which have been celebrated by Byron, in pensable at breakfast, the accompaniments being hot beef steaks, fish, &c. Rice is the invariable accompani-

language full of poetic beauty, and admirably descriptive of the scenery:

8 scenery:

"The horrid crags by toppling convent crown'd,
The cork-trees hoar, that clothe the shaggy steep,
The mountain mose by scorching skies imbrown'd,
The sunken gien, whose sunless shrubs must weep,
The tender acure of the unruffled deep,
The torrects that from cliff to valler leap,
The vine on high, the willow-branch below.

Mix'd in one mighty some, with varied beauty glow."

Childs Harvid, c. l.

air a in ose many occase, with warea beauty glow."

The valley of Collares, extending W. from Cintra, is one of the best cultivated, as well as richest, spots in the kingdom, and may very correctly be termed the nursery-garden of Lisbon, since the markets of that city are chiefly supplied from this quarter with fruit and vegetables; neither must it be forgotten that the genuine Carcavella wine is made from a peculiar grape raised in this district. About 8 m. from Cintra is the palace and convent of Maira, called, though very improperly, the Escurial of Portugal. (See Maraa.) W. and S.W. of Lisbon the country is not so well cultivated, the hills (formed of basalt, covered with limestone) being more rocky and naked, and extending W. several miles beyond Belem. This suburb (for though Belem is 22 m. from the Praça do Commercio, it is connected by a nearly continuous line of streets), inhabited by a pop. of about 8,000 persons, chiefly belonging to the nobility and wealthy citizens, may justly be called the west end of Lisbon. The church of San Geronimo has already been mentioned. The tower of Belem, another striking object, is the great cauren or San Geronimo nas arresuly open mentioned. The tower of Belem, another striking object, is the great customs-station of the port, whence the officers board all vessels entering the Tagus; close to it is a good quay, and without the village are the castle of Ajuda, and the quinta da Rainka, with gardens, menageries, &c., open to strangers.

quinta da Raina, with gardens, menageries, ac., open to strangers.

Lisbon was anciently called Olisipo, a name derived, as some say, from a legend that it was founded by Ulysses! The Romans changed its name to Pelicitas Julia, giving it the privileges of a municipium, and the ruins of an ancient theatre near the cathedral warrant the inference that it was then a place of some note. The Moors captured the city in A. D. 716, and, with some slight exceptions, it remained under their power till, in 1145, Alphonso I. made it one of the capitals of Christendom. In the 14th century, Ferdinand I. surrounded the city with walls; but it attained no great importance till the region of Emanuel the Great (1495—1521), who made it the principal port of the kingdom at a time when the Dortuguese were distinguishing themselves above the other nations of Europe in maritime discovery, and wealth was fast pouring in from the recently explored regions of the east. Its subsequent history is so intimately connected with that of Portugal, that we beg to refer the reader to that article. But we cannot conclude this brief account of Lisbon without noticing the earthquake of 1756, by far the most tremendous, and most extennected with that of Portugal, that we beg to refer the reader to that article. But we cannot conclude this brief account of Lisbon without noticing the earthquake of 1755, by far the most tremendous, and most extensively felt, that has occurred in modern times. On the first of November, in the above year (a festival-day, on which all the churches were lighted up, and crowded with devotees), a sound like that of thunder was heard under ground, and immediately afterwards a violent shock threw down the greater part of the city, destroying about 69,000 human beings in six minutes it. The sea first retired and laid the bar dry; it then rolled in, rising 50 feet, or more, above its ordinary level. The neighbouring mountains, among the highest in Portugal, were impetuously shaken, and some of them opened at their summits, which were split and rent, huge masses of rock being thrown down into the aubjacent valiles. But the most extraordinary circumstance was the subsidence of an extensive marble quay, on which great crowds had collected for safety. It suddenly sank with all the people on it, and not one of their bodies ever floated to the surface; nor were those in boats and vessels, on the Tagus, much more fortunate, great numbers being destroyed in the whiripool occasioned by this catastrophe. This earthquake destroyed also the sea-port of Setubal, and a village about 20 m. from Morocco, with nearly all their inhab; violent shocks being, at the same time, felt all over W. Europe, in N. Africa, and even in the W. Indies and S. America. (Lycits Geology, ii. 239.) From this disaster, Lisbon has never entirely recovered. The celebrated Marquis de Pombal, the chief minister of Portugal at the time, exerted himself to have it rebuilt on a regular plan, and to him it owes the few good streets in the neighbourhood of Roclo, the rest of the city presenting eithe ancient and crary buildings crowded together in the greatest disorder, or heaps of ruins and rubbish allowed to lie where they fell 85 years ago, monuments, at once, o tilied the famous lines of Torres Vedras, which, in 1809, proved a sufficient defence against a fresh invasion of the French under Massena. (Ballie's Lisbon, 2 vols. passim;

tiled the famous lines of Torres Vedras, which, in 1809, proved a sufficient defines against a fresh invasion of the French under Massens. (Battle's Lisbon, 2 vols, passim; Matthews's Diarry of on Invasid, pp. 10—28; 15r C. Broke's Traw. in Spain and Morocco, i. pp. 8—11.; Wide's Newr., i. pp. 40—28; Mod. Traw. and Prior. Pajoraw.)

LISBURN, an inland town and parl bor. of Ireland, e.a. Antrim, prov. Uister, on the Lagan, and on the high road from Belfast to Dublin, 8 m. S.S.W. the former, and 80 m. N. by E. the latter.

This is one of the handsomest, best built, and cleanest towns in the N. of Ireland. It consists principally of a main street along the grest road. Its church has been constituted the eathedral of the united diocesses of Down and Comnor. It has also a R. Cath. chapel, a Presbyterian, 2 Michodist, and 1 Quaker meeting-house; a actional school, 2 infant schools, and a school for the education of Quaker children, supported by the voluntary subscriptions of its members, several almshouses, the infirmary for the co. a market-house, which contains a suite of assembly rooms, and a court-house, formerly a place of worthly for the Huguenot settlers. (See post.)

"The Lagan river, on which the town is situated, runs into the head of Belfast Lough, and divides the con of Antrim from that of Down: R also separates a small suborb from Lisburn, no part of which is in the loor, though in the same par. (now in part. bor.). Great improvements have been effected of late years in Lisburn by the Marquis of Herrford, who is the owner of the fee of the whole town, and of a considerable part of the surrounding country. A canal runs from Lough Neagh into the river Lagan near the town, by which agricultural produce is conveyed to Belfast. Damask of the most beautiful description is manufactured in the town, as well as mushf and linen, though the two later branches have falled a feet of the content of the most have a surface of the
LISKEARD, or LESKARET, a parl, and mun. bor, market town, and par. of England, co. Cornwall, hund. West, 11 m. E. Bodmin, and 205 m. W. by S. London. Area of par., which is very nearly co-extensive with the parl. bor., 7,740 acres. Pop. of parl. bor. in 1841, 4,226. The town, which is meanly built with narrow streets, appears still more irregular in consequence of its site, partly in a hollow and partly on rocky heights, the foundations of some of the houses being on a level with the chimneys of others. Of late years, however, it has been considerably improved by the erection of large and

handsome modern house in the immediate environs. The town-hall, built at the beginning of the 18th century, is a large and somewhat elegant building supported by grantic pillars. The church is a spacious Gothic structure, with a tower of more recent erection: the living is a vicarage, of the nett annual value of 33M. An ancient free grammar school has been allowed, with other charities, to go to decay (Comm. 22d Report, part.), but a national school for both serse, and a school of industry for girls, are efficiently conducted and well attended. Liskeard, once a town of some consequence in the duchy as the principal place for the colning and stamping of tin, has at present neither manufactures nor commerce, but it is the market of an extensive agricultural district. It has some trade in the metals of the adjacent mining districts, and there are likewise tameries, rope-walks, &c. Markets on Saturday; fairs, Shrove-Monday, Monday before Palm-Sunday, Holy-Thursday, Aug. 15., Oct. 2., and the Monday after Dec. 6., for horses, cattle, sheep, and corn.

sheep, and corn.

Liskeard (an. Liskerral, meaning a fortified post) Liskeard (an. Lis-kerrat, meaning a fortified post) received its charter of incorporation in 1240, from Richard earl of Cornwall, which was subsequently confirmed by several sovereigns, and among others by Queen Elizabeth. According to the Municipal Reform Act, it is governed by a mayor, 3 other aldermen, and 12 councillors; it has a commission of the peace under a recorder. Corp. revenue, in 1847-48, 2441. From the reign of Edw. III. down to the passing of the Reform Act this bor. enjoyed the privilege of sending 2 mems. to the 11. of C., who, for many years previously, though formally elected by the freemen, were, in fact, nominees of the Earl of St. Germains. The Reform Act deprived Liskeard of one of its mems., and at the same time enlarged heard of one of its mems., and at the same time enlarged the bor. so as to comprise the entire par. with such parts of the old bor. as are without the par. Reg. electors in

Earl of St. Germains. The Reform Act deprived Liskeard of one of its mems., and at the same time enlarged the bor. so as to comprise the entire par. with such parts of the old bor. as are without the par. Reg. electors in 1849-80, 324.

LISLE, or LIILE (Flem. Ryssel), a strongly fortified city of France, dép. du Nord, of which it is the cap., on the canal connecting the Scarpe and Lys. in a spacious plain 9 m. from the Belgian frontier, and 124 m. N.N.E. Paris. Lat. 80° 37° 80° N.; long. 3° 4° 31" E. Pop., in 1846, 67,775. The shape of the city is oval; length N.W. to S.E. 1½ m., and greatest breadth about half as much. It is surrounded by a line of walls and bastions; beyond which, on its N.W. side, is the citadel, a regular pentagon, with a double ditch and extensive outworks, containing excellent barracks, officers' quarters, and magazines. This fortress has been considered the chef-d'aware of Vauban; and, in fact, Lille is one of the strongest cities of Europe. It is entered by 7 gates, the most southerly of which, or the Porte de Paris, is a handsome Dorfe arch built in 1682, to commemorate the military exploits of Louis XIV., who is represented as crowned by Victory in a group over the contre, the sides of the arch being fiamked by colossal statues of Hercules and Minerva (or Mars, according to Hugo). Few French towns are generally so well laid out as this, though some parts, principally inhabited by the manufacturing population, are of the most wretched description. There are nearly 200 streets, the principal of which are straight and wide; and 27 squares and market places, the largest, the Groade Place, being 170 yards in length by nearly 80 in breadth. The houses are mostly modern, and in a solid, plain style, built chiefly of brick, but in part of stone from the neighbouring quarries. Few have more than 2 or 3 stories. Of late years, many have been built with areas in front; and foot pavements are becoming pretty general in the principal thoroughiares. Lille has many large and conspecuous public edifi legraph is erected on the tower of this edifice. The church of St. Maurice, built in the 12th century, is the largest and oldest in the city, but its tower, which had

Revolution, it possessed numerous excellent paintings; and it has still a St. Nicholas by Vanderburgh, and a martyrdom of St. Maurice by L. Jan. St. Madeline, with a handsome cupola, is the only other church worthy of remark. There are 5 hospitals. The Höpital General, founded in 1723, is a fine but unfinished pile of building, of great extent, and usually accommodating; 500 patients. The Höpital Comitexe, founded in the 13th century, by the daughter of Baldwin, Count of Flanders, and Emperor of Constantinople, though it suffered greatly from fire in 1467, preserves all the characteristics of its original style of architecture. Its chapel has some good paintings by Vues. The military hospital is large, well aired, and altogether one of the best in France. In 1814, a school of military surgery was established in it. Several large barracks are situated in different parts of the city. Lille has had a mint since a very early period; and of late, steam has been used in its machinery. The Froetstant church, synagogue, abutoir or public slaughterhouse, exchange, the prisons, the theatre, constructed in 1783, concert-hall, and prefecture. the last three being handsome buildings, are the remaining principal public edifices. Lille has numerous benevolent institutions, a communal college, a public library with 21,000 volumes, well arranged, and comprising some valuable MSS, and a gallery of paintings comprising some valuable MSS, and a gallery of paintings comprising some admirable works of Vandyks, Rubens, Vues, and other matching the work of Vandyks, Rubens, Vues, and other matching allery was enriched by a condens of music, exademics of drawing, rehitecture, botany, &c.; a botanic garden, and various learned societies, nearly complete the list of public establishments. The canal on which Lille is built has several branches navigable for small trading vessels, which pervade the city. In its progress by and through Lille, different parts of this canal are called the upper, middle, and lower form of the same and the seaso

LISSA.

of furniture, clothing, washing, fire, candle, and tools;
so that any slight indulgence, want of employment, or
sillness, could not fail to plunge the family into the utmost
want. It is not easy, however, to see why, with such
average wages, the labouring population of Lille should
be so much depressed. A family of three persons, who
should receive 50t. A year in England, would be recknoed
any thing but bedly off; and if it were true, as is commonly adirmed, that the cost of living is a third less in
France than in England, a Lille workman with 38t, a
year should be as well off as a Manchester workman with
bût. In truth and reality, however, there is no such
difference between the cost of living is a third less in
The Lille workman, unlike those of Lyons, are not prone
to engage in insurrections; and no French manufacturing town has, in proportion, so many mutual benefit
societies. These, however, are so badly organised and
conducted, as to be next to useless; their meetings are
always held in a beer shop; and at the end of the
year, all the money in the cheet above a small amount is
divided among the contributors, to be spent on the spot,
"and the new year commences with the formation of a
new fund, the ultimate destination of which is the same."

(De Villencuse-Bargemoat.) Drinking is, in fact, the
prevailing vice and sole amusement of the workmen of
be lille. Though most prevalent among the cotton weavers,
&c., it is not a consequence of the introduction of the cotprevailing vice and sole amusement of the workmen of Lille. Though most prevalent among the cotton weavers, &c., it is not a consequence of the introduction of the cotton manufacture; for long previously to that epoch many of the work-people were accustomed to work only three days in the seven, and to spend the other four in pot-houses. Lille is the seat of courts of primary jurisdiction and commerce, a conscil des prud'houses, forest inspection, &c., and is the head quarters of the 16th military division of France.

It is supposed to have been founded in 640; and successively belonged to the counts of Flanders, the kings of France, and the dukes of Burgundy. In 1667 it was taken by Louis XIV; and being improved and fortified by Vauban, was definitively annexed to the crown of France. It has sustained coveral slarges of batch the sed by Vauban, was definitively annexed to the crown of France. It has sustained several sieges, of which the most celebrated was that by the allies, under the Duke of Mariborough and Prince Eugene in 1708. It was bravely defended by Marshal Boussiers; but notwithstanding the gallantry of the garrison, and the fact that the French had a powerful army in the field, it was ultimately obliged to surrender. In 1793 it was bombarded by the Austrians. (Hugo, ort. Nord; Villernit, Tableas Physique, &c. des Ouvriers, i. 78—107.; Guide du Voyageur; Dict. Géog., &c.)

L'ISLE, or L'ILE, a town of France, dép. Vancluse, can. cant., on an island in the Sorgues, a tributary of the

cap. cant., on an island in the Sorgues, a tributary of the Rhone, 12m. R. by S. Avignon. Pop., in 1836, 4,818. It manufactures woollen fabrics and yara, tram and organzine silk, and leather, and has some trade in silk, madder,

Rhone, 12m. B. by S. Avignon. Pop., in 1836, 4,518. It manufactures woollen fabrics and yarn, tram and organian silk, and leather, and has some trade in silk, madder, oil, and wine.

I SMORE, an inland town of Ireland, cos. Waterford and Cork, on the Blackwater, 28 m. E.N.E. Cork. Pop., in 1841, 3,007. The town has been much improved of late years, principally through the exertions, and at the expense, of the Devonshire family, who have large possessions in this part of Ireland. It stands on an eminence overlooking the river, across which is a fine bridge, built at the expense of the Duke of Devonshire. Lisburn was formerly the seat of a bishopric, now united with Cashel and Waterford. The cathedral is in good preservation, and handsomely fitted up: it has also a large R. Cath. chapel, a Presbyterian and a Methodist meeting-house, an excellent grammar-achool, built and cadowed by the Devonshire family, some alms-houses, a court house, a fever hospital, and a dispensary. But the great sitraction of Lismore is its magnificent old castle, founded by King John, in 1195. It is nobly situated on a rock rising perpendicularly from the river. This large and venerable pile was once the property of the famous Sir Walter Raleigh; and, after numerous viciasitudes, came, through the Boyles, into the possession of the Devonshire family, by whom it has been greatly improved and embellished. It is now in complete repair, and is occasionally visited by its noble owner. It has withstood several sieges. In 1785, the Duke of Rutland, then Lord Lieutenant of Ireland, held a court here, and issued some proclamations, dated from the castle.

Lismore returned 2 mems. to the Irish H. of C. till the Union, when it was diafranchised. A manor court holds pleas to the extent of 10L every third week. Petty sessions are held on alternate Wednesdays. It is a constable, though a canal has been constructed, by the Duke of Devonshire, from it to near Cappoquin, where the river becomes navigable. There is a salmon fishery close to the town, the p

^{*} The details by M. le Visc. de V. Bargemont, formerly profect the dep., are still more reveiting. (See his Repport, dy. contre is Ci Hors. 1832.

4,000 are Jews. It is walled, and has three Lutheran churches, a Rom. Cath. church, a synagogue and Jewish school, a gymnasium, two hospitals. a fine council-house and a theatre. Its streets are mostly narrow and dirty; and the greater number of the houses are of wood. The and the greater number of the houses are of wood. The neighbouring castle was formerly the property of the Lecstnsky family, of which Stanislaus, the last king of Poland, was a member; but it is now the residence of the princes Sulkowski, to whom the town belongs. Lissa is the seat of a police court. and a board of the princes Sulkowski, to whom the town belongs. Lisas is the seat of a police court, and a board of taxation: a considerable manufacture of woollen cloth is carried on in it and its neighbourhood; and, besides woollen stuffs, it trades in furn, wines, and hardware. Lissa was an unimportant village, when a number of Protestants, driven from Silesia, Bohemia, and Moravia, by the persecutions of the 17th century, settled in it; and to these immigrants it owes its present consequence. (Von Zed-tits, Das Preussische Staat, ill. 156. &c.)

Lissa. See Lissas. See Lissas. See Lissas.

LITHUANIA, a country comprising a considerable portion of the ancient kingdom of Poland, at present parcelled amongst the Russian governments of Wilna, parcelled amongst the museum governor, and Minsk (which see).

LITTORALE (AUSTRIAN). See ILLYRIA, TRIESTE,

LITTORALE (HUNGARIAN). See HUNGARY, CROATIA.

LITTORALE (HURWARIAR). ONE INDURANT, CARAIN, FIDME, &C.
LIVADIA (an. Lebadés or Lebades), a city of indep. Greece, which, under the Turks, gave its name to the prov. comprising E. and W. Hellas, in Becota, on the Hercyna, about 6 m. W. the Lake Copais, 25 m. W. N. W. Thebes, and 50 m. N. W. Athens; lat. 38° 36′ N.; long. 32° 59′ E. Pop. uncertain; but before the Greek revolution it was estimated at 10,000. At that period it had 1,500 houses, many of which were good, though its streets were dirty, narrow, and inconvenient. Its site is very striking, occupying several fantastic knolls and crags at the entrance of a deep defile in a branch of the Heliconian chain. The river Hercyna, which rises in a full stream and with great force from beneath a rock close to the town, rolls in feaming torrents over masses of rock: stream and with great force from beneath a rock close to the town, rolls in foaming torrents over masses of rock: it is augmented near its source, by a tributary stream from the cavern of Trophonius. The ancient city, called Misleia by Homer, is supposed to have been built, in part at least, upon the lofty heights which overhang the modern towa, and upon which the remnants of a citadel are still visible; with additional buildings constructed by the Catalans, when they were in possession of this country. Previously to the revolution, Livadia was the seat of a voivode or governor, and a cadi, and had 6 mosques, and as many Greek churches. It had also a considerable trade in the produce of the surrounding territory, and of

trade in the produce of the surrounding territory, and of Attica, with Constantinople, and foreign countries. Madtrade in the produce of the surrounding territory, and of attica, with Constantinople, and foreign countries. Madder, corn, oil, kermes, cotton, and honey, were among its principal exports, which it formerly sent to Trieste, Venice, Leghorn, Genoa, and even London. Its port at Asproprit, the an. Assicyra, on the Corinthian Gulph, is 18 m.W. S. W. from the town. Livadia was burned by the Turks in 1821, and subsequently in part destroyed by the Greeks in an attack upon the Turkish garrison. There can be little doubt, however, that since the revolution it has recovered some portion of its former trade and prosperity. Its greatest drawback is the unhealthness of its altuation. It suffers from great extremes of termperature; the sir is frequently loaded with dense fogs, and in summer is vitiated by pestilential effluvies from the neighbouring lake of Copais. In 1783-86, the plague carried off 6,000 of the inhab. (Clarke's Travels, vii. 146—170.; Hugkes, 1.327—349.; Hobbouse, pp. 260—264.) The entire celebrity and, perhaps, even existence of Livadia, was owing to its being the seat of the famous oracle or cavern of Trophonius. Dr. Clarke has sufficiently identified the site of this celebrated cavern; but the reasons he has alleged in favour of the hypothesis, the blacement is dentified the site of the famous of the contractions of

ciently identified the site of this celebrated cavern; but the reasons he has alleged in favour of the hypothesis, that the Hercyna is identical with the fountain of Lcthe, or waters of oblivion, are far from conclusive. (Clarke, vil. 161. 8vo. ed.) Clarke supposes the fountain that now issues from below the cavern to be that which anciently received the name of Macmosyne, or waters of memory; but this fountain may formerly have been divided into two, or one of the ancient fountains may have disappeared through some convulsion of nature: at all events, it would seem to be pretty clear from the statement of Pausanias, that there were within the sacred precinct the two fountains of Lethe and Mnemosyne, exclusive of the source of the Hercyna. (Passawas, lib. ix. cap. 39).

mosyne, exclusive of the source of the hercyna. (***cs***as, lib. ix. cap. 39.)

This was one of the most formidable of the Greek

This was one of the most formidable of the Greek oracles. The Hieron, or sacred cavern, was surrounded by bare, rugged, and high precipitous rocks. Thithe those anxious to consult the oracle were, after long preparation, conducted at night through a grove; and could paration, conducted at night through a grove; and cound not fail to be deeply impressed by the solemnity of the place, and by the roaring of the waters of the Hercyna bursting forth from their subterranean caverns. Having arrived at the Hierow, the votary, after addressing a prayer to the statue of Trophonius by Dædalus, de-

scended into the adysum, a narrow and deep aperture excavated in the rock, and, no doubt, leading to some great natural cave or charm. Those who ventured down into this hidden recess seem, generally, to have experienced rather rough treatment. Trophonius was not to be questioned with impunity. The votaries, when they came forth from the abyas, were usually much exhausted, and had no distinct recollection of what they either heard or saw. Generally, however, the mysteries exhausted, and had no distinct recollection of what they either heard or saw. Generally, however, the mysteries of this dread cavern made a deep impression on their minds, and entailed upon them a settled melancholy for the reunainder of their lives; so that it was a proverbial expression in Greece to say of a gloomy or melancholy individual, that "he had come from the cave of Trophonius." No doubt, however, the priests took care to modify their treatment of the votaries, as well as their resoness. according to their rank and took care to modify their treatment of the votaries, as well as their responses, according to their rank and their bounty to the temple. Pausanias, who descended into the adytum, and describes what occurred to himself, states, that when he came out he was so confused as to have lost his senses. But this visit must have taken place so late as the middle of the 2d century, after the oracle had been long on the decline; and when, nechably it had been a tripned of half the horrors by

taken place so late as the middle of the 3d century, after the oracle had been long on the decline; and when, probably, it had been stripped of half the horrors by which it had formerly struck terror into those who attempted to penetrate by its means through the veil that conceals futurity from mortal eyes.

The accounts of Trophonius, the reputed founder of the oracle, vary extremely. This much, however, seems to be agreed upon; that he was a mortal to whom, after his death, divine honours were paid; and that he was supposed to be endowed, like Apollo, with the power of foreseeing and predicting future events. It is probable that the gloomy grandeur of the place, and the discovery of some hidden cavern, where all sorts of impostures might be easily practised, first suggested the idea of making it the seat of an oracle; and there seems little doubt, that it was indebted to the same circumstances for its celebrity and its votaries.

According to Dr. Clarke, the present town of Livadia occupies that part of the consecrated ground formerly covered by the grove of Trophonius; but this is merely one of those conjectures in which that ingenious person

covered by the grove of Trophonius; but this is merely one of those conjectures in which that ingenious person is, on all occasions, too prone to induige. Pausanias says, that Lebadéa was as much ornamented by temples, statues, and other splendid works of art, as any city of Greece. A statue of Trophonius by Praxitelee was deservedly reckoned among its principal treasures. (For further particulars as to Lebadéa, see Pausanias, ilb. ix. cap. 29; Poyage D'Anacharsis, cap. 24; Potter's Greciam Antiquities, book ii. cap. 10., &c.)

LIVERPOOL, a parl. and mun. bor. and sea port of England, being, next to London, the greatest emporium of the British empire, in the co. Lancaster, hund. W. Derby, on the E. or right bank of the Mersey, 32 m. W. by S. Manchester, 67 m. W. S. W. Leeds, and 196 m. N. N. W. London; lat. of observatory, 55° 24′ 48″ N., long. 3° 0′ 1″ W. The pop. of the parl. and mun. bor., at the undermentioned periods, has been:

Townships.	1801.	1811.	1821.	1831.	1841.
Liverpeol - Kirkdale - Everton - W. Durby - Toxbeth Park	77,653 499 2,636 2,069	93,876 913 3,892 6,864	118,972 2,109 6,304 12,829	165,175 2,591 4,518 9,613 24,067	925,008 4,968 9,921 9,780 40,435
Total pari. bor.	82,857	103,851	140,214	205,964	286,487

At present (1850) the pop. of the parl. bor. may be estimated at about 370,000.

Liverpool stands partly on flat ground, along the edge of the river, and partly and principally on a gently rising declivity. Besides quintupling its population during the last half-century, it has been more improved, during that period, than any other town in England, not excepting Manchester. Before that time, narrow, inconvenient, and ill-paved streets, lined with dull, heavy-looking houses, were its characteristic features; but so great is the alteration effected chiefly through the exertions of the corporation and the public spirit of the citizens, that at present no town or city in the three kingdoms, except their capitals, has wider or handsomer streets, more sumptuous public buildings, or better constructed and more substantial private dwellings. The corporation is alleged to have expended on improvements between 1796 and 1840, no less than 1,700,0004! The present limits of the town comprise about works in Vauxhall Road) is about 21 m., its breadth from the river to the Church at Edgehill, 12 m., and its area somewhat exceeds 2,500 acres.
The central point, from which many of the principal avenues diverge, is the open space partly occupied by St. John's church, and the railway station: the diverging roads are, 1. Dale Street, a fine broad avenue running S. W. to the Townhall and Exchange Buildings, and continued, under the name of Water Street, to George's Dock; 2. Whitechapel and Paradise Street, leading to the Custom House; 3. Lime Renshaw Street, Berry Street, and Great George Street, running nearly S. towards Toxteth Park; 4. the London Road, taking an E. direction towards the Zoological Gardens; and, lastly, Byrom Street, and Scotland Road, leading to the House of Correction in Kirkdale. The principal streets, independent of those above mentioned, are Castle Street, opposite the Townhall, Lord Street, Church Street, Hanover Street, Bold Street, Rodney Street, Mount Pleasant, St. Anne's Street, and the Vauxhall Road; and among the principal squares may be mentioned Great George's, Queen's, Abercrombie, Falk-ney, Clayton, and Cleveland. Liverpool is supplied with good water from wells sunk in the red sandstone in various parts of the town, that formerly belonged to two companies; but the supply being rather deficient for the growing wants of the pop., the corporation bought up the rights and property of the companies, in 1848, for 554,807L; and they have since obtained an act of Parliament authorising them to bring an additional supply of water from Rivington Hills, the works for which purpose are now being carried on. Gas, of excellent quality, is supplied by a company, at 4s. 6d. per 1000 feet, not only to the streets, shops, factories, &c., but also to a large proportion of the most respectable private houses.

Corporation and Government Buildings .- The town-hall, which stands at the N. end of Castle Street, was commenced in 1749: its interior having been destroyed by fire in 1795, it has been since rebuilt at a cost of above 110,000%. It has a rustic basement, supporting a range of Corinthian columns and pilasters; in the 8. front is a handsome portico, and the building is sur-mounted by a light and elegant cupols, above which is a colossal figure of Britannia. interior comprises, bes des a handsome suite of apartments for the mayor, a ball-room, 90 ft. in length by 40 ft. in breadth and height; a council room, committee-rooms, town-clerk's, tressurer's, and surveyor's offices, &c.; the grand staircase, under the cupola, is a magnificent specimen of modern architecture: on the landing is a colossal statue of Canning. change-buildings, which form three sides of the square in which the town-hall stands, were completed in 1809, at a cost of 110,848L, raised by 100L shares. The principal front is 197 ft. in length; and the area, enclosed by the entire building, somewhat above 11,000 sq. yards: in the N. and S. fronts are two magnificent por-ticos, each supported by 8 Corinthian columns, and surmounted by a carved entablature with stone figures: a very handsome balustrade runs round the entire building. Piazzas extend round the basement, for the convenience of the merchants in hot and rainy weather. In the interior is a magnificent news-room, originally 94 but now 125 ft. in length, by 51 ft. 9 in. in width, having an arched roof supported by two rows of now 125 ft. in length, by 51 ft. 9 in. in width, having an arched roof supported by two rows of columns; above this is a splendid room for the merchants of Liverpool are honourably distin-

2-3ds of the parl. bor.: its length from N. to S. | underwriters, while, in other parts of the build-(measured from Brunswick Dock to the Gas- ing. are numerous counting-houses and offices. ing, are numerous counting-houses and offices, warehouses, &c. The Liverpool Exchange is, in fact, one of the best specimens of Grecian architecture in England; and, perhaps, the noblest structure erected in modern times for purely commercial purposes. In the centre of the square is a monument in honour of Nelson, executed in bronze, on a marble basement:-it represents the dying hero; his foot on a pros-trate enemy, receiving a naval crown from Victory. The principal group is surrounded by emblematical figures; but they are stiff, affected, and unnatural; and the monument neither redounds to the credit of the town nor of the artist. W. of the exchange stands the sessionhouse, a low, plain, stone building with two principal entrances; in the interior are two spacious rooms, used as nisi prius and crown courts, with other apartments for the use of the judges, magistrates, jurors, &c.; the whole was built, in 1828, at a cost of 19,312/. exclusive of subsequent alterations occasioned by the removal of the assizes of the W. Derby and Salford hund. from Lancaster. The custom-house, excise-office, post-office, and other public offices, are comprised in the immense pile of building erected at the S. end of Castle Street, on the site of the old dock, which was filled up for the purpose. It covers an area of 6,700 sq. yards, has an extreme length of 467 ft. measured from E. to W., with a total height of 67 ft., the length of its wings being 225 ft., and their breadth 94 ft., and is remarkable not merely for its size, but also for its massiveness. Porticos, supported by Ionic columns, are attached to the centre, and to the E. and W. fronts; and it has a large dome, lighted by 16 windows, and embellished with pilasters. The basement, through which with phasters. The basement, through which there is a public passage connecting Castle Street with Park Lane, is used for storing bonded goods. The central portion is occupied by the great staircases and the long room, 146 ft. in length, 70 ft. wide, and 45 ft. high, lighted from the dome; the W. or river wing contains the various offices of the custom-house; and the E. wing contains the average of the custom-house; and the E. wing contains the excise-office, dock-offices, postoffice, and stamp-office. This useful, though heavy-looking, building was erected in consequence of an arrangement between the corporation and the government, negociated by Messra. Canning and Huskisson. The corporation gave the land, valued at 90,000l., and erected the building, which, at the end of 20 years, is to be ceded to government, on the latter paying for it the sum of 150,000l., by annual instalments of 25,000l. The most magnificent building in Liverpool is, probably, that for the assize courts, inc. St. George's Hall, in Lime Street, opposite to the railway station. It is of the Corinthian order, the Eastern front being 420 ft. in length, and the columns 45 ft. in height. St. George's Hall, in the centra of the building. with a spacious court on each side, is a noble apartment, 175 ft. in length by 75 ft. in width, and 75 ft. in height. It is to the courts, between which it is placed, what Westminster Hall is to the courts adjoining to it. But when the courts the courts aquating to it. But when the courts are not sitting, it is appropriated to public meetings, concerts, &c. This building, which was designed by the late Mr. Elmes, cost in all about 192,000. The hall in Hope Street, built by the Philharmonic Society, is also of very large dimensions, and is well suited to its object.

guished by their attention to, and patronage of, ! guished by their attention to, and patronage or, acience and literature; and the town has several valuable institutions for their promotion. The principal among these are, 1st. The Royal Inctitution in Colquitt Street, formed in 1814, at the suggestion of the late Mr. Roscoe, by the subscription of 100% shares, and chartered in 1822: it comprises academical schools, public lectures on various subjects, laboratories and philosophical apparatus, a collection of books, and a mu-The building, with a portico and two wings, contains suites of rooms well adapted to the purposes of the institution. The lecture room is capable of accommodating 500 persons; and the natural history department of the museum, occupying two floors of the building, is perhaps the largest and most valuable in the kingdom, after the British Museum, and that of the Zoological Society of London. The institution has also a fine collection of casts from the Elgin, Æginetan, and Phigalian marbles, and from some of the most celebrated statues of antiquity. 2d. The collegiste institution in Shaw Street, a fine building in the Tudor style, opened in 1842, cost about 30,000L Its principal front is 280 ft. in length. It is 4 stories high; but, as the upper rooms are lighted from the roof, it has only 8 rows of windows. It has accommodation in separate schools and classes for 1,500 pupils; but is not at present (1850) attended by more than 500. The instruction in the different schools and the fees of admittance vary very materially; from their being intended to suit the wants and circumstances of the different orders of the community. It is conducted according to the principles of the Church of England, the Bishop of Chester being the visitor. 3d. The me-chanics' institute in Mount Street, near St. James's cemetery, intended not only to meet the wants of the working classes, but also to bring them in contact with those in higher spheres of life, was opened in 1857. Its buildings, which, with courts, &c. cover nearly an acre of land, given by the corporation, were acre of land, given by the corporation, were erected at a cost, inc. alterations, of above 15,000%. The front, in the Ionic style, has a heavy appearance: the grand theatre is capable of accommodating 1,200 persons: it has a museum, and a library, with 15,000 vols. It has attached to it different schools meeting at different hours, and intended, like those in the collegiate institution, to accommodate different classes of the pop. But these have not been very successful, partly from the absurd system of teaching originally introduced (which, however, is now greatly improved); partly from the competition of other and more popular seminaries; and partly from the discredit into which mechanics' institutes have generally fallen. The Medical Institution, in Mount Pleasant, built at a cost of about 2000% () of which, with the land, was contributed by the corporation, and the rest by the medical practitioners of the town), has a circular-shaped front, of the Ionic order, 108 ft. in length, and 35 ft. in height; and in the interior are various large apartments, used as libraries, museums, lecture-rooms, &c. Apo-thecaries' hall belonging to a joint-stock com-pany, may be mentioned here, not as a place of medical instruction, but as conferring important benefits on the profession and the public by importing and manufacturing medicines of the best quality: the building is handsome, and all the arrangements most complete. The school of medicine formerly attached to the Royal Insti-

the highest station. The building, opened in 1799, is large, but plain; 500 proprietors subscribe to form a yearly income of 1,320L; the library comprises 17,500 volumes; and the newsroom is spacious, and well provided with the publications of the day. The Lyceum, a much handsomer building, erected at an expense of above 11,000%, supported by about 800 pro-prietors, paying guinea subscriptions, has a li-brary of about 35,000 volumes, in an elegant circular room lighted from a cupola. The Union news-room in Duke Street is also a respectable building; and there is an important news-room, already noticed, in the Exchange.

The celebrity and example of Mr. Roscoe, the most distinguished of all the citizens of Liverpool, had a wonderful influence in creating and diffusing a taste for literature among all classes of his townsmen. The first editions of his valuable and standard works, the lives of Lorenzo de Medici and of Leo X., were published here. They were printed by Mc Creery, the author of the poem entitled the "Press," and are enduring monuments of his skill and excel-lence as a typographer. The life of Poggio Bracciolini, by the late Rev. William Shepherd, a distinguished Unitarian minister of the town, is also one of the products of the Liverpool press; as is the edition of Burns' works, with his life, in 4 vols., by the justly celebrated Dr.

Newspapers.—A newspaper, entitled the Courant, was published in Liverpool in 1712; but it did not succeed; and the earliest of the existing journals appeared on the 28th of May, 1756. There are at present 10 newspapers. Of these Gore's Advertiser and Myers's Mercantile Advertiser are, as their names import, wholly devoted to commercial matters. Of those which reflect and endeavour to guide the public taste, the following is the distribution: - Monday, the Aliowing is the distribution: — monany, the Abbion; Taesday, the Standard and Mercury; Wednesday, the Courier; Thursday, the Times; Friday, the Mercury; Saturday, the Mail, Journal, and Chronicle. There are thus 8 papers for the 6 days, and 1 of them has 2 issues. Their politics may be stated thus; — 3 are conservative, the Mail, Courier, and Standard; the remainder being more or less liberal.

Amusement and Recreation. - Liverpool has three theatres - the Theatre Royal, the Adelphi Theatre, and the Amphitheatre, a fourth hav-ing recently been converted into shops. The Theatre Royal, in Williamson Square, built in 1817, has a plain exterior, but the interior is comfortably fitted up and is well suited for hearing. The Amphitheatre, in Great Charlotte Street, is used mainly for equestrian exercises, but is frequently occupied with public meetings. The people of Liverpool, like those of the metropolis, have little taste for theatrical exhibitions. There is a race-course at Aintree, about 5 m. distant from the town; one at Hoylake, distant 9 m., and a third on the Rood-eye at Chester. From the facilities afforded by railway communication, Aintree and Chester are practically the race-courses of Liverpool; and it may be remarked, as a curious fact, that the cockpit on the verge of the former has recently been fitted up as the chapel of St. Peter, in connexion with the Established Church. The Zoological Gardens, on the eastern verge of the borough, occupy an area of about 10 acres, and the collection is regarded as extremely good. In the summer season, other attractions are added for visitors and subtution has been removed to the infirmary.

Closely connected with the above are the news-rooms, among which the Athensum holds well laid out, and the disposition of the buildings is well suited to the disposition of the anima's. The Botanic Garden, formerly on the borders of the parish, has been removed within the last 10 years to the extremity of the borough bounds, beyond Edge Hill. It was formerly the property of shareholders, but now belongs to the town, and is supported by a rate. It is conthe town, and is supported by a section stantly open, and is an agreeable outlet, espesiantly open, and is supported by a section of the s cially for those in its neighbourhood. Within the borough, and bounded by its southern limit, the beautiful enclosure, called Prince's Park, has been purchased and laid out by Richard Vaughan Yates, Esq., at a cost of about 40,000/. It occupies about 45 acres, and is open to the public. In the township of Everton, the inhabitants of Shaw Street, dreading that their view would be impeded or their residences deteriorated by the building of small houses, formed a miniature park along one side of the street, which is open for the recreation of those only who live there. The corporation have recently, also, purchased the Newsham House estate, of nearly 200 acres, on the West Derby road, which it is intended to convert into a public park, with suitable situations for building-ground. The Prince's Parade, between Prince's Dock and the river, St. James's Cemetery, and St. James's Mount, on one side of the cemetery, are public promenades, which are kept in good order. To these may be added the landing stage. The Corporation Baths, at George's Pier-head, are extremely well conducted. There are large swimming-baths, both for ladies and gentlemen, private baths, warm, shower, vapour, and medicated baths, all of which can be obtained at moderate parisa. The water is filtered from the river at high tide, and though not quite salt is nearly so. Since the commencement of the sanitary movement, the corporation erected a set of baths and washhouses for the poor in Frederick Street; the experiment succeeded so well, that a new set of baths and washhouses has been opened in Paul Street, the centre of a densely peopled district at the north end of the town. The payments are merely nominal, for the purpose of defraying the current expenses; and so many are desirous to take advantage of them that the prices are undergoing a still further reduction. A similar building, on a larger scale, is in progress at the south end of the town, in Cornwallis Street, and others are projected in different parts of the bor.

Markets, &c. — The markets of Liverpool are better supplied, perhaps, than those of any other town in the Empire. Ireland and Scotland, particularly the former, furnish grain, live stock, bacon and butter; and the Isle of Man, Anglessa, North Wales, and Cheshire, send excellent poultry and eggs, with butter and other farm produce; neither can any town in England, the metropolis not excepted, boast of market accommodation equal to Liverpool. The largest market building is St. John's, completed in 1822, at a cost of 96,813/., covering a space of nearly two acres, being 188 yards in length, by 46 in breadth. It is a light and lofty structure, having its roof supported by 116 castion pillars; the walls are lined with 58 shops, and upwards of 400 stalls and standings run in four ranges up and down the interior. It is brilliantly lighted with gas; and on the whole, the regulations are so good, that it may be said to be unrivalled both for size and convenience. St. James's Market, at the end of Great George Street, though only half the size of that last mentioned, is still a large and well-constructed building, regulated by the corporation; as is St. Martin's Market in Scotland Road. There are six other markets. The total expenditure by

the corporation for these buildings has amounted to about 83,000l. The Corn Exchange, in Brunswick Street, erected by a subscription of 10,000l. in 100l. shares, has a plain but handsome front. Owing to the increase of business it has become too small, and is about to be enlarged.

Churches, Chapels, and Cemeteries.—Liverpool, which, till 1699, was a chapelry attached to Walton-on-the-Hill, was constituted by act 10 & 11 Will. 3. c. 36. a distinct parish divided into 2 medieties; the parish churches are St. Nicholas' and St. Peter's, and the livings are rectories, each valued at 615L a year, exc. surplice fees, and in the gift of the corporation. Within the last twenty years, however, a great many other churches have been opened. Of thee, some have been built by the corporation, who, though they have sold the patronage, are bound to keep the churches in repair, and to pay certain salaries to the incumbents. Other churches have been built by associations, and others by private parties. On the whole it would appear, from the returns carefully prepared by the Reverend Dr. Hume, that at present (1850) 31 churches and 4 rooms are licensed for divine service, according to the principles of the Established Church, in the old parish of Liverpool; and that 12 churches and 2 rooms are licensed for the same purpose in the adjoining parishes of Walton and W. Derby.

The emoluments of the established clergy in Liverpool, as in most of our large towns, are mainly dependent upon the voluntary principle, or arise chiefly from pew rents. Some of the new churches are endowed with 150%, per annum, in consideration of the body of the church being appropriated to the use of the poor; and the pews of the gallery are, slso, let for the benefit of the clergyman. In a few other churches there are endowments from Queen Anne's Bounty, or other ecclesiastical funds, or from the interest of sums subscribed for the purpose; but in many, perhaps the majority, of cases, there is no endowment whatever. The clerical incomes are, therefore, extremely fluctuating. In the lower and central parts of the town, there has latterly been a steady decrease in the amount of pew rents, as the higher classes remove further out of town, and their successors sometimes cannot, of town, and their successors sometimes cannot, and sometimes will not, pay. The annual statements in the "Clergy List" are, therefore, extremely incorrect; indeed, the receipts of a church sometimes show a material variation in the course of twelve months. The range of payments is from 100% to 600% per annum, perhaps not more than two reaching either this maximum or minimum limit, if so many. The average may be stated at the mean between these, or 350L

Several of the churches and chapels have contiguous grave-yards; but the noxious practice of burying the dead within the town is nearly discontinued, in consequence of the formation of three large and well laid out cemeteries. St. James's cemetery, formed out of a stone quarry behind St. James's Walk, is planned with great elegance; another, at Low Hill, is called the Necropolis; the third, or St. Mary's cemetery, is at Kirkdale.

The dissenters in Liverpool are highly important and respectable, whether considered in segment of station numbers or character. The

The dissenters in Liverpool are highly important and respectable, whether considered in respect of station, numbers, or character. The first Presbyterian congregation was established in 1672, and a second about thirty years afterwards: the Baptists settled themselves here in 1714, and the Independents in 1777. The first Wesleyan Methodist chapel was opened in Mount Pleasant in 1791; and the New-connexion Me-

thodists (or Kilhamites) built a chapel in 1798. Many of these places of worship are large and commodious, and a few exhibit much exterior elegance. The dissenting places of worship existing in 1850 may be thus classified:—

New-connecte Society of Frie Other dissents Jawa

Schools. - The Manchester Statistical Society was engaged during nearly a year collecting statistics on the state of education in Liverpool; and from their report we learn that, in 1836, 32,700 children, of both sexes and all ages, were being instructed, being rather more than half the entire pop. between the ages of 5 and 15: of this number, 4,000 belonging to the upper classes were in private schools, 12,000 of the lowest order were in dames' schools, and the remainder in schools either endowed or supported by subscriptions. But since then several new schools have been opened; though, as a large proportion of the schools, especially those for the children of the upper classes, are private, it is difficult to obtain any satisfactory details with respect to them. Among the endowed schools, the principal are the corporation schools, formed in 1825, on the foundation of an old grammar school, that had been extinct since 1803: they are conducted on the national system, and infant schools are attached to each, so that, in all, above 1,000 children are taught in them. The N. and S. Church of England schools instruct 485 boys, 850 g rls, and 453 infants. The Blue-coat Hospital, instituted in 1709, provides clothing, food, diet, and instruction for 250 boys and 100 girls. The building, which is of brick, has a handsome appearance, and the instruction, on the Madras system, is said to be as perfect as that of any school in England conducted on the same plan. The school of industry, established in 1810, is intended for training girls for domestic service. The number is limited to 100, and a few of the more deserving scholars have board and lodging, as well as a good plain education. Christ-church National schools educate 250 boys, 260 girls, and 200 infants; and Everton National school has 66 boys and 60 girls. Among the other schools may be specified Waterworth's school, in Hunter Street; St. Patrick's charity-school; the Duncan Street schools, supported by the Society of Friends; the Renshaw Street school, maintained by the Unitarians; the Caledonian school in Oldham Street, and there is likewise a blind school, and a school for the deaf and dumb.
(See Table at the top of next column.)

These statements are highly creditable to the liberality of all classes of Liverpool. The principal schools, now referred to, are, speaking generally, well conducted; their buildings are suitable, and the means of instruction, inc. slates, books, &c. abundantly provided. Still, however, it would appear that additional means are required for the efficient instruction of the children of the poorer classes, especially of those not connected with the Church of England. And we may also add, that a good deal remains to be done before the education of the upper classes can be considered in a satisfactory condition. We doubt whether there be, at this moment, with the exception, perbaps, of that attached to the Royal Institution, a single really good clas-

sical school in Liverpool.

Charitable Institutions, &c. - Liverpool has many extensive and respectable edifices devoted to charitable purposes, among which may be thalmic infirmary and dispensary, with which is

An Account of the various Public Schools in Liverpool, furnished by Mr. Wood of the Blue-coat Hospital, in 1850, in connection with the Church of England, and of the Number of their Pupils.

	Dui	ly.	Add.	Sun.	4	1
1850.	Boys.	Girla	Boys	Girla	Infant	Total
Blue coat Bospital .	250	100	1	2		350
Female Orphan Asylum	× .	150	-	-		1.50
Old Church Schools -	80	80	1.5	-	60	290
St. Matthias's do	110	117	-		116	343
Hunter-street do	140	100	2.0	50	150	390
St. Jarnes' do.	145	106	2.1	14	171	240
Weigh Charity do	950	108	0.301	12	1100	436 470
Everyon and Kirkdale do.	210	124	16	20	110	480
Mill Lane do	141	100	99	20	120	403
St. Mark's do	66	60	60	160	216	604
St. Andrew's do	130	130	31	50	120	421
St. Paul's do	-320	¥.	52	36	196	86
Edge Hill do	184	140	36	42	192	593
St. Jude's do	185	145	30	37	117	512
St. Augustine's do.	203	170	15	1.5	176	576
St. John the Baptist'ado.	170	195	35	60	185	651
Church of England N.	maria	0.10	14		400	1.0
Ditto South do.	380	210	23		220	633
St. Bride's do.	226	140	25	59	255	478
Nt. Catherine's do.	80	92	20		187	702
St. Luke's do.	90	60	10	6	95	339
St. Mary's (Kirkdale) do.	140	122	20	30	200	319
Christ Church do	9.00	260			200	710
All Saints' do	-	70	90	40	-	200
Mariner's Church do	21	4.3	30	16		112
St. Bartholomew's do	180	140	20	20	1.50	510
St. Clement's (Windsor)	0.00	1	100	1.60	17.7	
do.	150	117	60	30	220	577
St. Silas's do	145	90	20	30	100	369
St. Simon's do	101	142	100	50	163	250
St. Harnabay's do.	140	125	23	20	276	584
Fields do	80	90		9	86	644
St. Thomas's (Toxteth)	90	200	6		60	251
do.	190	180	45	30	974	736
St. John's do	130	120	20	40	2.1	310
West Durby Workhouse			21			010
do	111	100	- 1		40	250
Liverpool Industrial do.	538	390	130	87	-	1,145
t. Thomas's (Park Lane)		1	1			-0.1
do.	53	50	22	21		146
Vauxball do	83	85	-		-	168
Augium for Orphan Boys	10	-	-	15/		10
Workhnuse School - St. Paul's (Toxieth) do.	100	80	700	100	200	180
St. Paul s (1 oxieth) do.	120	80	30	50	60	520
Total -	5,7851	- minus	0.00	1,00%	or many	16,987

The Corporation schools have not been included in this table.

mentioned, the Charitable Institution-house in Slater Street, intended, though on a much smaller scale than the Exeter Hall of London, to give similar accommodation (without charge) to all religious and charitable institutions established in Liverpool, for committees, public meetings, The infirmary in Brownlow Street (removed from Shaw's-brow in 1824), was erected at a cost of 27,800l.: it is a chaste and elegant structure, with an extent of masonry, and a number of front windows, that give it, when seen from the street, an appearance of grandeur exceeded by few other buildings in the town. There are 20 wards, comprising excellent accommodation for 234 patients, and the medical staff attached to the institution equals in ability and attention that of any hospital out of the metropolis. The fever hospital, with 110 beds, supported by the poor-rate, is a valuable in-stitution. The lunatic asylum, lately erected at a cost of 11,000%, to supply the place of an older establishment, has a handsome exterior, and comprises accommodation, with spacious airing-grounds for 60 patients, many of whom, as at York, belong to the higher classes. The Lock hospital, connected with the infirmary, was opened in 1834, with accommodation for 60 patients. The Northern and Southern Hospitals Three dispensaries are extensive buildings. (one of which, in Vauxhall Road, is a large and elegant building, comprising accommodation for in-patients and medical students), furnish gratuitous advice and medicine for the sick poor, who are likewise attended by the resident officers at their own habitations; and there is an oph-

connected an institution for diseases of the ear. in length. But a number of other docks are The ladies' charity affords relief to about 1,200 now in the course of being constructed; and lying in women every year, with supplies of linen, &c.; the other principal charities are the finished, the sea-wall will be above 4 m. in connected an institution for diseases of the ear. The ladies' charity affords relief to about 1,200 lying in women every year, with supplies of linen, &c.; the other principal charities are the Stranger's Friend Society, relieving about 1,000 persons yearly, with a similar institution called the Charitable Society, the Penitentiary and Refuge for the Destitute, both intended for the reformation of degraded females, the Marine Humane Society, and the District Provident Society. A large handsome building, near the Custom-house, now on the eve of being completed, is intended for a Sailors' Home. room, &c., with lodgings for a considerable number of sailors, and lists of those lodginghouses in the town where they will be best accommodated. The plan has been already tried in a temporary building, and seems to be successful in improving the habits, as well as in adding to the comforts, of the seamen frequenting the port. There is also a deaf and dumb institution, and two asylums for the blind, one of which is supported by the Roman Ca holics. There are likewise many religious societies, the chief of which are the Bible Society (by far the largest in point of income), the Society for Promoting Christian Knowledge, and the Mariner's Church Society.

Port and Docks. - The rapid rise of the port of Liverpool to its present consequence, though, no doubt, principally owing, like that of the town itself, to the astonishing increase of manufactures and population in the extensive district of which it is the grand emporium, is also, in part, owing to the facilities which have been given to nevigation and commerce by the congiven to navigation and commerce by the construction of wet and dry docks. The entrance to the sestuary of the Mersey is a good deal incumbered with sand-banks, and is crossed by a bar, which, however, has at low water spring tides, where deepest, 11 ft. water; and as the tides rise 21 ft. at neap and 31 ft. at spring tides, there is water for the largest ships. The channels being indicated by light vessels, and well marked with buoys, there is no difficulty in

making the port.

The land around being low, the ships in the river are exposed to risk from gales of wind; and to obviate this inconvenience, and to facili-tate their loading and unloading, the docks have been constructed which constitute the great glory of the town. The first wet dock in the British empire was opened here in 1718, the act for its formation, the 8 Ann. c. 12., having been passed in 1709. Another act was passed in 1738, the 11 Geo. II. c. 32., authorising the construction of a second dock. Since that period many more docks have been constructed on a very extensive scale, so that the aggregate area of those now in use amounts to above 174 acres, and the quay-space to about 14 m. in length. The area of the principal docks is as follows, viz. Brunswick, 12 ac. 2744 yds.; Prince's 11 ac. 3889 yds.; Queen's, 11 ac. 3101 yds.; King's 7 ac. 3896 yds.; Albert, 7 ac. 3542 yds.; Tra-falgar, 6 ac. 2643 yds., &c. &c. The King's Dock, being contiguous to the

King's Tobacco Warehouse, receives all vessels from Virginia and other parts laden with tobacco; the Queen's and Brunswick Docks are occupied by ships laden with timber from Hon-Occupied by snips isden with timber from Alouras, Canada, and the Baltic; the Canning Dock receives coasting vessels which exchange corn and provisions for colonial produce; and other docks are appropriated to other purposes. All these works are defended on the side next

length. Every precaution is taken to prevent the accumulation of mud in the docks by the use of steam-dredging machines; and strict rules, enforced by a vigilant police force, are established to maintain good order and prevent both fire and depredations.

The docks are all constructed on the estate of the corporation, and are managed by commissioners appointed by act of parliament. The bonding and other warehouses do not, however, in general belong to the dock estate, but are principally private property. Most of them are in the immediate vicinity of the docks, but some are at a considerable distance; and there is not, in consequence, the same accommodation, or the same security against fire and depredations, in the Liverpool as in the London docks, where, the warehouses being built along the dock-quays, goods are loaded and unloaded with the greatest facility, and are subsequently under the most efficient protection. But the many destructive fires that have taken place of late years in warehouses in Liverpool, and the consequent rise in the premium of insurance, which is now very heavy, will no doubt lead to considerable changes in the disposition of the warehouses. Indeed, the warehouses attached to the Albert dock, one of those most recently constructed, are built round the quays and encircled by an outer wall, and are conducted by the dock trust on the same plan as the London docks.

The difference in the situation of the ware-houses in the two ports leads to a difference in the mode of discharging and loading ships in each: in the port of London this is done by the servants of the different dock companies; whereas in the port of Liverpool it is effected by gangs of private labourers, called lumpers, who contract for a specific sum to load or unload a vessel. A great reduction was effected in the scale of the Liverpool dock dues in 1836, and again in 1848, and they are now extremely moderate.

But vast as is the accommodation afforded by these docks, it will be very greatly increased when the gigantic works now in progress at Birkenhead, on the opposite side of the Mersey, are completed. (See Vol. I. p. 376.) Birken-head is, in fact, a suburb of Liverpool, and should be regarded as forming part and parcel of the latter. The warehouses in this new dependency are to be all isolated; and the wet and dry docks are to be formed, not only on the largest scale, but after the most approved models. Hence, however they may affect the existing dock interests, they cannot fail to be of much advantage to the trade of this great emporium.

Commerce.—Though extraordinary, the rise of Liverpool has not, perhaps, been quite so rapid as has been represented. In the reign of rapid as has been represented. In the reign of Henry VIII. she is noticed by Leland as a place to which merchants resorted because of her moderate customs, and as being a great mart for Irish yarn. At a later period she is described by Camden as being "the most con-venient and frequented passage to Ireland," and more celebrated for her "beauty and populousness than for her antiquity." (Gough's Camden, iii. 376, ed. 1806.) She was once joined for nscal purposes with Chester, but she had more trade than the latter, and could not have been correctly described as "the little creek of Liverpool." It appears from the subjoined table, that in 1709 she had about 8,000 inhab. (a large the river by a strong sea-wall upwards of 21 m. pop. for that period), and nearly 6,000 tons

A Statement of the total Number of Vessels, of all Descriptions, with their total Toursage, that enter Liverpool Docks in the Years ending the 24th of June, 1849 and 1850, with the Amount of the Tonas other Duties payable by the same.

Your.	No. of Vessels.	Tousage.	Duties on Tennage.	Duties en Goods.	Lighthouse Duties.	Pleating Light Duties.	Other Duties.	Total,
1849 1850#	90,733 90,467					d s. d. 4,496 16 2 4,532 0 0 fortten, about 7		255,995 0 9 912,989 14 9

of shipping; and we have already seen that, in that year, she applied for and obtained an act for the construction of a wet dock. Since then her progress in commerce, and in the accumulation of wealth and population, has been quite unprecedented in the history of industry. It is not, however, difficult to discover the cause of the all but apparently miraculous progress of Liverpool. A good deal must be ascribed to the enterprise, sagacity, and persevering industry of the merchants; but she is no doubt mainly indebted for her rise and the vast magnitude of her commerce, to her fortunate position, and, above all, to the increase of manufactures in Manchester and the surrounding district. situation of Liverpool necessarily renders her a principal seat of the trade between Ireland and Great Britain; and as the population and trade Great Britain; and as are popularion of the former increased, it could not fail proportions the trade of this port. The tionally to increase the trade of this port. gradual filling up of the Dee, and the consequent decline of Chester as a harbour, has also proved of no little advantage to Liverpool, by rendering her the great mart for the salt of Nantwich, and other places in Cheshire, the exportation of which, to foreign parts, employs a great amount of shipping. Unquestionably, wever, Liverpool would never have attained to half her present size or importance, but for the cotton manufacture. But being the port through which Manchester, Oldham, Bury, Bolton, Ashton, and other great seats of that manufacture, could most conveniently obtain supplies of the raw material, and export their manufactured products, she has increased with every increase in this great department of industry; and it is no exaggeration to affirm that the creative influence of the wonderful inventions and discoveries of Hargreaves, Arkwright, Crompton, Cartwright, and the other founders and im-provers of the cotton manufacture, has been, though not so direct, quite as powerful in the docks and warehouses of Liverpool, as in the mills of Manchester.

The congenerous businesses of the slave trade and privateering appear to be the only departments of an exotic character, and not bottomed on any natural facility, that have ever been carried on to any great extent from Liverpool. The slave trade began in 1709; and was prosecuted vigorously and successfully from about 1730 down to the abolition of the trade in 1806, when it employed 111 ships, of the burden of 25,949 tons. It was apprehended by many that the abolition of this nefarious, though lucrative, traffic, would be a severe blow to the prosperity of the port. But so rapid was the increase of the legitimate and more natural branches of her trade, that it was but little felt at the time, and was very soon forgotten.

It is probable that the acquaintance with the slave trade may have given a stimulus to privateering: but, at all events, it was carried on to a great extent from Liverpool, both in the American and last French wars, especially in the former. In 1779, no fewer than 120 privateers belonged to the port, carrying each from 10 to

say quite impossible, to form any correct esti-mate of the total amount of the trade of Liverpool. But in 1849, the real or declared value of the produce and manufactures of the U. Kingdom exported from Liverpool to foreign parts amounted to 32,341.9184., while her imports, inc. c asting trade, did not probably fall short of 29,000,000%. The following statement is not, perhaps, very wide of the mark.

Real Experts.	Real Imports.					
Weellers - 5,000,000 Liness - 1,500,000 Iron and hardware 3,000,000 Earthenware - 400,000 Bills - 350,000	Irish trade - Raw cotton Other articles	- 5,000,000 - 13,000,000 - 11,000,000				
Brass and copper manufactures 600,000 Salt, coal, and all other articles 5,450,000						
Total 32,300,000°	i	- 19,000,000				

Four-fifths of the trade between the United Kingdom and the United States centres in Liverpool, and she has a large share of the trade with S. America and the W. Indies. She, also, carries on a considerable trade with the E. Indies and China, though in this depart-ment she is surpassed by London. Indeed, the ships and products of Liverpool are to be found in every port, in every part of the world, accessible to merchantmen. [See Table, next

The shipping belonging to Liverpool, on the 1st of Jan., 1850, was as under: —

	Under t	0 Tens.	Abore	0 T-	Total.		
	Vessele.	Tons.	Vessels	Tons.	Vessels.	Toms.	
Selling resul Steam do.	163 17	5,694 675	1,868 65	448,444 8,869	1,551	454,134 9,544	
	180	6.300	1.453	457.313	1 633	463 689	

The crows required to man these ships would amoun

The crews required to man these ships would amount to from 20,000 to 22,000 men and boys.

The gross customs revenue of Liverpool, in 1849, amounted to 3,774,2021, while that of London, in the same year, amounted to 11,070,1761. But it would be a great error to suppose that the trade of the metropolis exceeded that of Liverpool in this proportion. Cotton would not duties are paid, form the principal part of the foreign imports into Liverpool; whereas London imports comparatively few of these articles, her trade being principally in articles of direct consumption, as sugar, tea, coffee, wines, timber, &c., on which high duties are paid. This circumstance accounts for the comparatively large amount of the customs revenue received in the latter; and, allowing for it, it will be found that the foreign trade of Liverpool materially exceeds that of London. In proof of this we subjoin the following extract:—

From a Latinamentary	MOLU	u u	ht mree	1 100 1	
London British ships oleared inwards in outwards Foreign ships cleared inwards		:	No. 5,125 3,326	:	Tons. 1,109,367 825,744
Loneido spide creases manae	•	•	2,439	•	896,104
, m outwards	•	•	2,962	-	300,002
Total	1	-	•	•	2,008,857
Liverpeal - British ships cleared inwards			2.810	-	914,302
			2.919		994,007
Foreign ships cleared inwards	•	-	1,285		491,189
, , outwards	•	•	1,278	•	488,376
Total	ı	•	•	•	2,519,014

²⁰ guins!

It is extremely difficult, or rather we should correct.

Account of the Principal Articles of East and West Indian and other Produce imported into Liverpool during each of the 5 Years ending the Slat December, 1849; with the Stocks on Hand on the 31st December, each Year. -(From the Tables published by the Brokers' Association.)

Austria	Occupation	17		Imports.					Stocks.		
Articles.	Quantities.	1845.	1846.	1847.	1848.	1849.	1845.	1516.	1847.	1848.	1849.
Ashes, American	harrels .	21,600	12,040	7,100	8,650	16,750	Pot 4,200	3,730	1,800	600	2,200
Frank grant and the second	Section 1				1.30		Pri. 4,600 1,120	3,050	600	1,450	1,900
Brimstone	tons	8,950	12,145	8,300	10,200	11,200	400	2,550 1,400	1,000	2,100	2,400
Cassia Lignen	C2965 *	5,695	470	1,050	none		1,445	9,200	none.	none	100
Cocoa	beis and bags	4,120	5,950	9,770	13,365	12,500			6,400	7,300	3,500
Coffee, B. P. West India	casks	3,130	5,700	3,770	2,770	2,350	1,650	1,300	1,730	150	556
Ditto Ditto -	bels, and bags	3 12,925	8,410	1,455	1,055	1,820	8,600	5,330			
Ceylon	beign	4 000		9,500	5,060	7,150	2,000	740	1,000	1,000	5,100
East India	casks and bags	4,860	2,135	1,000	1,660	40,200	45,000	59,900	40,000	37,900	32,000
Foreign	ditto	92,705	92,505	62,565	27,770	14,350	1,500			2,000	
Dyewoods, Logwood -	tons	12,180	17,575	9,200	13,650		220	3,120	2,300	300	1,600
Fustic -	ditto	3,700	6,650	4,000	5,600	6,300	1,100		700	250	800
Nicaragua Wood .	ditto -	2,150	2,510	2,300	2,420	2,400	1,500	560 540	650	100	300
Ginger, West India -	brie and bags	835	580	440	70	5,950			2,100		- 60
East India	bags & pockets	1,960	1,755	3,800	9,790	1,380	tons 50	bgs. 1085 tops 30	30	none 500	5,400
Africa	bage, &cc	1 3 miles	3,150	1,600	2,450		210	tons 30	430	300	none
Gum, Arabic	cases	1,720	950	1,350	1,100	2,550		44 670	125,800		360
Hidea, Oz and Cow -	number -	517,000			533,800		106,500				61,300
East India	ditto	502,000		445,400	191,500	200,000	85,000		230,000	30,000	34,100
Hone, South American	ditto	19,250		47,365		129,600	850	1,000		12,900	64,950
Indigo, East India .	chests	2,150	1,545	1,200	815	570 110	1,000	750 50	900	500	120
Spanish	serons - "	1,200	750	1,500	5		50		400	15	65
Lac Dye	chests	1,210	475	390	930	790	970	450	980	250	125
Shell	ditto	4,030	920	1,400	3,860	610	2,500	1,000	1,050	1,500	6.50
Madder	casks -	2,085	2,745	2,665	2,770	2,700	220	150	100	100	80
Madder Roots	bules, &c	18,000	15,210	12,600	16,550	15,600	3,600	9,200	1,500	2,500	1,700
Molasses, West India -	casks	10,245	10,560	11,480	7,650	13,300	2,500	1 2,000	3,450	2,850	5,000
East India and Foreign	ditto -	The second second		10,260	3,630			1,000	3,550		5,000
Otive Oil	tuns	4,000	5,030	4,200	4,300	7,300	5,000	1,350		700	1,600
Palm Oil	tons	21,040		19,350	18,400	17,900	5,500	5,300	3,900	1,400	1,250
Pepper, East India -	bags & pockets	26,650		19,500	17,800	7,530	17,500	7,520	8,000	4,800	1,800
Pimento	bris. and bags	6,430	1,315	720	2,100	1,400	500	100	400	150	50
Rice, East India	bugs		201,425			297,900	25,000	7,000	120,000		109,000
American	cusks	160	5,620	26,300	9,160	11,000	*	2,000	1,500	500	1,350
Rum, West India .	puncheons -	7,985	4,510	9,905	9,850	6,595	3,185	700	3,700	6,700	5,000
East India	ditto	2,040	1,540	945	1,050	370	1,250	1,000	800	500	100
Foreign	ditto	365	750	1,950	540	235	595	1,050	500	100	none
Saltpetre, East India -	bags	48,180	69,740	34,600	66,100		9,000	18,300	3,500	4,100	7,500
Nitrate of Sods	ditto	55,200	69,170	96,000	77,600		21,000	38,240	56,500	68,000	44,500
Sugar, British Plantation	hhds, and tees.	99,450	21,970	36,340	24,360		6,500	5,700	14,000	10,400	8,400
Bengal, &c	bags	260,500	309,640			301,400	113,000		145,000		142,000
Mauritius	ditto	81,180	96,260	89,000			25,000	10,000			24,000
Manilla, Java, &c	bags, &cc	26,475	10,555	20,035		7,240	7,900	5,050	1,400	1,300	9,500
Havana	boxes	1.5	15,135	59,180	8,790	1,110	250	7,000		8,500	5,450
Brazil	chests	4,640	4,435	8,710	8,050	6,470	1,900	2,600	5,800	4,500	3,000
Ditto	bris., &c	10,750	19,540	84,800	77,960	95,650	3,000	5,500	22,500	55,000	42,000
Other Foreign	cauks, bris., &c.	7,450	11,740	17,055	12,680	17,580	1,500	fhds 400 brls 500	3,000	1,000	2,100
Samac	bars -	63,000	47,275	67,600	64,800	82,950	6,900	3,000	8,500	4,700	7,500
Tar-	harrels -	39,300	41,440	56,000	31,000		3,000	500			10,000
Tallow, European -	casks	28,760	19,870	17,100			9,975	6,380	600	3,550	11,850
American -	casks, &c.	15,100	9,610	9,300	16,750		1,000	1,000	350	2,800	1,300
Tincal	casks, boxes,&c.	800	570	515	1,100	700	100	65	400	500	85
Tobacco	hhds	15,370	15,020	10,365	10,200		17,500	19,963	18,450	16,100	16,350
	barrela -	139,490		44,900			39,000	13,186		17,000	10,000

The vast preponderance of Liverpool in the cotton trade is obvious from the following

Account of the Packages of the different Varieties of Cotton imported into Great Britain from 1839 to 1849, both inclusive, and showing also the Numbers imported into Liverpool.

	1839.	1840.	1841.	1842.	1843-	1844.	1845.	1846.	1847.	1848.	1849.
America Brazii	814,500 99,300 33,500 152,900 36,000	38,000 216,500	94,300 40,700 273,600	19,600 255,500	98,700 48,800 182,100	111,900 66,700 257,600	110,200 82,000 155,100	991,000 84,900 60,600 94,700	110,200 20,700 224,800	100,201 29,010 227,512	182,167
Total into G. Britain	1,116,200	1,599,400	1,844,000	1,592,900	1,744,100	1,681,600	1,855,700	1,243,500	1,232,700	1,739,997	1,905,427

And we may farther mention, in corroboration of what has now been stated, that while the declared value of the exports of the produce of the U. Kingdom from London in 1849 amounted to 11,748,8334., that of the exports from Liverpool amounted, as already seen, to the immense sum of 32,341,9184. The cross-channel trade of Liverpool with Ireland, and her coasting trade generally, is, also, of vast extent.

Next to the consequence of Liverpool as a trading port, is its high importance as a packet station, second probably to none in the world, except London. The packet-ships, or insert, to New York and other parts of the United States, which, for size, excellent accommodation, and speed, are justly the objects of general admiration, leave the port weekly; and at present 13 steam ships of unexampled magnitude are engaged in the trade to New York, Boston, Halifax, &c. Fackets are also regularly sent to the B. Indies, Rio de Janeiro, Laguayra, Buenos Ayres, Lima, Lisbon, Oporto, and the Mediterranean; and a steamer trades regularly between Liverpool and Havre. There is, also, a daily communication with Dublin; and at intervals not greater than once a week, and generally less, with Waterford, Belfaxt, Glasgow, the Isle of Man, Dropheda, Wexford, Cork, Bristol, Dumfries, Carlisle, Whitehaven, Wigtown, &c. A host of river steamers, also, are constantly plying &c. A host of river steamers, also, are constantly plying

for passengers at the various ferries of the Mersey, or running up and down the stream. In short, nothing can be more striking, or better convince the stranger of the gigantic scale on which the entire business of Liverpool is conducted, than the view from the Cheshire shore of is conducted, than the view from the Cheshire shore of the forest of masts, extending upwards of 2 m. along the opposite banks; the activity ever visible in all the docks; the warehouses along the quays, instinct with life and labour; the ships constantly entering and leaving the Mersey, and the almost innumerable steamers of every size and quality, packets, ferry-boats, and tugs, rapidly coursing up and down theriver to their several destinations.

A commercial town like Liverpool must necessarily A commercial town like Liverpool must necessarily have many joint-stock banking companies and private banks. Among the former are the Branch Bank of the Bank of Bngland, the Royal Bank of Liverpool, the Bank of Liverpool the Borough Bank, the Liverpool Union Bank, the Liverpool Commercial Bank, the Manchester and Liverpool District Banking Company, the N. and S. Wales Bank; there are, also, four private banks, and a savings' bank, which, on the 20th Nov., 1848, had 442.334. Of demosits.

savings' bank, which, on the 30th Nov., 1848, had 443.344. of deposits.

Manufactures.— Liverpool is not, properly speaking, a manufacturing town; but the vast magnitude of its foreign commerce necessarily demands the practice of a

The following Table shows the distribution of the foreign and domestic trade of Liverpool: --

Account of the Number and Tonnage of the Vessels that entered and cleared from the Port of Liverpool, in 1848, apecifying the Countries whence they came, and for which they cleared, with the Departments in which they were engaged.

		Inw	arde.		Outwards.				
Countries.	British.		Poreign.		British.		Foreign.		
	Ships.	Tons.	Ships.	Tons.	Shipe.	Tons.	Ships.	Tons.	
Evaner generally	774	114,530	532	96,513	1,996	196,237	561	101,725	
AFRICA	154	46,067 100,55%	1	2H1 394	141 223	45,;35 108,434	16	1,112 6,974	
AMBRICA, viz	1			1 1		l l		1	
British Northern Colonies - British West Indies -	411	214,445 30,509	•	1: :	390 138	177,209 37,048		ı	
Foreign West Indies	43	10,878	10	1,876	133	13,913	88	7,754	
United States	849	247,583	64%	453,193	395	276,719	600	431.581	
South American States -	296	76,574	6	1,208	404	190,639	19	3,149	
Total	2,342	840,638	1,194	553,566	3,042	977,957	1,241	554,298	
Islan of Guernsey and Jersey .	20	1,578		526	85	2,812			
Irish trad	3,214	682,939	• •		8,749	630,148		I	
Other coasters (including the Isle of Man trade)	5,447	627,747		-	8,559	614,204		1	
Total	11,043	2,152,702	1,199	554,091	12,385	2,225,121	1,941	554,196	

But the extraordinary progress of the town, in population and commerce, will be best exhibited by the subjoined

Statement of the Christenings, Burials, Deaths, Marriages, and Population, of the Parish of Liverpool, from 1700, with an Account of the Vessels and their Tonnage entering the Docks, and of the Amount of the Dock and other Duties on such Ships in different Years since 1700.

Years.	Christen-	Burials.	Marriages.	Houses.	Population.	Vossele.	Tonnage.	Dock	Dutie	M.
1700	132	1124	35	1,142	5,714			4		d.
1709	213	209	41		1 1	84	5,789	l		
1710 1716	256 334	211	40 73	1,634	8,168	113	5,386	l		
1790	410	203	73 54 56	2,367	11,838	131	8,700	810		6
1723 1728	367 359	429	. 79	: :	1::1			847	11	ານິ
1730 1735	897 451	579	129 122	2,430	12,071	412	18,070	ľ		
1737	495	479	131	•	1	171	12,016			
1742 1744	561 658	513	183 192	8,600	18,000	181	13,775			
1751	943	617	258		1	220	19,176			_
1756 1760	910 946	87% 599	296 408	3,700 5,156	18,500 25,787	1.245	1: :	2,187 2,330	16	9
1763	1,057	849	559			1,752	• •	3,141	ī	5
1770 1773	1,317	1,062	433 600	6,800 04 6, 3	35,600 34,004	2,073 2,214	1: :	4,142	17	11
1777	1,578	1,186	481	• •	34,107	2,361	• •	4,610		9
1794 1790	2,068	1,635	816 805	7,110 8,365	55,732	3,098 4.223	1::	10,037	11	į,
1791	2,491	2,166	854		,	4,045		11.615	6	2 87
1798 1801	2,677	3,758	1,101	11.784	77.708	4,478 5,060	459,719	12,057	18	37
1805	8,498	2,841	1,239			4,618	463,482	33,364	13	1-
1811 1812	4,183 5,989	3,078	1,196	16,162	94,576	5,616 4,599	611,190 416,788	51,759 44,408	18	1.
1813	3,535	2,534	1,220			5.341	547,416	50,177	13	8
1812	4,068	3,298	1,745	: :	1::1	6,440 6,779	709,819 751,690	76,915 98,538	8	8
1818 1819	4,315 4,548	3,725	1,664		1 : : 1	7,849	867.318	110.12	Ĩ	
1820	4,718	3,157	1,633	20,339	118,972	7,276 7,810	8057133 839,518	94,419	11	10
1821	4,629	5,379	1,402	20,339	118,9/2	8,136	892,902	102,403	17	4
1893	5.099	3,538	1,726	• •	1 • • 1	8,916 10,001	1,010,519	115,783	i	6
1824 1825	8,303 6,527	4,152	1,906	: :	1 : : 1	10,437	1,180,914	128,691	19	6 8
1826	6,910	5,268	2,062			9.601	1,228,318	131,000	19	0
1897 1828	6,587 6,857	3,754	2,024	: :	1::1	9,59 t 10,703	1,925,313	134,472	14	8
1899	6.812	3,747	2,120			11,383	1,387,957	147,327	4	11
1830 1831	7,258 7,867	5,042	2,290	27.361	165,221	11,214	1,411,964 1,592,13 6	151,319	17	10
1832	7.767	5,866	2.474		,	12,924	1,540,017	170.017	6	11
1833 1834	7,756 8,154	5,581	2,535 2,675	: :	: :	12,964 13,444	1,590,461	182,980	16 17	8
1835	8.556	4,740	2,506			13,941	1,764,426	19H,637	18	ğ
1836	8,759	6,266	2,9:3 2,781	: :	1::1	14,95 9 15,03 8	1,947,613	173,853	10 10	9 9 1
1837 1838	9,388 8,851	6,875	l 2.893 l	: :	1::1	14,810	2.046.406	146,290	15	ıi
1839	9,502	7.450	8,188		1 1	15,445 15,998	2,158,691 2,415,708	156,555	. i	6
1840 1841	1 : : !	7,356	: :	. : :	223,003	16,108	2,415,705	178,190 175,506	14	
1842		-	3,048			16,458	2,425,319	177,231	15	5
1843 1844	1::1	: :	8,311 3,473	: :	: :	16,606 18,111	2,415,278 2,652,712	188,286	3	1
1845		7,371	4,243		1 1	20,521	8,016,331	250,541	Ō	5
1846 1847	} - ·	9,718 17,471	3,912	: :	1::1	19,951 2 0,8 89	3,096,144 3,351,5 39	241,069	16	6
1843	1 : : !	9,442	: : !	: :	: :	20,311	3,284,963	826,815	1	5
1849 1850	1		1 : : !	: :	1	20,733 20,457	3,539,146 3,536,337	255,926	14	9

great number of domestic trades, some connected with shipping, and others dependent on the peculiar nature of the traffic of the port. There are several large sugar refineries, iron and brass founderies, public breweries, roperies, glass-staining works, and alkali works. The manufacture of soap is more extensively carried on here than in any town of the kingdom, the quantity produced in 1849 being 35,968,390 lbs. of hard,

The making of watches and watch-movements employs a great number of hands, and large quantities of these articles are exported, with files and tools, produced on a

articles are exported, with files and tools, produced on a large scale in and near the town. Steam-engines of the best and most powerful kind are made in four establish-ments, from which have proceeded many of the engines employed on board the largest steam-ships; and this business is every year increasing in importance. Canals and Railroads.—The commerce of Liverpool has been greatly promoted by the facilities which it enjoys for inland transport, greater perhaps than those belonging to any other town of Great Britain, except Manchester. The Irwell and Mersey navigation (for which an act was obtained in 1720), was the first effort to improve on the resources of nature, almost contemporary with which resources of nature, almost contemporary with which was the Weaver navigation. By means of the former, raw cotton and cotton goods were conveyed by water to and from Manchester, while, by the latter, the salt of Cheshire was furnished with equal facilities for its transit to be respected. The Sankar, broad parigration computed Cheshire was furnished with equal facilities for its transit to Liverpool. The Sankey-brook navigation, completed in 1768, the Duke of Bridgewater's canais, the Trent and Mersey or Grand Trunk canais, and the Leeds and Liverpool canal, were finished in rapid succession, so that in 1816, the port of Liverpool had a complete water communication, directly or indirectly, not only with the great manufacturing towns of Lancashire, Cheshire, and Yorkshire, from which it derives its chief articles of export, but likewise with the S. cos., and, in fact, nearly every part of England. The following table, drawn up from 'Priestley's History of Canais,' exhibits some particulars respecting the size, levels, &c. of the above-mentioned undertakings.

Canala.	Length.	Surface breadth.	Depth.	Rise and Fail.	Estimated Cost.
Mersey and Irwell navigation Weaver ditto Sankey brook ditto	Miles. 50 24 12	Feet.	Feet.	Feet. R. 70 F. 50 F. 78	:
Duke of Bridge- water's canal	381		0	F. 821	220,000 2
Trent and Mersey -	95		.00	F. 134	355,000
Leeds and Liverpool	134	49	5	R. 413 F. 4352	1,200,000
Total length of canal	3514				

Very large fortunes have been realised by the above undertakings; and, notwithstanding the successful competition of railways, they still bring in large incomes to their proprietors. The facility of transit, however, both for passengers and goods, has been vastly increased since the opening of the railways, by which Liverpool is brought within an hour's distance of Manchester, and both are brought within a hours of the railways, they have been considered to the control of the contr within an hour's distance of Manchester, and both are brought within 3 hours of Birmingham, and 6 hours of the metropolis! The act for the Liverpool and Manchester rallway was obtained in 1826; the works were completed in 1830, at a cost of 876,000£, or more than double the estimate laid before parliament, and the line was finally opened on the 18th September of that year, a day that will be long remembered, from its connection with the melancholy death of Mr. Huskisson, one of our most enlightened with the London and Birmingham, Grand Junction, North Union, &c., under the name of the London and North-Western Rallway, which affords, partly by itself, and partly by the all but innumerable lines connected with it, an easy and safe means of transit to all parts of the U. Kingdom. The station of the Liverpool and Mauchester and N. W. Rallway, in the centre of the town, opposite St. George's Hall, is at once a magnificent and a commodious structure. The front, in the Corintbian order, cost 7,000£. The Lancashire and Yorkshire, East Lancashire, Chester and Birkenbead rallways have also termin in Liverpool.

Corporate Establishment, &c.— Liverpool received its first charter of incorporation from King John in 1207, with others from subsequent monarchs. William 111, granted it a new charter in 1635, which was confirmed, with a three to the course of the course

with others from subsequent monarchs. William III. granted it a new charter in 1635, which was confirmed, with a few alternations, by George II. and III.; and by the provisions of this charter the town was governed down to the passing of the Mun. Reform Act in 1835. The bor, is now divided into 16 wards, the corporate officers comprising a mayor, with 15 other aldermen, and 48 councillors. The corporation revenues derived from ordinary sources, amounted in 1849 to 169,3674, 10s. 2d. The corporation has the right, under an act passed in 1835. ordinary sources, amousted in 1842 to 169,367. 102, 2d. The corporation has the right, under an act passed in 1835, to nominate persons to all subordinate corporate offices, and is empowered to make "laws for regulating the police of the town, the docks and the port generally, for lighting and watching the town, and for the suppression of disorderly and immoral practices." Quarter and petly sessions are held by the recorder, who is appointed

by the crown, and a few years ago the assises for W. Derby and Salford were removed hither from Lancaster. The police, organised in 1836, and conducted by a commissioner, is formed, like that of the metropolis, into divisions, with superintendants, inspectors, sergeants, &c., and is said to be extremely efficient in suppressing crime, and maintaining order both in the town and port. The force consisted in 1849 of 936 men, including inspectors, &c., and cost 56,686f. 18s. Liverpool has three prisons.

There is great scope for the committal of offences in

three prisons.

There is great scope for the committal of offences in Liverpool; and, owing to the number of sailors frequenting the town, and the number of destitute immigrants, lirish and others, that are thrown upon its streets, we need not be surprised at the great number of pertous offences. Happily, however, the number of serious crimes is not very considerable; less, indeed, than might have been fairly anticipated in so motley and excitable a population. Drunkenness is here, as in most similar places, the grand source of disorder. In 1849, no fewer than 18,664 individuals were brought before the magistrates charged with offences of various sorts. Of these, 5,604 were admonished and dismissed; 10,965 were sumarily convicted; and 1,100 were committed for trial. Of the latter, 208 were sentenced to be transported, and 1 to be executed.

marily convicted; and 1,100 were committee to trans. Of the latter, 208 were sentenced to be transported, and 1 to be executed.

The bor. jail, erected on the plan of Howard, and formerly used as a depôt for French prisoners, having become too small to admit of the proper classification of the prisoners, a new, enlarged, and improved prison is now being erected to the N. of the town. The Bridewell is well is well managed. The county House of Correction is situated at Kirkdale. A County Court is established in the town, before which 12,355 plaints were entered in 1848.

The provision for the poor, in so populous a town as Liverpool, is, of course, on a large scale. The total sum raised by a rate and expended on account of the poor in the par. of Liverpool in 1849-50, amounted to 100,644., assessed upon property valued at 1,082,261. a year. The poor-house, which, from its extent, might well be called a little town, is one of the largest in the kingdom. It admits of the perfect classification of the inmates, according to the principles of the Poor Law Amendment Act, and of considerable indulgence being granted to the sick and aged.

Act, and of considerable indulgence being granted to the sick and aged.

Latterly the pauper children have been removed from this building to the industrial school prepared for their reception as Kirkdale. This, which is a large quadrangular edifice, was finished in 1846 at a cost of 38,1334, 136. 8d. In 1880 no fewer than 1,129 auper children, vis. 640 boys and 483 girls, were boarded and educated in this school; the annual cost of their support and education being 13,404. The establishment is well conducted, the education useful and good, and much better, indeed, than industrious artisans can give their children. children.

children.

The bor, has enjoyed the privilege of sending 2 mems. to the H. of C., since the 20th of Edward I. Down to the passing of the Reform Act, the elective franchise was vested in the freemen and free burgesses. The Boundary Act enlarged the bor. so as to include the outtownships of Kirkdale, Everton, W. Derby, and Toxteth Park. Reg. electors, in 1849-50, 17,316.

Condition of the People &c. - Owing to the rapid rise of Liverpool, its population consists, in a great degree, of adventurers, not merely from all parts of the United Kingdom, but of the world, attracted to it in the expectation, which, in many instances, has not been disappointed, of making a fortune. In such a society there is necessarily less prejudice, and fewer conventional and established observances, than in other and differently constituted towns. There is here, in fact, the greatest toleration for all sorts of individuals, and all sorts of opinions. Exclusiveness in Liverpool is, speaking generally, entirely out of the question; and you meet everywhere with people of all grades, all occupations, and all countries. It would be idle in such a place to look for that polish, and careful avoid-ance of debateable or irritating topics, that distinguish more aristocratical societies; but, on the other hand, it is free from the sameness and insipidity which characterise the latter. The ostentatious display of wealth made by a lucky hit or successful speculation is sometimes, no doubt, offensive enough; but, on the whole, society in Liverpool is, from its variety and ease. superior to that in most other purely mercautile

The cost of the above seems to have somewhat exceeded 300,000L

towns. The higher class of merchants, having connections and correspondents in most parts of the world, are generally very well informed; and some of them are honourably distinguished by their taste in literature, science, and the fine arts. All classes are eminently enterprising (some-times, perhaps, to excess), vigilant, and indus-trious; and possess, in a high degree, the qualities that go to form successful merchants and traders.

The situation of the lower or labouring classes In Liverpool, is, in many respects, less satisfactory than could be wished. Owing to the intimate intercourse it has with Ireland, and the small expense at which an individual may be brought over from Dublin, vast crowds of Irish labourers land at Liverpool, where they constitute a large proportion of the labouring population.

Many of these persons are often, especially on
their landing from Ireland, and before they find employment, reduced to a state bordering on destitution; and even after they obtain employment, they are frequently in a very depressed condition. In the departments of skilled labour, such as those of carpenters, smiths, bricklayers, &c. which are not interfered with by the Irish, wages are high; and employment being pretty constant, such workmen as are sober and industrious are in comfortable circumstances.

In consequence partly of the unfavourable condition of so many of the lower classes, but partly, also, of the vast amount of property that is here always, as it were, in a state of transition, passing from the warehouses to the shops, and from the warehouses to the conveyances by which it is to be carried to its ultimate destination, there is at once a great incentive to indulge in dishonest practices, and great opportunities for depreda-

tion. In Liverpool, as in Manchester and Glasgow, a very large proportion of the labouring classes are miserably lodged; but since a sanitary act was passed relative to Liverpool, great improvements have been made in the circumstances conducive to the health of the town. This will be evident from the following statement by Dr. Duncan, the intelligent medical officer of the town: — "The corporation of Liverpool in 1846 obtained a local sanitary act (9 & 10 Vict. c. 127.), which came into operation Jan. 1. 1847. Since this period much has been done in the way of paving, sewerage, systematic cleansing, &c., to improve the condition of the lower and most densely peopled districts of the town; and the result has been a most gratifying change for the better in the back streets and courts in-babited by the working classes. The courts babited by the working classes. The courts built since the act came into operation are all flagged, and are much more open and airy than those previously erected. The cellar habitations of Liverpool, long notorious as nurseries of disease, have been much improved. Upwards of 5,000 of the worst description have been closed under the powers of the act, and more than 2,000 others, which are unfit for human dwellings, are being gradually cleared of their in-mates. The inferior lodging-houses have also been brought under regulation, with the view of preventing over-crowding and enforcing cleanliness and ventilation. Down to the present time (November, 1850) nearly 700 houses have been registered under the act, and brought under sanitary inspection. These operations have produced a marked improvement in the health of the worst conditioned districts. The mortality of Vauxhall Ward, for example, which ten years ago was 1 in 23½, has during the present year (1850) been not more than 1 in 31.

And the mortality of the whole borough, which was formerly 1 in 31, has been, during the three first quarters of the present year (1850), at the rate of only I in 37 annually. The northern part of the town, as far 8. ss Whitechapel and Dale Street, is seated on a

coarse, red, diluvial clay; the remainder is the new red sandstone; and, having a gentle declivity, it has every facility for drainage. It is also protected by hills from the cold, withering, N.N.E. winds; the climate, in fact, though humid, is more equable than in most other places; the sea breezes temper the heat of summer, and the cold of winter is usually from 6 to 8 degrees below that under the same latitude on the E. coast of the island. Its situation is, therefore, one of the healthiest that can be imagined; and though the mortality has sometimes been, as in 1847, excessively great, and is at all times very heavy, that is to be mainly ascribed, partly to the destitute, diseased, condition of many immi-grants on their arrival in town, partly to the illventilated, wretched habitations in which they have hitherto mostly resided, and partly to the poverty, improvidence, and vice prevalent among great numbers of the lower class

The suburbs of Liverpool are of great extent. Everton, Edgehill, and Kirkdale, are now indeed joined to the town; and this is nearly also the case with Bootle, from the extension of the docks to the N. Aigburth, West Derby, Wavertree, and Allerton are getting fast covered with hand-some villas; and on the W. shore of the Mersey, Rock Ferry, Tranmere, Egremont, and New Brighton, are becoming very populous. The works at Birkenhead, to which we have already alluded (see the article), have been resumed; and it will, no doubt, become a place of importance, and command a fair share of the trade of the Mersey. (Enfield's History of Liverpool; Baines's valuable History of Liverpool, now (1850) in course of publication; and Private Informa-

tion.)
LIVONIA (Russ. Liftiandila, Germ. Livland, or Liefland), a marit. gov. of Europ an Russia, on the Baltic, having N. the gov. of Revel, E. the lake Peipus, separating it from the gov. of Petersburg, and the govs. of Pskov and Vitebak, S. the latter and Courland, and W. the Gulph of Livonia. Length, N. to S., about 150 m.; average breadth, 117 m. Area, including the island Œsel, in the Baltic, 17,500 sq. m. Pop. in 1846, 814,100. The coast, and the greater part of the surface, are flat and marshy; but in the districts of Venden and Dorpat are some hills of considerable elevation : Eierberg, one of these, being nearly 1,100 ft. in height. There are several extensive lakes: the principal, Virtserf, 24 m. in length by from 2 to 6 m. in breadth, communicates with the lake Peipus by the Embach. Besides the last named, the chief rivers are the Dwina, which named, the chief rivers are the Dwina, which forms the South boundary, the Evst, and the Bolder-Aa. The soil, though in some parts loamy, is in general sandy, but being abundantly watered, it is, by proper manuring, rendered very productive. Hye and harley are the principal crops, and more of both is grown than is required for home consumption. Wheat and oats are less cultivated; buckwheat is raised on sandy soils: flax, hope, and pulse are also produced; and the potato culture is on the increase: fruits are of very indifferent quality. In some districts, agriculture is tolerably well conducted. The forests are an important source of wealth, and supply excellent timber; they abound, not only with game, but also with wolves, which are sometimes very destructive to the cattle. The rearing of live stock, though not altogether neglected, does not receive adequate attention; the breed of black cattle is, however, in the course of being imp oved. Horses and sheep are very inferior. The fisheries, both on the coast and in the fresh waters, are important. Chalk, alabaster,

and in the fresh waters, are important. Chalk, alabaster, and other calcareous materials are abundant.

Rural industry, and the distillation of spirits are by far the most important occupations. The manufactures of this government are, however, more extensive than those in its vicinity. The peasantry spin linen yarn, and weave their own cloths; and in the towns, especially Riga, there are sugar refineries, and tobacco, woollen cloth, cotton, linen, glass, and other factories, which employed, in 1837, about 3.800 hands, and produce goods of the amount of 11,000,000 roubles a year. (Possari.) The N. part of Livonia formerly constituted portion of Esthonias, and the S. a part of Lithuanias. The poption of Esthonias, and the S. a part of Lithuanias. Germans, and (along a portion of the coast) Lives, the most ancient inhab. of the country, and from whom it has derived its name. About \$2,000 of the inhab. reside in the towns, and these, as well as the nobles, clergy, &c. are chiefly of German descent. Until 1824, the Esthonians and Lithuanians were in a state of predial slavery; now, however, they are free, but without the right to hold real property. The prevailing religion is the Lutheran; there are only about 12,000 individuals of the Greek church, and other professions of faith. Education is tolerably advanced in the towns, and the university of Dorpat, in this government, is the first in the empire. But, after all, only 1 in 143 of the inhab. is said to be receiving public instruction. Livonia has a governor-general, whose authority extends over the government Pskov, and the other Baltic provinces; but it has its own provincial assembly, magistracy, &c., and has preserved many peculiar privileges, among which is that of exemption from the state monopoly of ardent states of the capital and centre of its commerce; the other chief towns are Dorpat, Pernau, Fellin, and Arensburg that of exemption from the same appropriate Respirits. It was divided into 9 districts by Catherine II.: Rigs is the capital and centre of its commerce; the other chief towns are Dorpat, Pernau, Fellin, and Arensburg in the island Essel. Livonia was conquered by the Danes in the 19th century, and held by the Teutonic knights from 1346 to 1561. It afterwards belonged to Poland, and next to Sweden; but was definitively annexed to Russia, by the treaty of Nystadt, in 1721. (Schnitzler's La Russie, 558—566.; Possari; Das Katswards Russland.)

(Schnitzler's La Russie, 508—565.; Possari; Das Kaiserti; Russiand.)
LIKURI. Sce CEPEALONIA.
LIZARD POINT, a bold headland, on the British Channel, being the most southerly promontory of England, on the S. coast of Cornwall, 23 m. E. S. E. the Land's Rud, lat. of highest light-house, 49° 57' 41" N., long. 50° 11' 5" W. The Lizard is famous in navigation, from its being the point whence ships usually take their departure from the channel, and being, also, the best place for a land-fall when homeward bound. It is surmounted by 2 light-houses with fixed lights, at a short distance from each other, the lantern of the one being 226 ft. and of the other 221 ft. above the level of the sea. Some steep rocks, called the Stags, lie to the S. of the Lizard.

tance from each other, the lantern of the one being 228 ft. and of the other 221 ft. above the level of the sea. Some steep rocks, called the Stags, lie to the S. of the Lisard.

LLAMPETER, or LLAN-BEDR, a parl. bor., market.town and part of S. Wales, co. Cardigan, hund. Moyddyn, 25 m. E. by N. Cardigan, and 180 m. W. by N. Londou. Pop. of parl. bor., which is contributory to Cardigan, 302, that of the entire par. being, in 1841, 1,507. The town, which stands on a slope about \$\frac{1}{2}\$ m. N. of the Teily (crossed here by a stone bridge), appears to have been larger formerly than at present, when a score of tolerably built houses, and about 100 cottages, comprise the whole of its private dwellings. The church, which stands on an eminence at the N. end of the town, is very ancient, and being shaded with venerable yews, has a very picturesque appearance: there are also two chapels for Calvinistic Methodists and Presbyterians. The chief ornament of the place is the College of St. David's, a handsome Gothic structure erected in 1822, at the suggestion of the late Dr. Burgess, them bishop of St. David's, and endowed with 6 livings, is intended to furnish clerical instruction for the clergy of the S. part of the principality, and has already done much to raise a profession, which, owing partly to the misconduct and partly to the poverty and ignorance of its members, had allien into merited disrepute. The students reside within the college, the business of which is conducted by the principal, who gives theological instruction, and is assisted by Greek, Hebrew, Welsh, and other professors. The course of instruction last during two years, and is attended, at an average, by about 60 students of little trading importance. Markets on Saturday, Fairs, well attended, for horses, cattle, and hogs, Jan. 11, Wednesday in Whitsun-week, July 10., first Saturdayin Nov. The town is incorporate, governed by a portreeve, and seasons are held annually by the co. magistrate on the second Wednesday in Oct.

LLANGADOG-FAWR.

LLANDRILO-FAWR, a market-town and par. of S. Wales, co. Caermarthen, hunds. Caro and Perfedd, on the Towy, 13 m. E. by N. Caermarthen, and 169 m. W. by N. London. Pop. of par. (including 10 hamlets), in 1831, 5,149: do. of township, 1,268. The town, situated in the beautiful and interesting vale of the Towy, is small and ill-built, the only public buildings being an old church, and 4 places of worship for dissenters. Newton Park, the residence of Lord Dynevor, and Golden Grove, belonging to Earl Cawdor, are the principal country-seats of the neighbourhood, which is very productive, and has some rich mines of coal and iron. A railway connects this coal-field with the port of Lianelly Quarter sessions are held here; and Liandello-fawr is one of the polling places for the co. Markets well-supplied with corn, &c., on Saturday; fairs, Feb. 20., May 5. and 12. June 21., Aug. 22., and Nov. 12

LANDOVERY, a mun. bor. and market-town of S. Wales, par. Llandingad, co. Caermarthen, hund. Perfedd, 23 m. E.N.E. Caermarthen, and 162 m. W. byn. London. Pop. of bor. in 1831, 1766. The town, agreeably situated in the upper part of the vale of the Towy, at a short distance from that river, has one principal avenue, and 8 other streets lined with respectable houses. The keep of an old castle, destroyed by Cromwell, occupies the summit of an insulated rock and forms a chief feature of the place. The par. church stands a little S. of the town, and there are likewise 4 places of worship for dissenters, with attached Sunday schools. National and Lancastrian schools are established, and there are almahouses and other charities for the aged poor. There is little trade or traffic of any

blished, and there are almshouses and other charities for

schools. National and Lancastrian schools are estabilished, and there are almshouses and other charities for the aged poor. There is little trade or traffic of any kind in Liandovery; but it is a mun. bor., governed, since the Municipal Reform Act, by a mayor and 3 other aldermen, with 12 councillors. The petty sessions for the hund. of Perfedd are held here, and Liandovery is one of the polling places at the elections for the co. Markets on Wednesday and Saturday: cattle fairs Wednesday after Jan. 17., the 2d Wednesday after Easter, Whit. Tuesday, July 31, and Nov. 36.

LLANELLY, a parl. bor., sea-port, market town, and par. of 3. Wales, co. Caermarthen, hund. Caernwallon, 13m. S.E. Caermarthen, 104 m. W.N.W. Swansea, and 174 m. W.-by N. London. Pop. of parl. bor. in 1841, 6,818. The town is irregularly built, on a creek near the sea-shore; but some of the houses are good, and the place, on the whole, appears to be thriving. The church is an old irregular structure, remarkable as having two towers, one embattled, and the other surmounted by a steeple: the living is a vicarage, and within the par. are two chapela-of-ease. Dissenters also of different demominations have several places of worship. A free school and two other schools, chiefly supported by subscription, turnish instruction to the children of the poor; and there are four charities for the relief of the sick and aged. Lianelly is situated in the midst of the rich mineral basin of S. Wales. Four large collieries at Llangenneck employ unwaste of MO persons: and the plundance of ex-Lianelly is situated in the midst of the rich mineral basin of S. Wales. Four large colleries at Liangenneck employ upwards of 500 persons; and the abundance of excellent coal, a part of which is exported to France, Spain, and the Mediterrancan, for the use of steam-boats, has caused the establishment of the Lianelly and Cambrian copper-works. The ore is imported chieff from Cornwall; and the copper-cakes and sheathing are sent to Liverpool, and other ports of the kingdom. There are also two iron-foundries, but both are air-furnaces, and of no great importance. The town has four docks, two of which are floating basins, the largest being capable of accommodating no less than 50 vessels of 500 tons register. This port had, in 1850, 70 ships, of the aggregate burden of 4,469 tons; and the register tonnage cleared outwards, in 1840, amounted to 14,675 tons. The gross customs' revenue, in 1846, amounted to 9531.

The gross customs' revenue, in 1846, amounted to 983t. The interests of the town have been recently much promoted by the construction of a railway, with branches into different parts of the fine coal-field near Liandeilo; and it is probable that Lianeily will, at no distant period, become one of the principal trading ports of the principality. The parl. bor., which is contributory to that of Caermarthen, includes the bor. hamlet, with some additions. Registered electors in both bors., in 1849-50, 718. The bor. is governed by a portreeve and burgesses, and had formerly both civil and criminal jurisdiction. Markets on Thursday and Saturday: fairs on Ascensionday and Sept. 30.

LLANGADOG-FAWR, a market-town and par. of S. Wales, co. Caermarthen, hund. Perfedd, on the

LLANGADOG-FAWR, a market-town and par. of S. Wales, co. Caermarthen, hund. Perfedd, on the Town, here crossed by a handsome stone bridge, 19 m. E. by N. Caermarthen, and 167 m. W. by N. London. Pop. of par., in 1831, 2,476. The town has two pretty wide streets, with a few well-built houses and numerous cottages, an old church, and 3 dissenting places of worship, being the only public buildings, besides a ruinous old castle. Woollen stockings, and coarse woollen cloths, are made here; but the chief business is the sale of farm produce at the fairs and markets, which are very considerable. Markets on Thursday; fairs,

be of high astiquity. Four miles from the towin, and in another direction, is the Crystibus aqueduct, by which she Eliesmere canal is conveyed across the Dee, a noble structure of 19 arches, raised 126 ft. above the river, at a cost of 47,000.

**LLANIDLOSS, a parl. bor., market-town and par. of N. Wales, co. of Montgomery, huad. Llanidloss, at the confluence of the Cleredos with the Severn, 37 m. W. S. W. Shrewsbury, and 186 W. N. W. London. Pop. of town in 1841, 2,742. It is situated in a valley on the E. bank of the Severn (crossed here by a handsome stone bridge of 3 arches), and is surrounded on all sides by lofty hills: the buildings have increased rapidly, and several respectable houses have been substituted for others composed of wood and plaster, which formerly gave the place a mean appearance. A new town-hall stands nearly in the centre of the town. The church, built in 1542 on the site of an older structure, and ve y recently repaired, is chiefly remarkable for a ceiling of delicately carved oak, and for a square tower of great antiquity. There are also places of worship for independents, Wesleyans, Calvinistic Methodists, Baptist, and the Society of Friends. Instruction is furnished in day-achoois to about 70 children; but education is little valued, and the mass of the population are described, we hope too strongly, as being 'cradled in ignorance, and inured to vice both by habit and example."

**Flaunel and other woollens are the principal articles manufactured in Llanidloss, and the present improved condition of the town is wholly stributable to its trade in these articles. The spinning of wool is conducted in six mills, employing 180 hands; but the cloth is wholly made by hand-looms. The quantity of flannel annually manufactured averages 4,80 pleces: there were 815 looms at work in 1828, which employed 590 men, 176 women, and 106 children. The wages of the best waweres are 10c. a week; but the choth is wholly made by hand-looms. The quantity of flannel annuality manufactured averages 4,80 pleces

LLANGOLLEN.

Marsh 12., Jaly 2., Thurs. after Sept. 11., and 2d Thurs.

after Oct. 40.

LLANGOLLEN, a town of N. Wales, co. Denbigh, bend. Chirk, on the Dec. 30 m. 8. W. Chester, and 165 m. N. W. London. Pop. of par., in 1841, 4,506. The town, beautifully situate in a deop, narrow vale, ecclosed by houndains, and watered by the Dec. which is crossed here by a good stone bridge, consists of one principal and a few smaller streets, lined with old and mean houses, interspersed with a few handsome modern dwellings, assengst which are three large and commodious inns. The church, in the early English site, has service performed in it both is English and Weish: there is a chapel-of-case at a hamlet within the par., and the cissenters have three places of worship. The inhabs derive their chief support from summer visiters, who, is making the tour of N. Wales, usually make some stay here, in order te eajoy the fine scenery of this vale, which is some respects excels that of the vales of Clwyd and Festialeg. Many families, also, reside here during summers, so that Liangollen may be considered as a sort of watering-place. The Reform Act made it a polling-place for the co. Markets on Saturdays. Fairs, March 17., May 31., and Aug. 21.

About 1 m. from Liangollen, situated on a high and steep conical hill, are the ruins of the castle of Dinas Bran, once a fortress of considerable strength; and about 1 m. beyond, searly in the same direction, are the majoratic remains of Vale-crucis Abbey, still in tolerable preservation: the same of this sheby is derived from a pillar or cross, situated in an adjoining field, supposed to so of high antiquity. Four miles from the town, and in another direction, is the Cysyllaus aqueduct, by which the Elispance can all so conveyed across the Dec, a nother direction, is the Cysyllaus aqueduct, by which the Elispance can all so conveyed across the Dec, a nother direction, is the Cysyllaus aqueduct, by which the Elispance can list content of the value of Gamera, and the principal value of Gamera,

retail trade; for the spianing and knitting of wool is become quite insignificant. It derives considerable advantages from its position on the Cowvay, which brings up vessels of 60 tons burden to Trefriew with coal, lime, timber, &c. in return for slate and iron. Gwydir castle, a rather large and very elegant modern structure, is situated about § m. from the town. Markets on Tuesdays and Saturdays. Fairs on March &. April 33, June 10, Aug. 10, Sept. 17., Oct. 20., and Dec. 11.

LLANTRISSENT, a parl. bor., market-town, and par. of 8. Wales, co. Glamorgan, bund. Miskin, 10 ss. N. W. Cardiff, and 140 m. W. London. Pop. of perl. bor. is 1841, 850: ditto of par., 3,223. The town, which stands on a commanding eminence overlooking the vale of Glamorgan, consists only of three or four narrow and irregular streets, lined with old and ill-built houses. The town-hall and market-house were erected by the Bute family, who are lords of the manor, and the principal landowners in the par. The church is a large structure in the Norman style, the living being a vicarage in the gift of the dean and chapter of Gloucester cathedral. There are also two chapsis of ease in the outownships, and several places of worship for dissenters, with attached Sunday schools. The ruins of an old castle with a high tower stand close to the town; and at a short distance are some interesting remains of an old castle with a high tower stand close to the town; and at a short distance are some interesting remains of an old monastery. Liantrissent has very little trade; but coal, lead, and iron are found in considerable quantities, in the hamlet of Pentyrch, and sent to Cardiff for exportation. The charter of the bor. was granted by Edward III., and the government is vested in a portreeve, constable, and 12 aidermen, whose privileges were left untouched by the Municipal Reform Act. Liantrissent is a part. bor., contributory with 2,600. Registered electors in all the born. in 1849-50, 89s. Markets on Friday; fairs, Feb. 13., May 12., Aug. 12., and Oct. 2

tation. Almost the only grains are manioc, maize, and a species of pulse called msangen, rudely cultivated by women, who merely stir the ground to the depth of an inch, and cover up the grain, to prevent its being devoured by birds and even this slender culture is confined to small patches round the villages. The rest of the country is covered with luxuriant herbage, rising to the height of 8 feet, allowed by the people to grow, ripen, and wither, without being applied to any use. Sometimes, however, they set fire to it, producing a wide extended conflagration over the whole country, the coast ripen, and wither, without being applied to any use. Sometimes, however, they set fire to it, producing a wide extended condagration over the whole country, the coast appearing from the sea to be on fire. The finest fruits grow wild, and the sugar-came attains an extraordinary size. The tree called the mapon is distinguished, like the baobab, by the enormous dimensions of its trunk. Palm trees are very plentiful, particularly that species from which the natives extract their favourite ilquor. The potato and yam are also abundant. The Chinese hog is the only animal reared for domestic use, the natives having altogether neglected the breeding of sheep, cattle, and horses, formerly introduced by the Portuguese, and still abundant at their settlement of St. Paul de Loanda. The inbabs. usually reside in villages or clusters of straw huts in the midst of palm groves. They seem to be in the lowest state of degradation, being incorrigibly indolent, debauched, filtry, cowardly, and superstitious in the streme. The country is divided among several chiefs, who, though often at war with each other, acknowledge the supreme authority of the king of Loango, the cap The latter is elective and absolute, but the judicial power is vested in the cabals or assemblies of the different villages. Loango, called Boras by the natives, about 2 m. from the coast, in lat. 4° 36° S., long. 12° 20° Le., has been said to have a pop. of 15,000 persons. It is nothing more than a collection of huts. This and the ports of Kabenda and Majumba, also, in Loango, were formerly among the principal slave marts on the coast of Guinner: and notwithstanding the efforts that have been made for the suppression of the traffic, we doubt whether it be materially diminished. (For furcoast of Guinea: and notwithstanding the efforts that have been made for the suppression of the traffic, we doubt whether it be materially diminished. (For further and ample information as to this country, see Foyage à la Côte Occidentale de l'Afrique, by Degrandpré, passim; and Prevost, Histoire Générale des Foyages, vol. 17,579—610.)

ther and ample information as to this country, see Foyage à la Côte Occidentale de Trifrique, by Degrandpré,
passim; and Prevost, Histoire Générale des Voyages, vol.
1. 579—610.)

LOCHES, a town of France, dep. Indre-et-Loire,
cap. arrond. on a hill beside the Indre, 23 m. S. E.
Tours. Pop. (1846), ex. com., 3,451. It is irregularly
laid out, and its streets are narrow; but it is clean, and
has many good houses. Its castle, on a plateau, at the
summit of the hill on which the town is situated, has
gained considerable notoricty in French history. It
appears to have been built in the last ages of the Western Empire, and is one of the most remarkable remains
of that period now existing in France. Charles VII.
defended it successfully against the English; Louis XI.
made it a state prison; and here, Cardinal Balue, of infamous memory, was confined in an iron cage for 11
years. It is now mostly destroyed, what remains being
occupied by the sub-prefecture, prison, &c. The palace of Charles VII., now the municipality, is a large
obling building on the bank of the Indre; it was long
the residence of Agnes Sorel, whose remains are deposited in a chapel in a tower of her erection. The church
of Loches, originally founded circa mno 450, is a singular piece of architecture, with four steeples, two of
which are about 160 ft. high. Loches communicates
with the little town of Beaulieu by several bridges over
the Indre. It is the seat of a tribunal of primary juriadiction, and a communal college; and has manufactures
of linens and coarse woollen cloths, paper, leather, &c.
(Hugo, art. Indre-et-Loire.)

LOCHMABEN, a royal and parl. bor. and market
town of Scotland, co. Dumfries, in a level country, surrounded by several lochs, or lakes, 10 m. N. E. Dumfries, and 32 m. N. W. Carlisle. Pop. 931. The town
consists of one extremely wide street, more or less overgrown with grass. The public buildings are a townnouse, parish church, and a dissenting chapel. It has
no manufactures. The schools are good; and there

called the "king's kindly tenants," had no written title called the "king's kindly tenants," had no written title to the lands; and at present, in case of a sale, a simple deed of conveyance is sufficient; and the succession is taken up without any feudal service. Owing to a misunderstanding between these tenants and the keeper of Lochmaben Palace, Charles II., in 1664, guaranteed to them the perpetuity of their leases, and relieved them from every burden, except the rents and services paid by their ancestors in 1602, which are nominful merely. The tenants are a poor but contented class. havine little mem the perpetuity of their leases, and relieved them from every burden, except the rents and services paid by their ancestors in 1602, which are nominal merely. The tenants are a poor but contented class, having little intercourse with the rest of the community. Johnstone, of Annandale, is the hereditary keeper of the royal palace, and, as such, receives the nominal reats in question. Many of the inhab. of the bor. like the 'king's kindy tenants," are owners of small patches of land, there being within the bor. no fewer than 141 small proprietors! Lochmaben unites with Annan, Sanquhar, Dumfries, and Kirkcudbright, in sending a member to the H. of C. Registered voters in 1849-50, 33. (New Stat. Acc. of Scotland. § Dumfries, p. 376-397.; Chaimers's Caledonia, § Dumfries. ph. 376-397.; Chaimers's Caledonia, § Dumfries. ph. 876-397.; Chaimers's Caledonia, § Dumfries. ph. 876-397.; Chaimers's Caledonia, § Dumfries. Perspith's Picture of Scotland.

LOCHWINNOCH, a manufacturing town of Scotland, ending the content of the sheltered in every direction, except the S. E., either by rising grounds, or thick plantations, has a main street (§ m. long), with others crossing it at right angles. It, also, has a parish church, a Free church, a chapel belonging to the Associate Synod, several public libraries, and various friendly societies. Manufactures were early introduced into Lochwinnoch; but those of linen and silk bave disappeared. Thread-making was introduced in 1723: at one time there were about 30 thread-mills in the place; but the business is now nearly discontinued. Cotton is the staple manufacture. Three cotton-timed. Cotton is the staple manufacture. Three cotton-timed. Cotton is the staple manufacture. Three cotton-timed. Cotton is the staple manufacture. Three cotton-

ries, and various friendly societies. Manufactures were early introduced into Lockwinnoch; but those of linen and silk have disappeared. Thread-making was introduced in 1723: at one time there were about 20 thread-mills in the place; but the business is now nearly discontinued. Cotton is the staple manufacture. Three cotton-mills employ about 600 persons; and there are above 200 weavers employed by the manufacturers of Glasgow and Paisley. There is a small power-loom factory, a small mill for carding and spinning wool, and one of the best corn-mills in Scotland. The Glasgow and Ayrrallway, opened in 1840, passes close to Lockwinoch. (Ibid.; and Factory Reports, 1829, p. 306, 307.)

LOCKERBIE, a market town of Scotland, co. Dumfries, in the centre of a rich and fertile country, on the road between Carlisle and Glasgow, 37 m. N. W. the former, and 66 m. S. E. the latter. Pop., in 1841, 1315. It is neat and regularly built; and has been materially increased and improved since the opening of the Caledonian railway, which passes close by the town. It has a par, church, a Free church, and a chapel belonging to the Associate Synod. Lockerbie has long been distinguished for its excellent schools. There are two public libraries and a reading-room. There are two follows a sight intercourse between the English and Scotch, the sheep farmers of the S. of Scotland assembled here to meet the English dealers. This was the origin of these fairs, which have been long very important. The Lammas fair (2d Monday in Aug.) is the largest lamb fair in Scotland. The 10 markets have each a somewhat different object; one of them being for hiring servants, another for black cattle and horses; while those in winter are principally for port, which is largely produced in the vicinity. There are twe borner than 1 in 100 the proportion of ille

levinit : Tabless Physique, &c. des Oweriers, 1, 319—322.)

LODI, a city of Lombardy, cap. deleg. Lodi and Crema, on the Adda, here crossed by a wooden bridge, and on the reset from Milan to Piacenza, 18 m. S. E. Billian. Let. 450 18? 31" N., long, 9: 20' 58" E. Pop. (1838), 15,963. It is situated on slightly rising ground, and is surrounded by old walls, and entered by floer gates. It is generally well built, and has broad and regular streats, an old citated, now dismantiled, and conversed into barracts by the Emperor Joseph II., numerous churches, a large hospital, a theatre, several anahones palaces, and a large market-place surrounded with arcades. The church della Incorensus is said to have been designed by Bramsante; it has a fine rounds, and is ornemented with freecose and paintings by Cahleto, apull of Tititan. In the cathedral is the "Murder of the Innocenta," by the same artist. Lodi is a bishop's cee; and the seat of the governor, assembly, and superior justicial courts for the delegates; it has a royal and eclosiastical gymnasium, a public library, a normal echoel, founded by Joseph II., orphan and foundling saylums, a worthouse, a most de public, a large porcelain factory, and manufactures of them fabrics, &c. It is the control of the tracks in mendern history for the victory. Lodi to fomous in mendern history for the victory.

centre of the trade in Parmesan cheese. (See ITALY (AUSTRAN) in this vol., p. 64.)

Lodi is famous in modern history for the victory achieved here on the l0th of May, 1798, by Napoleon, in his first italian campaign. The cannon of the Austrians swept the bridge behind which they were drawn up; but it was, notwithstending, forced by the French at the point of the bayonet, and the Austrian army totally defeated. On this occasion, the intreplidity and gallantry of Napoleon shone as complexously as his skill as a tacticien. (Gesterr., Nat. Emoyel.; Bergheus; Constr's Links, &c.)

cally defeated. On this occasion, the intreptitity and pallantry of Napoleon abone as conspicuously as his still as a tactician. (Gesterr., Nat. Emopol.; Bergheus; Confer's Laley, Ac.).
LOFFODEN ISLES, a group of islands on the coast of Norway, between lat. 65° 49° and 69° 30° N., and long 11° 40° and 16° 20° E. There are five larger and several smaller islands, hawing in all from 3,000 to 4,000 inhab. The principal are (taking a S. W. direction) Andien, Langdan, and Hindien, which is the largest of the whole group, and, with six others, forms, on the side of the Norwegian continent, the great gulph of West Flord. The coasts of these blands are extremely irregular, and they rise into lofty and rugged mountains, covered with perpetual snow, and in some places with gisclers. There are no trees, but only a few stanted shrubs, grass, and cryptogamous plants; too raw these islands of any importance, except on account of the faberies, which are very extensive and valuable. "In the beginning of February the cod-fish set in from the cosen, and occupy the banks in West Flord. These banks are from 3 to 10 m. out in the Flord, at a depth of from 60 to 80 fathoms; and the fish erowal as much together while depositing their spawn, that it is said a deep see lead is often interrupted in its descent to the bottom through these flash-side. The fashermens assemble in the month of January at the different stations, and the fish are caught by nets and long times, set at night and taken up in the morning. An outift, or comeany, consists of 2 boats, each having 5 mess, and provided with 6 or 8 nots; and every 20 or 20 of these companies have a large tender to bring out their provisions, usts and lines, and to take the produce to market. The fish are cured as round or stock shiftly April, after which they are spite, salted, and carried to Drontheiu, or other places, to be dried on the rocks; there were 3,946 boats fishing in 83 different stations, it is to be a so and a second or stock shiftly having a second or stock shiftly having

LOGHUR (Lohagus, "the iron fort"), a strong hill fort of Hindostan, prov. Aurungabed, in the British territories, 30 m. N.W. Poonah. From the perpendicular height of the rock on which it is built, this fortress could not, if properly defended, be taken by storm. It is supplied with water by numerous tanks and springs, and has extensive excavated magazines. It came into the possession of the Nutrici in 1418.

extensive excavated magazines. It came into the posses-sion of the British in 1818.

LOGRONO (am. Jutiobrigs), a town of Spain, in Old Castils, prov. Soria, on a specious plain on the Ebro, which is here crossed by a handsome bridge, 57 m. W.S.W. Rampeluffa, and 168 m. N.B. Madrid. Pop., according to Miffano, 8,210. It comprises, hesides several good streets, two fine squares, with a colle-giate church, 5 par. churches, 8 convents, and 2 hos-pitals. It has tameries, distilleries, and fabrics of saddles, hets, and candles.

asylum in the whole around. (Hage, art. Herewit; PRIhermat; Tablesus Physiques, &c. des Oweriers, L. 319—
322.)

LODI, a city of Lombardy, cap. deleg. Lodi and
Crema, on the Adda, here crossed by a wooden bridge.

LODI, a city of Lombardy, cap. deleg. Lodi and
Crema, on the Adda, here crossed by a wooden bridge.

Micha, lat. 150 41° 20", long. 42° 46° 40". It stands on low ground, sometimes inundated by the sea. Its
Pop. (1839), 15,963. It is situated on alightly rising
ground, and is surrounded by old walls, and entered by
four gates. It is generally well built, and has broad and
regular streets, as old citadel, now dismantied, and conversed into barracts by the Emperer Joseph II., numerous churches, a large hospital, a theatre, several
handsome paiances, and a large market-place surrounded
with arcades. The charch écile incoresses is said to
have been designed by Bramantie; it has a fane rotunde,
and is orresmented with frescoes and paintings by Calobels is inferior to that of Mocha; but it not withstandand some coffee warehouse. The coffee shipped at Lobeds is inferior to that of Mocha; but it notwithstanding carries on a considerable trade in it with Cairo, through Djidda. Lime is prepared in the neighbourhood by the calcination of coral; and near the town is a salt mine. (Niebuhr, Voyage de L'Arabic, I. 243.; Geg. Lorentel.

Loneta is inferior to that of Mocha; but it notwithstandiag carries on a considerable trade in it with Cairo, through Djidda. Lime is prepared in the neighbour, through Djidda. Lime is prepared in the neighbourhood by the calcination of corai; and near the town is a salt mine. (Niebukr, Voyage de L'Arabie, 1. 243.; Geog. Journal, 4c.)

LOIR-ET-CHER, a dep. of France, reg. centre, between lat. 47° 16' and 48° 16' N., and long, 0° 30' and 9° 18' E., having N. Eurs-et-Loire, E. Loiret and Cher, S. Indre and Indre-et-Loire, and W. the latter, and Sarthe. Length, N.W. to S.E., 80 m.; breadth varying flews 20 to 48 sm. Area, 625.971 hectares. Pop. (1946), 286,833. Surface mostly plain, with a general inclination toward the W. The Loire intersects the dep. nearly interested in a direction from E. to W.; the other chief rivers are, in the N. the Loir, a tributary of the Sarthe; and in the S. the Cher, Bouncheure, and Cosson, afficients of the Loire. In the S. of the department are numerous pools and marshes, which in the arrondissement of Romorantin cover marry 3,400 hectares. In 1834, k was estimated that 369,624 hectares of the surface were stable, 3:634 occupied with pastures, 26,594 with vineyards, 70,210 with woods, and 80,036 with heaths, wastes, &c. More corn is grown than is required for home consumption; in 1836, 1,861,396 hectolitres were harvested, chiefly oats and wheat. The annual produces of which is of a pretty tolerable quality; the wines are principally made into brandy and vinegar; but a peculiar variety, of a very deep dark hus, is extensively employed to deepen the colour of other red wines, and to give a reddish tint to white wines. (Julius, Topographie, p. N4). Beans and peas, fruit, hemp, liquorice, and beet-root, are raised in considerable quantities. In 1830, about 277,000 sheep were kept in the dept., the annual produce of their wool being estimated at 780,000 kilogr. A good many poultry and bees also are reared. The rural pop. is, however, in a very depressed condition; the labouring class oc

is generally surpassed by that of the Rhone. Some very important cities stand on its banks, among which, reck oning from its source, may be specified, Roame, Nevers, Orleans, Blois, Tours, Saumur, Ancenis, and Nastes. Dict. Geog., &c.)

LOIRE-HAUTE, an inland dep. of France, between lat. 40 43 and 45 34 N., and long, \$2 and 40 30 E., having N. Puy-de-Dôme and Loire, \$E. Ardèche, and S.W. Lozère and Cantal. Area, 488,650 bectares. Pop. 307,161. It is generally mountainous, with a slope to the N. The Cevennes mountains run along its \$S.W. border, and a range, passing off laterally from them, intersects the dep. about its centre, and afterwards bounds the dep. of Loire on the W. But most of its mountains belong to the volomic system of France. The Loire and Allier are the principal rivers, and receive numerous small streams within the dep.: there are many small lakes and pools around Le Puy, and elsewhere. The bottoms of the valleys are fertile, but not the other parts of the dep., by far the greater portion of the surface being stony or sandy. In 1834, it was estimated that there were 256,073 hectares of arable land, 79,432 ditto meadow, 74,030 ditto woods and forests, and 59,239 ditto heaths, &c. Agriculture is extremely backward; half the arable land is constantly in fallow, and the occupiers are miserably poor. Sufficient corn, chiefly rys with some wheat, is, however, grown for home consumption; but about 50,000 hectol. of wine are annually imported. The natural pastures are good, and their irrigation is pretty well conducted. In 1830, there were about 188,800 head of cattle, and 278,000 sheep in the dep.; the latter yielding about 30,000 kilogs a year of wool. The rural pop. is, in general, very poor; and about 50,000 individuals annually leave the dep. in search of supleyment in the other deps., as reapers, road-makers, day labourers, &c.; and usually return, after about six months; abeence, with suma supposed to average about 70 fr. each. The land is very much subdivided. In 1835, of 93,889 properties in t

of 900 tons, though built at Nantes, are loaded at Palmbour or St. Nazaire; and all ships of considerable budren unload nearly 30 m. below Nantes, their cargoes being conveyed to that city by lighters. During the first 40 m. of its course, the Loire has an average descent of more than 50 ft. a mile; its rate of descent afterwards averages 4 ft. a mile; its current is every ductive of much damage; to prevent which, extensive embankments have been erected along its banks below Orleans.

The tide rises to about 5 m. below Nantes. Its chief tributaries are the Maine, Endre, and Brive from the N.; and the Alber, Loiret, Cher, Indre, Vienne, and Sevre-Nantsies from the S. It is connected with the Seine, by means of the Orleans, Briare, and Niversals canals; with the Rhone by the Canal du Centre, in the dep. of Loiret, and runs along its 3.W. bank of the Loire, is much superior in fertility to hant till it terminates opposite the mouth of the Briser canal, in the dep. of Loiret, and runs along its 3.W. bank till it terminates opposite the Canal du Centre, in the dep. of Allier. The entire length of this canal is 123 m. The scenery along the Loire, though in parts very fine, is generally surpassed by that of the Rhone. Some very important cities stand on its banks, among which, reck oning from its sources, may be specified, Roanne, Nevers, Orleans, Blots, Tours, Saumur, Ancenis, and Nantes.

LOIRE-HAUTE, an inland dep. of France, between its. 44e 3 km M. and 100g, 3° and 4°, 30° E., Losse generally run from 3 to 5 and 7 year; seldom beyond the latter term. Few farms are treducted to the coast is sellength of the stand on its banks, among which, reck oning from its sources, may be specified, Roanne, Nevers, Orleans, Blots, Tours, Saumur, Ancenis, and Nantes.

LOIRE-HAUTE, an inland dep. of France, between the contract of the arable, and noney for the core of the coast is sellength of the arable, and noney for the contract of it is still less. Leases generally run from 3 to 5 and 7 years; seldom beyond the latter term. Few farms are let for a money rent. Some farmers pay a stipulated quantity of grain for the arable, and money for the pasture land; but the far greater number hold on the métayer principle, paying half the gross produce to the proprietor. The reader will not, consequently, be surprised to learn, that the farmers are without capital ror intelligence, that their implements and cattle are very inferior, and that the land, which is not half tilled, is usually left fallow every other year, and frequently for some years together. The usual wages of farm labourers vary from 7½4. to ½4. a day: women get from 4½. to ½4. During harvest wages are about half as much higher. Little butcher's meat is consumed by the agricultural pop. Their food consists principally of bread, butter, or fat, cabbage soup, buckwheat, pancakes and potatoes. Paupers are very numerous in winter, and in their tartle. They are not in deut, but have no money; are strongly attached to routine practices; and move on without an effort to improve their condition. (Consular Report.)

The nreduce of corn is estimated at about 1,400,000

are strong; accused without an effort to improve their condition. (Consular Report.)

The produce of corn is estimated at about 1,400,000 hectolitres a year, principally wheat, buckwheat, and rye; a good many turnips are raised as food for cattle and sheep. The produce of wine is estimated by Jullien at 300,000 hectolitres, but the quality is inferior; about 300,000 hectolitres are consumed in the deep, the rest being principally converted into brandy. The annual produce of cher may be about 120,000 hectolitres. The pastures on the banks of the Loire are excellent, and feed great numbers of cattle. The cows are good milkers, and the vicinity of Nantees is famous for its butter. In 1830 the stock of sheep amounted to 229,000 head, producing 250,000 kilog, of wool. The horses, though not large, are strong and handsome. The forests, which abound with oaks, feed a good many hogs. Sees are numerous, and the honey and wax of the dephase a high reputation. The pilchard and herring fisheries are important: the former employs 3,000 fishermen on the water, and a great many women in salting ana nave a high reputation. The pitchard and herring fisheries are important: the former employs 3,000 fishermen on the water, and a great many women in salting and barrelling the pitchards on shore. The manufacture of salt, from the extensive salt-pans at Notrmoutiera, Guerande, Croisic, &c. employs about 7,000 hands, and furnishes produce worth above 900,000 fr. a year. Bog iron is plentiful, and is smelted in the arronds. of Ance-nis and Châteaubriant. A tin mine is wrought at Piriac. Granite, coal, turf, porcelain, clay, &c., are the other chief mineral products. There are two royal cannon foundries and several building docks in the dep., and manufactures of sail-cloth, rope, glass, porcelain, tiles, paper, leather, &c. The trade of this department centres almost entirely in Nantes (which see). It is divided into 5 arronds.; chief towns, Nantes, the cap, with 82,993 inhabitants, Châteaubriant, Ancenis, Painsbeut, and Savenay. Total public revenue in 1844, 26,571,970 fr.; expenditure, in 1831, 10,880,684 fr. (Hage, art. Loire Inferieure; French Official Tables; Pari.

Art. Lorre Injerieur.;
Report.)
LOIRET, a dep. of France, region centre, between
lat. 45° 13' and 46° 18' N., and long. 2° 45' and 4° 45' E.,
having N. Eure-et-Loir, Seine-et-Oise, and Seine-etMarne, E. Yonne, S. Nièvre, Cher, and Loir-et-Cher,
W. the last-named dep. Area, 627,679 hectares. Pop.
(1846), 331,633. Surface, for the most part, level; but in

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the N. is a chain of hills separating the bashs of the Loire and the Seine. The Loire traverses the S. half of the dep., generally in a W. direction. It receives the Loiret, which rises within the dep., and joins the Loire after a short course; being, however, navigable for beats nearly to its sources. S. of the Loire, the country is marshy, uncultivated, and infertile; but, in other parts, it is very productive, particularly in the W. districts. In 1825, the arable lands were said to comprise 294,900 hectares, meadows 24,464 ditto, vineyards 28,883 ditto, and forests 39,474 ditto. Agriculture is in a comparatively forward state. The corn grown, which is chiefly osts and wheek, exceeds the quantity required for home consumption. The annual produce of wine is estimated at 1,200,000 hectolitres; two-thirds of which is exported, under the name of vine of Ordinars, and the rest consumed at home, or converted into brandy or vinegar. None of the wine is of a superior quality; but the better norts are esteemed as vine ordinares. Cider is made in the arrond. of Montargis. Various fruits, with flax, hemp, sorts are esteemed as visus ordinaires. Cleer is made in the arrend. of Montargis. Various fruits, with flax, hemp, saffron, &c. are grown; and of late the culture of beet-root for sugar has gained ground. The different branches of rural industry are all pursued by the same thinding who should be a sort of the same that th Individuals who simultaneously grow corn, garden produce, and wine; and rear cattle, sheep, poultry, &c. In 1830, it was estimated that there were in the depnearly 100,000 head of black cattle, and 400,000 sheep. The latter have been improved by crossing with English breeds. In 1835, of 118,143 properties subject to the con-tribution fouriere, 56,061 were assessed at less than 5 fr., and 15,457 at between 5 and 10 fr.; but there were, at the same time, a considerable number of large properties.

The manufacture of coarse broad cloths and other woollen brics are said to employ a large number of hands; and Orleans has manufactures of fine cloth, flannels, woollen yarm, &c.; but the commerce of that city has laterly declined. Cotton yarn, vinegar, white lead, paper, parchment, earthenware. &c. are also produced; and there are numerous distilleries. Meung is celebrated for its leather; Montargis and Pithiviers are the chief seats of the French saffron trade; and the latter town is celebrated for its

Montargis and Pithiviers are the chief seats of the French saffron trade; and the latter town is celebrated for its gäteaux d'amandes, and patés d'alcuettes. The dep. is divided into 4 arronds: chief towns, Orleans, Gien, Montargis, and Pithiviers. It sends 5 mems to the Cham. of Dep. Number of electors (1883-39), 2693. Total pablic revenue (1831), 14,001,294 fr.; expenditure, 5,270,185 fr. (Hugo, art. Loiret; Official Tables, \$c.). LOREREN, a town of Belgitum, prov. E. Flanders, cap. canton, on the Deurne, and on the road from Ghent to Antwerp, 12 m. E. N. E. Ghent., Pop., in 1836, 16,183. Its appearance is that of a "large, quiet, Flemish village." It is celebrated for its linen fabrics; and has also manufactures of cotton goods, flannels, lace, hat, and soap, with cotton printing establishments, bleaching grounds, brewerles, distilleries, oil mills, &c. It has sarge weekly markets, and a considerable trade in its native products, and those of the adjacent country. (De Clost; Henschling, &c.).

LOMBARDY. See Italy (Australan).

LOMBOK, an island of the eastern Archipelage, between lat. 8° and 9° N., and long, 116° and 11° E., separated on the W. from Ball by the strait of Lombok, and on the E. from Sumbawa by the strait of Allas, the

and on the E. from Sumbawa by the strait of Alias, the last being the most commodious passage through the Sunda chain of islands.

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Lombok is of a rhomboidal shape; its length may be estimated at 53 m.; average breadth, 45 m. Area, probably 2,400 sq. m. A mountain chain covered with forest, runs W. to E. through the S. portion of the island, and an isolated height, the peak of Lombok, rises in the N. to 8,000 ft. above the sea. Beveral rivers disembogue on the N., E., and W. coasts. The country is populous, fertile, and well cultivated. Rice is raised by artificial irrigation, as in the Carnatic; and abundant supplies of bullocks, logs, positry, vegetables, &c. may be obtained at the commodious port of Ampannan, on the W. coast. The commodious port of Ampannan, on the W. coast. The inhab. are Mohammedans, and more civilised than the E. islanders in general. They carry on a considerable rade with Java, Borneo, and other Makey islands. Lombok and Mataram are the chief towns; the last is the residence of the rajah, who is tributary to the sultan of Ball. (Crawfurd's Indian Archipelago; Hamilton's E. I. Gazetteer.)

LOMOND (BEN), this mountain attains to an elevation of 3,195 ft. above the level of the sea. From its vicinity to Glasgow, from which it is distant N. W. 77 m., and its position between Loche Lomond and Katrine, it is by far the best known and most frequently visited of any of the highland mountains. Its summit, which is composed of micaccous slate, mixed with quarts, commands a great extent of view. "The whole extent of Loch Lomond, with its wooded isles, appears just beneath. Loch Long, Loch Katrine, Loch Earn, and the river Cryde, form the principal waters. The mountains of Arran appear very distinct; and to the N. alps upon alps fill up the smaning view." (Perment's Tour is Bootland, its 175, ed 1750.)

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LONDON (LOCH), a lake of Scotland, between the cos. of Stirling and Dumbarton, its most southerly extremity being 63 m. N. from the town of Dumbarton. This, which is the largest of the Scotch, and, indeed, of the British lakes, is a noble sheet of water, of a triangular shape, shout 34 m. in length N.N.W. and S.S.E., and where broadest, along its S. shore, it is from 7 to 6 m. across; but its upper portion, from Rowerdinan inn, N. to Ardieseh, is comparatively narrow, being only shout 1 m. in breadth. Its area is estimated at shout \$5,000 acres: its most usual depth is about 20 fathoms; but its some places it has a depth of 80, and even of 120 fathoms. It is studded with numerous islands, some of which are of considerable size, and finely wooded. The excessery of this lake is varied and magnificent. Its N. extremity stretches into a wild, rugged, and dreary country. On the E. side Ben Lomond, one of the most stupendous of the Grampian mountains, rises from its margin; but on descending the lake, the character of the scenery changes; the mountains become less precipitous the gions between them are well wooded, and fills, with gentlemen's seats; and on the 8. It is bounded by a low, rich, fertile, and well cultivated country. Its surface level is from 3 to 5 ft. higher in winter than in summer; and it is generally about 22 ft. above the sealevel. It receives several streams, of which the Endrick, which flows into its S.E. corner, is the most considerable. Its surplus waters are conveyed away by the river Leven, which, issuing from its S. extremity, falls into the Frith of Clyde, close to Dumbarton. In summer is a tabilished on the lake for their accommodation. It may be worth while to state that the waters of this lake were violently agitated at the period of the great earthquake tishon in 1750.

LONATO, a town of Lombardy, deleg. Brescia, capdistr. on the summit of a hill, 13 m. E.S.E. Brescia. Pop. 5,600. It is walled and defended by a castle, has four churches, an hospital, a mong de pitié, cavai

LONDON (Lat. Londinium, Fr. Londres), the metropolis of the U. Kingdom of Great Britain and Ireland, and the most populous wealthy, and commercial city, of which we have any accounts, is situated partly and principally on the N. bank of the Thames, in the co. of Middlesex, and partly on its S. bank, in the co. of Surrey, about 45 m. above the river's mouth at the Nore, and 15 below the highest tideway. The site on the N. side is high and dry, but on the S. it is so low as to be under the level of the highest tides; though by a well constructed sys-tem of drainage it is kept perfectly free from wet. The subsoil is a hard clay, known to geowet. The subsoil is a hard clay, knewn to geologists by the name of London clay, lying in the middle of the great chalk basin, extending from Berkshire to the E. coast. In several places the clay is covered by thick beds of gravel lat. of St. Paul's Cathedral, 51° 50′ 48° N., long. 8′ 48° W. Greenwich. Exclusive of the city of London, properly so called, the metropolis comprises the city of Westminster, the bors. of Tower Hamlets, Southwark, Lambeth, and Marylebone, and other continuous districts, which though and other contiguous districts, which, though formerly distinct, are now combined into one vast mass of houses.

The Pop. of the Cities of London and Westminster, and of the Five Parl. Bors. comprised in the Metropolis, with the Par. of Chelsen, has been as follows, in 1801, 1831, 1831, 1831, and 1841.

Divisions.	1801.	1811.	1891	1831.	1841.
London, city of Westminster, city of Marylebone, bor Fundbury, bor. TowerHamlets, bor. Chelses, par. of Southwark, bor. Lambeth, bor.	156,859 158,210 97,642 134,616 184,568 11,604 94,813 49,886	120,909 162,085 146,966 167,130 237,487 18,262 103,763 76,806	127,454 182,085 174,354 201,751 291,650 26,860 123,663 108,561	122,863 201,842 240,294 240,294 259,123 357,246 32,371 154,117 160,613	120,702 219,950 287,465 265,043 419,730 40,179 142,620 197,412
	888,198	1,015,008	1,234,338	1,508,469	1,693,081

But, exclusive of the cities, bors., and parishes comprised in the above table, the metropolis includes Deptford, Greenwich, and sundry other districts; so that its entire population amounted, in 1841, to 1,873,676, and at present (1850) it is probably little, if at all, under 2,100,000; being

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a greater amount of population than has ever been previously accumulated in the same space. But some additional suburban districts, inc.

But some additional suburban districts, inc. Wandsworth, Clapham, Putney, the union of Lewisham, &c., have been comprised within the metropolitan district, or the bills of mortality, by the Registrar General. In this enlarged sense, the metropolis extends over an area of about 74,070 acres, and had, in 1841, a pop. of 1,950,526. The estimated pop. within the above limits in the intervening years has been —

1842	-	-	- 1,980,776	1847 -	•	- 2,139,209
1843		-	- 2,011,495	1848 -	-	- 2,172,386
1844		-	- 2,042,690		-	- 2,206,076
1845		-	- 2,074,870		-	- 2,240,289
1846	•	-	- 9 106 540 l			

London is of great antiquity. It is said by Tacitus to have been in the days of Nero, copid negotiatorum et commeatum maximà celebre. (Annal. lib. xiv. § 33.) It suffered severely in the revolt of Boadicea; but it speedily recovered from that disaster, and has always been the largest and most important of British towns. It is mainly indebted for its early and long-continued prosperity to its admirable situation. Though 45 m. from the sea, it enjoys, owing to its position on a great navigable river, all the advantages of an excellent sea-port, vessels of 800 tons burden coming up to London Bridge. Had it been built lower down, it would have been less healthy and more exposed to hostile attacks; and had it been higher up, it would have been deprived of the inestimable advantage of a deepwater harbour.

The Romans surrounded London with walls. It is probable that its limits were then commensurate with the part of the city said to be "within the walls," reaching from the end of Leadenhall Street to the top of Ludgate Hill, and from the Thames to London Wall and Little Britain. The wall appears to have inclosed it along the water as well as on the land sides. The great Roman roads called Watling Street and Ermin Street, as well as the vice vicinales, cen-

tred in London.

The continued and rapid increase of buildings render it difficult to ascertain the extent of the metropolis at any particular period. If we include in it those parts only that present a solid mass of houses, its length, from E. to W., may be taken at 6 m., and its breadth, from N. to S., at about 3½ m. There is, however, a nearly continuous line of houses from Blackwall to Chelsea, a distance of about 7 m., and from Walworth to Holloway of 4½ m. The extent of surface covered by buildings is estimated at about 16 sq. m., or above 10,000 acres, so that M. Say, the celebrated French economist, did not really indulge in hyperbole when he said, Londres n'est plus une ville: c'est une province couverte de maisons!

Notwithstanding its immense size, it is not difficult for strangers to make their way in London. The Thames runs through it lengthwise from W. to E., and most of the great lines of streets are parallel to the river, being intersected at variable distances by lines of cross streets, or of streets running N. and S. Of the former, or of the longitudinal streets parallel to the river, there are two principal lines. The most northerly of these enters London on the W. by the Bayswater Road, passing in front of the fine terraces facing the N. side of Hyde Park: It then runs along Oxford Street, about 1½ m. in length, till, after passing the S. or lower end of Tottenham court Road, it units with and is prolonged by Holborn, a wide and handsome street about 1 m. in length; whence it proceeds through Skinner

Street, and Newgate Street, till it reaches Chespaide, one of the greatest thoroughfares in the city. It next passes through the Poultry, having the Bank and the Exchange on the one hand, and the Mansion-House on the other, along Cornhill, to Leadenhall Street; from which it is continued by Whitechapel and the Mile End Road, into the country. Its entire length, from Hyde Park to the Regent's Canal, Mile End, is above 6 m.

The other great longitudinal street, to the S. of that now traced, enters London on the W. after passing through Kensington. This is by far the finest of the avenues to the metropolis. On the left Kensington Gardens appear like an On the left Kensington Gardens appear like an ormamental forest; Hyde Park gradually rises to the splendid terraces on the N., and is bordered on the E. by magnificent houses, or rather palaces; and on entering Piccadilly is the handsome approach to Hyde Park and the W. front of Apaley House, the town residence of the Duke of Wellington, decus et tutamen patria. On the light are the hold arch and gate leading to the right are the bold arch and gate leading to the Queen's Palace, surmounted by the statue of his grace; the Green Park, apparently stretching to the towers of Westminster Abbey; and a long line of splendid buildings, with the Norwood Hills in the distance. The promise of a magnificent city is not belied by an advance through Piccadilly. This, which is the first of the London streets traversed by the traveller from the W., is 1 m. in length, and is principally built only on the N. side, the other being open to the Green Park. It contains many splendid private residences, and shops. On reaching the E. end of Piccadilly, the continuous line of street divides into two main lines: one of these runs on through Coventry Street, Leicester Square, Long Acre, and Great Queen Street, till it unites with Holborn: the other line deflects to the right through the Haymarket, whence it proceeds to the E. along the line of E. Pall Mall, through Trafalgar Square, and past St. Martin's Church. till it unites with the Strand: This, though formerly in many places narrow and encum-bered, is now a magnificent street: it follows pretty closely the line of the river, from which it is not far distant; and, besides two churches in its centre, has Exeter Hall on its N., and Somerset House on its S. side. Contiguous to the latter is Wellington Street, leading to Waterloo Bridge. The Strand terminates at the ancient gate of Temple Ber, the boundary of the city on the W. The great line of street in thence prolonged through Fleet Street, at the E. end of which, on the right, is a fine street leading to Blackfriars Bridge; and on the left Farringdon Street, one of the widest in the city, which it is intended to prolong to Islington. From Fleet Street the line continues up Ludgate Hill, till it reaches St. Paul's, the noblest edifice in the kingdom.

At the E. end of St. Paul's Churchyard, the

At the E. end of St. Paul's Churchyard, the wider channel of communication joins in Chespside the grand northern line already traced, coming from Oxford Street, Holborn, &c.; but another branch of the former line runs nearer the river, through Watling Street, Eastcheap, and Tower Street, to the wide area of Tower Hill, whence it may be traced either in a straight line through Ratcliff-highway, N. of the London Docks, or close by the river along Wapping and Shadwell, where the lines again form a single street leading to the W. India Docks. The streets E. of the Tower are narrow, and lined with mean houses mostly occupied by persons connected with shipping. This line is altogether

about 6 m. in length.

Another line of street which unites with that

sent described, may be considered as beginning at Vauxhall Bridge, close to which is an open quay, an in length, commanding a view of the river and of the archiepiscopal palace of Lambeth. The line of road is, however, soon separated from the river by ranges of buildings, along which it passes, till it reaches Abingdon Street. At the termination of the latter it runs on having Westminster Abbey on the left, and the Houses of Parliament with Westminster Hall and bridge on the right: after leaving these it connects with Parliament Street, and then with the spacious street called Whitehall, in which are the Treasury, Horse Guards and Admiralty, separating it from St. James's Park on the left, and the Banqueting Hall, with other handsome mansions shutting out the view of the river. The magnificence of the buildings in this short line of street is unequalled, except by those at the W. entrance of Piccadiily, and by the terraces of the Regent's Park. Beyond Whitehall is Charing Cross and Trafalgar Square, with the Nelson monument in its centre, and the National Gallery on its N.W. side. Here the line, bending E. with the river, unites with the Strand, already noticed.

Among the principal streets running from N. to S., the 1st and most westerly is the Edgeware Road, with its continuations, Park Lane, Grosvenor Place, and Vauxhall-bridge Road, which, for the most part, bound the metropolis westward: The 2d, proceeding eastward, is the line formed of Portland Place, Regent Street, and Waterloo Place, extending between the Regent's and St. James's Parks, and forming the most splendid public thoroughfare in London, as well from the width of road as from the grandeur of the houses and shops on either side. At its S. termination is a granite column, surmounted by a bronze statue of the Duke of York, brother to George IV. A little N. of Piccadilly the line curves through the Quadrant, a handsome range of buildings. From this point it continues northward to Oxford Street, where it expands into a circus, and then, resuming its former dimensions, proceeds to the church in Langham Place: here, by a slight curve west-wards, it opens into Portland Place, a wide and well-built street, formerly a favourite residence of the foreign ambassadors, but latterly declining in the scale of fashion: Park Crescent and Park Square, opening into the Regent's Park, form an appropriate finish to the whole. The 3d great N. and S. line is a continuation southwards of the road from Hampstead: it passes along Tottenham-court Road to the E. end of Oxford Street, from which point its course may be traced through narrow streets down St. Martin's Lane to Charing Cross: but though a busy, it is an intricate thoroughfare, and is devoid of architectural interest. The other principal N. and S. lines consist of Gray's Inn Lane and Chancery Lane; Goswell Street and Aldersgate Street; and the line of street commencing at the Regent's Canal on the N., successively called Kingsland Road, Shoreditch, Norton-Folgate, Bishopsgate Street, and Grace-church Street: at the 8. termination of the latter this line passes over London Bridge, and is thence prolonged across the Borough as far as Kennington Church in Surrey: its length is about 4 m., which may be considered the breadth of London in this quarter. The portion of this line at and near London Bridge affords some of the finest points for viewing London and the scenery on the river. Exclusive of the above, there are an infinite number of cross

streets, some of which are of great importance. Among others, a spacious line has been opened from Finabury Square through Moorgate Street, Princes Street, and King William Street, to. London Bridge.

In addition to the various routes intersecting each other in different directions, a grand line of road embraces the greater part of London on the N., in a manner not unlike that in which the Boulevards encircle Paris. It commences in the Uxbridge Road, and has a N. E. course as far as King's Cross, St. Pancras, where, turning east-

ward, it ascends Pentonville hill, and entering

the City Road, terminates in Finsbury Square.

In Southwark, the great roads from the different bridges unite at the well-known posting house called the Elephant and Castle. They are generally wide and well-built streets, though, with the exception of Blackfriars Road, inferior to the principal thoroughfares N. of the river. A line of street, extending from Westminster Road to the Borough, connects these several

roads with each other.

Unlike Edinburgh and many other great towns, the houses in London are not, with the exception of those in the Temple and Inns of Court, divided into stories (Scottics "flats"); but in the vast majority of instances belong to or are hired by one individual, by whom, however, portions of them are frequently let to lodgers. They have usually a story sunk below the level of the street, comprising the kitchen and other offices, above which are usually 3 or 4, or more stories. The smaller, and by far the most numerous class of houses have narrow fronts, containing one room or shop in the front of the street floor, and that immediately above it, the stair and a smaller apartment occupying the back part; the two upper floors are frequently divided into smaller apartments. Every house has the inestimable advantage of having an abundant supply of water; and in all the better class of houses it is supplied to the top as well as to the under story. Except in the very worst parts of the town, all the refuse water and drainage of the house is conveyed by a covered drain to the sewer, or grand receptacle in the centre of the street, sunk below the line of the lateral drains. Most houses have cellars opposite to them under the street for the stowage of coal, and such like articles. No filth is ever laid down upon the streets, which have universally flagged foot-paths along each side; and notwithstanding the con-course of horses, and the grinding of the pavement by carriages, the streets are, speaking generally, extremely well kept.

Until a comparatively late period the external appearance of the houses of London was little in harmony with the wealth of their occupiers, and the richness of their interiors. Internal comfort was long the only, as it still is (and it is to be hoped will long continue to be) the grand object of the Londoner. Provided his house were clean, commodious, and well and handsomely furnished, he cared little about its outside. Hence it was that the interminable rows of dull-looking brick houses, erected with little or no regard to uniformity, led strangers to remark that the best streets resembled long walls pierced with holes for doors and windows. Even Bond Street was said, in 1810, by an intelligent foreigner, to be "an ugly inconvenient street, the attractions of which it is difficult to understand." But the same author (\$\mathcal{E}\math

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of the abominable filth of the common entrance and common stairs of a French house, here you step from the very street on a neat floorcloth or carpet, the wall painted or papered, a lamp in its glass ball hanging from the ceiling, and every spartment in the same style. All is neat,

compact, and independent.'

with the exception, indeed, of St. Paul's, Westminster Abbey, Somerset House, and a few more churches and public buildings, London displayed, till within the last few years, little architectural elegance. In our own times, however, the erection of magnificent ranges of buildings in avery direction has made of buildings, in every direction, has made our metropolis as superior to most capitals our metropolis as superior to most capitan-in appearance, as it has long been in wealth, cleanliness, and comfort. The line of Regent Street has been already mentioned, to which may be added the Regent's Park, "affording may be added the Regent's Park, "affording a landscape bounded by hills, and more than half surrounded by a large circuit of buildings, worthy the capital of the world." Belgrave and Eaton Squares, and the adjoining streets and squares on the estate of the Marquis of Westminster, with the terraces in Carlton Gardens, have all been raised within the last 30 years, and are probably unequalled for symmetry and magnificence. Within a still shorter space a splendid city has been built on the elevated ground on the N. side of Hyde Park. And these, with the new buildings in Pall Mall, St. James's Street, &c., render the W. end of London a residence worthy the wealthiest aristocracy in the world. But the improvements effected of late years in the city, or oldest part of the town, have been equally great and striking. The new streets that lead from the Bank to London Bridge on the one hand, and to Moorfields on the other, are on a grand scale; and when it is borne in mind that the ground which they traverse was previously occupied by a dense mass of houses which had to be purchased at a high price, it will be seen that they do as much credit to the public spirit as to the taste of the citizens. Four new and noble bridges over the Thames form no small addition to the improvements of the last forty years. Although, therefore, it cannot be said of George IV. and William IV., that, like Augustus, they found a capital of brick, and left one of marble, it must be admitted that during their reigns an extraordinary impulse was given to city architecture and embel-lishment: And this impulse still continues, and bids fair to render the reign of Queen Victoria yet more memorable in the annals of civic improvement.

The houses of London, with very few exceptions, are built of brick. But within the la-t few years those in the principal streets have been mostly plastered or stuccoed over, and their fronts made so exactly to imitate the finest freestone, that it is sometimes no easy matter to distinguish between them. This mematter to distinguish between them. thod of dressing up houses has contributed most materially to the improved appearance of the town. Those indeed, who have been accustomed to stone structures, are apt to associate ideas of insecurity and of rapid decay with stuccoed fabrics; but, provided the walls be well built, and the plaster be kept in repair by occasional printing, stuccoed houses are, in fact, all but imperishable. The cheapness of stucco, too, allows it to be applied to the inferior class of houses; while, from the facility with which it may be moulded, it permits an elaborateness of ornament that could not be executed in stone at

many times the cost. Belgrave Square, and the magnificent terraces of Carlton Gardens, Hyde Park, &c., owe most part of their elegance to the judicious application of stucco.

The insides, as well as the outsides, of the houses have been greatly improved within the last 30 or 40 years; those now and lately built being far more conveniently constructed than formerly, and better suited to the accommo-dation, the comfort, and the health of their in-

It is frequently both a difficult and a dangerous matter to get across a crowded street, or one much frequented by carriages. This difficulty has, however, been in some parts a good deal lessened by constructing raised landing-places in the middle of the streets, protected by pillars and lamps, to which passengers may resort. But though these conveniences do not cause any sensible obstruction to carriages, their supply is scanty in the extreme; there not being, in fact, one where there should be ten.

It is much to be regretted that the Thames, which from its breadth and depth might be the

greatest ornament of the city, as well as the principal source of its wealth and prosperity, is so closely pent up by wharfs, warehouses, and other buildings, that it is almost shut out from the view, except where it is crossed by bridges. It is, however, fronted by the Custom house and Somerset house, the Adelphi Terrace, and by the Temple Gardens, and some private houses in Whitehall. But the most magnificent views of the river, and, indeed, in some respects, of the city, are obtained from the bridges.

the city, are obtained from the bridges.

Divisions.—The most popular division of London is into three parts: the city, the west end, and the borough; Temple Bar dividing the city from the west end, and the triver separating both these portions from the borough. This division is necessarily vague, and, for specific purposes, different divisions are made. The city of London, strictly considered, is situated nearly in the centre of the metropolis, and is the seat of commerce on the largest cale. The city of Westminster, W. of the city of London, contains the royal palaces, the houses of parl, the law courts, most of the public offices, and the town residences of hearly all the nobility and aristocracy. The cities of London and Westminster, however, do not comprise above an eighth part of the area, or a fourth part of the pop., of the whole of what may be considered the metropolis. For parliamentary elections, the metropolis is divided into 7 districts: the cities of London and Westminster, as above stated; the borough of Finsbury, N. of the city of London; the Tower Hamleta, B. of Westminster; and 3 districts S. of the river, Southwark on the E., and Lambeth on the W. side.

The area of the city of London, which comprises only a small portion of the metropolis, is roughly estimated at about 870 acres. Its boundary line leaving the Thames at Temple Lane, passes northwards, crossing Floet Street at Temple Bar, and Holborn at "Holborn Bars." Turning eastward, it thence take an undulating course, inclosing Smithfield, Finsbury Circus, and Bishopsgate Street S.

at Temple Lane, passes northwards, crossing Fleet Street at Temple Bar, and Holborn at "Holborn Bars." Turning eastward, it thence takes an undulating course, inclosing Smithfield, Finabury Circus, and Bishopagate Street S. of Spittal Square. It thence passess S.E. through Petticoat Lane, to Aldgate, from which point the boundary, pursuing a S.S.W. course, reaches the Thames by a very irregular line, excluding the Tower. The city is divided into 108 parishes, of which 97 are said to be "within," and 11 "without "the walls. This division is now merely nominal, the ancient city boundary having long disappeared, although the city gates, where the walls passed the great thoroughfares, were standing in the last half of the 18th century.

The E. boundary of the city of Westminster coincides with the W. boundary of London at the Thames and Temple; it thence runs N.W. to the junction of Totten-ham-court-road and Oxford Street. The latter street constitutes the whole N. boundary as far as the W. extremity at Kensington Gardens. From this point a very irregular line, running to Chelsea Hospital, forms the W. boundary. It then turns to the S.W. along the Serpentine river, on leaving which it goes S. until it reaches the Thames near Chelsea Hospital.

The Swe metropolitan boroughs, being parliamentary only, and not municipal, need not be minutely described. Marylebone includes the three parlishes of Marylebone,

Paddington, and M. Paneras; Finebury comprises nine parishes, and the Rolle 'liberty; and the Tower Hamlets includes fifteen; Southwark embraces not only the mu-nicipal borough, but the parishes of Bermondsey and Rotherhithe; and Lambeth comprises Camberweil and Newington, as well as the parish of its own name.

Parks, Squares, &c. - The W. end of the town is beautified and rendered healthy by four extensive parks, appropriately called the lungs of Lon-They are open to the public; and, though each has a different character, they all afford ample scope for recreation and exercise. Hyde Park (once the manor of Hyde, and belonging to the Abbey of Westminster), lying W. of Piccadilly and Oxford Street, and between the roads leading therefrom, contains about 400 acres, and has a large and deep artificial lake, crossed by a hand-some bridge of five arches. This lake, which is slightly bent, is, by an abourd misnomer, called the Serpentine river. The whole of this park was, till lately, an open field, dotted with trees, and traversed by carriage-ways, which, in fine weather, during the season, are crowded with gay and fashionable equipages. But a portion of it on the S. W. side of the Serpentine river has, within this short time, been taken off for the extraordinary fabric of iron and glass that is now being erected for the Grand Exhibition of next year. This fabric, which is to cover several acres of land, will be one of the principal "lions" of the metropolis. It is not yet, we believe, determined whether it is to be pulled down when the exhibition is over; but if not, the encroachment on the park will, we appre-hend, go far to balance much of the advantage of which the exhibition may be productive. Ken-sington Gardens, lying W. of Hyde Park, and separated from it by a trench and wall, are open to the public. They are extensive, and are finely wooded. St. James's Park, between the Horse Guards and Buckingham Palace, is less than a fourth part of Hyde Park, and not so open; its site being low, damp, and marshy. Within these few years, however, the central part has been tastefully laid out, and what was a dirty straight canal, running through a marsh, has been converted into a varied sheet of water, interspersed with islands affording a secure retreat to numerous aquatic birds, and surrounded by lawns, shrubberies, and trees. The avenues on the N. side of this park are open to all pedestrians, but only to the horses and carriages of some privileged mem-bers of the aristocracy. The S. drive is open to all private and hackney carriages. The Green Park, a triangular piece of ground, about as large as St. James's, from which it gradually rises to as St. James s, from which it gradually rises to Piccadilly, is open, well aired, and forms a sort of miniature Hyde Park. Along its E. margin are some of the most splendid houses in the metropolis, inc. those of Earl Spencer, the Duke of Sutherland, and the Earl of Ellemere. The latter, in the Palladian style, is a noble palace, and will, when finished, be the most magnificent private residence in I condon residence in London.

The Regent's Park, which is nearly as large as Hyde Park, with an equally varied surface, was formed during the regency in the latter years of the reign of George III. It is sit. N. of Portland the reign of George III. It is sit. N. of Portland Place, on high ground, surrounded by elegant buildings. But it has a clay subsoil, is wet, and badly drained. Neither is it, what it professes to be, a place wholly appropriated to the accommodation and recreation of the public: on the contrary, the public is shut out from a considerable portion of its extent, and some even of its finest parts have been let to individuals who have built villas upon them! This is a gross abuse of the public property: and it is astonishing that it should have been showed to be perpetrated, almost without

notice. The gardens of the Zoological Society are situated on the N. side of this park; and the central portion is occupied by the garden of the Botanical Society.

A portion of the advantages so long enjoyed by the W. end of the town in the possession of its four parks, has latterly been conferred on the E. parts of the city, where Victoria Park has recently been opened to the public. It comprises about 800 acres of land, which were bought by and laid out at the expense of government. It is much frequented by the adjoining pop., especially on Sundays. It is situated a little to the N. E. of Bethnal Green. Another new park is, also, about to be opened in Battersea Fields, W. from Lambeth. On the E. side of the Regent's Park, near Park

Square, is the large building inaptly styled the Colosseum. It is a 16-sided polygonal structure, with a magnificent portico and cupola. It is principally used for the exhibition of panoramic views on a large scale; but it has, also, a spacious room for the exhibition of sculpture, with the trumpery

of grottoes, a Swiss cottage, &c.

The squares of London are pretty numerous in all parts, but the largest and handsomest are in the W. end. In many, the houses are on a grand scale, and the central gardens well laid out. Grosvenor, Berkeley, and Hanover Squares, which lie between Oxford Street and Piccadilly, were formerly, and still are, favourite resorts of the aristocrave. formerly, and suil are, involution resorts of the aristocracy. Perhaps, however, Belgrave Square, in Pimlico, with the surrounding streets and squares, and Carlton Terrace, may at present be the most fashionable quarters. St. James's Square, between Piccadilly and Pall Mall, and Cavendish, Portman, and Manchester Squares, on the N. side of Oxford street, are mostly occupied by persons of distinction. Trafalgar Square has two fountains; but they are the reverse of ornamental. Further E. are Russell and Bedford Squares, and a cluster of squares to the N. of these, chiefly occupied by merchants and tradesmen. Lincoln's Inn Fields, S. of Holborn, is a large and well built square, and its enclosure is more tastefully laid out than any other in the metropolis. Finsbury Square lies N. of the city, and near it is Finsbury Circus. Other squares, formed of good houses, are to be found in all parts of the town and neighbourhood.

Statues and Public Monuments. - Several of the best squares are decorated with statues; among which may be remarked those of Charles II., William III., Anne, and George I. in Soho, St. James's, Queen's, and Leicester Squares; that of George I. in Grosvenor Square; of William, Duke of Cumberland, in Cavendish Square; of Pitt, by Chantrey, in Hanover Square; of Fox, by Westmacott, in Bloomsbury Square; of the Duke of Bedford, by the same acculator in Russell. Duke of Bedford, by the same sculptor, in Russell Square; and of George IV., by Chantrey, in Tra-falgar Square. Other statues are placed in different parts of the metropolis, among which are the equestrian statue of Charles I., by Le Soeur, at Charing Cross; of James II., by Gibbons, behind Whitehall; of Anne, by Bird, in front of St. Paul's; of George III., by Wyatt, Pall Mall; of the late Duke of Kent, in Park Crossent; of William Value of Kent, in Park Crossent; of William St. 198 LONDON.

cannon captured by the Duke of Wellington, in whose honour it was erected, and to whom it is inscribed, by the ladies of England! But with all due deference, it is not easy to imagine any thing more abourd. What has the Duke of Wellington, by far the most illustrious Englishman of his age, in common with a colossal gladiator, that a statue of the latter should be erected in his honour?

The Monument on Fish Street Hill, built in 1671-77, to commemorate the burning of London, is a fluted Doric column, 202 ft. in height, designed by Sir Christopher Wren. The pedestal is decorated by a representation, in relief, of the destruction of the city, sculptured by Cibber: at the top of the column is a gallery affording a view of the E part of the metropolis, and on the summit is a zing urn, recently regilt. It is a noble column, and had it been better situated would have been one of the greatest ornaments of the city. A short English inscription on the pedestal ascribed, without the slightest foundation, the conflagration it is designed to commemorate to the treachery and malice of a Popish faction. Pope alluded to this when he says,

Where Lendon's column pointing to the skies, Like a tall bully, lifts the head and lies."

But, in 1830, this offensive inscription was obliterated, in pursuance of a resolution of the Court of Common Council.

The York Column is a plain Doric pillar of granite, surmounted by a bronze colossal statue of the Duke of York. The height of the column is 124 ft., and above the capital is an iron gallery, from which a good view is obtained of the W. end from which a good view is obtained of the of the town. This column, erected in 1838, is situated on the N. side of St. James's Park, at the lower end of Waterloo Place.

A fluted Corinthian column, with a capital of cast metal, has been erected in Trafalgar Square in honour of Nelson. It is surmounted by a statue in stone of the hero; and on its pedestal are some spirited sculptures in alto ribero, in bronze, representing his death, and some of the most striking events of his life. It is 176 ft. 6 in. high from the base to the top of the statue; but,

on the whole, it has a poor effect.

Bridges.—The Thames, which, in its course through London, has a medium width of about 1000 ft., is crossed by 6 bridges for carriages, &c., and by a bridge for foot passengers only, built at an aggregate expense of above 5,000,000L A wooden structure had been thrown across the river early in the 11th century; but the frequent and costly repairs indispensable for its maintenance led to the construction of one of more durable materials. A stone bridge, of pointed architecture, was completed in 1209, which, by means of occasional renovations, was kept standing till 1834. Down to the middle of last century, this was the only bridge between London and South-wark. The great inconvenience of a circuitous journey from the west end of the town to the city before the river could be crossed by carriages, induced parliament, in 1738, to make a grant for the erection of Westminster Bridge at the court-end of the metropolis. Blackfriars Bridge (intended by its projectors to have been called Pitt Bridge, in honour of the first great statesman of the name of Pitt), was built about 20 years after, the ex-pense of its construction being defrayed by a toll exacted during 19 years. Westminster and Black-friars Bridges were built of Portland stone, which, being too soft to resist the constant attrition of the water, and of the ice of winter, their piers were so much worn as to threaten their entire destruction: latterly, however, the piers of Black-

friars Bridge have been cased with granite, and ft has been otherwise repaired at a heavy expense. Considerable progress has, also, been made in the repair of Westminster Bridge; and it is probable that it would ere now have been completely renovated, had it not been latterly proposed to take it down because, being in the immediate neighbourhood of the new Houses of Parliament, its height does not harmonise with their low elevation ! The bridges erected within the present century have completed the connection between all the important districts on both sides the river. Two of these, Vauxhall and Southwark Bridges, have iron arches. The latter, the most splendid structure of its kind hitherto erected, has only three arches, the span of that in the centre being 240 ft., and the weight of metal in it 1,665 tons! Waterloo Bridge, which Canova said was "worth a visit from the remotest corner of the earth," is of gra-nite, and has 9 elliptical arches, each 120 ft. in width. It was built by a joint stock company; but owing to the want of any great thoroughfare leading to or from it, and to the influence of the toll on the passengers and carriages that cross the river by its means, it is little frequented, and has been most unprofitable. The demoli-tion of old London Bridge was owing less to its decayed state than to the defects of its construction. The piers and starlings between its numerous arches (21 at the period of its re-moval) occupied so large a portion of the waterway as to obstruct the course of the water both during the flow and ebb of the tide, especially the latter. At low ebb, indeed, there was a difference of nearly 5 ft. between the level of the water on the upper and lower sides of the bridge. This, by occasioning a dangerous fall and eddy in the water for a considerable time both before and after low water, interrupted the navigation, and occasioned every now and then fatal accidents. At length it was determined to abate the nui-sance, by pulling down the old bridge, and erect-ing in its stead a new structure with arches of such a size as not sensibly to affect the flow of the river. New London Bridge, like the Southwark and Waterloo Bridges, was planned by the late John Rennie. It is built of granite, the span of the centre arch being 150 ft.; and whether we consider its magnitude, or the beauty and simplicity of its structure, it is certainly a noble specimen of bridge architecture. The heavy expense of this fabric has been partly defraved by a duty on all coal brought into the pool, and partly from the revenues of property appropriated for the support of "London Bridge."

The following table comprises a statement of

the principal particulars connected with the dif-ferent carriage bridges belonging to the city. (Leeds on the Public Edifices of London, ii. 402.)

Name.	Date of Completion.	Cost.	No. of Arches.	Length.	Breadth.	Spen of Central Arch.
London Bridge Southwark — Blackfriers — Waterloo — Waterloster — Vauxhall —	1831 1819 1770 1817 1751 1814	£. 2,000,000 800,000 960,000 1,150,000 389,500 280,000	9	990 ft. 700 1,000 1,326 1,066 809	55 ft. 42 42 42 42 45 56	150ft. 240 100 120 76 78

The Hungerford Suspension Bridge for foot pasongers, between Westminster and Blackfriars Bridges, was opened in 1845. This handsome and convenient structure is supported by two towers in the river.

The Tunnel, which, unlike the bridges, passes

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sader and not over the Thames, effects a connection between its banks nearly 2 m. below London Bridge. The erection of a bridge in the centre of the port was of course impracticable, and the mode of uniting the two shores, without injury to the shipping interest, was long a difficult problem for engineers. It was at length solved by Bir I. Brunel, who designed and completed the tunnel. It consists of a hollow brick cylinder, or tabe, subdivided into two road-ways, each 15 ft. high and 12 ft. broad. Notwithstanding the danger attending the execution of the work, owing to the perpetual ozzing through and occasional bursting m of the river, the loss of life during the 15 years it occupied was very inconsiderable. But it has hitherto been a most unprofitable speculation; and how curious soever in other respects, we incline to think that the tunnel never will be of much practical utility. The difficulty of the desent will always be a formidable obstacle to its extensive use. It was begun by a private company, but it could not have been completed without the aid of grants from the public.

out the aid of grants from the public.

Palaces and Houses of Parl.—St. James's, at the W. end of Pall Mall, is an irregular mean-looking brick building, totally unworthy the name of palace: it was erected by Henry VIII., on the site of an hospital for female lepers, which existed in the 11th century. The interior, however, is handsomely fitted up, and it is well adapted for court levées and drawing-rooms, which are mostly held in it. The chapel attached to this edifice is

that used for the ancient hospital.

Buckingham Palace, at the W. end of St. James's Park, occupies the site of Arlington House, pulled down by John Sheffield, Duke of Bucking-ham, who erected in its stead a plain, respectable mansion. Having been purchased by George III. in 1762, it became the favourite abode of Queen Charlotte. Under George IV., whose rage for building was as decided as his taste was equivocal, Buckingham House was entirely rebuilt; and became, in 1887, the town-residence of the Queen. Till recently the principal front to the E. consisted of three sides of a square, a marble arch (a miniature imitation of that of Constantine at Rome) being a little in advance of its narrow projecting wings. But this arch, which did not har-monise with the rest of the building, and was, at the same time, mean and paltry, has been removed in the course of the present year (1850). A new Eastern front has, also, been given to the building, which is now quadrangular. This new portion is of great magnitude; and though, perhaps, some of its details may be objected to, it is, on the whole, an imposing structure, and makes an important addition to the palace. The spartments in it are more lofty than those in the other portions of the building, and are better fitted for state-display. The garden façade, an elevation of the Corinthian order on a rustic basement, is the best part of the palace built by George IV. The gallery, about 160 ft. in length, contains some good pictures. Except in the new front, the rooms in the basement story are low, and some of them, with the greater number of the corridors and passages, are badly lighted.

The situation of this palace is not favourable. It is closely hemmed in on the S. side by inferior houses; while, on the W. side, the grounds are overlooked by the houses in Grosvenor Place. Improvements are now being made between the new front and St. James's Park, which, certainly, were much needed. Hitherto, the road in front of the palace, and along the mall, not being paved,

but covered with a compound of gravel and clay, became in wet weather a mere puddle.

The old Houses of Parliament stood upon ground formerly occupied by the palace of Westminster. Their appearance was far from imposing; but a their appearance was lar from imposing; out a certain degree of antiquated splendour, the associations connected with their history, and the importance of the purposes to which they were appropriated, made them respectable in the eyes of Englishmen. They were, however, wholly debrilding, which it was supposed would be one of the noblest ernaments of the metropolia, has for some years past been in the course of being erected on the same spot by Mr. Barry. It has a river front 900 ft. in length, and several towers, that at Front you it. in length, and several lowers, that as the S.W. angle, over the royal entrance, in the perpendicular English style, being intended to be 346 ft. high. It would, perhaps, be going too far to say that the expectations that were originally formed of this building bid fair to be wholly disappointed. But, in so far as it may be judged by its present appearance, we cannot help agreeing in great part with those who think that both externally and internally it will be an all but com-plete failure. Its site is too low, but this defect might easily have been obviated by artificial The elevation, also, of the greater part of means the building is too low; and this is made the more obvious by contrast with the grand tower, which is to be of an extraordinary altitude. It is, also, overlaid with an endless profusion of minute ornaments, which detract from its simplicity, appear paltry, and are good for nothing, but to catch soot and smoke, and to form convenient receptacles for swallows' nests. The passages inside, being in the last degree complicated, are more like the mazes in a labyrinth than the corridors in a palace. The new House of Lords is as gorgeous and meretricious as gilding and painting can make it; and the new House of Commons is said to have all the faults such a building can have. It is of little consequence who is really responsible for all this. But it is much to be regretted that the opportunity, so unlikely to recur, of raising a structure worthy of the legislature of a great nation, has been thus thrown away; and that the enormous expense that has been, and will yet have to be, incurred in completing the present fabric, should not have been expended on some worthier

building.

The Government Offices, inc. the Treasury, Home Office, and Board of Trade, on the W. side of Whitehall, have recently been much improved by the erection of a uniform and handsome palatial front. The Board of Control has an Ionic portice, but is, otherwise, a plain building. The Ordnance and Admiralty offices make no pretensions to display; and the "Horse Guards," which does pretend to it, is in very bad taste. Many of the public offices are in Somerset House, once a palace, occupied by Edward VI. and Elizabeth. The old building was taken down in 1775; and the present quadrangular structure, designed by Sir William Chambers, was completed in 1782, and distributed into government offices. The street front is only 200 ft. in length, but that facing the river is 800 ft. in length, and is one of the noblest elevations in London. An eastern wing was added by King's College, in 1880, in completion of the architect's

On the river's bank, in the E. part of the city, is the Tower,

This rude fortress, about 1 m. below London Bridge, was begun by William the Conqueror in 1078. The

^{*} It is now being rebuilt at Cumberland Gate, Hyde Park.

[&]quot; With many a foul and midnight murder fed."

original building, now called the White Tower, to 888,948L, and in 1848 to 876,851L. The post-was completed in 1098. Additions were made by office revenue of Liverpool, which is next to that Henry III. in 1240, by Edward IV. in 1465, and the whole was substantially repaired by Charles II. in 1668. The Grand Storehouse, a large building N. of the White Tower, begun by James II., and completed by William III., was burned down in 1841, when about 280,000 stand of myskets and small stress were destroyed. On in all 550, but under the new cooleristical are of muskets and small arms were destroyed. the site of this Storehouse a large semi-Gothic structure, called the Wellington barracks, and serving partly as such, and partly as an armoury, &c., has been erected. It is fire proof, and is constructed so that it could not easily be taken, unless artillery were employed against it. The Tower was a royal palace during more than five centuries. It was long, also, and still in fact is, a state prison; and several royal personages, and some of our highest nobles, and most distinguished commoners, have perished in this edifice, some by the hands of public executioners, and some by the dagger and howle of the arms. and some by the dagger and bowl of the assassin. It anciently contained several detached masses of building, most of which have now disappeared. The original tower, now called the White Tower, still remains the principal edifice. The Martin Tower is now called the Jewel Tower. The Lantern Tower, the Royal Palace, and the Mint, have been pulled down. Of the remainder of the old building vestiges may be traced under altered names. The present edifices consist, ex. the barracks, already referred to, of the church of St. Peter, the ordnance office, the record office, the jewel office, armories, &c. The whole is surrounded by a moat, filled with water from the Thames, and the outer bank has been recently turned into pleasure grounds. The Tower is open to visitors, who pay 6d to see the armories, and a similar sum to inspect the regalia. The ménagerie. formerly the best in England, having been super-seded by that belonging to the Zoological Society in

the Regent's Park, was dispersed some years ago.

The Mint, formerly in the Tower, but now on
Tower Hill, is a stone building of Greek architecture, consisting of a centre and wings. The work-shops and offices occupy about 8,000 square yards, and the machinery for coining is complete and efficient. The selection and remuneration of the officers and workmen is in some respects anomalous, and will, probably, be soon changed. The money coined in 1847 consisted of 5,158,440l in gold, 125,780l in silver, and 8,960l in copper. The gold is computed at the Mint price of 8i, 17s. 101d. per os. troy, or 46.7 sovs. to the lb. troy; the silver at 5s. 6d. per oz., or 66s. to the lb. troy; and the copper at 224l. per ton, or 24 pence to the lb.

Post-Office. - The Post-Office, in the centre of the metropolis, near St. Paul's, a large, handsome building, completed in 1829, of Portland stone, is 890 ft. in length, 180 ft. in width, and 64 ft. high. The façade has three Ionic porticoes, over the central and largest of which is a plain ediment. Within this portico is the great hall, 80 ft. by 64 ft., divided into three compartments by rows of Ionic columns on granite pedestals: pas-

sages lead from it to the principal offices.

The business transacted in this building, embracing as it does the internal correspondence of this immense city, and its external correspondence with all parts of the U. Kingdom and of the world, is necessarily of vast extent; and is conducted with a degree of dispatch, regularity, and accuracy, that is quite extraordinary. There are about 200 houses for receiving letters within what is called the "town district" of the metropolis. The postage collected in London amounted in 1847

comprised 199 parishes in Middlesex, 398 in Essex, 56 in Hertfordshire, and 4 in Buckinghamshire, in all 650; but under the new ecclesiastical arrangements it comprises all the parishes of Middlerangements it comprises all the parishes of Middle-sex, 23 in Surrey, 10 in Essex, and 9 in Kent, making a total of 241 parishes, and 318 benefices. The nett revenue of the diocese, at an average of the three years ending with 1831, was 18,9292 per canum, and owing to the building that has been and is now going on upon the bishop's estate, it will, at no distant period, amount to three or four times that sum; but on the death of the present incumbent, the income of the see is to be fixed at 10,000L a year nett. There are in the city of London 118 parishes, of which 97 are within the walls, and 16 in the liberties: the 97 parishes are very small, and only 57 of them have churches; those belonging to the others either having been burned down at the great fire of 1666, and not rebuilt, or been since removed to make room for improvements. Some additional churches have been built in the liberties, making the whole number now in the city 75. Westminster contains 10 parishes, 4 of which were formed early in the last century, in consequence of the great increase of pop. at the W. end of the town, and 1 recently; 2 only of these parishes, St. Margaret's and St. John's, are considered to form the city of Westminster, the other 8 being denominated the liber-ties. Westminster was erected into a bishopric by Hen. VIII. in 1541, when the whole of Middlesex, exclusive of the city of London and the parish of Fulham, was assigned as its diocese; but this bishopric existed only nine years, at the expiration of which the ecclesiastical government reverted to its former channel. Within the present century, sundry district churches have been built. According to what appears to be an authentic statement, there are at present about 160 churches in the metropolis, exclusive of those in the city, or 286 in all: and to those have to be added about 85 episcopal chapels. It is needless, perhaps, to add that in addition to the churches and chapels belonging to the establishment, there are immense numbers of other places of worship in London. In it almost every class of religionists has its representatives, and its chapels. And some of these, as the Methodists, R. Catholics, Baptists, Unitarians, Foreign Protestants, Scotch Presbyterians, Jews, &c. are very numerous. The entire number of chapels, &c., belonging to dissen-ters, that is, to all parties not in communion with the Church of England, amounts to about

St. Paul's, the cathedral church of London, is not only the great architectural glory of the metropolis, but of the empire. It stands in an elevated situation at the top of Ludgate Hill, on the site of the former cathedral, destroyed during the great fire of 1666. Its founda-tions were laid on the 21st of June, 1675; and Sir Christopher Wren, by whom it was designed, and under whose directions the work was carried on, lived to complete the stupendous edifice, the last stone of which was laid by his son in 1710. It is built in the form of a Latin cross, with an additional arm or transept at the W. end to give breadth to the front, and has a semicircular projection at the E. end for the altar, and semicircular porticos at either end of the transept. It is 510 ft. in length, E. to W., the

length of the cross, exclusive of the circular porticoes, is 250 ft., the breadth of the W. fac with the turrets, 180 ft., and the height of the walls 110 ft. An immense dome, or cupola, rising over the centre, is surmounted by a lantern, ball, and cross, the latter being elevated 362 ft. above the level of the floor, and 370 feet above the pavement of the churchyard. The two turrets, or belfries, in the W. front, are each 222 ft. in height. The walls are decorated by two stories of coupled pilasters arranged at regular distances, those below being of the Corinthian and those above of the Composite order. The whole building is of Portland stone; and the excellence of its foundations, and the massive solidity of its walls and piers, warrant the inference that it will be as lasting as it is magnificent.

St. Paul's, it is frequently said, is copied, or at least closely imitated, from St. Peter's at Rome; and to some extent this is true. But it is a copy that bears the impress of transcendent genius; and may be said to be to St. Peter's what the Æneid is to the Iliad and Odyssey. The fronts of both cathedrals are the parts, perhaps, in which they are most deficient; but in neither instance was the architect allowed to follow out his own conceptions. Bramante and Michael Angelo wished to have the portico of St. Peter's formed on the plan of the Pantheon, and Wren was obliged to modify his masterly designs so as to make them acceptable to those to whom he was obliged to defer. The belfries of St. Paul's give it a character very different from that of St. Peter's. Neither is the dome of the latter so spherical as that of the British cathedral, nor is it so striking a feature of the building, being placed so far behind the lofty façade as to be almost invisible to a person standing near the edifice. But in the vastness of its proportions St. Peter's as far exceeds St. Paul's as the latter does the largest of the English churches. Perhaps, also, it is superior to St. Paul's in the harmony of its parts; the dome, though so grand a feature in the latter, being, it is very generally admitted, too large for the other parts of the building. But the English cathedral is, though longo intervallo, second only to St. Peter's; and is unquestionably the noblest of transalpine and of Protestant

The interior of St. Paul's is chaste and imposing; but, owing to the want of ornament, it has rather a naked and sustere appearance. Latterly it has been attempted to obviate this defect by placing within the cathedral monudefect by placing within the catheuras monu-ments erected at the public expense to eminent individuals, among whom may be specified Mar-quis Cornwallis, Earl St. Vincent, Lord Nelson, Abercrombie, Earl Howe, Howard the philan-thropist, Dr. Johnson, Sir William Jones, Sir Joshua Reynolds, &c. But these, with few exceptions, do no credit either to the artists or the country, and are totally unworthy of the temple

which they only encumber.

The remains of Sir Christopher Wren are de posited in one of the vaults of the cathedral; and before the entrance to the choir is the following appropriate inscription to his memory:

SUBTUS. CONDITUR. HUJUS. ECCLESIAS. ET. URBIS. CONDITOR. CHRISTOPHORUS WREN. QUI. VIRIT. ANNOS. ULTRA. NONAGINTA. NON. SISI. SED.

BONO. PUBLICO, LECTOR. SI. MONUMENTUM. REQUIRES.
CIRCUMSPICE.

OBIST. XXV. FEB. ANNO, MDCCXXIII. #TAT. 91.

Individuals ascend by an inside stair to the stone gallery which surrounds the exterior gal-lery above the colonnade; and by a more diffi-

cult ascent they reach the Golden Gallery, which crowns the apex of the dome, at the base of the The view from this latter point, on a lantern. clear day, is unrivalled. The entire metropolis, vast as it is, appears to be spread out at the spectator's feet. The broad and silvery at the spectator's feet. The broad and silvery line of the river, crossed by numerous bridges, and bearing on its bosom thousands of vessels, gives infinite grandeur and variety to the scene. At this height, the people, horses, and carriages in the streets, and every thing else on the sur-face, appear so greatly diminished, that the bustle of the crowd has been, not inapily, compared to that of a swarm of emmets. Owing to the usual density of the smoke, this splendid view is sel-dom seen in perfection. It appears to the dom seen in perfection. It appears to the greatest advantage early in a clear summer morning, before the fires are lighted.

The more adventurous visitors not only ascend to the top of the cupola, but enter the lantern, and thence make their way into the copper ball by which it is crowned. The diameter of the

latter is 6 ft. 2 in.

The whole cost of this noble structure amounted to only 747,954L, less than a fourth part of the sum that will probably be required to complete the new Houses of Parliament! It was, as has been often remarked, finished in 85 years, under the superintendence of one architect, by one master mason (Mr. Strong), and during the incumbency of one Bishop of London (Dr. Henry Compton). St. Peter's, on the contrary, was 145 years in building, during which time no fewer than 12 architects were employed upon it, and 19 popes sat in the papal chair! (See Brayley's Account of St. Paul's, in the Survey of London and Middleser, ii. 249-310.; Aikin's Essay on St. Paul's; British's Account of St. Paul's; Elme's Life of Sir Christopher Wren, &c.) It is greatly to be regretted that St. Paul's is so

much hemmed in by the surrounding buildings. The view of the grand façade, with the dome rising above it, from the E. end of Ludgate Street, is, however, uncommonly fine; and a good view of a portion of the building is now obtained from the opening made at the S. end of the new Postoffice. The dome appears to great advantage from the bridges and the river; and is seen at a great distance from all parts of the surrounding country, towering above the smoke by which the

city is generally enveloped.

The effect of the smoke on the structure is not a little curious. In the parts protected from the weather it adheres, and the building has, in consequence, a black and sooty appearance; while, on the other hand, the parts exposed to the weather seem bleached or whitened. But this sort of pie-bald aspect has not the bad effect that might à priori be expected.

Westminster Abbey, which, next to St. Paul's, is the noblest ecclesiastical edifics in London, dates from the 18th century, though portions of the edifice, erected by Edward the Confessor, may still form part of the building. Great additions were made to it by Henry VII., who built the splendid chapel that still bears his name; and at the beginning of the last century the two towers of the W. front were added, from designs furnished by Sir Christopher Wren. In 1808 a considerable part of the building was destroyed by fire; but it has since been completely repaired, and Henry VIIth's chapel renovated in its original style. It is 360 ft. in length, and 195 wide, within the walls. Though built at many different times between the reigns of Henry III. and Henry VII., and never quite completed, it offers one of the best specimens of the pointed style in Eng-

of which, externally at least, at the E. end, is almost obliterated by 12 minor chapels, of which that of Henry VIL is the largest and finest. The great variety of the abbey renders any thing like a general description impossible. The N. side, with its beautiful gate, may be considered the principal front; but the view is much injured by the interference of St. Margaret's church, which ought to be removed. It presents a line of ornamental turreted buttresses and pointed windows, with a fanciful sculptured porch, decorated with immense flying buttresses, lofty pinnedles, and a large wheel window 32 ft. in diameter. The most striking view of the interior is from the W. entrance, where the lofty pointed aisles, clustered columns, rich tracery work, and monumental decorations, judiciously lighted by painted windows, present a harmonious effect well calculated to arrest the attention of the most insensible. Many of the most illustrious of the statesmen, orators, warriors, philosophers, divines, poets, and distinguished individuals of all sorts, celebrated in the annals of the empire, are buried within its precincts; and their monuments, which are distributed all over the Abbey, give it the highest interest, and deeply impress the mind with feelings of awe and veneration. Since its restoration, in 1820, Henry VIIth's chapel has formed the most beautiful of the subordinate portions of the Abbey: it is universally considered a gem, and is, undoubtedly, a very choice specimen of its style.

The other churches of London have no pretensions to be compared with those last mentioned. Of those which escaped the great fire of 1666, St. Saviour's in the Borough, and the Temple Church, deserve special mention. The former, recently restored to much of its ancient freshness, is a good specimen of the architecture of the 14th century: the latter, which will be subsequently noticed, is still more ancient, and is re-markable for its peculiar architecture, and for the fine Norman arch forming the entrance to the building. After the fire, several churches were built by Sir Christopher Wren, but the fame of St. Paul's has obscured the lustre of his other works. Bow Church, in Cheapside, St. Bride's, Fleet Street, and St. Stephen's, Walbrook, are the most admired of Sir Christopher's churches.
The latter, which has recently been renovated, is entitled to the highest praise. "He has not omitted a single beauty of which the design omitted a single beauty or which the design was capable; but has supplied them all with infinite grace." (Dallaway's Anecdotes, p. 142.) In the early part of last century several churches were erected, of which St. Martin's, St. George's, Hanover Square, and St. George's, Bloomsbury, have very fine porticoes, especially St. Mar-tin's. Within the last 50 years, however, a complete change, and, which is worse, a great deterioration, took place in our ecclesiastical architecture. St. Pancras church, and some others, may, perhaps, be excepted from this censure; but an extreme poverty of architectural talent was shown in designing new churches, which are quite unwardered there is considered. which are quite unworthy of those formerly erected, and of the city. More recently, however, the taste has been again improved; though the Gothic or mediæval style be now, perhaps, too universally followed. The places of wor-ship for Dissenters are, with few exceptions, plain brick buildings, well arranged for the accommodation of large congregations, but con-structed with little attention to ornament or taste.

It is in the form of a cross, the shape both palace, on the river's bank, nearly opposite the nich, externally at least, at the E. end, new houses of parliament. The original building, nost obliterated by 12 minor chapels, of erected in 1191, was first intended for a college of canons; but, as the pope refused his consent to its establishment, it was converted into an archiepiscopal palace, and has ever since been the town residence of the primate of all England. Great additions were made to it about 1250, and in the 15th century Archbishop Chichele built a square stone tower towards the river, called the Lollard's Tower, from the fact of some of those early reformers having been confined in it. Subsequent additions were made by Cranmer, Pole, Parker, Juxton, Sancroft, and Tillotson; but the whole, as seen from the outside, is a heavy dull-looking brick structure, little interesting except from its antiquity. The late additions, however, completed in 1833, at a cost, including internal fittings, of nearly 80,000L, are executed in better taste. The new buildings, of Bath stone, stand in the gardens, E. of the old palace: the principal edifice is a splendid structure, the ornamental portions, which are particularly rich, being copied from West-minster and St. Alban's Abbeys. The entrance front, flanked with square towers, is 160 ft. in length, the opposite or garden front being 30 ft. longer. The principal rooms are of fine propor-tions, and richly though chastely embellished, the wood-work being almost wholly of oak. The library is perhaps one of the finest parts of the interior; and though remarkably plain in its decorations and furniture, produces, from its great size, a very imposing effect. It contains upwards of 25,000 vols., among which are sundry rare works in classics, divinity, &c.; and the MSS., some connected with the history of the see, and others of a miscellaneous character, are said to be very valuable. In the older parts of the building the chief rooms are the long gallery, containing a curious collection of paintings, chiefly portraits of former prelates, the great hall, with an open roof of oak, presenting one of the best speci-mens in the country of internal Gothic deco-rations; and the chapel, a small but extremely elegant apartment, fitted up with oak stalls, pews, and an exquisitely carved pulpit and screen. altar-piece, however, ill accords with the rest of the fittings, being of the Corinthian order, painted and gilt! The park and gardens belonging to the palace occupy about 18 acres: they are completely walled round; nearly 4 acres are appropriated to the kitchen garden, the rest being planted, and laid out in shrubberies.

- The crowded state of most of the Cameteries. metropolitan churchyards, and the growing conviction of their injurious influence over the health of the neighbourhoods in which they are placed, have, within these few years, suggested the esta-blishment of public cemeteries at some distance from town. The first of these, at Kensal Green, occupying a piece of ground 48 acres in extent, tastefully planted and laid out, was opened in 1832. It is situated about 2 m. N.W. of London; and has chapels where the funeral service is performed according to the rites of the Church of England, and of other religious persuasions. The success of this undertaking, which was long opposed by ignorant prejudice, led to the construction of other cemeteries. That at Highgate, consecrated in 1838, and occupying about 20 acres, in an elevated situation N. of the city, commands a very extensive view. The Norwood cemetery, 6 m. S. of the city, is double the size of that last mentioned. Other cemeteries have been completed, at Abney Park, Stoke Newington; Earl's Court, Brompton; and at Victoria Park and Bow Common in the E. Lambeth Palace. — One of the most extensive at Victoria Park and Bow Common in the E. and imposing buildings S. of the Thames is Lam-, Hitherto, however, the new cemeteries have been

904

too far from town, and too expensive, to be used by the poorer classes. But others of a less costly description will, no doubt, he speedily provided for their use. The act of the 18 & 14 Vict. c. 52. (1850), providing for the abolition of intramural interment, provides, also, for the formation of new burial grounds in convenient situations, and at reasonable rates of charge.

Commerce. — London is not only the capital of a great empire, but is one of the first commercial cities of the world. Her intercourse extends to the remotest countries, and her merchants are not surpassed for wealth, enterprise, and integrity. The establishments connected with commerce are on a scale commensurate with the amount of business to be transacted. The public buildings for commercial purposes consist chiefly of the Bank of England, East India House, Royal Exchange, Custom House, Corn Exchange, and Coal

The Bank of England, from its first incorpora-tion in 1694 to 1734, transacted its affairs at Grocers' Hall, in the Poultry. The first stone of the present building was laid in 1732; 40 years afterwards the E. and W. wings were added, and in 1781 the church of St. Christopher was taken down to make room for further additions. Until 1825 this edifice exhibited a great variety of incongruous styles; but endeavours have since been made, and with some success, to produce uniformity. The building is insulated, and covers 8 acres: its shape is an irregular parallelogram, the longest side measuring 440 ft. Many of the rooms in the interior, such as the court-room, pay-hall, and dividend-office, are spacious and well-pro-portioned: the largest and loftiest of all is the rotunda, a circular hall, 57 ft. in diameter, and crowned by a handsome cupola and lantern. The chief transactions connected with the funds take place in this apartment. The affairs of the Bank of England are managed by a governor, deputygovernor, and 24 directors, elected annually. business is conducted by about 800 clerks, whose salaries amount to about 190,000l. A valuable library, intended for their especial use, has recently been established in the Bank by the liberality of the directors.

In 1844 the charter of the Bank was continued till 1855, its capital being then also fixed at 11,0154,100L lent to government at 8 per cent. Branch banks in connection with the Bank of England have, since 1826, been established in most large towns, the chief business of which is to discount bills, issue notes, and transmit money to and from London. The profits of the Bank accrue from interest on exchequer bills, discounts of commercial bills, interest on the capital lent to government, an allowance of about 90,000% a year for managing the public debt, and some other sources. The dividend received by the proprietors is 7 per cent.

Statement of the Liabilities and Assets of the Bank of England, on the 7th of September, 1850, that is, of the Bank Notes in circulation, and the public and private Deposits held by the Bank, on the one hand, and of the Securities and Bullion in her possession, on the other.

Linbilities.	Assets.
Circulation. Bank notes - 19,421,585s Post bills - 1,580,736 Denseits, public - 8,585,378 Ditte, private - 9,106,676	Public Securities - 14,30,347 Private date - 11,700,259 Bultien - 16,705,943 42,285,049
28,674,805	Rest, or excess of anoth ever Habi- lities - 5,610,244

ount of the Deposits in the different Metropu Savings' Banks on the 28th of November, 1842.

1				- 1	4 4 4
Blomfield Stre	et. Mo	orfields'	-	٠.	796,196 9 8
Bogmsbury, N	Contact	to Street	•	٠.	461,793 3 0
Camden Town	- "		•	1	13,567 8 4
Delses -	-	-	-	!	126,977 17 8
St. Clement De	ND4W		•	- 1	84,631 2 4
Covent Garden			-	- 1	36,786 0 10
arringdon Str	revit		-	- 1	78,212 18 9
TOOLST'S	-		-	• 1	181,924 5 9
terny Square	. Unpe	r Charlotte	Birest	- 1	118,381 18 11
. Giles, Witt	sout, C	ripplegate	•	- 1	67,523 17 1
Hackney			•	- 1	24,552 1 7
Hackney, King	pland	Road	•	- 1	7,778 0 11
Amperond.			-	- 1	12,749 19 4
Highgate			-	- 1	2,020 13 7
POSERNIS -		-	•	- 1	6,344 16 8
Illington			•	- 1	43,429 16 9
Renulngton.			•	- 1	81,458 0 7
Limehouse			•	•	89,755 9 6
Martin's P	ace		-	-	89,755 9 6 1,114,617 6 5
mry le bone.	St		•	- 1	292,426 10 8
addington	-		-	- 1	47,328 19 6
Popular -			•	- 1	31,232 6 8
epner -			•	- 1	36,002 7 s
estiminates			•	- 1	44,907 11 10
hitechapel	- h		-	• 1	145,946 18 0
ampherwell, P	eckhar	n. No.	•	- 1	43,794 8 9
apham			•		86,453 8 10
Pennington			•	- !	7,065 7 11
		-	-	-	86,091 2 11
Ambeth, St. J	John's		•	•	90,786 7 5
Postbarhithe			-	- 1	6 335 14 6
much wark			•	- 1	257,134 4 10
Bloke Newingto	on -		•	• •	11,954 18 11
				-	
1		Total	-	-	4,305,451 10 3

But it must not be supposed that anything like the whole of this immense sum has been deposited by those for whose especial behoof savings' banks were devised. On the contrary a very large proportion of the deposits belongs to parties in the middle ranks of life, who have been tempted to make use of savings' banks by the high rate of interest they have allowed. It is much to be re-gretted that artisans make so little use of these establishments; however high their wages may previously have been, they are usually found, when they happen to be thrown out of employment, to be all but destitute.

Of about 55 private banking houses at present in London, two at least were in existence before the Bank of England, viz. those of Messrs. Child, Temple Bar, and Messrs. Hoare, Fleet Street. Within the last few years numerous joint stock banking companies have been established in the city, on the model of the Scotch banks; and the presumption seems to be that they will gradually supersede

the private bankers.

The Royal Exchange, originally erected by Sir T. Gresham, in 1566, was burnt down in the great fire. It was rebuilt within three years, and extensively repaired between 1820 and 1826. Having been again destroyed by fire on the 10th of January, 1838, it has been again rebuilt, from a design by Mr. Tite, and is now one of the colossal fabrics of the city. It is quadrangular, and has a colonnade and pediment fronting Cornhill. The court inside is surrounded by piazzas; but the merchants and others frequenting the building are not sufficiently protected from the weather, a defect which is much and justly complained of. In the quadrangle is a statue of Her Majesty by Lough, and it is further ornamented with statues of Queen Elizabeth, Sir Thomas Gresham, and Sir Hugh Myddelton. Lloyds, and the Royal Exchange Assurance, have their offices in the building. It was opened on the 28th of October, 1844.

The East India House, in Leadenhall Street, is the place where the East India Company's business is chiefly transacted: it was first built in 1726, but has been since so much altered and enlarged, that scarcely any part of the old edifice now remains. It has a stone front with a portico sup-ported by six fluted Ionic columns, above which are a frieze and pediment ornamented with sculpture. The interior comprises numerous apartments, of which the largest are the court-room, the committee-room, and the two sale-rooms. In the E. wing are the library and museum: the former contains a pretty extensive collection of works connected with the arts, sciences, and literature of

Asia, and some rare Oriental MSS. The museum, Asia, and some rare Oriental MSS. The museum, which is open every Saturday, is furnished with a great variety of Indian curiosities, &c. The E. I. Company is now an exclusively political institution; the act 8 & 4 Will. 4., prolonging the charter till 1854, having debarred the company from the privilege of trading.

*River and Port.—What is legally termed the port of London extends 6½ m. below London Bridge to Bugsby's Hole, beyond Blackwall; though the actual port. consisting of the upper.

though the actual port, consisting of the upper, middle, and lower pools, does not reach beyond Limehouse. The whole of the latter space is generally covered with vessels; a channel, only 800 ft. wide, being left clear for craft passing up and down the river. The port having been long in-sufficient for the proper accommodation of the shipping resorting to London, and being often blocked up by fleets of merchantmen, the quays also being heaped with bales, boxes, bags, and barrels, in such confusion that the most barefaced robberies were committed with impunity, the necessity of further protection for merchandise became evident. Accordingly, at the close of last century, it was determined to excavate wet docks, capable of accommodating a large number of ships, with contiguous warehouses, the whole being inclosed by high walls. The West India Docks, the first of these establishments, and the largest belonging to the port, were opened in 1802. They are situated about 4 m. down the river: including the City Canal, a work intended for another object, but now a part of this establishment, they comprise about 295 acres, 2 part of which is covered with water, the rest being occupied with quays and warehouses, the latter of great magnitude, and furnished with every convenience. They have an import and an export dock, with sufficient accommodation for 500 large merchantmen. The London Docks, about 1½ m. from London Bridge, were opened in 1805. They cover about 100 acres of ground, of which nearly a third part is water. The vaults beneath the warehouses have cellarage for 65,000 pipes of wine, and one of them has an area of 7 acres! The tobacco warehouses are very extensive. The East India Docks, smaller than those above described, and further down the river, were opened in 1808. Their water-area is 30 acrea. and their great depth (23 ft.) enables them to accommodate vessels of very large size. The East and West India Dock Companies are now incorporated, and form only one association. The Commercial Docks, on the S. side of the river, consist principally of the old docks for the Greenland ships, enlarged and provided with warehouses for bonding foreign corn. They comprise 49 acres, 40 of which are water; and are principally used by vessels engaged in the Baltic and E. country com-merce and the importation of timber. The St. Katherine's Docks, opened in 1828, are the nearest to London Bridge, being just below the Tower. They inclose 24 acres, of which 111 are water. The warehouses, which are on a very extensive scale, are close to the quays, having the lower or basement story open for the purpose of receiving or delivering goods from and to vessels that are being laden or nulsden. laden or unladen; the arcades are supported by iron columns of great strength. These docks have all been constructed, at a vast expense, by joint stock companies; and have on the whole been profitable concerns, though they have redounded more to the advantage of the port than to that of their projectors.

The number of colliers frequenting the port has often suggested the idea of excavating docks for their accommodation in the Isle of Dogs, opposite Greenwich; but nothing has yet been effected

towards the execution of this plan. According to towards the execution of this plan. According to the present system, that part of the port below the lower pool serves as a place of anchorage for the colliers, only a certain number of which are allowed to be in the pool at once, and a flag is hoisted to notify when it is full. On the flag being hauled down, the first collier in rank enters the pool, and the others follow, until the number is completed, when the flag is again hoisted; the rest wait their turn. The following statement of the quantities of coal and culm brought into the port at different periods, from 1820 to 1849, both inclusive, shows the consumption of coal in London. The great increase within the last doses years is chiefly owing to the introduction of steam navigation and gas lighting.

			Tons.			Tons.
1890	•	-	- 1,691,535	1843 -	•	- 2,628,580
1825	-	•	1,870,975	1844 -		- 2,490,910
1830			- 2,005,304	1845 -		- 5,403,390
1835	•	-	- 2,499,840	1846 -		2,953,755
1840	-	-	2,566,899	1847 -		- 3,280,490
1811		-	- 2,909,562	1848 -		- 3,418,340
1842	-		2.7x3.900	1849 -		8,339,146

Account of the Coal imported into London in 1849; spe cifying the Ports whence the Coal was shipped, and the Number of Cargoes and Tons imported from each.

Ports whence s	Cargoes.	Toms.			
Newcastle - Sunderland Stockton - Blyth - Hontland, ports of - South Wales, do. Yorkshire, do., &c.	:	:		4,545 3,371 2,872 435 30 389 376	1,492,670 927,514 749,568 95,925 4,509 94,011 58,740
Total of Coal Culm Cinders Total	:	:		12,018 6 50	8,332,067 1,173 6,906 3,339,146

Exclusive of the above a small quantity of coal, amounting in 1849 to 41,640 tons, is brought to London by inland navigation and by railway.

The new Coal Exchange, in Lower Thames Street, is a magnificent, though rather incon-gruous, building. The great hall, which is cirgruous, building. The great hall, which is cir-cular, is 60 ft. in diameter, and 74 ft. to the apex of the glazed dome by which it is covered. The

structure cost about 40,0004

The Custom House, a large building by the river-side, between London Bridge and the Tower, was opened for business in 1817. The old one was burnt down in 1814, though not before the present building was begun, the former having been inconveniently small. The river-front, 480 ft. in length, is built of Portland stone, and, though rather plain, is decorated by 3 porticoes, each supported by 6 Ionic columns. The long room, where the public business is transacted, is 185 ft. in length, 66 ft. in width, and 55 ft. in height. Owing to the insufficiency of its foundations this structure became insecure, and had to undergo some very extensive repairs in 1825.

The immense extent of the trade of London will he apparent from the subjoined statement of the gross customs revenue of the port in the undermentioned years: —

1835 - - 11,773,6167, 1840 - - 11,088,053 1845 - - 11,083,806 1846 - 10,886,156 1847 - - 10,597,442*L* 1848 - - 11,193.707 1849 - - 11,070,176

Now, as the total gross customs revenue of the United Kingdom amounted, in 1849, to 22,483,956L it would seem from this statement that the import trade of London only equalled that of all the rest of the kingdom! This, however, would be a most fallacious inference. The imports into several of the other great ports, including Liverpool, Hull, Dundee, &c., consist principally of cotton, wool, flax, and other raw materials of

our manufactures, which are mostly admitted free of duty; whereas the imports into London consist principally of articles of consumption, inc. to-bacco, sugar, tea, coffee, wine, timber, &c., on which high duties are paid. Hence it is that the amounts of the import duties collected in different ports afford no fair criterion, or, indeed, any criterion at all, of the real extent of their import trade. In regard to exports, the articles produced in London are intended more for the home than for foreign demand, and do not constitute any very large proportion of the shipments to foreign parts. These, however, are notwithstanding very large; for, owing to the extreme facility of communication between London and the manufacturing districts, and the low rates at which goods may be lodged in the dock warehouses, London has greater facilities than any other port for the making up of mixed or assorted cargoes, and has, in consequence, a large export trade. Thus, in 1849, the declared value of the goods exported from London amounted to 11,748,833L, being, we believe, about the same as the value of the exports from Hull. But during the same year the declared value of the exports from Liverpool amounted to no less than 32,341,918L, or to nearly three times the value of the exports from London. can, therefore, be no doubt that as respects foreign trade London is surpassed by Liverpool, and, perhaps, also, by New York. But as regards foreign and home trade taken together, London is at least equal to any other place. She may be truly said to be universi orbis terrarum emporium; and owing to her being the grand mart of all the rich, extensive, and densely-peopled districts included within the basin of the Thames, we do not think, provided the country continue to prosper, that there is any ground for apprehending any falling off in the commerce of London. It is impossible to form any accurate estimate of the total value of the produce conveyed into and from London; but, including the home and foreign markets, we be-lieve it will not be overrated at the prodigious sum of sixty-five millions sterling.

Some idea, however imperfect, may be formed of the extent and distribution of the trade of London from the following statements.

An Account of the Number and Tounage of those Ships that entered the Port of London with Cargoes from Foreign Parts, in 1948, distinguishing the Countries where they came.

	1 0	itish.			
Countries			Poreign.		
COLLEGE	Ships.	Tons.	Ships.	Tons.	
Russia	611	142,064	83	24,738	
Sweden	78	8,773	222	54,526	
Norway	2	205	207	57,447	
Denmark	115	14,949	718	54,697	
Prosts	494	74,195	153	81,967	
German States	425	81,058	851	27,814	
Holland	560	115,823	356	27,198	
Beigium	3 0i	48,944	180	27,487	
Prance	602	92,738	541	30,648	
Portugal, Azores, and				1 50,530	
Madeira	346	36,586	7	687	
Spein and Canaries -	229	23,061	34	3,390	
Italian States	148	22.972	Ĭġ	4,905	
Ionian Islanda	26	3,607		1	
Greece	64	9,530		l i	
Moldavia & Waltachia	6	897	1	150	
Turkish Dominions -	39	6,571	-		
Syria and Palestine -	2	710		1 1	
Egypt	88	25,665	1	189 أ	
Tunis, Algeria, and			_		
Morocco -	11	1,295			
Africa, Foreign Pos-				1 1	
sessions	2	428			
Asia, ditto	20	8,259	4	1,973	
China (exclusive of		1 ' I	_		
Hong Kong)	53	24,118		i i	
West Indies, Poreign -	72	18,563	85	13,865	
America, U. Status - i	29	11,192	101	62,984	
Ditto, Central and S.		i . I			
States	211	65,517	17	4,141	
Whale Picheries -	12	4,512	-•		
Total -	4,636	839,130	3,050	428,745	

Vol. 11.

Account of the Ships entering the Port of London from 1835 to 1845, both inclusive, distinguishing between British and Foreign Ships from Foreign Parts, and Coasters.

Years.		Foreign						
	Bı	itiah,	Po	reign.	Coasters.			
7	Vessela.	Tonnage.	Vessels.	Tonnage.	Vessels.	Tonnage.		
1925	3,989	758,565	1,743	302,122	19,527	2,560,626		
1826	3,493	675,026	1,586	215,404	20,459	2,441,746		
1927	4,012	769,102		221,009	17,677	2,226,040		
1828	4,084	767,212	1,303	195,929	f. torre	- standings		
1829	4,108	784,070	1,300	215,605	No, of coasters not stated during these five years.			
1830	3,910	744,229	1,268	207,500				
1831	4,140	780,988	1,557	269,159				
1858	3,274	3,974 640,057 8	974 640,057 886 154,51	154,514				
1833	3,421	678,489	1,061	175,883	19,336	2,517,221		
1854	3,786	735,693	1,280	216,063	20,069	2,593,857		
1835	3,780	740, 355,	1,057	188,893	20,471	2,764,982		
1836	3,845	772,046	1,465	850,870	90,765	4,810,878		
1837	4,079	821,788	1,547	240,150	21,522	2,911,756		
1838	4,366	893,925	1,727	277,902	21,592	2,908,176		
1540	4,880	988,867	2,575	357,163	21,112	2,829,701		
1841	4,547	934,660	188.8	554,456	21,619	2,650,813		
ISIR	4,767	1,004,455	1,640	317,609	22,726	3,030,713		
1843	4,589	1,002,550	1,633	281,468	21,967	2,929,567		
1844	4,741	1,005,463	2,144	353,346	22,700	2,901,971		
1845-	5,123	1,109,387	2,439	595,104	24/100	2,590,396		

An Account of the Number and Tonnage of Coasting Vessels that have entered the Port of London, in each Year from 1835 to 1844, both inclusive.

Years.	Genera	l Counters, og Colliers.	Irah	Traders.	Total.		
	Vessels.	Tonnage.	Vessels,	Tounage.	Venuels.	Tonnage.	
1836 1836 1837 1839 1839 1840 1841 1842 1843	19,508 19,717 20,201 20,353 20,205 20,415 21,381 90,958 21,494	2,604,906 2,656,860 2,743,894 2,747,741 2,686,621 2,701,058 2,845,568 2,769,984 2,711,866	1,163 1,018 1,121 1,259 907 1,006 1,545 1,069 1,342 1,944	160,076 154,009 167,882 180,435 142,080 149,755 187,545 159,585 189,468 183,655	90,471 80,765 21,322 21,592 21,112 21,619 22,726 21,967 22,500 22,738	2,764,982 2,810,878 2,911,736 2,908,176 2,828,701 2,850,813 3,030,713 2,929,567 2,901,271 2,800,396	

An Account of the Number and Tonnage of Ships that entered the Port of London in 1848, with Cargoes from the Colonies and Dependencies of England:—

Colonies.	Ships.	Tons.
Gibraltar Malta British Pessassions in Africa Ditto in Asia	7 8 165 383	1,193 1,335 45,686 190,452
America, viz.; — British Northern Colonies Ditto West Indies Isles of Guernsey, Jersey, and Man	398	143,994 97,838 66,467
Total	1,843	546,195

An Account of the Number and Tonnage of Coasting Vessels, distinguishing between Sailing and Steam Vessels, that entered the Port of Loudon in 1848 and 1849.

1				1848.		1849.
			Ships.	Tonnage.	Ships.	Tonnage.
Sailing Vessels Seesmars -	:	:	21,561 1,023	2,927,128 515,444	20,153 969	2,731,519 804,465
Totals	<u>.</u>	<u>.</u>	29,584	3,242,572	21,122	3,035,984

An Account of the Number and Tonnage of Vessels from Foreign Ports, distinguishing between Sailing and Steam Vessels, and between British and Foreign do, that entered the Port of London in 1848 and 1849.

	1	848.	1849.		
	Ships.	Tonnage.	Ships.	Tonnage.	
Sailing vessels, British - Recemers, - ditto - Ralling vessels, Foreign - Steamen, - ditto -	3,562 1,080 2,961 115	593,291 947,457 400,605 30,836	3,910 1,211 2,904 142	610,556 275,041 407,432 37,263	
Totals	7,718	1,272,189	8,167	1,330,292	

On the 1st of January, 1850, the following ships be- much exceeding any thing of the kind to be found longed to the port of London, viz.:

	Under 5	O Tons.	Above &	50 Tons.	Totals.			
	Vessels. Tons.		Vessels. Tons.		Vessels.	Tons.	Vessels,	Tons.
Bailing vessels - Steam-vessels -	706 110	23,129 3,599	2,029 208	579,67¥ 61,097	2,735 318	602,501 64,696		
Total of stilling and steam- vessels		26,728	2,237	610,769	5,063	667,497		

The crews may amount to about 85,000 men and boys. This, which is a greater amount of shipping than belongs to any other British port,* will appear the greater, when it is recollected that the colliers almost all belong to Newcastle, Sunderland, and other ports in the N. An immense number of barges are employed in the loading and unloading of colliers and other vessels in the river. The out-of-doors establishment of the customs, which is mostly all employed in the business of the port, comprises about 1,000 individuals.

The insurance of houses, ships, lives, &c. is carried on to a far greater extent in London than anywhere else. Marine insurances are mostly effected by private parties; but other insurances are generally made by joint stock companies. Some of these have been very successful, and have accumulated vast sums. It is believed, however, that not a few insurance companies are of a very questionable description; and the conviction seems to be gradually gaining ground, that some public regulations should be laid down for the formation and guidance of such companies, so as to protect the insured against the extravagance, mismanagement, and bad faith of the directors.

Manufactures, retail trade, and markets. - London presents itself under too many points of view to be called a manufacturing city; yet it is the seat of many, and of some very extensive, manu-factures, several of which have their distinct quarters.

The silk manufacture is conducted on a large scale in Spitalfields, Bethnal Green, and Mile-end. It employed, in 1840, about 7,000 hands, which may, probably, be about the number at present engaged in it. The trade fluctuates extremely, owing chiefly to the caprices of fashion, and great numbers of workmen are often thrown out of employment; but the distress, so often said to prevail in this densely-peopled district, is owing at least as much to the drunken and improvident habits of many of the weavers as to any falling off in the demand for labour. The nett wages of plain silk weavers, when fully employed, range from 9s. to 11s. 6d., and those of velvet weavers from 15s. to 28s. a With respect to physical condition, this numerous body are, speaking generally, diminutive, impoverished, and feeble, unable to withstand disease, and not long-lived, circumstances attributable to close in door employment, bad air, bad lodging, and bad food. We shall elsewhere notice the tendency to epidemic fevers in close and ill-drained neighbourhoods, and in no part of London are the fatal effects of lodging in close courts and cellars more visible than in Spitalfields and Bethnal Green. (See Dr. S. Smith's Evidence

before the Committee on Health of Towns, pp. 1—7.)
Porter is the favourite beverage of the lower and also of a considerable proportion of the middle classes of London. The breweries in which this favourite liquor is prepared are mostly on a very large scale; and are, indeed, by far the greatest manufacturing establishments in the metropolis,

any where else. In addition to the capital vested in buildings, machinery, horses, &c., a first-rate brewery has, also, a large amount of capital vested in public-houses in all parts of the town. The principal establishments produce from 200,000 to 270,000 barrels a year, principally porter, but partly also ale. It has been estimated, that about 1,200,000 barrels, or 43,200,000 gallons of porter and ale are brewed for consumption in London only, besides which great quantities are sent to different parts of the United Kingdom, and exported to the E. and W. Indies, the United States, and continental Europe. In 1848-49, the consumption of malt by the different brewers, victuallers, &c., in the London collection amounted to 6,299,908 bush. The splendid teams of horses in the drays belonging to the chief breweries are among the objects most worthy of admiration in the metropolis. There are several very extensive distilleries, vinegar-factories, chemical works, and soap-boiling houses, most of which are situated on the S. side of the river. In 1849, 44,548,865 lbs. of hard and 618,917 lbs. of soft soap were made in London. About 20 large engineering establishments employ several hundred workmen in making steam-engines and other machinery, chiefly in Lambeth and Southwark.

The principal sugar refineries are in Whitechapel, E. of the city. Clock and watchmakers, who are numerous, reside principally in Clerkenwell. The finest cutlery and hardware are produced, and the manufacture of metals of all kinds is carried on to a great extent. In 1847, 4,788 oz. of gold plate, and 860,799 oz. silver do. were assayed in London, being double the quantity of the gold plate, and four times the quantity of the silver plate, assayed in the rest of the U. Kingdom. Coach-building is an important business; and the carriages of London are not only the handsomest, but the best built and most durable of any in the empire. Great numbers are made for exportation. Many hands are employed in type founding, constructing musical instruments, and in engraving music. The tanning, currying and dressing of leather is carried on more extensively in Bermondsey than anywhere else in the U. Kingdom. And, notwithstanding large numbers of shoes are imported ready made from Northampton and other places, their manufacture and that of harness gives employment to an immense number of hands in the metropolis. In proof of this we may mention that of 187,943 shoemakers and 14,091 saddlers in England and Wales in 1841, no fewer than 28,574 of the former, and 2,171 of the latter belonged to London. Ship-building, and the infinite variety of trades connected with shipping, are extensively carried on E. of London Bridge. Owing to the extent to which the division of labour is carried, the tradesmen and artisans of London have attained to the greatest proficiency in their respective callings; and there cannot be a question that the jewellers, silversmiths, engravers, cabinetmakers, printers, tailors, shoemakers, book-binders, &c., of the metropolis are quite unrivalled.

There are no means of forming anything like

even a rough estimate of the extent of the retail trade of London, but it must be immense. The trades, generally speaking, are mixed indiscri-minately, though some remains may yet be traced of the ancient custom of particular trades congregating in particular places. Thus we still find coach-makers in Long Acre, stay-makers in Holywell Street, booksellers in Paternoster Row, and bankers in Lombard Street. A good deal of business used to be transacted by itinerant venders; but these are now seldom met with. Fashionable

We say British port, for it is surpassed by the shipping of New York, which amounted in 1819 to 795,492 tons.

gorgeousness of their wares: their windows are, in them being occasionally not of the most creditable many instances, made of the finest plate glass, set in brass frames, and their interior is frequently tomers.

shops attract attention by the magnificence and lined with mirrors. All sorts of devices, some of

Classified Account, taken from the Population Returns of 1841, of the Persons, distinguishing their Sex and Ages, that were then engaged in the principal Trades and Professions carried on in the Metropolis.

					1	, Ma	les.	Pen	ales.	
						80 Years of Age and upwards.	Under 20 Years of Age-	90 Yours of Age and upwards.	Under 20 Years of Age.	Total.
Baker				•	-	7,866	925	308 32	11	9,110 6,716
Blackmath			•	•	- 1	5,923	756	22	. 5	6,716
Bookseiler,	bookbinder, and p	ablisher	•	•	- 1	8,584	815	1,109	841	5,499
Boot and sh		•	•	•	- 1	22,400	2,457	8,157	560	28,574
Brickleyer		•		-	- 1	6,270	449	1 24		6,748
Brosh and I	broom maker	•			- 1	1,461	222	878	100	2,155
Butcher	•		•	-	- 1	5,502	814	134		6,4/10
Cabinet ma	ker and upholster			-	- 1	6,497	764	655	57	7,973
Carpenter a	and holmer .				- 1	16,965	1.278	83		18,321
Clerk (com	mercial)				1	17.299	8,056	J 65	7	20.417
Clock and		-		-	- 1	3,700	8x8	63	l à	4,220
	r (all branches)	-	_	_		3,821	279	5.6	1 3	4.936
Cooper	- (-	-	_	- 1	3.056	889		۰ . • .	8,449
Company	leather-seller	-	-		- 1	2,095	195	87 -		1,328
Causes ento	The state of the s	•		-		107	1 10	17.183	5.480	20,780
Transmission.	and milliner	•	•	•		206	l ŝõ	11,103	0,100	20,700
Dyer, silk	• • • • • •	•	•	-	- 1	3.642	AOS			
Engineer as	nd engine worker	•	•	•	- 1		139		i :	4,151
Leptonopie	r and dealer	•	•	-	• 1	1,604		119		1,866
Grecer and	tea dealer_	:	: .	-	•]	3,944	475	860	17	4,906
Hatter and	bet manufacturer	(all bree	iches)	-	- 1	2,600	219	886	131	8,506
Jeweller, g	oldsmith, and slive	moulth	•	-	-1	8,421	478	67	5	3,971
Laundry Le	eper, washer, and	mangist	•	-	- 1	195	l ii	15,549	465	16,220
Mason, Pav	lour, and stoneout	ter "	•	•	- 1	3,182	262	1 7		8,471
Merchant (memeral) -	-	•	-	• •	8,811	29	20	l • •	8,890
Millradler	and cowkenser				- 1	2,003	78	670	18	2.764
	unber, and glesies				- 1	10.513	914	7.5	ı š	11,507
Plasterer	······ •				- 1	2,321	265	l iž	l i	2,599
Poster	seenger, and error	d how			1	10,288	2,716	1 79	16	13,103
Printer		,	-	-	- 1	5.533	1.020	59	الم ا	6.618
Caddles as	d harmon and coll	be	•		- 1	1.923	189	1 50	1 6	2,171
3 mm 4 , 40	O 100 100 100 100 100 100 100 100 100 10		•_	-	- 1	6,566	436			7,002
Seaman	<u>.</u>	-	-	-	1	29,595	9.705	95,916	33,485	168,701
Bervant, de	- (-11 to	. 			- 1	3,595	440	9.566	550	
Sitt weens	acturer (all branch			a ayes	- 1		312	2,000	330	7,151
prilises, of	othecary, and me	CHOSE SERVICE		•	-	8,909				4,211
Taller and	presches maker	. -	-	-	-	18,513	1,752	2,795	457	23,517
Tavern-kee	rper, publican, and	AICLEAN	er _	•	- 1	4,290	60	509	9	4,861
Tobaccomis	t, and tobacco and	l sauli m	anufac	ALC: N	-	1,396	809	833	12	2,060
Warehouse	man and woman	-	•	•	• 1	8,400	376	54	4	8,834
Wheelwrig	.	-	•	-	- 1	2.189	162	14	ı	2,365

The Markets of London are supplied at all seasons, and with all sorts of articles, whether produced in the U. Kingdom or in the most distant countries, with a facility and a regularity that are truly marvellous, and could not à priori have been deemed possible. And now that the freedom of trade has been fully established, all articles are sold at their necessary prices, or at the prices required to produce them under the most favourable circumstances and to bring them to market. We are now, also, for the first time in our history, in a situation freely to avail ourselves of all the peculiar products and advantages of climate, soil, and skill, with which Providence has endowed different countries. Inventions and discoveries made in China, the U. States, or elsewhere, which lessen the cost of producing any desirable article, or facilitate its conveyance, will henceforth most probably conduce as much to our advantage as if they had been made in England. The age of monopolies and preferences has passed away; and while combinations for the purpose of artificially raising prices are all but impossible, they could not fail, were they really entered into, to be instantly defeated. Hence the fair presumption that in time to come our markets will be furnished with a still greater variety of products, of a conti-nually improving quality, and sold at lower prices.

In the great provision markets articles are sold, partly by wholesale, and partly by retail. Generally, partly by wholesale, and partly by remain at shope however, the inhabs, prefer purchasing at shope distinct from the markets. Smithfield is the great market for live stock, which is sold on Mondays and Fridays. No fewer than 1,514,130 sheep were sold here in 1849, with 223,560 head of cattle, and 26,422 calves. We may remark, by the way, that Smithfield market is situated in the very centre of the city; and this circumstance, by obliging the stock to be driven to and from it through crowded streets, makes it an abominable nuisance. Frequent

attempts have been made to have it removed to the suburbs, but hitherto without effect. London is also totally unprovided with proper slaughterhouses, or abattoirs, and is, in this respect, behind Paris and other continental cities. Exclusive of the stock brought to Smithfield market, a good many cattle and sheep are imported in steamers, and privately sold; and in the colder months slaughtered cattle and sheep are extensively imported, particularly from the ports on the E. coast. Newgate and Leadenhall markets, with the Whitechapel carcass butchers, supply most part of the butchers of the town and neighbourhood.

Covent Garden is the principal vegetable market, and the immense supply of the finest fruits and vegetables, and the beauty of the plants on sale, make it well worth a visit. Billingsgate is the great fish-market, whence fish of all sorts are distributed to the shops and markets in different parts of the town. Hungerford market is also a well-supplied fish depôt; but at this and Farringdon market butchers' meat, fruit, and vegetables are also sold. The corn market, held in a fine Doric building in Mark Lane, is attended almost

exclusively by wholesale dealers.

Different statements have, from time to time, been put forth respecting the consumption of the principal products brought to London; but, with the exception of coal, and one or two other articles, there are no means by which to arrive at any thing like a correct conclusion. Allowing for the car casses imported by steam and otherwise, the annual consumption of batchers' meat may, however, be, at present, estimated at about 240,000 bullocks, 1,700,000 sheep, 28,000 calves, and 35,000 pigs, exclusive of vast quantities of bacon and hams.

Leadenhall is the principal market for the sale of poultry and game; and, according to a curious and apparently authentic statement that recently

appeared in the Morning Chronicle, the sale of these are frequent in summer, and carry vast numbers of articles in that market, in 1849, was as follows, viz., passengers. In addition to the great lines of

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Fowls - Nos. 1,366,000 | Turkeys - Nos. 69,000 | Geese - 888,000 | Pigeons - 284,500 | Total 2,742,500.
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WILD BIRDS, ANIMALS, AND GAME.

Grouse		Nos.	45,000	Plovers	•	Nos.	28,000
Partridges	-	_	84,500	Larks	-	_	213,000
Pheasants			48,900	Wild Bir	ds	_	39,500
Teal		-	10,000		-	_	48,000
Widgeons	•			Rabbits	-	_	680,000
Snipe	•	_	60,000				

Total 1,281,900.
Total of Birds and Animals, 4,024,400.

But in addition to the above, very great quantities are sold in Newgate and other markets, and many poulterers, in all parts of the town, and private families, are supplied in whole or in part direct from the country, and not at second-hand from the markets. In severe winters there are large supplies of wild ducks, principally from Holland, woodcocks, &c. Snipes come principally from Ireland. Three-fourths of the pigeons come from France. Black-cocks are all from Scotland. Sometimes, after a grand battue, there is a glut of hares and pheasants in Leadenhall market.

Exclusive of those brought from the different parts of the U. Kingdom, from 70 to 75 millions of eggs are annually imported into London from France and other foreign countries! About 18,000 cows are kept in the city and its environs for the supply of milk and cream; and if we add to their value that of the cheese and butter brought to the city, the expenditure on dairy produce will appear to be enormous. The con-sumption of wheat may, perhaps, be estimated at about 1,600,000 quarters a year; and the vast number of horses in London, and their high keep, must occasion an immense consumption of oats. The imports of salmon from Scotland and other parts of the U.K. may be estimated at from 2,500,000 lbs. to 8,000,000 lbs. a year; and to this have to be added the large quantities that are now imported from Holland and the N. of Europe. The supplies of turbot, cod, lobsters, oysters and shrimps, are quite immense. The best cod is brought from the Dogger bank, and the greater number of the lobsters from Norway. The value of the fish, vegetables, &c., consumed in the city, has been set down by some intrepid calculators; but the data on which they formed their estimates were too loose and unsatisfactory to entitle them to any credit.

External and internal Communication.— The communication between London and foreign countries is carried on partly by sailing vessels, and partly by steamers, regular lines of packets of both descriptions of vessels being established with the principal foreign and colonial ports. These, also, are the media of communication between London and the various ports of Great Britain and Ireland. The intercourse with the interior is partly carried on by canals, partly by high-roads, and partly by railways. The latter, though of such recent date, already stretch from the metropolis to the most remote parts of the empire. They have multiplied the means and facilities of travelling in a degree which, but a few years ago, could not have been imagined. The journey to Dublin, Edinburgh, and Glasgow, is now regularly performed in about 12 hours; and it might be performed in about 12 hours; and it might be performed in considerably less time if such extreme speed were necessary. The chapness of this rapid travelling, its comfort and security, are equally remarkable. What are called "pleasure trains," at extremely low fares for the accommodation of the lower classes, are

frequent in summer, and carry vast numbers of passengers. In addition to the great lines of communication, short lines are opened to Blackwall, Greenwich, Kew, Richmond, Windsor, and other places in the vicinity of town.

We may take this opportunity of stating that the Doric portico at the terminus of the Great North Western Railway at Euston Square, and the Hall inside, are amongst the most magnificent structures of their kind anywhere to be met with. The hall is 130 ft. in length by 62 ft. in width.

and 64 ft. in height.

The Thames is, also, a grand line of communication; the intercourse between the E. and W. ends of the city, and with the different places above and below the bridges, such as Putney, Barnes, Kew, Richmond, Kingston, &c., on the one hand, and Greenwich, Woolwich, Gravesend, Margate, &c., on the other, being kept up by means of steamers. Of these about 70 ply, during the summer season, between the limits above referred to, those plying between the bridges passing and repassing almost incessantly. In fine weather, especially on Sundays, they convey vast numbers of passengers. According to a curious estimate that lately appeared (October, 1850) in the Morning Chronicle, the receipts of the river steamers amount in the season to nearly 10,0002, a week.

The port of London is connected with the Irish Sea by a chain of canals, of which the Regent's canal, passing along the N. of the city, is the first link. The N. Western and other railways are,

also, connected with the port.

Hackney-coaches were introduced more than 200 years ago; and previously to the introduction of cabriolets, in 1820, were very numerous, but they are now all but wholly superseded by the latter. It is a singular and not easily explained fact, that, with but few if any exceptions, the hackney-coaches and cabs to be found in the streets of London are the dirtiest, shabbiest, and most uncomfortable carriages that are anywhere to be met with. The drivers are worthy of the carriages; the one and the other being a disgrace to the city, and such as would not be employed anywhere else.

Literature. - London ranks still higher as a literary than as a commercial city. Notwithstanding the factitious encouragement given to learning and science in Oxford and Cambridge, London is the favourite resort of literary and scientific men. Its immense population, the wealth and intelligence of its inhab, and the circumstance of its being the seat of government, attract aspiring individuals from all parts of the empire, especially those ambitious to distinguish themselves in lite-rature or politics. The practical common-sense character of the philosophy and literature of England is probably, indeed, in no small degree owing to its being principally cultivated in London, where the writers, by mixing with the world, learn to avoid those over-refined theories and fanciful distinctions in which recluse speculators are so apt to indulge. With the exception of the provincial newspapers, the whole periodical literature of England centres in London. The number of persons engaged in this department, as authors, publishers, printers, &c., is very great. London has no fewer than 12 daily newspapers, ex. lists, and 80 that appear at other intervals. Many of these journals display great, and some consummate talent; and, considering the extreme rapidity with which articles for the daily journals must be written, and the want of time for revision. they are certainly extraordinary performances. So far as respects its newspaper press, London is infinitely superior to every other city; and how-

ever one-sided, prejudiced, and little to be depended on in party matters, it is not easy to imagine that it is likely to gain much in ability,

variety, and interest.

It appears, from the Stamp-office Returns, that of 84,339,415 stamps, inc. supplements, issued to the different newspapers published in the United Kingdom during the year ended 81st Dec. 1849, no fewer than 49,006,730, or more than the half of the whole, were issued to those published in London! And when the superior ability and information of the London press is taken into account, its preponderance will appear still more striking. During the same year, the total amount of the duty on advertisements paid by the newspapers of the United Kingdom amounted to 168,211l. 1s. 4d., of which 69,512L 19s. 6d. was derived from the metropolitan journals.

A prodigious number of weekly, monthly, and quarterly magazines, reviews, and other publications, issue from the London press; and though many of these be of a very trashy and worthle description, a considerable number are of a widely different character, and are well fitted to amuse, instruct, and improve the reader. By far the greater number of these publications appear on the last day of every month, known among book-sellers as "Magazine day;" when the great pub-lishing houses make up and forward innumerable parcels, containing every variety of works, to their correspondents in all parts of the kingdom.

The magnitude and importance of the periodical

ess of the metropolis will be best seen from the following statement, compiled by Messrs. Longman

and Co. for 1850.

Description of Periodical.	Number.	Price.
Weekly Megazines, &c. Thito parts of estire works Menthly Megazines, &c. Disto parts of estire works Disto parts of estire works Disto parts of estire works Transactions of Learned Societies Law Reperts] _3	1d. to 8d. 1dd. to 2d. 6d. to 5e. 6d. to 10e. 6d. to 7s. 6d 4s. 6d to 6s. 2s.6d. to 45s.
Total of Periodicals, &c. (not Newspapers)	450	
Newspapers, daily morning Disto, daily evening Disto, thrice a week Disto, twice a week Disto, once a week Bunday)	7 5 5 5 5 72	average 5d. Sd. to 1s.
Total of Newspapers and stamped Publications	92	

The greater number of the works written in Scotland are now published in Edinburgh; but nearly the whole of the myriads of works written in England and Ireland are published in London. The latter, in fact, is to the literature of Britain what Leipsic is to that of Germany, or Paris to that of France. The London publishers have agents all over the country, to whom they send new publications; so that in the few instances in which books are printed at Oxford or Cambridge, or other provincial towns, it is usual to send them to London to be published.

Education .- London, unlike most other European capitals, had no university empowered to grant degrees till 1886, when one was established by royal charter (renewed in 1837) for "the advancement of religion and morality, and the promotion of useful knowledge," without distinction of rank, sect, or party. This institution differs (and, as we think, advantageously) from all other universities, in its having nothing to do with the business of on cation, being constituted for the sole purpose of ascertaining the proficiency of candidates for academical distinctions. It is, in fact, a Board of

Examiners, empowered to grant degrees in science and literature to such candidates as are found, on examination, to have attained the required proficiency. The senate, or board, consists of a chancellor, vice-chancellor, and 35 other members. The faculties are those of Arts, Law, and Medicine, in each of which are several examiners, some of whom are members of the senate. The sittings are held in Somerset House, and the examinations are half-yearly. The greatest number of candidates for degrees has hitherto been furnished by the University and King's Colleges, both of which are proprietary establishments. The former of these, opened in 1828, is governed by a council and senate of professors: the course of education embraces classics, pure and mixed science, history, instinguishment and senate and experience and experience. jurisprudence, and medicine, religion being wholly excluded. The success of the medical school which has for some years been the largest in London, has led to the erection of a good hospital close to the college. The general classes have not been so well attended as the more sanguine friends of the establishment at first expected; but the attendance is likely to be increased by the addition to the institution of a well-attended junior school. the instruction in which forms a good preparation for higher studies. King's College is a similar establishment to that last mentioned, and is similarly conducted, except that religion is taught in it in accordance with the principles of the Church of England. The general classes are well attended, as is the junior school. The medical school is small. The buildings of these establishments are handsome and commodious: the portico of University College is one of the finest in London.

Among the literary and scientific establishments of the metropolis, one of the best supported is the Royal Institution in Albemarle Street. The building, the front of which is in good taste, with 14 Corinthian columns, comprises a good library and reading room, a theatre for lectures, capable of accommodating 900 persons, and a chemical laboratory supposed to be one of the largest and best supplied with apparatus in Europe. Lectures on various subjects are delivered by the professors and other gentlemen temporarily engaged; and the important investigations made here by the late Sir Humphry Davy, Mr. Faraday, and others, have conferred on the institution a well-merited celebrity. Next in importance to that just mentioned is the London Institution, in Finsbury Circus, Moorfields, the objects of which are very similar, though not so fully and scientifically carried out. Lectures are given on literature, the fine arts, &c. once or twice a week from November to May: the library is both large and well-selected, and the reading rooms are supplied with the greater number of English and foreign literary journals. The Russell Institution, in Great Coram Street, is similar in most respects to those just described; but, owing to a falling off in its funds, its usefulness is at present very much circumscribed.

Efforts have, also, been made to promote the welfare and improvement of the working classes, and of young men generally, by the establishment of mechanics' institutes in different parts of London. But, whatever may be the cause, these, of late years, have generally been declining. The earliest, called, par excellence, "The Mechanics' Institute," in Southampton Buildings, Holborn (opened in 1824), which formerly had about 1200 members, has, at present (1850), about 600. The subscription is 24s. a year, and 2s. 6d. at entrance. Classes are established for languages, arithmetic, geometry, &c., and the library, which comprises 6,500 vols., is said to be well selected. The Western Literary Institution, the City Insti-

This number (35, does not include the low class of periodical mentaling chiefly from Wych Street and the purileus of bt. Giles's.

no LONDON.

tution, in Aldersgate Street, and other establishments of the same kind in various districts, have since been founded.

Among the many endowed schools in the metropolis, the most celebrated are: 1. Westminster School, founded by Queen Elizabeth in 1560, for the free instruction, clothing, board, and lodgment of 40 boys, called king's scholars. But, in point of fact, their education is not free, but, at present (1850), costs, with board and lodging, about 45%. a year. The school is attended by other boys, partly boarders and partly day-boarders, the number of whom varies according to circumstances. The king's scholars are selected for merit from the whole school. At the end of the 4th year, 8 or 10 of the senior boys are elected off, according to the vacancies occurring, as students to Christchurch, Oxford, or as scholars to Trinity College, Cambridge. The school forms part of the col-Legiate establishment of the abbey. Dryden and Locke were educated in it; and William Murray, the famous Earl Mansfield, was a king's scholar, and dux in 1728. 2. The Charterhouse (corrupted from *Charterux*), founded in 1611, and endowed with property, the gross rental of which, in 1815, was 22,000L a year. There are on the foundation boys of two classes, pensioners and scholars, both nominated by the governors, among whom are usually some of the most distinguished personages in the country. The number of pensioners is limited to 80, and that of scholars to 44. The former are boarded and lodged at the expense of the hospital, and have, in addition, a pension of 25/. a year (whence their name) and a gown: the scholars are educated wholly at the expense of the hospital, but have no pension. The exhibitions to the universities belonging to this school do not appear to be limited in point of number. Boys elected to them have their option both as to college and university; and are allowed 801. a year for the first 8 years, and 100l. for proceeding to the degree of B.A. Gratuities of 100l. are given to those scholars who do not proceed to either university. Besides the foundation-boys, the school is attended by others, whose number fluctuates according to the reputation of the masters, &c. 8. Merchant-Tailors' school, founded in 1561, in Suffolk Lane, Thames Street. The statutes provide that a classical education be furnished gratis for 100 boys, and for 150 others at rates varying from 52, to 22, 6d, a quarter. The scholars are examined once a year, and the most advanced are sent to Oxford, where the school has 43 fellow-ships, of which 37 were founded in St. John's by Sir Thomas White: it has, also, 7 fellowships at Cambridge. This school is in a very efficient state. 4. St. Paul's School, established in 1509 by Dean Colet, and placed by him under the di-rection of the Mercers' Company, provides a free education for 158 boys, the most advanced of whom are sent to Oxford and Cambridge, with exhibitions varying from 50L, or less, to 120L in value. The present building was erected in 1824; the gross income of the school is upwards of 6,000L, and it enjoys a high character. It has to boast of having had Milton for a pupil. 5. Christ's Hospital, more commonly known as the Blue-coat School, was incorporated by Edward VI. in 1553, and owes its origin to the active benevolence of some distinguished citizens. It was, whatever may be the case at present, originally intended to maintain, clothe, and educate the young and helpless; and 340 boys and girls were admitted soon after its foundation. A second charter from Charles II., in 1678, provided for the education of 40 boys in mathematics and other learning calculated to qualify them for the sea-service. The management of the institution is vested in a

body of governors (nearly 500 in 1850), who have each contributed, at least 400L, to the funds of the institution; but recently the qualification for a governor has been raised to 500l. An individual, on becoming a governor, is entitled to present one boy; and he has usually a presentation once every succeeding three years. The present (1850) revenue of the hospital, arising from rents, and all other sources, amounts to above 60,000L a year, and its expenditure to nearly as much. establishment in London, on the site of the Old Grey Friars' monastery, accommodates, at present, 920 boys; and it has attached to it a subsidiary establishment at Hertford, for the younger children, where there are usually about 450 boys and 80 girls; making in all about 1450 children, maintained, clothed, and educated by the establishment, There are schools for grammar, mathematics, writing, and drawing. The Grecians, or those most advanced in the grammar school, are sent with valuable exhibitions to Oxford and Cambridge, and those in the mathematical school are placed with commanders of ships, and equipped with clothing and nautical instruments, at the hospital's expense. Others are apprenticed to dif-ferent trades. A magnificent building, called the Great Hall, erected by public subscription, and finished in 1829, opens towards Newgate Street, and is one of the finest ornaments of the city. The hall, in which the children breakfast, dine, and sup, is 187 ft. in length, 51 in width, and 461 ft. high. Occasionally they sup, though with questionable propriety, in public, and on these occasions there is a great concourse of strangers to witness the spectacle. The interior arrangements deserve high praise; and every attention is paid to the health and comfort of the children. The well-known dress of the boys, which has not been changed since the formation of the institution, is, however, not merely antiquated, but inconvenient and uncomfortable; and it is certainly high time that it were modified. Presentations can only be obtained from the governors. 6. The City of London School, established in 1885, may be said to have resulted from the inquiries of the Charity Commissioners. A Mr. Carpenter had left an estate for a school, and the value of the property had greatly increased without any proper applica-tion of the funds. Repeated inquiries and remonstrances at length induced the corporation to establish a school on the site of Honey-lane Market. Cheapside. The system of instruction is good, and the school is attended by upwards of 500 boys. The buildings, occupying a space 180 ft. long and 80 ft. broad, are commodiously contrived, and have externally some pretensions to architectural ele-gance. Independently of these and other endowed schools, almost every parish supports a free school by voluntary contributions, and thus about 14,000 children of both sexes are clothed and educated. The number of private and Sunday schools is extremely great, but cannot be accurately estimated. The National Society, in connexion with the Church of England, has done much to diffuse education. In Middlesex only it supplies instruction in weekday and Sunday schools to no fewer than 80,000 children; of whom about 22,000 attend week-day schools only, and 19,000 Sunday schools only. The model school of this society is in the Sanctuary, Westminster. Great numbers of children are also taught in the Lancastrian method by the British and Foreign School Society. The model boys' school belonging to this society in the Borough Road has about 700 boys, and the model girls' school, about 300 girls in constant attendance. Both this and the National Society have normal schools for the instruction of school-masters and school-mistresses. Much, however, still remains to be done towards giving a sound elementary education to the children of the industrious classes; though it must, at the same time, be admitted that the benefits of which it is expected to be productive have been ridiculously exaggerated.

The charges on account of education at most of the superior schools in London, except to boys on the foundation, are oppressively high, the most reasonable being three times as expensive as the High School of Edinburgh, which is quite equal to the best of them. This circumstance, combined with the want of schools in many districts, and the wish to improve their health, has led to the practice, so general in London, of sending children to the outskirts of the town to be boarded and educated. But the education in very many of these boarding establishments is of a very worthless description; and it is surprising that no effort should have been made by subjecting the masters to examination, establishing proprietary boarding-schools, or otherwise, to improve the quality of these suburban seminaries.

British Museum. - This national institution, established in 1753, is an immense repository of books, MSS., statues, coins, and other antiquities, specimens of animals and minerals, etc., and is, in most respects, one of the richest in Europe. It is principally deposited in buildings raised on the site of Montague House, formerly the residence of the Duke of Montague, Great Russell Street, Bloomsbury. The nucleus of the collection was purchased by government of Sir Hans Sloane's executors for 20,000L, and the museum was first opened to the public in January, 1759. But Montague House, though spacious as a private residence, having been found inadequate to the proper accommodation of the vast and continually increasing collections that belong to the museum, a new quadrangular building, on a very extensive plan, was designed by Sir R. Smirke, and is now open to the public. In 1755 the Harleian MSS. were purchased, and the Cottonian library was removed from Dean's Yard, Westminster: in 1757 the royal library, founded by Henry VIII. out of the libraries of the suppressed monasteries, and enlarged by his different successors, was presented by George II. George III., in 1763, gave a valuable collection of pamphlets on the civil wars; and between 1806 and 1818 the Lansdowne, Hargrave, and Burney MSS. were purchased at an expense of 26,400l. Various presents have been made from time to time; the most valuable additions of late years having been the library of George III., collected at an expense of 200,000L, and presented to the Museum by his successor*, and the sumptuous collection of Mr. George Grenville, valued at 60,000l., and bequeathed by him to the nation. Modern English publications are added, free of expense, in consequence of a privilege which this establishment enjoys in common with the two universities, and some other bodies, of receiving gratis a copy of every book entered at Stationers' Hall. A considerable sum (it amounted, in 1848, to about 21,400L) is expended in the purchase of old and foreign books, to which departments very extensive and valuable additions have been made of late years. The collection comprises in all about 460,000 printed books, and 31,000 MSS., exclusive of charters. The want of a catalogue raisonné, or rather, perhaps, of a series of such catalogues, is much complained of by the great majority of persons who resort to the library for study or research. The reading-rooms are open from 9 till 4 in winter, and till 7 in the evening during 4 summer months. Admission is procured

It is much to be regretted that this library was not placed in a considir situation in the W. end of the town.

by a recommendatory letter either to one of the trustees, or to the chief librarian; and every facility is given by the numerous attendants for the most extensive research. No books are allowed to be taken out, it being supposed that such permission would lead to frequent and heavy losses; but, provided the value of the books were previously deposited, we incline to think that certain descriptions of works might be lent out with advantage. In the department of antiquities may be mentioned the collection of Egyptian monuments, including the famous Rosetta stone (see Vol. I. p. 751.), acquired at the capitulation of Alexandria, in 1801; the Townley marbles, purchased for 28,000*l.*; the Phigalian and the Elgin marbles, the cost of which was 35,000*l.*; the latter include the statues of Theseus and Ilissus, and the sculptures in altorilievo, from the friezes of the Parthenon. recently the stock of antiquities has been much increased by the winged bulls and other interesting remains dug up from the ruins of Nineveh, and sent home by Mr. Lavard. The collection of minerals was, for many years, deficient in various important particulars; but the additions purchased from Messrs. Hawkins and Mantell are extremely valuable; and now, both for size and classification, this department will bear to be compared with any mineralogical collection in Europe. The department of zoology is said to be rich; but we confess we do not see the advantage of filling the museum with stuffed representations of animals that may be seen alive in the zoological gardens and in every menagerie. The collection of medals, which has been accumulating since the foundation of the museum, consists of about 20,000 coins, above 6,000 being purchased with the Hamilton collection of Herculanean antiquities, in 1772. The coins can only be seen by an order from a trustee, or a private introduction to the officer to whose charge they are entrusted. The public days at the museum are Mondays, Wednesdays, and Fridays, when all persons have free admission from 10 to 4, and in the summer months from 10 to 7. The building is closed during the first weeks of January, May, and September. The establishment is governed by 48 trustees, 23 of whom are official; and to these the officers are responsible. The chief acting trustees, with whom the appointment of the officers has hitherto rested, are the archbishop of Canterbury, the lord chancellor, and the speaker of the H. of C. But it is probable that in consequence of the late Report of the Commission of Inquiry into the affairs of the Museum, its governing body will be changed, and rendered more efficient.

The Royal College of Surgeons, in Lincoln's Inn Fields, has a fine portico. Its museum contains the anatomical collections of the celebrated John

Hunter, bought by government and deposited in it.
The museum of Practical Geology, in Piccadilly and Jermyn Street, promises to be of much utility, not merely to scientific men, but to those practically engaged in the business of mining. building was erected at the expense of government.

Literary and Scientific Societies.— Before the present century the learned societies of London were few in number, and very comprehensive in their objects. The great advancement of the physical sciences in recent times, and the increased ardour with which every branch of knowledge has been cultivated, have produced a corresponding increase in the number of learned associations, and in all recent instances each body has confined its operations within a limited sphere. The following list comprises some of the principal societies, with the dates of their formation, the objects contemplated by them, when not sufficiently indicated by their names, and the publications made at their expense:—

The Royal Society; physical and mathematical scients

ences. Instituted early in the 17th century; incorporated 1663. "Philosophical Transactions," from the year

The Society of Antiquaries. Instituted 1717; incorporated 1751; but now split into two societies,—the Archeological Institute of Great Britain and Ireland, and the British Archeological Association. "Archeological," from the year 1770.

Modical Society Established 1273. "Vertuge Monu-

and the British Archeological Association. "Archeologia," from the year 1770.

Medical Society. Established 1773. "Vetusta Monumenta," from 1747.

Society of Arts. Stablished 1754, for the encouragement of the arts, commerce, and manufactures of Great British, by granting rewards. "Transactions," from the year 1783.

Linnam Society; natural history. Established 1788; incorporated 1802. "Transactions," from the year 1791. Royal Institution. Established 1799, for the application of science to the ordinary purposes of life. "Journal," from 1810.

Horticultural Society. Established 1804; incorporated 189. "Transactions," from 1812.

1809. "Transactions," from 1812.
Royal Medioo-Chirurgical Society. Established 1806.
Chartered 1831. "Transactions," from the year 1808.
Geological Society. Established 1807; incorporated 1825. "Transactions," from 1811.
Society of Civil Engineers. Established 1817; incorporated 1838. "Transactions," from 1834.
Royal Astronomical Society. Established 1830; incorporated 1831. "Memoirs," from 1824.
Medico-Botanical Society. Established 1821. "Transactions," from 1834.

actions," from 1834.

Royal Asiatic Society. Established 1823; incorporated 1824. "Transactions," from 1827 to 1835; "Journal," from 1834.

om 1694. Royal Society of Literature. Founded 1821; incor-orated 1825. "Transactions," from 1827. Zoological Society. Instituted 1825; incorporated 329. "Transactions," from 1833.

Royal Geographical Society. Chartered 1830. "Journal," from 1831.

al," from 1831. Entomological Society. Established 1834. Established 1833 or 1834. from 1837.

Architectural Society. Established 1831.
Royal Institute of British Architects. Established 1835; incorporated 1838. "Transactions," from 1836.
Royal Botanic Society. Chartered 1839.
Nearly all these societies hold meetings twice a month.

from November to June inclusive; at which papers are read illustrative of matters connected with the objects of each association.

Picture Galleries. - The present national collection of pictures is of recent foundation, and though valuable, can only be looked upon as the nucleus of one that may hereafter be worthy of the country. It occupies the W. wing of the National Gallery, erected 1884-87, at the public expense, on the N.W. side of Trafalgar Square, facing Whitehall and Parliament Street, unquestionably the finest situation in the metropolis. The building has a front of 460 ft., with a portico and dome in its centre, supported by Corinthian columns. But whether it were owing to the limited means at the disposal of the architect, or to some incapacity on his part, the fabric is neither worthy of its site, its object, nor of the country. Unfortunately, too, the defects of its exterior are not countervailed by any superiority of internal economy, the apartments for the exhibition of the pictures being miserably deficient in point of size, and ill-arranged. The pictures, which consist of the Angerstein collection, purchased in 1824, of Sir G. Beaumont's collection, given by him in 1898, and of other partly presented and partly 1826, and of others, partly presented and partly purchased, are arranged in five rooms, of such diminutive size, that they will contain only a few more pictures, and none of large size. About half more pictures, and none of large size. About nan the pictures belong to the Italian school; and of these the *Ecos Homo*, and the Mercury, Venus, and Cupid, of Correggio; the Raising of Lazarus, by Sebastian del Piombo; the Bacchus and Ariadne, of Titian; and the Holy Family, by Murillo, are reckoned the most valuable. The works of the two Caracci, N. and G. Poussin, and Claude, may be here seen in their highest perfection; and there are some fine specimens of the English

open to the public on the first four days of the week: on Friday and Saturday students are permitted to copy the pictures. The pictures, mostly by native artists, bequeathed to the public by the late Robert Vernon, Esq., have been deposited in the meantime in Marlborough House. The Royal Academy, which at present (by permission of government) occupies the remainder of the National Gallery, was established in 1768, for the instruction of young artists: lectures are delivered in anatomy, painting, sculpture, and architecture, and daily instructions are given to the students by the keeper, and other academicians. The annual exhibition of this corporate society usually comprises about 1,200 specimens of art, and is one of the favourite lounges during the summer months. The profits of the exhibition, besides paying the expenses of the schools, contribute to form incomes for the most deserving artists, while studying at Rome. (See Comm. Report on the Arts, &c. of 1838.) The Society of British Artists exhibits annually a good collection of pictures; but, as a whole, they are very inferior to those exhibited by the Academy. The British Institution, and Society of Painters in Water Colours, have, also, exhibitions, and their rooms are crowded during the fashionable season. Many private individuals have splendid galleries, among which may be specified those of the Earl of Ellesmere, the Marquis of Westminster, the Duke of Sutherland, Sir Robert Peel, Mr. Hope, &c.

Sutherland, Sir Robert Peel, Mr. Hope, &c.

Theatres and Music. — The great theatres of modern London present a curious contrast to the rude and confined buildings called the Globe, Blackfriars, and Old Drury, in the time of Shakspeare, in which neither scenery nor the comfort of the audience was at all considered. The two patent theatres, Drury Lane and Covent Garden, contiguous to each other, have handsome exteriors, and very extensive and highly decorated interiors. They enjoy, or rather are supposed to enjoy, the exclusive privilege of representing tragedy and comedy, or the legitimate drama. But this monopoly is no longer of much, or, perhaps, of any value. Late dinner hours, the changes or caprices of fashion, the inferiority of the actors, and other causes, have contributed to weaken the taste for the regular drama. Concerts, operas, masked balls, and so forth, at present enjoy the largest share of public favour. But it is not, speiking generally, mough to make them trofitable concerns. Tragedy and comedy have long ceased to be the staples of Covent Garden. For a while it was leased by the Anti-cornal wa gitators: and more recently it has been converted into an Italiam opera-house in opposition to Her Majesty's theatre. But, owing to the immense expensional testife theatre. But, owing to the immense expensionate the state of the taste, which has recently enjoyed more than ordinanty prosperity, is of sansier size, and therefore bettes adapted for hearing, than the immense attending it, this has not been a successful speculation. The Haymarket theatre, which has recently enjoyed more than ordinanty prosperity, is of sansier size, and therefore bettes adapted for hearing, than the immense attending it, this has not been a successful speculation causes above mentioned: it is open for about eight months of the year, including the receases of the two Theatres and Music. - The great theatres of modern houses above mentioned: It is open for about eight months of the year, including the recesses of the two patent theatres. Besides these, there are several minor theatres, the names, localities, and objects of the princi-pal of which are given in the following table:—

Names.	Localities.	Objects.
St. James's ld arylebone Lycesion Princeas's Adelphi Strrand Olympic City of Lendon Garrick Sadier's Wells Astley's Surrey Victoria	Strand Oxford Street Strand Ditto Wych Street Tottenham crt. Rd. Natun Folgate Goodman's Fields Clerkenvell Lambeth Blackfriars' Road	Operas and farces Drama & Eng. Opera Operas and farces Operas, &c. Spectacles & burlettas Birts Birts Birts Birts Ditto Disto Drama Leg. Drama, Metodrama Metodrama Metodrama Metodrama Metodrama Metodrama

Among these, Astley's, or Batty's, deserves notice, for the excellent horsemsmship displayed by the corps dra-statique: it is equal, perhaps superior, to that exhibited in the Franconi theatre at Paris. The Italian Opera House, in the Haymarket, is the largest theatre in London. It scarcely, however, de-serves the name of a national theatre, inasmuch as the

wilson, Wilkie, and Lawrence. The gallery is singers, dancers, and musicians are chiefly foreigners,

and as it depends for its support chiefly on the patronage of the court, nobility, and higher classes, many of whom hold private boxes, at rents varying from 190% to 500% a year. All the patronage of rank and wealth, however, cannot, owing to the enormous cost of the performances, make it a good speculation for the manager. The established London concerts consist of the ancient, philharmonic, and sacred harmonic concerts, all of which are well and fashionably attended; many others are given by professional persons, for their own benefit, in the different public rooms in the W. end. Promenade concerts are, also, given in imitation of those of Paris.

for their own beneat, in the discrete public rooms in the W. end. Promenade concerts are, also, given in initiation of those of Paris.

Benevolens Institutions.—There are a vast many establishments in London for the cure of disease; consisting parity of hospitals properly so called; parily dispensaries, where medicine and advice are gratuitously administered; and parily of infirmaries for special diadministered; and partly of infirmaries for special diseases; with lying-in charities. Asylums for orphans and otherwise destitute persons, and other benevolent establishments, are, also, very numerous; and some of them are well endowed and liberally supported. The principal are the following:

1. St. Bartholossew's Hospital, in West Smithfield, was first founded in the 18th century, and refounded by Henry VIII. in 1846. The building, a spacious quadrangular structure, are reducible modern, having been

Henry VIII. in 1546. The building, a spacious quadrangular structure, is principally modern, having been finished in 1770. It makes up 580 beds. In 1848, 71,973 were relieved by this hospital, viz. 5,826 in-patients, 19449 out-patients, and 46,698 casual do. Necessity is the only recommendation to this institution; and patients are received without limitation. The medical staff is equal to any in the metropolis. The staircase was gratuitously painted by Hogarth. 2. Guy's Hospital, St. Thomas's Street, Southwark, founded in 1721, contains accommodation for 580 in-patients, and has an excellent museum and theatre of anatomy. This magnificent bospital, which consists of two quadrangles and two wings, was founded and endowed by Thomas Guy, a bookseller, who expended 18,7394. upon the and two wings, was founded and endowed by Thomas Guy, a bookseller, who expended 18,793L upon the building, and left 219,419L for its endowment—the largest sum, perhaps, that has ever been expended by any individual on similar purposes. Recently, however, Guy's hospital has met with another benefactor, but little inferior, in point of liberality, to its founder; a citizen, of the name of Thomas Hunt, having bequealined to it, in 1829, the princely sum of 200,000! The medical citizen, of the name of Thomas Hunt, having bequeathed to it, in 1829, the princely sum of 200,000? I The medical school attached to this hospital, while under the super-intendence of the late Sir Astley Cooper, was one of the most extensive, and probably, also, the best in the empire. 3. St. Thomas's Hospital, in High Street, Borough, was formed out of two other charilles by Edward VI., and rebuilt in 1893. Additions were made in 1732, and a large part was rebuilt in 1893. It contains 18 wards, and 428 beds. It has an income of about 25,000c. a year, derived almost wholly from rents of estates in London and the country. 4. St. George's Hospital, near Hyde Park corner, lately rebuilt, has a fine front, 900 ft. in length, facing the Green Park. It accommodates 460 in-patients. 5. The Middlesex Hospital, near Oxford Street, founded in 1745, has 285 beds, and relieves numerous out-patients. 6. London Hospital, Summany, exhibiting the leading Objects of the Charites

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in Whitechapel, was founded in 1740. Its wards accommodate about 280 patients. 7. Westminster Hospital, rebuilt in 1833, sear the Abbey, has 174 beds; but 3 wards, containing space for 50 additional beds, are unfurnished, not withstanding there is a great demand for hospital accommodation (Lose, p. 8). 8. The Mary-le-Bone and Paddington Hospital, opened in 1850, has 150 beds, which it is proposed to increase to 276, supposing the necessary funds to be forthcoming. This, and the four last mentioned bospitals, depend wholly, or almost wholly, on authority subscriptions, which are said to be very insufficient to meet the demands upon them. The University College and King's College Hospitals, and Charing Cross Hospital, are smaller establishments of the same nature, each accommodating about 120 patients, and there are other establishments of the same sort.

Medical schools are connected with the above hospitals, in which lectures are delivered by the officers, and which are attended, altogether, by about 1,300 students.

Bethlehem Hospital, or Bedlam, is appropriated ex-clusively to the insane poor; it was founded in 1546, in Moorfields, whence it was removed, in 1815, to St. George's Fields. The present building received some extensive additions in 1839, and is now 697 ft. in length,

extensive additions in 1839, and is now 697 ft. in length, "and possesses, from its elevation and extent, an appearance approaching to the magnificent." The rooms are large and airy, well warmed and ventilated, and are sufficient for the accommodation of above 400 patients. St. Luke's, Old Street Road, established for a similar purpose in 1751, accommodates 560 persons.

The Foundling Hospital, Brunswick Square, was rounded by Capt. Coram, in 1739, but the building was not commenced till 1742. It was established for the indiscriminate admission of deserted children; but the numbers were found to increase so rapidly, that the funds falled, and in 1760 the mode of admission was so much altered, that it is now nominally only a Foundling Hospital. The number of children averages about 500, and they are maintained till the age of 13, when they are either apprenticed or otherwise provided for. The revenue is about 10,000f. per annum; which will increase according as the leases fall in of the houses built on its estate.

The Magdalen Hospital, Blackfriars Road, was established in 1748, for the reformation of females who have

fallen into vicious courses.

fallen into vicious courses.

The Philanthropic Institution, St. George's Fields, was founded, in 1788, for the reception and reform of young criminals discharged from prison. It provides them with immediate means of subsistence, and instructs them in some trade, so as to prevent the otherwise almost inevitable necessity of their returning to their former habits.

former habits.

It would far exceed our limits to attempt even to enumerate the names of the various charitable institutions in and about the metropolis. But those who wish for information respecting them will find the principal facts in regard to each institution, accurately and clearly stated in the comprehensive and valuable little work of Mr. Sampson Low on the Charities of London, published to the names twent (1950). We have no feed to the comprehensive and the property of the comprehensive and the property of the comprehensive and the com in the present year (1850). We borrow from this work a

Summary, exhibiting the leading Objects of the Charitable Institutions of London, the Number in each Class, the Periods when they were founded, and their incomes, distinguishing between the Funds derived from voluntary Contributions, and from other Sources.

Objects.	Founded in present Century.	Founded in 18th Century.	Founded previous to 18th Century.	Total,	Income from voluntary Contribu- tions.	Income de- rived from funded Pro- perty, or otherwise secured.	Total.
General medical hospitals Medical charities for special purposes General dispensaries Reversation of Bfe and public morals	5 38 32 11	6 11 15 1	: : :	12 60 36 12	21,265 27,974 11,470 8,730	111,641 68,690 2,954 2,773	# 142,906 96,664 14,424 11,508
Reclaiming the fallen, and staying the progress of crime. Relief of general destitution and distress Belief of specified distress. Alding the resources of the industrious For the bilind, deaf, and dumb	14 12 9 13	4 2 1 1 5	: , :	18 14 12 14•	16,299 20,646 19,478 4,677 11,968	18,787 5,234 10,408 2,569 22,797	35,036 23,580 29,881 7,246 34,762
Colleges, bospitals, and other asylume for the aged. Charitable peneton societies Charitable and provident, chiefly for specified.	10 14	*	60	105† 16	5,857 15,790	77,190 3,199	83,047 18 ,96 9
Claimes Asylums for orphana and other necessitous	56 16	15 15	8	74 319	19,905 55,466	83,52±‡ 95,549	103, 22 7 81,015
Bducational foundations i Charitable modern ditto School societies, religious book, Church aiding,	. 5		10	10	15,000	78,112 9,300	95,112 13,300
and Christian visiting, &c. T Bble and missionary	96 97 —	5 8 —		40 35 —	159,853 494,494	158,336** 63,066 —	518,189 557,652
Total	294	109	88	491	922,864	741,869	1,664,738

Does not include libraries, modern colleges, or proprietary s

Hotels and Taverns.—There are about 30 great hotels, situated chiefly in the W. end of the town, in the neighbourhood of Piccadilly. "In these establishments," says Prince Puckler Muskau, "every thing is infinitely richer and more abundant than on the Continent." The commercial and other inns are scattered over all The commercial and other inns are scattered over all parts of the metropolis. They are generally respectable establishments, some of them being quite as commodious, if not so elegant, as the fashionable hotels. The establishments of licensed victualiers, meaning thereby all taverns and other places where wine and spirits are sold by retail on the premises, amounted, in 1649, to 4,523. Many, perhaps most part, of these are respectably conducted, though some are of an opposite character. The publicans furnish their guests not only with beer and spirits, but also with dhing accommodation. &c. The gin or dram shops have been very much embellished of late years; and many of them are so handsomely, and even spiendidly, fitted up, that they have acquired and are entitled to the name of "gin palaces." But notwithstanding the number and magnificence of these establishments, there is no real room or ground for the prevalent opinion, as to the increase of intemperance. No doubt it is much too widely diffused but it nevertheless admits of demonstration, that, as compared with the doubt it is much too widely diffused: but it nevertheless admits of demonstration, that, as compared with the pop., the consumption of spirits in the metropolis is now much less than in the reign of George II., and the greater part of that of George III.; and that there has been a corresponding improvement in the habits of

the lower classes.

In 1849, 2,054 houses were licensed for the retail sale of beer only. The eating-houses and coffee-rooms, where spirits are not sold, are more numerous in the city than in Westmiuster. Many tradesmen let portions of their houses in lodgings, and thus, in fact, frequently defray either the whole or a considerable portion of the rent of their shops; and many families receive boarders. The expense of living in these establishments varies, of course, with the quality of the house and the means of the guest. A lodger at an inn can hardly be accommodated, on a moderate scale, below 10s. a day, including all expenses of board, food, and servants; the maximum of the scale will, of course, depend on the habits or caprice of the guest. Board and lodging in private houses may be obtained at a somewhat lower rate than at hotels; but single men in lodgings usually dine at an eating-house, and families generally prefer boarding at their own cost. A dinner (without wine) at an ordinary eating-house costs from 1s. 6d. to 2s.; and seldom exceeds 5s. at the more elegant establishments. In most cases the guest may depend on every attention; and at the superior houses he will find all the luxures of the season.

Chabs. — There are about 35 clubs in the metropolis. In 1849, 2,054 houses were licensed for the retail sale of

Chubs.—There are about 35 clubs in the metropolis. A few of these establishments, such as White's, Brookes's, Boodle's, and Arthur's, are of ancient date; but their Boodle's, and Arthur's, are of ancient date; but their present arrangements and constitution are of recent introduction. The accommodation they afford to gentlemen only occasionally visiting town, and to others desirous of enjoying the luxuries of a splendid establishment, at a moderate expense, and of meeting with a great variety of society, has made them popular among the upper classes. The club-houses are mostly edifices of a very superior character; and add much to the magnificence of the squares and streets in which they are situated. Each club consists of a limited number of anembers, varying from 700 to 1,500; they are admitted by ballot, pay a certain sum at entrance, from 10 to 26 situated. Each club consists of a limited number of members, varying from 700 to 1,500; they are admitted by ballot, pay a certain sum at entrance, from 10 to 26 guineas, and an annual subscription, varying from 5 to 10 guineas. The club-houses are fitted up with every luxury of a fashionable hotel, have excellent libraries, take in the best periodical publications, and provide dinuers, coffee, wines, &c., at reasonable prices. Some of the clubs are avowedly of a political character, and others are devoted exclusively to certain classes. Among these may be specified the Carlton, Reform, City, Conservative, United Service, Oxford and Cambridge, Traveller's, Oriental, West Indian, Army and Navy, &c.; but most clubs are open, on election, to all gentlemen without reference to party or profession. Most part of the club-houses are at the W. end of the town, particularly in Pail Mail and St. James's Street. The building erected for the Reform Club, by Mr. Barry, is one of the finest structures belonging to this class of edifices; and is fitted up with equal taste and magnificence. The city of London has two club-houses, which, in point of elegance and luxury, may vie with those of the W. end. The number of members in the different clubs may be about 28,000. about 28,000.

about 28,000.

Courts of Law. — The Courts of Chancery, Queen's
Bench, Common Pleas, and Exchequer (the respective
provinces of which are described in the art. ENGLAND
AND WALES), occupy apartments on the W. side of AND WALES, occupy apartments on the W. side of Westminster Hall. This hall, built by William Rufus, was long supposed to be the largest in Europe unsupported by pillars. It measures 288 R. in length by

66 in breadth, and is 110 ft. high; but these dimensions have been much surpassed by the great plate-glass hall of Ravenhead, which is 339 ft. long, and 155 ft. wide, with a proportional height. Weatminster Hall has been used for coronation banquets, the last of which was given when George IV. was crowned. Parliaments was given when George IV. was crowned. Parliaments have often met in it, and it is occasionally appropriated to important trials; among which may be specified that of Charles I., and more recently those of Warren Hastings and Lord Melville. Ordinarily, however, it is a mere promenade for lawyers during the sitting of the courts. The Lord Chancellor sits out of term-time in the hall of Lincoln's lim. The Master of the Rolls sits in the Rolls Court, Westminster, and in the Rolls Court in the Rolls House, Chancery Lane. The Vice-Chancellors sit in Westminster Hall, and in Lincoln's Inn.

Chancellors sit in Westminster Hall, and in Lincoln's Inn.

The Central Criminal Court, the jurisdiction of which extends to all places within 10 m. of St Paul's, was established in 1834. Its sittings are held at the Old Bailey, a stone building close to Newgate, once a month, and generally last five or six days at a time. There are two halls, of confined dimensions, in both of which the judges are engaged in trying prisoners during the sessions. The Lord Mayor's Court, of which the Recorder of London is judge, will be noticed subsequently. The Court of Bankruptcy is in Basinghall Street, within the city of London; the Court for the relief of Insolvent Debtors, in Portugal Street, Lincoln's Inn Fields; the Ecclesiastical and Admiralty Courts, in Doctors' Common, near St. Paul's, &c. The Marshalsea and Palace Courts and the Courts of Requests, have recently been abolished. The latter have been replaced by the County Courts, instituted to facilitate the recovery of debt under 50t., of which there are 10 within the metropolis and its immediate environs. No fewer than 86,631 plaints were entered before these courts in 1848. (Art. Bioland And Marks, Vol. I. p. 783.)

Inns of Court.—The Inns of Court, originally colleges for legal study, are now little more than residences for lawyers, or indeed for any one who chooses to hire chambers in them. They are not incorporated, and cannot, consequently, make bye-laws; but, by prescription, their customs have obtained the force of laws. A law student, before being called to the bar, has now only to be entered as member of one of these inns. and to dine a certain number of times in the common hall, in order to qualify himself for the exercise of his profession. This is termed "eating" his way to the bar.

A law student, before being called to the bar, has now only to be entered as member of one of these inns. and to dine a certain number of times in the common hall, in order to qualify himself for the exercise of his profession. This is termed "eating" his way to the bar.

Among the chief inns are the Inner and Middle Temple, in the liberty or district so called adjoining Temple Bar, and between the Strand. Fleet Street, and the Thames. This district originally belonged to and took its name from the knights templars; and having, after their downfall, been held in lease by students of the common law, the property, which had come into the possession of the crown, was conferred by James I. on the two societies, and their successors. The Temple Gardens, which have some fine trees, and are well laid out, are skirted by the Thames. The Middle Temple Hall, 100 ft. in length, and the Temple Church, are especially worth notice. The latter consists of a circular and a rectangular portion. The former, which is a perfect circle, of three stories, in the Norman style, was erective in 185; and the latter, in the early English style in 1940. This venerable atructure was completely repaired and renovated in 1839-42, the original style of its different parts being carefully preserved, at an expense of about 70,000. It is now, in all respects, one of the most splendid and interesting ecclesiastical edifices in London. Besides various monuments of the age of the crusades, it has some of a more modern date, inc. one in honour of the Ecclesiastical Policy, was, for six years, one of its preachers. Subordinate to the Temple are Clifford's, Clement's, Lyon's, and New Inns.

Lincoln's Inn is situated between Chancellor holds his stitines during a portion of the year in the old hall; and the Vice-Chancellors sit in adjoining buildings.

Lincoln's lin is situated between Chancery Lane and Lincoln's Inn Fields. The Lord Chancellor bolds his sitting during a portion of the year in the old hall; and the Vice-Chancellors sit in adjoining buildings. The society have recently erected, in the gardens, a magnificent hall and library, from the designs of Mr. Hardwick, opened by her Majesty, in person, in 1845. It is in the Tudor style, brick, with stone dressings. The Hall is 120 ft. in length, by 45 ft. in width, and 62 ft. in height; the library, 80 ft. in length, 40 ft. in width, and 44 ft. in height; is furnished with a valuable collection of books. There are, also, Gray's lin, on the N. side of Holborn, having attached to it Staple's inn, and Barnard's linn. Furnival's linn is subordinate to Lincoln's linn. Thavies linn, and some others, are mere private residences.

inu, and some others, are mere private residences.

^{*} At Whitechapel, Shoreditch, Clerkenwell, Bloomsbury, Brompton, Mary-le-Bone, Westminster. Southwark, Greenwich, and Lambeth. There are, also, courts at Bow, Brentford, and Wandsworth.

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Prisons.—There are about a dosen criminal prisons, of which 5 are in the city of London. 1. Newgate, under the control of the corporation, is a building, the architecture of which is singularly appropriate to and characteristic of its destination. It was a prison early in the 18th century; but the present edifice was erected in 1779, and again repaired after the riots of 1780. This, which may be called the great metropolitan goal, may contain proper accommodation for 200 or 400 prisoners; but before the meeting of sessions it has sometimes as many as 1000 or more crowded within its walls waiting for trial; and it then, no doubt, deserves some portion, at least, of the reproaches which have been made against it. In front of this prison all the criminals of London and Middlesex, capitally convicted, suffer the last penalty of the law.

2. The Bridewell, near Blackfrians Bridge (once a royal palace), is a house of correction for vagrants, pilferers. capitally convictors, super the last penalty of the law.

2. The Bridewell, near Blackfirlars Bridge (once a royal palace), is a house of correction for vagrants, pilferers, or disorderly persons, summarily convicted before the lard mayor and aldermen. The number confined averages 100. The building is said to be inconvenient for the parposes of penal discipline. "The prisoners dine together in day-rooms without superintendence, and there is little or nothing in the discipline to deter either the old or young offender." (Inspectors' Report, 1880.)

3. Giltapur Street compter, opposite St. Sepulchre's church, a plain edifice with a stone front, is used as a place of confinement for all prisoners tried at the Central Criminal Court and the London sessions, and summarily convicted within the jurisdiction of the city magistrates; a house of correction is attached to it. It holds about 250.

4. Clerkenwell prison, belonging to the county of Middlesex, is one of a similar character with the last. It serves, also, as an auxiliary to Newgate, receiving prisoners resex, is one of a similar character with the last. It serves, also, as an auxiliary to Newgate, receiving prisoners remanded from the police courts, or committed for trial at the general sessions. 5. Cold-Bath-Fields prison, a very bath building, near Gray's Inn Lane, is a manded from the seasons. 5. Cold-Bath-Fields prison, a very extensive brick building, near Gray's Inn Lane, is a house of correction for Middleser; and contains felons, misdemeanants, rogues and vagabonds. It is an insulated brick building, containing spacious courts and airing grounds. The classification is good, and the silent system is followed, connected with hard labour. A large tread mill employs 320 prisoners at a time. This leht system is followed, connected with nard labour. A large tread mill employs 320 prisoners at a time. This prison accommodates upwards of 1,200. 5. The West-minster house of correction, in Tothill-Fields, for criminals from all parts of Middlesex, begun in 1831 and finished in 1834, is surrounded by a lofty wall, with a complete roadway outside: it is built on the Panopticon principle, and has a court-yard in the centre 250 ft. at diameter, with nitron round it for 500 persons: but in diameter, with prisons round it for 600 persons; but the average number confined is 350. The arrangement of the building is said to be excellent; and the window of the governor's house commands a complete view of all the day-rooms and yards, and of the 2 tread-wheels. Instruction is given to juvenile offenders. The wheels, instruction is great to first incomments. In stained, 7. The penitentiary, at Milbank, Westminster, built on the Panopticon principle, has no peculiar con-nection with the metropolis, but is intended for the con-finement and reformation of criminals whose sentence of transportation or death has not been executed, or has been commuted. It contains accommodation for 1,190 been commuted. It contains accommodation for 1,190 prisoners; the number of immates averaging about 600. The building is insulated, and is surrounded by a wail enclosing i8 acres of ground. 8. The Pentonville Prison, Pentonville, is appropriated to the confinement of male prisoners under sentence of transportation. 9. The Surrey county gaol is in Horsemonger Lane, Newington Causeway. It contains about 360 prisoners, and there is little classification. The top of the building is used as a place of execution. 10. The borough compter, in Mill Street, is a house of correction for female prisoners, and is said to be well managed; average number of immates about 40. 11. The Brixton House of Correction is exclusively confined to prisoners sentenced to hard labour at the assistes and sessions, or by magnitrates, under sumclusively common to prisoners sentenced to nare industriates at the assisten and sessions, or by magnistrates, under summary convictions. Hard labour and the silent system are rigorously enforced. A new prison is now being built at Holloway to accommodate 400 prisoners on, what is said to be, an improved plan. It is intended to receive

is said to be, an improved plan. It is intended to receive convicted prisoners only.

The principal prisons for debtors are, 1. The Queen's Bench, in the borough, chiefy used for debtors on process from the Court of Queen's Bench, but also for persons committed for libels, contempts, &c. It is a spacious healthy prison, containing 207 rooms, in which 500 persons have occasionally been confined at once. The 5 & 6 Vict. c. 22. abolished the former practice of granting day rules, and of nermitting prisoners to reside within 6 Vict. c. 22. abolished the former practice of granting day rules, and of permitting prisoners to reside within the rules, which comprised a space of nearly 1 sq. m. 2. White Cross Street prison, in the street of that name, in the city, is inconveniently built and badly managed. Its confined extent, when compared with the average number of the immates, and the disorder prevalent in every part of it, are not a little discreditable to the corporation of London. The prisons for debtors have been comparatively deserted since the changes introduced within these few years into the law respecting imprison-

ment for debt. Formerly they were often very much crowded, and parties used to be confined in them for long periods of years.

crowded, and parties used to be confined in them for long periods of years.

A great deal has been effected, of late years, in regard to the improvement of prisons and of prison accommodation; but we doubt much whether the grand object of a prison has not been very frequently lost sight of in these and other reforms. A prison ought to be made a terror to, and not an asylum for, evil-doers; it should be a place of punishment as well as of safe custody; and if the immates in prisons be lodged better and fed batter than the generality of the poorer classes, they are perverted from their principal object, and become incentives to, instead of checks upon, crime. The efforts made to instruct and improve the grown-up occupants of gaols, of which we have heard so much, have, in truth, had little other effect than to turn them out more accomplished and dexterous villains than when they entered them. entered them

entered them.

Crimes.— The crimes committed in London are both grave and numerous; but the degree of demoralisation, as compared with the pop., is not greater than in other places offering the same facility for successful depredation, and having an equal amount of poverty. The Report of the Constab. Comm. gives the following statement of depredators known to the metropolitan police in

Burglars and housebreakers -		217
Highway-robbers	-	38
Pick-pockets and common thieves	-	4,430
Coiners and utterers of base coin		345
Forgers	•	3
Swindlers, &c	•	320
Horse and dog stealers -	-	152
Begging-letter impostors -	•	136
Disorderlies, habitual		2,786
Vagrants	-	2,295
Street prostitutes	-	6,37 i

The annual average of convictions during several late The annual average of convictions during several late years within the metropolis and its environs exceeds 4,800, more than half of which are for slight crimes, demanding six or three months' imprisonment. Capital offences, except murder, are now generally punished by transportation for life to Norfolk Island. The executions in London have latterly not exceeded two or three a year. The serious crimes of the metropolis are, perhaps, on the decrease; and the frequent notification of them at present is more owing to the vigilance of the police, who detect and prosecute offenders, than to any actual increase of crime.

crease of crime.

Police. — Till 1820, the police of London had the reputation of being the most defective establishment of the tation of being the most esecutive establishment of the kind in Europe. A great reformation, however, has been effected within the last few years, and the me-tropolls is now, perhaps, superior in this respect to any other city in Europe. There are 18 police offices, 2 of which are in the city, and one in Southwark. These

The Guildhall, in the	Vincent Square, Westmins- ter.
	High Street, Marylebone.
Bow Street, near Covent	
Garden.	Oxford Street.
Clerkenwell, Bagnigge	Worship Street, Finsbury
Wells Road.	Square.
Hammersmith and Wands-	Kennington Lane.
worth, in Wandsworth.	Union Öffice, Southwark.
Greenwich and Woolwich.	Thames Police, Wapping.

The first two of these offices are regulated by the city The first two of these offices are regulated by the city authorities; the rest are under the control of the Secretary of State. Magistrates sit every day at each office, to hear and determine cases of misdemeanour and breach of the peace, as well as to examine and commit for trial all persons accused of felonies, to administer oaths, swear in constables, and perform other magisterial functions. A number of officers is appropriated to each establishment, and a river police is attached to the Thames office.

Thames office.

The chief instrument of preserving the peace of the metropolis is the metropolitan police, established by Sir R. Peel in 1829. This body is dispersed over the whole of London, excepting the city, which is protected by a distinct body, of similar character, but less effective and not so well disciplined. The city police is under the and not so well disciplined. The city police is under the control of the corporation: the other force is governed by two commissioners, who communicate directly with the Secretary of State for the Home Department. The whole body is distributed into 18 divisions, each being under a superintendent, and having each a conveniently situated station-house. The force consists at present (1850) of 18 superintendents, 123 inspectors, 584 serjeants, and 4,805 constables. The sphere of their duties reaches beyond the metropolis; and comprises, with the exception of the city of London, the whole country within 15 m. of Charing

Cross. The expense is defrayed by an assessment limited to & in the pound on the parish rates, the de ficiency being made up by the treasury. The city, as before said, is not under the charge of the metropolitan police, but is protected by a body of men organised on the plan, and in imitation of the arrangements of that body, but placed under the city authorities. The city police, consisting, in 1860, of 860 officers and men, is divided into six companies, to each of which belong inspectors, scrieants, and constables, and the whole is immediately under the control of a superintendent. All the constables, both of the city and metropolitan police, wear a blue uniform, with the number of each man, and a letter designating the division to which he belongs, on the colar of his coat. They are constantly on duty, day and night; but the force is increased at night.

Return of the Number of Persons taken into Custody by the City Police, and the Results, in each Year from 1844 to 1848 inclusive.

	Numb	er of Pe	rsons tak	en into (Custody.
Results.	1844.	1845.	1846.	1847.	1848.
Discharged by magis- trates Summarily convicted or held to ball Tried and convicted	2,080 1,954 194 42	2,098 2,215 354	2,342 2,318 327 55	2,177 2,622 509	1,831 3,504 396 61
Tried and acquitted Bill not found, or dis- charged by prociam- ation Drunken persons, dis- charges not entertained	5 5,906 4,337	78 5 3,349 4,114	8 5,966 4,253	18 2,968 3,807	15 2,810 3,865
Vagrante: — Discharged at stations Discharged by magistrates Committed to prison Sent to unions, dec.	87 104 52	67 116 222 32	50 75 171	64 70 165 93	89 948 494 106
•	12,161				13,419
In addition to the above offunders, the num- ber of destitute per- sons was	1,669	1,532	764	835	1.269

Return of the Number of Persons taken into Custody by the Metropolitan Police Force, and the Results, in each Year from 1844 to 1848 inclusive.

Year.	Taken into Castody.	Decharged by the Magiernia.	Summerly Convicted, or beld to Bail.	Committed for Trial.	Convicted and Sentenced.	Acquirtsd.	Bills not found, or not prosecuted.
1844 1845 1846 1847 1848	62,592 59,123 62,434 62,181 64,480	30,317 31,389 31,672 31,683	23,890 26,833 24,689 27,274	5,118 5,9% 5,5%	3,126 3,548 8,828 4,551 4,364	812 987 878 917 905	866 881 406 452 254
Total	311,140	156,308	119,057	25,775	19,417	4,499	1,859

Pemperium and Mendicity. — London, with all its wealth and its many societies for the relief of distress, contains much misery and indigence, of which a large proportion is attributable more to demoralisation tress, contains much misery and indigence, of which a large proportion is attributable more to demoralisation than mere misfortume. Since the Poor Law Amendment Act, most of the metropolitan parishes have placed themselves under its regulations, only il parishes still adhering to the old system of meintaining their poor. The money raised by rates, and expended for the relief of the poor, in the metropolis in 1846-47, inc. Chelses, Greenwich, Lewisham, &c., amounted to 534,5691, assessed upon property valued at 8,520,5181. as year. The mendicants, a class almost wholly separate from the paupers, pursue their vocation almost as regularly and with as much success as tradesmen. The Mendicity Society have laboured usefully in exposing the impositions of mendicants; but neither their agents nor the police have been able wholly to suppress them. Of the Loudon beggars, nine out of ten are gross impostors and convicted vagrants; and of these the very worst are the blind and cripples. The records of the above Society afford surprising proofs of the profilage of the regular street-beggars, and the investeracy of their idle and dishouest babits. The metropolitan police, in 1837, apprehended 4,200 mendicants." (Metr. Police Off. Rep., 1838.) The really indigent are relieved by take institution entitled the Reduce for the Politece of the continue of the Reduce for the Politece of the results and the Reduce for the Politece of the continue of the Reduce for the Politece for the Politece of the Politece for the Politece of the polite of the politece of the Politece for the Politece of the Polite Rep. 1836.) The really indigent are relieved by an institution, entitled the Refuge for the Destitute, which provides a meal and a bed for those who give satisfactory proof of requiring such assistance. The private

lodgings of mendicants are crowded, unwholesome, and literally sinks of iniquity.

Water.—The supply of London with water was anciently procured from brooks running through the city. The increase of inhabitants made these sources insufficient in this of the city. ciently procured from brooks running through the city. The increase of inhabitants made these sources insuficient; while, at the same time, they became less accessible, owing to the encroachment of buildings. To remedy this inconvenience, water was brought by leaden pipes in the 13th century from Tyburn, then a mere country village, into the city, where it slowed into conduits from which the inhah, drew it at pleasure. In the beginning of the 17th century Sir Hugh Myddelton projected, and, despite the greatest difficultiles, carried into effect, in 1613, his plan for bringing the water of two copious springs in Hertfordshire to London, by an aqueduct, called the New River, 40 m in length, including windings. The Thames has long been one of the great sources of supply; and, as early as 1841, water-wheels and other bydraulic machinery were established at London Bridge. These wheels, which at one time raised 45,000 hogs, per day, were wholly removed when the old bridge was pulled down. The greater number, however, of the existing water-companies derive their supply from the Thames, the water being filtered in immense reservoirs. In 1834 the following account of the houses supplied with water, and of the quantity furnished to each, with the different rates of charge, was laid before the H. of C.:

Water Companies.	Houses supplied.	Total yearly supply.	Daily average to each.	Charge per 1,000 hlids.
New River Company - Chelsen do Grand Junction do W. Middlesex do B. London do S. Lendon do Lambeth do Southwark do	70,145 13,892 8,780 16,000 46,441 12,046 16,684 7,100	Aug Ada, 114,650,000 15,753,000 21,702,567 20,000,000 37,810,000 8,100,000 11,998,600 7,000,000	galls. 241 168 363 185 121 100 124	s. d. 17 ¥ 29 0 48 6 45 6 28 0 15 0 17 0 21 0
Total water supply	191,066	237,014,761		

Total water supply 191,066 237,014,761

In every street in London there are fire-plugs or cocks, at any of which a copious supply of water should be obtained in a few minutes in case of fire; though it must be admitted that the supply has sometimes, through neglect, been very long delayed, to the great injury of property. Much water is also used in watering the streets and improving the drainage: indeed, scarcely a third part of the supply is used for purposes strictly domestic. Abundant springs of the finest water may be procured in all parts of London, by boring below the clay strata; but no public measures have yet been taken to ensure a supply from this source, or (excepting the New River) from springs at a distance. It is probable, however, that steps will, at no distant period, be taken to effect this object.

Seures.—The sewers of London, which began to be constructed so early as 1429, constitute a system of orainage unknown to most modern cities; and, though out of sight and hardly appreciable except by engineers, they have excited the aubilect. Their depth is, in most cases, sufficient to drain the deepest cellars in each neighbourhood, and the size of the main branches rivals that of the celebrated Roman Cloace. But notwithstanding what has been done, a vast deal still remains to be accomplished before the sewerage can he said to be on a perfectly satisfactory footing. In some low neighbourhoods, such as Wapping, Stepney, Bethnal Green, Bermondsey, Westminster, &c., it is still very imperfect, and wherever this is the case, maliguant fevers and other epideinc diseases, make fearful ravages among the lower classes. The sewers were formerly under the direction of diff rent boards of commissioners. Inasmuch, however, as these bodies frequently entertained conflicting views, it was resolved, to obtain that among the lower classes. The sewers were to impery under the direction of diff rent boards of commissioners. Inasmuch, however, as these bodies frequently entertained conflicting views, it was resolved, to obtain that unity of view and of action which in such matters is so essential, to consolidate the different metropolitan boards into a single board. But though the new board comprises some very able men, their proceedings have not hitherto, perhaps, been very satisfactory. A good deal of allowance should, however, be made for the all but insuperable difficulties of the task they have undertaken. Hitherto the river has formed the grand outlet, the opinion has become very general that the Thames should no longer be employed for such a purpose; and that a vast subterranean canal should be dug on each side the river to receive the drainage of the sewers coming from the interior of the town, and to convey it to some considerable distance from the city where it may be converted to useful purposes, and hindered from polluting the waters of the river. Whether this grand project will ever be fully carried out, or whether if carried out

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It will have the beneficial effects that have been antici-pated, are questions more easily proposed than answered. But whatever may be done with this grand project, it is to be hoped that no further time may be lost in taking measures for the effectual drainage of those parts of the town where sewers are defective, or where they are

wanting.

measures for the effectual drainage of those parts of the town where sewers are defective, or where they are wanting.

Passing.— The streets of London are not only well paved for carriages, but they have also on both sides, for the accommodation of pedestrians, smooth and usually wide flagged footways, raised some inches above the carriage way. This advantage it enjoys in common with most English towns; but few cities on the Continent are provided with a similar convenience, though Paris has in some measure followed the example, in streets wide enough to admit of it. The paving is under the control of numerous boards, each of which has its particular district. It is conjectured that the amount expended in paving the streets of London exceeds 200,000, per ann. Pavement was first laid down in the metropolis in 1417, in Holborn. In 1615, the plan of having footways of broad stone was begun, but it did not become universal until the middle of last century. For some time past the principal streets have been paved with granite, mostly brought from Aberdeen. Very recently, indeed, some portions of them have been paved with wooden blocks; and how singular soever it may appear, this sort of pavement was found to be quite as durable as granite, while it lessened the wear and tear of carriages, the dust, and noise. Unluckily, however, it becomes so very slippery in wet weather that horses are very apt to stumble upon it; and as no means of obviating this serious defect have been discovered, it has been rather generally given up. Lighting.—The metropolis is excellently lighted with gas, even in its most remote and secluded parts. Without going back to 1416, when lanterns were first hung out before citizens' houses, or even 3 centuries later, when an act passed to compel housekeepers to light up a lamp for 5 hours during the dark nights; many may remember the old old lamps, which were said by a foreigner to "edge the streets with two long lines of prightish little dots indicative of light, but yielding very little."

M. Sim

little."

M. Simond somewhat exaggerated the deficiency; but still the difference between the old and present plan of lighting is immense. Gas was first tried in London in 1807, but with little success, as no means had then been discovered for removing its impurities. Pall Mail had been for some years the only street thus lighted, when, in 1816, a charter was obtained by a gas company, which slowly but certainly extended its operations. The profit of the semalistical lad to the formation of other company. slowly but certainly extended its operations. The profit of this speculation led to the formation of other com-

in isto, a charrier was obtained by agas company, which is slowly but certainly extended its operations. The profit of this speculation led to the formation of other companies; but it was not till 1890 that any considerable portion of the metropolis adopted gas. From that period, however, public bodies and private traders began rapidly to introduce it into their establishments, and parochaid boards adopted the luminous gas jets in lieu of the sickly glimmering oil-lanterus. There are now 13 gas companies, who may probably produce, at an average, 12,000,000 cubic feet of gas every 24 hours. The number of lights is variously estimated: in 1825 it was stated before a committee of the H. of C., that the number was nearly 60,000; and there may now, probably, be three times as many or more. The cost of gas has been lately reduced. The price at present (1850) varies from 4s. to 6s. per 1,000 cubic feet.

Fires. — London has suffered from fire oftener, perhaps, than any other capital, except Constantinople: but the precautions taken in rebuilding the city, after the great fire of 1656, were calculated to prevent the recurrence of such a calamity. The streets were made much wider, bricks and stones were substituted for wood, and party walls were built between adjacent buildings. At a subsequent period the Building Act (14 Geo. 3. c. 78.) compelled the erection of thick party-walls between the separate tenements, and obliged each parish to keep one or more fire-engines always ready for service. The various insurance offices also began to maintain firengines at their own expense, attended by bodies of well-disciplined firemen; and in 1826 some of the largest of these establishments entered into an arrangement, by which all their force was put under one superintendent. The fire-brigade association was gradually joined by the other offices, and at present all the London insurance offices contribute to support this most efficient establishment confices contribute to support this most efficient establishment confices contribu other offices, and at present all the London insurance offices contribute to support this most efficient establishment. One superintendent now guides the whole, aided by about 100 foremen and engineers, who are placed at 18 different stations in all parts of the town and suburbs. The firemen, who are all numbered, wear a uniform of dark grey and a strong leathern helmet; a third part of their body is always on duty, and they are provided with the best means of extinguishing frees, and rescuing persons in danger. The average number of fires for the 2 years ending with 1850, was 853 per annum; of which number 601 were slight, and 262 seriously destructive.

Health .- "The metropolis has in itself all the elements of a healthy city. If the tides leave the elements of a meaning city.

the banks of the Thames exposed, that great river sweeps through the city from W. to E. and the winds rush fresh over its waters. The land rises in undulations to Hampstead Heath, and the Surrey hills; pure water is abundant, and would flow under almost every street; the artificial heat and gas, noisome as it sometimes is, ascends in a vast column to the sky, and is replaced by under-currents from the surrounding country.

(App. to Regist. Gen. 2d Rep.)
But notwithstanding these favourable circumstances, London was long exceedingly unhealthy, and down to 1666 was hardly ever free from the plague. This excess of mortality was, no doubt, occasioned by the wretched state of the town. The streets were then narrow, crooked, many of them unpaved, and generally filthy: the houses, built of wood and lofty, were dark, irregular, and ill-contrived: each story projected over the one below, so that they almost met at the top, thereby precluding, as much as possible, the escape of foul and the access of pure air: the shops were also furnished with enormous signs, which being suspended cross-wise in the middle of the street, tended still further to prevent ventilation: the sewers were, at the same time, in a very imperfect state, the drains which conveyed away the filth not being arched over, but running above ground; and if we add to this the deficiency of water, and the prevalence of sluttishness in-doors, which then existed to an extent not easily to be imagined . we need not wonder at the ravages made by the plague and other diseases. (See Maitland's Hist. of London, passim; and Heberden's Tract on

Diseases, p. 71.)
In 1593, the deaths by the plague within the bills of mortality amounted to 11,503; in 1603 to 30,561; in 1623 to 35,403; in 1636, to 10,400; and in the dreadful pestilence of 1665 they rose to 68,596! And it is impossible to say how soon it might have again burst forth, had it not been for the severe but providential visitation of the great fire by which it was immediately followed, and which, by destroying the most crowded and ill-built parts of the city, afforded an opportunity, which was luckily embraced, of rebuilding them on a better and more commodious plan. Very severe regulations were then also laid down for the enforcement of cleanliness; and the supply of water being at the same time augmented and better distributed, and the drains greatly improved and arched over, London has not been again visited by any very destructive epidemics. Still, however, the mortality during the first half of last century was very great; and Short, Corbyn Morris, Price, and other well-informed writers of the period, indulge in hitter complaints of the severe drain on the country, o casioned by the waste of life in London. The pop. appears, indeed, to have declined between 1740 and 1750; and during the 10 years ending with 1768, the burials appear to have amounted at an average to 22,596 a year, while the baptisms did not exceed 15,710. (Price, vol. ii. p. 86.) A portion, however of this enormous discrepancy is apparent only, and may be ac-counted for by omissions in the registers of

^{**} Brassma, who risined England in the reign of Henry VIII., and was well acquainted with the country, secribes the prevalence of the revealing sichness (a specie of players) and the player to the brown nodious form and had exposition of the house, the lithiness of the attrects, and the distingual within doors. In a later to Cardinal Wolsey's physician he says, speaking of London.—" Candaries sale five strate and argilla, thus are pin putations, as a later to Cardinal Wolsey's physician he says, speaking of London.—" Candaries sale five strate area argilla; but are pin putations, as a later of the candaries are properly to the control of the candaries are properly to the control of the candaries are properly can control of the candaries are properly as the candaries are properly as a candaries are p

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baptisms. But it is, notwithstanding, abundantly certain that the deaths very materially exceeded the births at the period referred to; and that they preserved this ascendancy down to a much later period. The mortality in 1765-1775 was estimated at about 1 in 20, or 5 per cent. of the existing population; but from this period a very material change for the better began to take place. In 1790 the baptisms, for the first time, exceeded the burials; and during the 10 years ending with 1820, there was an excess in the total number of baptisms of 51,000 over the total number of burials. This excess has since continued to increase. Hence it is plain, supposing no unfavourable change to take place, that London might go on adding indefinitely to her population, without drawing a single recruit from the country.

The mortality of London in the 7 ordinary years (1838-44), was at the average rate of 25 deaths annually out of every 1000 inhab. mortality, in the same time, was 22 in 1000, over all England; and only 16 or 18 in 1000, in the healthiest districts of the country: in 11 of the 38 London districts the mortality was lower than in all England; in 6 of the districts, from 28 to 30 in 1000 of the inhab. died annually. The region round Smithfield, Blackfriars Bridge, and the Tower, is the most unhealthy; the healthier tracts include Lewisham, Hanover Square, Camberwell and Hackney. The mortality of Paris is about 33 in 1000 annually; being higher, consequently, than the mortality of the worst districts of London.*

The mortality of males in London is 27, of females 23 in 1000: so that out of equal numbers living of the two sexes, 5 males die to 4 females.

The mortality of boys under 5 years of age, is at the rate of 93 in 1000; of girls of the same age, 80 in 1000: the mortality then rapidly declines, and at the age of 10-15, is at the rate of 5 in 1000 in both sexes; at the age of 15-25, only 8 males and 6 females in 1000 die annually; at the age of 25-35. 11 men and 9 women in 1000 die annually. The mortality then rapidly increases, and 18 men and 14 women in 1000, of the age of 35-45, die annually. It is worthy of remark that at the corresponding age (35-45), the mortality of men and women, in all England, is equal, being at the rate of 12 in 1000 annually. The excess in the mortality of men in London continues up to an advanced age: and is partly accounted for by the fact that a great number of the women are domestic servants, while the men are artisans, and

work in close, dirty, crowded rooms.
Of 519,757 deaths in London, during the 10 years 1840-49, the causes were returned in 516,708 instances, 9,146 being referred to small-pox, 13,161 to measles, 17,574 to hooping-cough, and 19,084 to scarlatina. These diseases, with water on the brain and convulsions, are chiefly incidental to childhood. So also are pulmonary inflammations, including bronchitis, pleurisy, and pneumonia, which were fatal in 57,924 cases. Of the diseases that attack adults, typhus and consumption are the most destructive; 19 695 deaths having been ascribed to the former and 69,414 to the latter malady. 4,164 women died in childbirth; 13,614 persons died violent deaths. Dysentery, which was formerly so common, caused only 1,961 deaths; diarrhea 13,505, cholera 15,521. The three latter diseases prevail in summer, the inflammations of the cheat in winter.

Annales d'Hygiène, Oct. 1850, p. 362.

About 1 in 6 of the people of London die in workhouses, hospitals, or lunatic asylums.

Cholera broke out as an epidemic in 1832-34, and again in 1848-49, when it was fatal to above 14,000 persons. The mortality of this above 14,000 persons. epidemic was greatest in low, badly drained, poor districts. It killed 66 in every 10,000 of the inhabitants; but war nearly three times as fatal on the S. as on the N. si Je of the Thames. The chief differences in the circumstances of the people N. and S. of the river are shown in the annexed table from the Registrar-General's returns.

London.	North Side of the River.	fouth ide of th. River.	
39	51	5	Elevation of the ground in feet
30	512	14	above Trinity high water mark. Density, or number of persons to
7		6	an acre, 1849. Number of inhabitants to each
40	46	25	house, 1841. Annual value in pounds, of houses, assessed to Income Tax for year
13	12	18	ending April 5. 1843. Pence paid for relief of the poor to every it. of house rent an-
66	44	127	mually, 1849-45. Deaths from Cholera to 10,000 persons living in 60 weeks, ending Nov. 94th, 1849.
252	251	157	Destis from all cases annually to 10,000 persons (5,000 males, 5,000 females), living during the 7 years 1838-44.

The deaths have been reduced from 5 per cent. of the inhabitants in the 17th century, to 21 per cent. in the present day; and it is gratifying to find, upon looking into the causes of the excess of mortality which still prevails, that all of them may either be mitigated or counteracted. Measures will, no doubt, be speedily taken for removing Smithfield market and the houses for the slaughter of cattle from the centre of the city; and for interring the dead at a distance from human dwellings. If purer water be required it may be procured, and supplied in abundance. The houses and workshops of the poorer classes have been and may be farther improved. The abuses of the inferior lodging-houses should, in as far as practicable, be corrected. And the sewerage should be perfected. And, were these things done, London, which is now less unhealthy than any other large city, would, probably, enjoy an immunity from epidemics, and be nearly as salubrious as the country in its vicinage.

"It is found, from a comparison of the seve-

ral metropolitan districts, that, cateris paribus, the mortality increases as the density of the pop. increases, and that where the density and the pop, are the same, the rate of mortality depends on the efficiency of the ventilation, and of the means employed for the removal of impurities." (App. to Regist. Gen. 1st Rep.) Epidemic diseases in the crowded parts of London are attended with nearly double the mortality that belongs to them in more airy districts; and diseases of the respiratory system are increased diseases of the respiratory system are increased 50 per cent. in close neighbourhoods. Mr. Farr's statements in the Report of the Registrar General, in regard to the importance of ventilation and drainage, are fully corroborated by Dr. Smith, Dr. Arnot, and other authorities. The following table (next page) represents the mean annual mortality per cent. in the metropolis, and in England and Wales, from 12 classes of disease. (2d Rep. App. p. 13.)

Summer is the healthiest, winter the most fatal season: and this rule has prevailed since the be-

season: and this rule has prevailed since the beginning of last century. The deaths out of 100 living (1838) averaged in Jan., Feb., March, 35; in Apr., May, June, 70; in July, Aug., Sep., 60; in Oct., Nov., Dec., 66.

Classes of Disease.	Classes of Disease.			
1. Epidemic Endemic	:	:}	-748	-452
Contagious - 2. Nervous system - 3. Respiratory Organs	:	:'	·437 ·770	·338 ·605
4. Circulating do 5, Digustive do	:	:	*045 *160	1094 1149
6. Urinary do. 7. Generative do.	:	:	1013	-021
8. Locomotive do. • 9. Integumentary system	:	:	*021	*014 *003 *295
10. Uncertain	:	:	*945 *219 *075	*237 *081
12. Violent deaths -	÷	÷	2:800	8.203
Population to 1 square	e mi	le -	26,903	269

Increase of Population. - It is much to be regretted that there are no accurate accounts of the population of London previously to the census of 1801. The population of the city was how-ever, estimated by Graunt, the well-informed author of the famous Treatise on Bills of Mor-tality, at 384,000 in 1661, and adding 1-5th to this for the population of Westminster, Lambeth, Stepney, and other or westminster, Lambeth, Stepney, and other outlying parishes, he estimated the entire population at about 460,000. (Observations, &c. 5th ed. p. 82. and p. 105.) In all large towns, except (as in Petersburg,) there be a great excess of military, the number of females is, in modern times, found invariably to exceed that of males; but, if we may depend on Graunt's estimate, the reverse was the case in the city of London at the epoch referred to, for he makes the number of males 199,112, and of females only 184,886. (p. 83.) In 1696 the population of the city and the out parishes was carefully estimated, by the celebrated Gregory King, at 527,560; and considering the great additions that had been made to the metropolis between the Restoration and the Revolution, this increase does not seem to be greater than we should have been led to infer from Graunt's estimate. population advanced slowly during the first half of last century, and indeed, as already stated, it fell off between 1740 and 1750. In his tract on fell off between 1740 and 1750. In his tract on the population of England, published in 1762, Dr. Price estimated the population of London, in 1777, at only 543,420. (p. 5.) But there can be no doubt that this estimate, like that which he gave of the population of the kingdom, was very decidedly under the mark; and the probability seems to be that, in 1777, London had from 640,000 to 650,000 inhaba. Its population amounted, including Chelsea, as has been already seen, to 888,198 in 1801, and to 1,873,676 in 1841; and at present it is probably little short of, if it do not exceed, the prodigious sum of 2,100,000 -the greatest number of human beings ever, we believe, congregated within the same space, in any age or country.

"Opulent, enlarg'd, and still Increasing Lamon: Babylon of old, Not more the glery of the earth than she, A more accomplish'd world's chief glory now."

London is, no doubt, principally indebted for her extraordinary rise and unexampled magnitude, to her admirable situation, on a great navigable river within a short distance of the sea, and in the centre of a rich and fertile country, of which she is naturally the emporium. Her river enables her to obtain abundant supplies of all the pulkier descriptions of products, not only of all parts of the United Kingdom, but also of the world, at the lowest possible cost. The advantages thence resulting have been great and obvious. A city in an inland situation never could

have attained to any thing like the colossal magnitude of London. Indeed, almost all great cities, in all ages of the world, have been built either on the sea-shore or on the banks of some great navigable river. Paris is probably the largest city that ever existed without any very great command of water carriage. But her advance has been slow compared with that of London; and notwithstanding the advantage she has long enjoyed, from being the capital of a powerful monarchy, and the residence of a polished and luxurious court, her population is not, at this moment. half that of London.

The extraordinary growth of the latter during the present century seems to be mainly attri-butable to the same causes that have increased wealth and population in other parts of the empire, that is, to the progress of arts, manufactures, and commerce. Though not in the factures, and commerce. Though not in the manufacturing districts, London is now, by means of canals, railways, and other improved means of communication, intimately connected with them; and the many advantages she enjoys as a trading and commercial port, will always secure for her a large share of the shipments of manufactured products. London has also derived a vast accession of influence from her being the set of government, the place where the dividends on the public debt are paid, where all transfers of stock are effected, and where all the important pecuniary transac-tions of the empire are ultimately adjusted. And how paradoxical soever it may at first sight appear, it is certainly true that the very magnitude of London is an efficient cause of her continued increase. The greater a city be-comes, the greater is the scope she affords for the exercise of every talent and acquirement, and for the gratification of every taste and desire; and the more powerful, consequently, are the motives by which she attracts all sorts of individuals, whether aspiring or careless, industrious or idle, grave or gay, virtuous or profligate.

The brief but comprehensive account given by Seneca, of the motives which drew so great a concourse of people to imperial Rome, applies without the alteration of a syllable to London: — "Aspice agedum hane frequentium, cui vix urbis immense tecta sufficient. Ex municipiis et coloniis suis, ex toto denique orbe terrarum confluerennt. Alios adducti ambito, alios necessitas officii publici, alios imposita legatio, alios luxuria, opulentum et opportunum vitius locum quarens: alios liberalium studiorum cupiditas, alios spectacula: quoedam traxit amicitia, quoedam industria, latam ostendendæ virtuti nacta materiam: quidam venalem formam attulerunt, quidam venalem eloquentiam. Nullum non hominum genus concurrit in urbem, et virtutibus et vitius magna præmia ponentem." — Consolat. ad Helvium, cap. 6.

Vast as London is, the chances are, should the country continue to prosper, that she, also, will continue to increase in magnitude; and the progress she has already made, unprecedented as it has been, may, not improbably, be surpassed by that

which she is yet destined to make.

Habits, Condition, &c. — The peculiarities of character belonging to the inhab. of London must be learnt from observing the manners of the middle and lower classes, especially the latter; for the higher classes, who reside in it only during four or five months of the spring and summer, can scarcely be called Londoners. Great activity, unwearied diligence in business, a shrewd perception of character, and an ever-watchful regard to self-interest, not unmingled, however, with generosity, are the chief characteristics of the native pop. Owing to the extreme subdi-

 $^{\,\,^{\}pm}$ Nee the Tracts of the Rev. Mr. Howlett and of Mr. Wales, in answer to Dr. Price.

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vision of employments, and the undivided attention which most individuals give to their own pursuit, the citizens are, for the most part, sin-gularly expert in it, and proportionally ignorant of every thing else. This, however, is less so now than formerly; the extensive circulation of cheap publications having diffused information in regard to many topics of which the bulk of the pop. had formerly the most imperfect ideas. The principal merchants, bankers, and tradesmen, have generally houses in the environs of the town, or in the country, to which they retire after business during summer; and many indeed, though with little advantage to their business, occupy these houses during the whole year. Others again, who are, or pretend to be, of the highest class, have houses in the W. end of the town as well as in the country, and live in first-rate style. But the expenses in which they are thus involved frequently exceed their means, and are a principal cause of those wild speculations and disgraceful failures which, of late years, have been so very frequent. The wealth of London is not, in truth, to be found amongst those who make the greatest display, but among the quiet living, uncetentatious, tradesmen.

The inferior shopkeepers and tradesmen, though sometimes very wealthy, abstain from all expensive indulgences. Sometimes, indeed, they resort to an over-crowded watering-place for a week or fortnight, trying, in vain, to rid themselves of the anxieties of business. But a far larger number may say, with Mrs. Gilpin,

" For twice ten tedious years, yet we No holiday have seen."

The London tradesman, unlike the Parisian, is essentially domestic. He knows nothing of table-d'hôtes. His visits to the sea side, the country, his friends or club, are all exceptions to his ordinary regularity.

Most classes of skilled workmen receive high wages, which having been little, if at all, reduced since 1815, they are at present much better off than during the war. Their circumstances vary, of course, according to their prudence. Few save money; but all live well, using butchers' meat to an extent unknown any where else, and dressing, on holidays at least, in a style equal to that of the classes above them. Many, not contented with one holiday in the week, keep a second, known as "St. Monday," and not unfrequently a third converting that it is required. a third, sometimes spent in revelry, but more frequently, perhaps, in country excursions with their families. Others, however, work unremittingly from one year's end to the other, con-tent with an Easter or Whit-monday's trip to Gravesend or Sheerness in a steamer, or to Windsor or Brighton by a pleasure train, or to Hampton Court, Richmond, Kew, Hampstead, or Blackheath, on a pic-nic excursion. In summer mornings large parties may be seen leaving town on some such expedition, in vans, well provided with good cheer, and not unfrequently, also, with one or more musicians; and in the evenings the same parties may be seen returning in a state of uproar-ious enjoyment. But it must, notwithstanding, be admitted, that beer shops and gin shops are the favourite resorts of the labouring classes of Lon-

The class of female domestic servants comprises a far greater number of individuals than any other business or occupation in London. Their wages are high, and they are in general extremely well off. Perhaps they are not as provident as they might be, and that money is frequently spent on useless finery that had better be deposited in Savings' banks. Needlewomen, washerwomen, &c.,

especially the former, are not nearly so well off as indoor servants; and it would not, we think, be difficult to show, were this a proper place for such discussions, why this is the case. On the whole, however, it may be safely affirmed that nowhere in the U. K. are the industrious classes, provided they be well conducted, so comfortably situated as in London.

The lowest class of all, those whose means of existence are precarious, disreputable, or dishonest, have peculiar habits. They care little for appearances; and are all but unknown to the rest of the people, except when their wants or delinquencies intrude them on the public notice.

all classes of Londoners, from the highest to the lowest, are brought together on Epsom Downs on the "Derby," or grand race day. The assemblage is as motley as it is immense; but nowhere else in the world is there to be seen so vast a concourse of well-dressed people, splendid equipages, and high-bred horses. All the characteristic humours of the lower classes are displayed on the road and on the Downs.

Environs. — The metropolis is surrounded by a country of varied surface and great productiveness. The ground on the E., W., and S. extends in a flat along the river, which is prevented from inundating it at high water by extensive embankments, probably constructed by the Romans. On the N. the ground rises gradually to an eleva-tion of 800 or 400 ft., and the flat on the S. is also bounded by grounds which attain to a like elevation. The picturesque hills of Surrey, near Dulwich and Norwood, are studded with the villas of citizens, who retire thither from the bustle of town. Blackheath, more to the E., and nearer the river, though not so fashionable as in the days when Greenwich had a palace and a court, continues to be a favourite resort in summer, and its buildings have increased since the access to it has been facilitated by the railway. N. of the metropolis lie Hamp-stead and Highgate, both of which command ex-tensive views of Hertfordshire, Surrey, and other counties: these villages, with others on the N., and Dulwich, Camberwell, Clapham, &c., on the S. side of the river, consist, mostly, of the houses of tradesmen and others who daily visit the city in pursuit of business. This prevalent fashion among the Londoners of fixing their abode in the suburbs has been greatly encouraged by the easy communication afforded by the omni-buses and coaches which run to and from at all hours of the day, and till late at night. Owing to this circumstance, the pop. of the city proper has decreased since the commencement of the present century. It may now, indeed, be called a collection of shops and warehouses rather than of residences for families. The suburban villas vary in size and grandeur, according to the means or tastes of their proprietors; but comfort and neatness are their universal characteristics.

Corporation. — The City of London is under the government of the lord mayor, 2 sheriffs, 25 aldermen, 206 common-councilmen, a recorder, and other officers, and is divided for municipal purposes into 26 wards, each of which is under the government of an alderman. The Saxon denomination for the governor of London was portoral or portreeve, which, about a century after the Couquest, was changed to mayor. This officer was appointed by the Crown till 1215, when the citizens obtained the right of electing their own mayor. The mode of election now followed was fixed in 1476 by an act of common-council.

The lord mayor is annually chosen from the body of aldermen, at a court held at Guildhall on

Michaelmas day, and is sworn in to the duties of his office on the 9th of Nov. following. A grand pageant takes place on the occasion, followed by a dinner and ball at Guildhall. In most instances, though not always, the alderman next in seniority to the lord mayor is elected his successor. He is always free of one of the great city companies, and must have served the office of sheriff. The lord mayor is second only to the sovereign within the city, and at the sovereign's death he takes his seat, at the privy council, and signs before every other subject. His powers are similar to those of a lord-lieutenant of a county, and his authority extends over the whole city and a portion of the

The division of the city into wards appears to have been made very early in the 13th century; there were twenty-four wards, which became twenty-five in the year 1393 by a division of the ward of Farringdon. In 1550 a great part of the bor. of Southwark was formed into a ward, and called Bridge Ward Without; but it is now merely a nominal ward, giving a name to the senior alderman, who on the occasion of a vacancy is removed to it from his own ward, and is then called " the father of the city."

The following is an alphabetical list of the names of the wards, with an indication of their situation, and the number of common-councilmen *:

Aldersgate, on both sides of Aldersgate Street, in-

1. Addersgate, on both sides of Addersgate Street, in-cluding the Post-office. Com. coun. 8. 2. Aldgate, at the E. end of the city, includes the E. ends of Leadenhall Street, and Fenchurch Street, and Crutched Friars, called Alegate in the old list of 1285, given by Mattland. Com. coun. 8. 3. Bassishaw (corrupted from Basinge's-haugh) in-cludes little more than Basinghall Street. Com. coun.

4. Billingsgate, from Billingsgate Market to near Fenchurch Street. Com. coun. 8. 5. Bahopsgate, both sides of Bishopsgate Street. Com.

coun. 14.

6. Bread Street, E. of St. Paul's, and S.W. of Cheapside. Com. coun. 8.

7. Bridge Withia, London Bridge and Fish Street
Hill, includes the Monument. Com. coun. 8.

8. Bridge Without, part of the Borough of South-

wark.

9. Broad Street, between Bishopsgate Ward and Coleman Street, includes the Bank; this is apparently the Lodingsber of the ancient list. Com. coun. 8.

10. Candlewick, between Lombard Street and London Bridge, named from Cannon Street, which was formerly called Candlewick Street. Com. coun. 6.

11. Castle Baynard, from St. Paul's to the Thames.

Com. coun. 8

12. Cheap, both sides of the B. end of Cheapside and the Poultry, including Guildhall. This is probably Ward

For in the ancient list. Com. coun. 8.

13. Coleman Street, includes Lothbury, part of London Wall and Finsbury Circus. Com. coun. 8.

14. Cordwainers, S.B. of Cheapside; includes Bow

14. Cordwainers, S'E of Cheapside; includes Bow Church. Com. coun. 6.
15. Cornhill, a small ward on both sides of Cornhill, includes the Exchange. Com. coun. 6.
16. Cripplegate, reaches from Wood Street, Cheapside, to the boundary of the city on the N.; it includes Fore Street and the Barbican Com. coun. 16.
17. Dowgate, between Southwark Bridge and London Bridge, includes Merchant Taylors' School. Com. coun.

Farringdon Within, includes St. Paul's Cathedral, part of Cheapside, Newgate Street, and Ludgate Street, and reaches the river near Blackfriars Bridge; this and the following are the "Lodgate and Newgate" of the

the following are the "Lodgate and Newgate" of the old list. Com. coun. 14.

19 Farringdon Without, includes Smithfield, the Old Bailey, the Fleet, part of Holborn, and the whole of Fleet Street. Com. coun. 16.

20. Langbourne. includes Fenchurch Street, and a part of Lombard Street. Com. coun. 8.

21. Lime Street, includes the East India House, and a small space around it. Com. coun. 4.

22. Portsoken, Eastward of Houndsditch and the Minories. Com. coun. 8.

23. Queenbithe on the River, W. of Southwark Bridge. Com. coup. 6.

24. Tower, from Tower Hill to Billingsgate, includes the Custom House. Com. coun. 8.

25. Vintry, on the Thames, and both sides of Southwark Bridge. Com. coun. 8.

26. Walbrook, S. of the Mansion House, includes the Mansion House, and the Church of St. Stephen's, Wal-brook. Com. coun. 6.

The aldermen are chosen by such householders as are freemen, and pay an annual rent of 10%. Each alderman is elected for life, and has the direction of the business of his ward, under the superintendence of the lord mayor. They are all justices of the peace within the city. The sheriffs are elected every year, on Midsummer day, by the corporation and freemen, and are sheriffs of the county of Middlesex, as well as of the city of London: they enter on their duties, and are sworn in at Westminster on Michaelmas day. The common councilmen are chosen by the householders in all the wards except Bridge Without. The common councilmen are the representatives of the inhabitants in the "Court of Common Council," which is composed of the lord mayor, aldermen, and common councilmen. This court disposes of the corporation funds, makes laws for the regulation of the city, and nominates certain of the city officers. Its sittings are usually public, and its title "honourable."

It must, however, be admitted that here, as in most other great towns, civic dignities have been long declining in the public estimation. The principal bankers, merchants, and tradesmen, all but uniformly decline serving in any civic office, and rather than do this will submit to pay very heavy fines. In consequence, the offices in question have been filled, for some years past, by an inferior, though still very respectable class of citizens. It has been customary, on certain occasions, to advance lord mayors, and other city functionaries, to the rank of knights and baronets. But it were well that this practice, which has nothing save its antiquity to recommend it, were discontinued. It has sometimes made honours be conferred on very questionable parties.

The Livery consists of freemen of the city, who are also free of one or other of the city companies. Each of these companies was, at its formation, intended to comprise the different individuals within the city, properly so called, engaged in the peculiar department of industry called by its name; and had power to enact bye-laws, and to lay down regulations for the government of the trade. Thus, for example, no one could commence business within the city of London as grocer, mercer, or goldsmith, without being free of the grocers', mercers', or goldsmiths' companies. And this freedom could only be acquired by inherit-ance, serving an apprenticeship to a freeman, or paying a fine, or otherwise, as the company might choose to order; and after admission, all individuals had to conform in the conduct of their business to the rules and regulations laid down by the company. But the inconveniences of this system gradually became obvious; and it has, in consequence, been so much modified, that the privileges of the different incorporated companies no longer oppose any obstacle to individuals from distant parts of the country establishing themselves in business within the city, nor interfere in any degree with the management of their concerns. In fact, any one who pleases may now purchase at Guildhall a licence entitling him to trade within the city for bl. without being free of, or having anything to do with, any company. The city companies have, in truth, become charitable rather than political, or even municipal, institutions. Some of them have a great deal of property. The principal

At first each ward sent 2 councillors, but the number has been dually increased, till it reached 240 in the whole; but by a regula-a made in 1836, the number was reduced to 206.

companies obtained very large grants of land in and admits qualified persons to the freedom of the Ulster during the reign of James I.; and most of city. Courts of Petty Session for small offences them are trustees for sums of money and other are held daily at the Mansion House, by the lord property bequeathed by benevolent individuals. They expend their revenues partly in festivities, but principally in pensions to widows and decayed brethren, the support of schools, &c. There are in all 91 companies, of which 40 have halls, where they transact business, keep their records, and hold festivals. Some of these halls are very fine fabrics; that of the goldsmiths in Foster Lane, rebuilt since 1831, is a magnificent structure; and were it in a situation where it could be seen, would be one of the principal ornaments of the

The following 12 are called the Great Companies, and from one or other of them the lord mayor must be elected :-

Mercera

Grocers. Drapers. Fishmongers. Goldsmiths. Skinners

Merchant Taylors. Haberdashers. Salters. Ironmongers Vintners Clothworkers.

There are about 12,000 liverymen, in whom, previously to the passing of the Reform Act, in 1882, the right of returning the 4 mems. of the H. of C. for the city was exclusively vested. A Common Hall is an assembly of the liverymen, called together at the requisition of a considerable number of their body: the lord mayor is the pre-

sident by right of office.

The Guildhall, where the Corporation meetings, festivals, and common halls are held, stands at the N. end of King Street, Cheapside. been much damaged in the great fire of 1666, it was replaced by the present edifice, constructed of the materials of the old building. The front, added in 1789, is in a heterogeneous style. The great hall, 168 ft. in length, by 48 in breadth, and 58 in height, built and paved of stone, is capable of accommodating 6,000 persons; at least that number were present at the grand entertainment given by the corporation to the allied sovereigns in 1814. At each end of the hall is a magnificent painted glass window in the pointed style; but the roof is flat, panelled, and inappro-priate; and the whole requires to be renovated and made consistent with the original character of the building. In the hall are statues erected by the corporation in honour of Lord Chatham and his son the Right Hon. William Pitt, Nelson, and Alderman Beckford. On the pedestal of the latter is inscribed the famous reply made, or rather said to have been made, in 1770, by Beckford, who was then lord mayor, and one of the mems. for the city, to the answer of his majesty (George III.) to an address and remonstrance of the common-council. At the W. end of the hall are the two wooden giants called Gog and Magog, the subject of so many nursery tales. In the council-chamber, where the lord mayor, aldermen, and commoncouncil hold their courts, is a statue of George III. by Chantrey; it has also a library containing books of reference, relative chiefly to the history of London, and the affairs of the city, and various other rooms for the use of the corporation.

The city has its peculiar courts of law, most of which are held in the Guildhall. The lord mayor's court, for actions of debts and trespass, and for appeals, is presided over by the recorder of the city. The sheriffs hold courts of record four days every week. The Chamberlain's court, held daily, decides disputes between masters and apprentices,

mayor and an alderman, and at the Guildhall by two aldermen. There are also several minor courts.

The revenues of the corporation of London amounted, according to the commissioners' report, to 152,035L in 1831, and to 160,194L in 1832. These large funds are derived from rents of houses and land, market tolls, bequests, interest on go-vernment securities, and a few other sources. The expenditure in the year 1831 was 149,411% and in 1832, 169,256L: the chief items consist of salaries to municipal officers, maintenance of police and prisons, corporation entertainments, purchase of securities, and payment of debts. The lord mayor has 8,000l. a year allowed him to support the dig-nity of his office, and a splendid official residence, the Mansion-house, at the E. end of the Poultry, nearly opposite the Bank. This, which has been much, and in some respects, perhaps, not very justly censured, is a large structure, begun in 1789, and finished in 1769, with a Corinthian portice on a rustic basement. The grand or Egyptian Hall (in which, however, there is nothing Egyptian!), the ball-room, and the saloon, are magnificent apartments, but some of the private spartments. vate apartments, occupied by the lord mayor, are but indifferently lighted. The plate used at civic

very valuable. The city of Westminster was anciently governed by the abbot; but since the reformation it has been under the authority of civil officers nominated by the dean. The chief magistrate is the high steward, generally a nobleman, who holds the office for life; the next is the high bailiff, chosen by the high steward, who also holds the office for life. There are 16 burgesses, whose offices are similar to those of aldermen, each having jurisdiction in a separate ward; out of these are elected two head burgesses, one for the city and the other for the liberties, who take rank after the high bailiff; each burgess has an assistant; there is also a high constable, who has authority over the other constables. The Court of Quarter Sessions is held at the Westminster town-hall four times a The court of St. Martin's-le-Grand is held vear. for the trial of personal actions relating to that part of the liberties. The court-leet is held under the authority of the dean, for choosing officers, removing nuisances, and similar matters.

entertainments belongs to the corporation, and is

Southwark was anciently governed by its own officers, but since the year 1827, it has been for many purposes subject to the lord mayor, who governs by a steward and bailiff, the former of whom holds a court of record every Monday at the Town-hall in the Borough High Street. Another court is held at Bankside for the Clink liberty, a mean densely-peopled district, to the westward of London Bridge.

Parliamentary Representation. — Down to the passing of the Reform Act, in 1832, the metropolis sent 8 mems. to the H. of C., viz. 4 for the city, elected by the liverymen; 2 for the city of Westminster, elected by scot and lot voters; and 2 for the bor. of Southwark, also elected by scot and lot voters. In addition to the above, the Reform Act created 4 new bors., out of parts of the metropolis not included in the former bors.; viz. those of Marylebone, Finsbury, the Tower Hamlets, and Lambeth, giving to each 2 mems. Hence the metropolis now returns 16 mems. to the H. of C. elected by the 10th householders, and those previously in possession of the franchise. Subjoined is an

It appears to be pretty well established that Beckford did not relly made the copy secribed to him.

Account of the Parliamenary Boroughs in the Metropolts, with the Number of their Representatives, and the Electors registered in each in 1849-50.

Plac	×24.			Members.	Electors, 1849-50.
Lendon (City of) Westminster Marylebone Finaltury - Tower Hamlets Seathwark Lambeth -	:::::::::::::::::::::::::::::::::::::::	:	:	4 2 2 2 2 2	20,250 15,312 18,079 17,735 21,131 9,510 16,284
Tet	al			16	118,301

Historical Notice. — Nothing is known of London previously to the invasion of the Romans; and it may be doubted, from the silence of Julius Cessar, whether it then existed, or, at all events, whether it had attained to any considerable magnitude. But, however this may be, it is clear, from the statement of Tacitus (Asnal. lib. xiv. cap. 83.), already referred to, that so early as the reign of Nero it was an important emporium, though not distinguished by the title of colony; and it is doubtful whether it ever attained to that distinction.*

After the Romans had left Britain, and the Saxons had divided the country among themselves, London is supposed to have become the capital of the E. Saxon kingdom. On the introduction of Christianity into England, it was one of the first places to embrace the new faith, and early became a bishop's see. St. Paul's, and St. Peter's, in Westminster, were first founded about this time. In the paucity of intelligence concerning the period of the heptarchy, all we hear of London is, that it suffered severely from fire in 764, 798, and 801, on each of which occasions it is said to have been nearly destroyed. As soon as England had been united under one monarch, it appears to have become the metropolis of the empire; and, in 838, a wittenagemot, or parliament, was held in it to consult on the best means of repelling the Danes, who were ravaging the eastern counties. It was, however, sacked by the Danes in 839: in 982 it was nearly destroyed by fire; and in 994, the inhab. purchased a temporary remission from the attacks of the Danes, by paying them a high ransom.

At the Conquest, London submitted to William, and soon after received a charter in the English language, the original of which is still preserved. Within the 60 years following the Norman conquest it suffered severely by fire on five different occasions; but being then built principally of wood, it was easily repaired from the timber furnished by the extensive forests of Islington and Hornsey, which still existed when Fitzstephen wrote in the succeeding century. London was then unpaved, and, if we may believe the statement of contemporary historians, the rafters of the roof of Bow church, which were blown off by a hurricane in 1091, struck into the ground to a depth of 20 ft. The same hurricane caused so high a tide in the Thames, that the wooden bridge, which had stood 200 years, was carried away by the stream. On the accession of Henry I. in 1100 a new charter was granted to the city, which restored its ancient privileges, as they existed before the Norman conquest, relieved the inhab. from many oppressive services, such as compalsory entertainment of the king's household, and abolished several barbarous customs of the Saxon period. The citizens acquired by this chartes the privileges of choosing that own mea-

gistrates. The Norman monarcha, it is true, sendom respected corporate privileges, even when conceded by themselves; but still this charter was valuable as furnishing a standard to which to refer in future disputes with the crown, and it is said to have served as the model from which Magna Charta was taken. About the middle or the 12th century, it was determined to build a stone bridge over the Thames. The first wooden bridge having, as already stated, been carried away in 1091, was replaced by another, which was burned down in 1186. The bridge erected instead of the latter became so ruinous in less than 80 years, that it was thought a stone bridge would be less costly in the end than the continual repairs required to keep up these unsubstantial, though cheaper structures. The latter, begun in 1176, and finished in 1209, was an extraordinary work for the time; and may be said to have been the very bridge taken down in 1832, though frequent alterations, additions, and repairs, had ma-terially impaired its identity. Three years after its erection a dreadful loss of human life was occasioned by a fire on the bridge, described in Stow's Chronicle: — "The tenth of July at night the city of London upon the S. side of the river of Thames, with the church of our Ladie of the Canons in Southwarke, being on fire, and an exceeding great multitude of people passing the bridge, sodainely the N. parte, by blowing of the S. winde, was also set on fire, and the people which were even now passing the bridge, perceiving the same, would have returned, but were stopped with fire, and it came to passe, that as they protracted time, the S. ende was fired, so that people thronging themselves betwixt the two fires, there came to aide them many ships and vessels, into the which the multitude so undiscreetly pressed, that the ships being drowned, it was saide, there were destroyed about three thousand persons." About this time an order thousand persons. About this time an order was made by the court of aldermen that no house should be built without party walls 3 ft. in thickness, and 16 ft. in height. This order, dated in 1191, was doubtless intended to obviate the recurrence of the fires by which the city had been often partially destroyed; but it was little, if at all, attended to, and is interesting principally from its being the first document in which the chief magistrate of London is designated Lord Mayor. He had hitherto been called Chief Bailiff.

In the year 1211 the citizens began to form a deep ditch, 200 ft. in width, without the city wall on all sides, as a means of defence against King John. In 1218 the forest of Middlesex was cleared, and the citizens of London were permitted to purchase land and build thereon. Thus was begun that part of the metropolis which stands N. of the city, and is now so populous. In 1221, Henry III. laid the first stone of the present Westminster Abbey. In 1236, water pipes began to be laid down in the city, which had previously been supplied with water from wells and rivulets running through it into the Thames, the names, at least, of some of which are still preserved. The pipes now referred to brought a copious stream from springs at Tyburn, a village on the site of the present Oxford Street, near its W. end, to the city of London. Various leaden cisterns, named conduits, were afterwards constructed for the reception of the water, whence it was drawn by the inhabitants. In 1282, during a great frost, such masses of ice were brought down the Thames, that 5 arches of London Bridge were destroyed. In 1804 the first recorder was appointed.

Early in the 14th century coal began to be im-

charter the privilege of choosing their own ma
2 In a note on this passace Brotier says: "Urbs options inspending conferration. — Quod notes in count ratio memoria unicum est commission, per less encodes occurs insuper cipus colebrates, nume formal

ported into London; and a notion having got abroad that its smoke was injurious to the public health, parliament petitioned the king, Edward I., in 1816, to prohibit the burning of coal, on the ground of its being an intolerable nuisance! But experience served, in no very lengthened period, to dissipate this groundless prejudice. The imports of coal have continued progressively to increase; and its ample supply has been one of the circumstances that have contributed most to the unexampled magnitude of the city, and the comfort of the inhabitants.

In 1328, in consequence of the facility with which felons made their escape from London across the bridge into the adjoining village of Southwark, which, until then, was beyond the mayor's jurisdiction, Edward III. granted a charter assigning this village to the city for ever, and empowering the city magistrates to act in Southwark as in London.

In 1349 the kingdom was scourged by a pestilence which is said to have raged with extreme severity in London. The city was again visited by the plague in 1361; and it is worth notice, that this visitation was ascribed, and probably with good reason, to the corruption occasioned by the slaughter of cattle, sheep, &c., in the city. In consequence his majesty, Edward III., issued a proslamation, forbidding the slaughter of all animals nearer than Stratford and Knightsbridge. But the butchers, tavern-keepers, and others, interested in the support of the Smithfield nuisance, had then, as now, influence enough to set at nought the authority of the monarch, and to perpetuate their pestilential abomination. (Stow's Survey, i. 2, ed. 1754.)

In 1381 the rebellion of Wat Tyler, and his death

In 1881 the rebellion of Wat Tyler, and his death by the hands of the lord mayor, occasioned the addition of the dagger to the city arms, where it still appears. During this century various reforms were effected in the cleaning and paving of the streets. But an effectual stop was put to these and all other improvements in 1892, when, in consequence of the refusal of a loan of 10,000L to King Richard by the corporation, the mayor, sheriffs, aldermen, and principal citizens were imprisoned, heavy penalties exacted, the city franchiese abrogated, and the courts removed to York. Heavy bribes effected a removal of several of these grievances; but the city did not recover its proper influence till the accession of Henry IV.

In the following century the progress of improvement was still more rapid. Lamps were introduced in 1416. Holborn, a part of the Strand, and other principal thoroughfares, were paved; additional conduits and water-pipes were laid down; and wooden houses began to be replaced by others of brick, made in Moorfields. Stocks, for the punishment of disorderly persons, were erected in the different wards. And Guildhall, Leadenhall, and Croeby-house, in Bishopsgate Street (a portion of which has recently been restored), were built.

In the 16th century the advance was much greater. An unusually long exemption from those civil wars which had, under the Plantagenets, inflicted great injury on London, and the kingdom generally, gave leisure to introduce those improvements which distinguish a modern town from a town of the middle ages. The city watch was improved, various nuisances were removed, and street paving became more general. The removal of monasteries had also a great effect in improving London: 54 large and many smaller establishments made way for factories, schools, charitable asyluma, and hospitals. St. Jamee's Palace was built, the park was laid out, and many new build-

ings were erected in Westminster. The two cities were now first joined by a number of mansions of the nobility on the N side of the river; one of which, Northumberland House, still keeps its place. The streets S. of the Strand indicate by their names the site of other mansions that have disappeared. The Royal Exchange was built, and commerce began to flourish. Towards the end of this century water began to be conveyed by machinery into private houses, and the New River was projected.

In the 17th century London assumed its present form, with the exception of the part destroyed by the great fire of 1666. Spitalfields was covered with houses; and before 1666 the space N. of the Strand as far as Holborn, and from Temple Bar to St. Martin's Lane, had been extensively built upon. The parts of Westminster, also, from Charing Cross to St. James's Palace, began to have the appearance of a town. The New River was completed, and many houses were supplied with water. Sewers were dug, smooth pavements were laid down for foot passengers, and hackney-coaches became general.

But, after all, these were but imperfect palliatives of all but incorrigible disorders. We have previously noticed the narrow, dirty, and filthy state of the streets and houses of the city in the 17th century, and the ravages committed in it by the plague, from which it was then rarely, if ever, wholly exempted. And it would have been extremely difficult, or rather, perhaps, impossible, to have introduced a different and improved state of things by legislative or municipal regulations. But what they could not effect was effected by widely different means. On the 2d of Sept. 1666, the great fire broke out in Pudding Lane, near the spot where the Monument was subsequently erected in commemoration of the occurrence. raged till the 5th, when it ceased, rather by pulling down houses in the line of its course, than by the success of the exertions directly to extinguish the flames. The ruins, covering 336 acres, comprised 13,200 houses, 90 churches, and many public and many public buildings; the property destroyed being estimated at 10,000,000*l*. Though productive of great loss, and of much temporary distress and suffering, this conflagration was, in its results at least, of signal advantage. Its destructive agency was required to get rid of the vast mass of old wooden houses, and narrow and filthy lanes and courts, that had for centuries been the permanent abode of the plague and other pestilential diseases. No doubt it must ever be regretted, that the designs of Sir Christopher Wren for the renovation of the city were not adopted. But notwithstanding the numerous defects of the new plan, it was a vast improvement on that by which it had been preceded. Though still too narrow, the streets were materially widened; the new houses were constructed of brick instead of wood; party walls were introduced; the old practice of making each story project over that immediately below was abandoned; obstructions and filth of all sorts were removed; and the sewerage and pavement of the streets were vastly improved. A fire which happened in Southwark ten years afterwards, afforded an opportunity for carrying similar improvements into that part of the metropolis. pop. and trade of the city now increased more rapidly than before. The revocation of the edict of Nantes occasioned the immigration of a great number of French, who settled in Spitafields and St. Giles's. The parishes of St. Anne and St. James were formed, the district called the Seven Dials was built, Piccadilly began to extend W., and Soho Square and Golden Square were laid out

St. Paul's Cathedral was almost completed; the parish of Wapping was formed E. of the city; the Penny Post-Office was instituted; and several miscalled asylums (such as Alsatia and the Mint), where robbery and crime had been protected, were abolished.

From this period the increase of London and the progress of improvement have continuously advanced. In the early part of the 18th century an act was passed for building 50 new churches in and about the metropolis, most of which were and about the metropous, most or which were completed within a few years, and some of them are still among its ornaments. Houses sprang up on every side; and by the middle of the century the W. end of the town, as far as Hyde Park, became a compact mass of buildings, reaching beyond Oxford Street on the N., and extending E. from Portman Square, across Tottenham Court Road, past Montague House and Gray's Inn Gardens, through Clerkenwell, Finsbury Square, Spitalfields, and Whitechapel to Wapping. Before this time water-works had been formed at Chelsea in aid of the supply furnished by the New River. Sewers had become more general, lamps had been fixed in all the principal streets, the Bank of England and Westminster Bridge were built, St. Paul's completed, and Fleet ditch arched over. In the last half century Blackfriars Bridge was built, the houses encumbering London Bridge were removed, the Mansion House was finished, and Somerset House erected. At the same time, many unsightly and inconvenient buildings were removed; lamps were much in-creased in number, and lighted during the whole night; raised footways became universal, and the shops, which before were mere stalls, assumed a size and splendour evincing the wealth of their occupiers, and greatly contributing to the ornament of the town.

The citizens of London have, generally speaking, been distinguished by their orderly behaviour and respect for the laws. In 1780, however, the peace, and even, in some degree, the existence of the metropolis, were compromised by the excesses of the mob. Certain concessions made in the course of the previous year to the Roman Catholics, had provoked a good deal of religious excitement in all parts of the kingdom. The contagion spread to London; and the weakness of the government, and the folly, or rather madness, of Lord George Gordon, and other leaders of the ultra Protestant party, led to a dangerous riot. The mob were, in fact, for about two days masters of the city. They took possession of the prisons, and turned the inmates out of doors; destroyed the chapels of the ambassadors of the different Catholic powers; many private houses, including that of Lord Mansfield, were plundered and set on fire; a great distillery belonging to a Catholic firm shared the same fate; and an attack was made on the Bank, which, however, was happily repelled. At length, this formidable riot was effectually put down, though not till a considerable number of the rioters had been killed and wounded. Since this disgraceful epoch, the peace of the city has not been seriously endangered; and the troops in and about town, added to the effective police force that now exists, seem quite adequate, under ordinary circumstances to ensure the public tranquillity and the safety of the peaceable part of the community.

During the present century London has made great advances. Within that period four bridges have been built, extensive docks have been excavated, gas has been introduced into every street and alley; steam, on the river, the sea, and on railways, has given it an almost unlimited power

of intercourse with every part of the kingdom, and of the world; new and handsome markets have been erected; arcades lined with elegant shops have been formed; and wide lines of communication have been opened through close and densely crowded neighbourhoods. Two new parks have been laid out; an improved police has given additional se-curity to person and property; abundant supplies of water have been turnished to every separate dwelling; and the formation of spacious cemeteries in the suburbs is leading to the disuse of inter-ments within the town. At the same time the establishments within the town. At the same time the establishment of colleges and proprietary schools has increased the facilities (which are still, however, very deficient) for procuring good education; the formation of savings hanks, by affording a safe and convenient place of deposit for the smallest savings, has tended to diffuse habits of economy among the lower classes; while the institution of a National Gallery and School of Design has done sonething to improve the national tasks, and to add to the intellectual pleasures of the people. The nairit of improvement moreover, is still assessing. and to add to the intellectual pleasures of the people. The spirit of improvement, moreover, is still suggesting extensive and useful works. The nuisance of Smithfield market, notwithstanding the protection given to it by the Corporation, cannot fail of being abated; and no doubt, also, provision will be made for having all sorts of animals slaughtered at some distance from the city. And these, with the improvement of the sewerage and buildings, and the opening of new lines of streets, will at once increase the health of the citizens, and add to the convenience and beauty of the town. the convenience and beauty of the town,

the convenience and beauty of the town.
London has been the subject of an immense number
of publications. Of these the beat by far is the Survey
by Stow (originally published in 1598), with additions
by Strype and others, 2 vols. foilo, 1734. The Account
of the Metropolis and its Environs by Brayley, Nightingale, and Brewer, 5 vols. 8vo., 1814-16, is, in some
respects, a valuable work; but it contains a great deal of
matter but allights connected with the subject, and which matter but slightly connected with the subject, and which

matter but slightly connected with the subject, and which might advantageously have been omitted. Cunningham's Handbook is a carefully compiled, amusing, and instructive manual of popular antiquities and street history. But, though there are several valuable works on detached topics, there is not, in point of fact, any good or even respectable general account of modern London. LONDONDERRY, a marit. co. in the N. of Ireland, prov. Ulster, having N. Louigh Foyle and the Atlantic Ocean; E. Antrim, from which it is separated by the Lower Bann and Lough Neagh; S. Tyrone; and W. Donegal. Area, 518,770 acres, of which 136,038 are unimproved mountain and bog, and 9,858 water, being mostly included in the portion of Lough Neagh, belonging to this co. Surface in some parts mountainous and mostly included in the portion of Lough Neagh, belong-ing to this co. Surface in some parts mountainous and uneven; but there is, notwithstanding, a great extent of low, fertile ground. With the exception of lands be-longing to the church and to corporations, the entire property of this co. was granted by James 1. to 13 of the principal London companies, from whom most part of the land is now held, partly under terminable, and partly under interminable leases. Farms vary in size from 2 to 200 acres; but the average may be from 5 to 20 acres. under Interminable leases. Farms vary in size from 2 to 200 acres; but the average may be from 5 to 20 acres. "Where there has been a perpetuity or a long lease, it is spit; that is, the children are settled upon divisions of the father's farm; by which means leases of 40 acres come to be parcelled, in two or three generations, into patches of 4 or 5 acres. It seems as if the newly let lands were disposed of under some similar system of parcelling. I could give instances where whole districts are subdivided into patches of 6 or 7 acres, and rarely can boast a farm of 12 or 14." (Sampson's Survey of Londonderry, p. 249.) Some landlords have exerted themselves to counteract this wretched system, but hither to without much effect. It is almost superfluous, seeing the way in which the land is subdivided, to say that agriculture is in a very backward state. Latterly, however, the way in which the land is subdivided, to say that agri-culture is in a very backward state. Latterly, however, some improvements have been effected. Oats, potatoes, and flax, are the principal crops; but a good deal of wheat is now also raised. Condition of the small farmers and ottlers very unprosperous. Average rent of land lis.

dd. an acre. Various minerals have been discovered, out they are of no great importance. The linen manu-6d. an acre. Various minerals have been discovered, but they are of no great importance. The linen manufacture was, a few years ago, wheley diffused, but has latterly been a goed deal contracted, the mill-spun yarn being cheaper and better than that spun by hand wheels. Exclusive of the Bann, the principal rivers are the Foyle, Faughan, and Roe. Principal towns, London-derry, Coleraine, and Newton-Limavady. The co. is divided into 6 baronies and liberties, and 31 parishes; and sends 4 mems. to the H. of C., being 2 for the co., 1 for Londonderry, and 1 for Coleraine. Reg. electors for the co., in 1649-50, 5,056. In 1841, Londonderry had 38,657 inhab, houses, 41,114 families, and 222,174 inhab., of whom 105,255 were males, and 115,349 females. Losnosperry, or Derry, a city, parl. bor., and riverv 64d, an acre.

port of Ireland, cap. co. of same name, and a co. by itself, advantageously and beautifully situated on the W. bank of the Foyle, about 5 m. above where it falls into Lough Foyle, 121 m. N. by W. Dublin; lat. 34° 59° N. long, 7° 19° W. Pop. of parl, bor. in 1841, 15, 150. The city was originally confined to the hill on which the greater part of it still stands; and which, from its projection into the river, is called the "laland of Derry."
This portion is surrounded by the old city walls, but it is now raddly extending beyond its former limits near In so wapfuly extending beyond its former limits, par-ticularly along the river towards the Lough. There is also a suburb on the opposite bank of the river, called Waterside. The communication between the latter and waterside. In communication between the intermination the city is kept up by means of a wooden bridge, 1,068 ft. in length, and 40 ft. wide, erected in 1789 at an expense of above 16,000% and rebuilt in 1814-15 at a further cost of above 16,000? and rebuilt in 1814-15 at a further cost of 16,801?. Derry is well built; many of the houses in the main streets within the walls are old-fashioned, with high pyramidal gables; but many modern mansions have, of late years, been erected in this part of the town; and without the walls rows of mud cabins have been superseded by respectable houses. The principal city streets are broad and clesn, well paved and well lighted; some of them, however, are inconveniently steep, and there are many narrow lanes and closes. In the centre of the city is an open square space, called the Diamond, from each side of which a handsome street leads to one of the four city gates. The summit of the hill is crowned by the cathedral, court-house, and bishop's palace.

The eathedral, which is also the parish church, was built in 1631: it is a large, handsome, Gothic structure, 240 ft. in length, and has a tower and spire 228 ft. high, erected in 1779; but this having become dangerous, was taken down in 1802, and was soon after rebuilt, with the

addition of Gothic pinnacles. The view from the top is very fine. In the interior is a handsome monument to addition of Gothle pinnacles. The view from the top is very fine. In the interior is a handsome monument to the late Bishop Knox; and in it also are displayed the colours taken at the slege of Derry. The bishop's palace is a large plain building, with extensive pleasure grounds. There are two other Protestant episcopal places of worship, the chapel of ease and the free church. The latter, which is without the city, was built in 1830, Bishop Knox, and was intended for the use of the poorer classes, but it is no longer confined to them. There is also a R. Catholic chapel, and places of worship for Presbyterians, Primitive and Wesleyan Methodists, Seceders, Covenanters, and Independents. Among the public buildings, exclusive of churches, and other ecclesiastical edifices, may be specified the Corporation Hall, in the centre of Diamond Square; it was originally constructed in 1692, but received so thorough a repair in 1823, as to be tantamount to a re-erection. The court-

slastical edifices, may be specified the Corporation Hall, in the centre of Diamond Square; it was originally constructed in 1682, but received so thorough a repair in 1823, as to be tantamount to a re-crection. The courthouse, adjoining the cathedral, erected in 1813, at an expense of 30,480%, is a spacious and a fine building, partly constructed on the model of the temple of Erectheus at Athens. The new gaol is a very extensive structure, being 342 Rt. in front, by 400 ft. in depth; it is built on the radiating or panoptic principle, and cost above 30,000%. Among the chief ornaments of the city is the fluted column, erected, in 1827, in honour of the Rev. George Walker, its heroic defender. It stands on the central W. bastion, and is a well-proportioned pillar, 31 ft. in height, bearing a statue of Walker, 9 ft. high. It cost 4,900%, raised by subscriptions.

The diocesan school, called Foyle college, stands on an eminence near the river; it is a plain but handsome building, erected in 1914, having accommodations for 80 resident pupils; it was built by subscriptions from the blahop of the diocese, the Irish Society, and other sources, and is maintained by similar means: the head master's salary, from these sources, is about 200%, per ann. There is a parish school connected with the church, for the education of 100 boys and 100 girls. The Presbyterian congregation also supports a free school: a school, called St. Columb's national school, was established by the R. Catholic bishop and clergy, but it is now under the National Board of Education. 1893, a Mr. John Gwynn left the munificent sun of above 40,000%, for the education of as many boys (in 1850, 180) as the funds will afford in the useful parts of a good English education; and, exclusive of the above, there is an infant school, and a number of Sunday and other schools. Templemople Agricultural Seminary, founded in 1827, is within 5 m. of the city. The building is fitted to accommodate 30 boarders, and the farm attached contains 172 acres. The institution

Life inmates. Among the literary institutions, is the Literary Association, with a reading-room and a pretty good library; the Literary Society, in which lectures are given, and discussions take place; a news-room; a mechanics' institute, &c. in 1850 the town had three newspapers. Races take place on a course in its neighbourhood. The citizens of Derry would seem to have but little taste for theatrical entertainments; at all events, the theatre has been converted into a coach-building establishment. building establishment.

The walls or ramparts by which the city proper is surrounded remain nearly in their original state, except that the ditch has been filled up: they afford a fine broad

walk all round the city.

walk all round the city.

Londonderry was originally granted by Edward II. to Richard de Burgh, earl of Ulster, but the late corporation held its privileges under a charter granted by James I. in 1613. The government of the city is now vested in a mayor, 3 aldermen, and 18 councillors. The city sent 2 mem. to the Irish H. of C; and since the union it has sent 1 mem. to the Imp. H. of C. Previously to the Reform Act the right of voting was in the burgesses and freemen. Registered electors in 1849-50, 2,032. The mayor, and aldermen who have filled the office of mayor, are justices of the peace within the liberties. The mayor and recorder hold a court of record every Monday, for pleas, to any amount. A court of general sessions is held quarterly, one of petty sessions weekly; there is also a court of conclenee, at sessions weekly; there is also a court of conscience, at which the mayor presides weekly, for debts under 40s., and for suits of wages. The assizes for the county and city, and the general sessions for the county, are held here twice a year.

The revenue of the corporation, arising from the tolls of the bridge, and dues on tonnage, quayage, &c., amounted some time ago to about 7,000L a year; but owing to the expense of improvements, mismanagement, or some other cause, the corporation became involved in difficulties, and their property has since been so reduced

that in 1845 it produced only 6634.

Manufactures are not very considerable. There are, however, 2 flax spinning mills, several flour mills, 3 distilleries, 2 breweries, 2 foundries, with rope works, tan-yards, &c. There were here formerly a sugar-house and a glass-house, but these are now Some table-linen is manufactured. A va relinquished.

Some table-lines, but these are now relinquished.

Some table-lines is manufactured. A valuable salmon fishery is carried on in the river and in Lough Foyle. The trade of Londonderry is very extensive, and is increasing. Its fine river makes it the emporium of a large extent of country; and it is to this that its extensive commerce is principally to be ascribed. Its exports, like those of most other Irish towns, consist principally of agricultural produce, but a good deal of linen is also exported. We subjoin an

Account of the Quantity and Value of the principal Articles exported from Londonderry, in 1835.

Articles Exported.					Quantity.	Estimated Value
Corn, mest, and floar cwts. Provisions				yards numb.	416,042 85,590 36 81,120 65,480 5,035,992 968 855 73 313 11,103 33,055,000 22,960	120,676 275,566 174,2940 112,940 10,580 314,749 24 5,190 1,440 12,656 13,890 15,094 11,233 21,180
Tetal value						1,040,918

Making allowance for the increase that has since Making allowance for the increase that has since taken place in the trade of the port, we may, perhaps, estimate the present (1850) value of the exports at 1,350,000. or 1,400,000.4 a year. The vast number and value of the eggs exported is a peculiar feature in the above account. The imports consist principally of manufactured goods and haberdashery; iron, sugar and tea, timber, wine, coal, glass, earthenware, &c. A great portion of the increase in the trade of the port may be ascribed to the establishment of steam packets, which now ply regularly between the city and Glasgow and Liverpool.

Liverpool.

Derry is one of the principal ports for the shipment of emigrants; as many as from 5,000 to 7,000 individuals having of late years frequently salled for the United States and Canada, in the course of a single season.

The gross customs' revenue collected at Londonderry in 1844, amounted to 163,830%, and in 1848 to 104,3501%, the post-office revenue in 1845 was 2,4374, and in 1848, 2,7634. The Bank of Ireland, the Belfast, Provincial, Northern, and Ulster banks, have offices here. A

avings' bank, established in 1815, had, in 1848, 18,571/.

savings' bank, established in 1815, had, in 1848, 18,5711, of deposits, contributed by 710 depositors.

Lough Foyle is properly the outer harbour of Londonderry. It is a triangular basio, about 18 m. long, and 104 m. where widest; but a great part of it is occupied by sand-banks and mud-flats. The navigable channel stretches along the Donegal or Innishowen shore; and by following it, the largest men-of-war reach the anchorage at Moville, while merchantmen of 500 tons, without difficulty, ascend to the city quays, 5 m. above the lough and 23 m. from the sea. The river is navigable by barges from the city to St. Johnstone, and the Marquis of Abercorn has excavated a canal from the latter to Strabane. A portion of the wooden bridge at the city is constructed so as to open and admit the ascent and descent of vessels. It may be worth mentioning, that both the water and gas for the use of the city are conveyed across this bridge; so that the supply of both is intercepted whenever the bridge is opened. There belonged to Londonderry, on the lat of Jan. 1850, 34 sailing vessels, of the age, burden of 5,918 tons, and 8 steamers, burden 2,184 tons. The latter are principally employed in the cross channel trade with Glasgow and Liverpool. But notwithstanding its increasing commercial proservit.

longed to Londonderry, on the lat of Jan. 1850, 34 sailing vessels, of the ago. burden of 5,918 tons, and 8 steamers, burden 2,184 tons. The latter are principally employed in the cross channel trade with Glasgow and Liverpool. But notwithstanding its increasing commercial prosperity, there is, we regret to say, much poverty in Derry. The contributors to the savings' bank are mostly menial servants; and the mechanics, tradesmen, and labourers are, in general, very badly off. "Among the labourers great poverty prevails, from the want of steady employment, and their consequent exposure to dissipation, with the total absence of employment for their children. The better class inhabit huts which let for about 3£. a year; but the poorer frequently lodge in garrets or outhouses, chiefly in the Bogside, at a rent of about 1£. 2d. a week; and yet, even in these hovels, they contrive to let shares of their rooms at 6£. a week." (Ordinance Memoir of Londonnerry, p. 194)

Derry was colonised and fortified in the reign of James 1. by the London companies, who had purchased large tracts of the confiscated estates of the Earl of Tyrone; at which period it took the name of London-derry. It is famous in Irish history for the memorable siege it sustained in 1699 against the forces of James 11. Though ill fortified, and without any disciplined troops, the heroism of the citizens, and the enthusiasm inspired by their brave leader, the Rev. George Walker, enabled them to repel all the attacks of the enemy; and to sustain the more dreadful sufferings occasioned by the pressure of famine. The besiegers lost 8,000 men in the course of these see, which was raised on the 168th day. Derry continued, for a lengthened period after this epoch in its history, to be, as it were, the head-quarters of Protestants. (The reader will find, in the Ordanace Memoir referred to above, the unost ample details as to all matters connected with the history and present state of Derry; see also the Boundary and Municipal Reports, &c.; and Thom's Admanac.)

Brooklyn, Bedford, Flatbush, N. Hempstead, River-head, and Jausaica are its chief towns.

LONG-ISLAND SOUND, a strait of the Atlantic between Loug Island on the S., and the states of Connecticut and New York on the N. In the greater part of its extent, it is a noble expanse of water with bold shores, and many commodious havens on either side. But W. of the promontory called Lloyd's neck, the channel becomes rocky, and much interrupted by islets and a few miles above New York is the dangerous pass of Heligut, where the flow and ebb tide form cataracts and vortices, sufficient to dash to pleces or engulph large vessels. This formidable strait may, however, be passed with the greatest ease either at high or low water.

LONGFORD, an inland co. of Ireland, prov. Leinster, having N. Cavan and Leitrin, E. Westmeath, and W. Roscommon, from which it is separated by the Shamnon, Area, 263,645 acres, of which 55,247 are unimproved bog and mountain, and 15,892 lakes. The arable soil is, for the most part, level and fertile. Property mostly in

large estates. Tillage farms small, the state of agriculture and the condition of the occupiers being much the

large estates. Things tarms small, the state of agriculture and the condition of the occupiers being much the same as in the adjoining cos. Grazing, however, is excessively carried on. Average rent of land 18x.8d. an acre. It is divided into 6 baronies and 23 parishes; and sends 2 mems. to the H. of C., both for the co. Registered electors, in 1849-50, 716. In 1841 it had 19,195 inhab, bouses, 20,579 families, and 115,491 inhab, of whom 57,610 were males, and 57,881 females.

LONGFORD, an inland town of Ireland, cap. of the above co., prov. Leinster, on the Camlin, an affluent of the Shannon, 65 m. N. N. W. Dublin. Pop., in 1841, 4,966. It is "a well-built town, and is increasing rapidly in population and wealth. There is here a very large market for grain; great quantities being exported by the Royal canal, a branch of which comes to the town." (Municipal Boundary Report.) It has a par, church, a R. Cath. chapel, meeting-houses for Presbyterians and Methodists, a market-house, the co. court-house, prison, loilmary, and dispensary, with large cavalry and artilley barracks. The corporation, which, under a charter of Charles II. in 1657, consisted of a sovereing, 2 halliffs, 12 burgesses, and a commonalty, seet 2 mems. to the of Charles II. in 1687, consisted of a sovereign, 2 bailiffs, 12 burgesses, and a commonalty, sent 2 mems. to the Irish H. of C. till the Union, when it was disfranchised. The county assizes and general sessions are held here; and courts for petty causes are held on Mondays and Saturdays. It is a constabulary station. Some linen is manufactured; and there is a tannery, a brewery, and a distillery; but the great business of the town consists in its trade in corn and other raw produce. Markets on Wednesdays and Saturdays: fairs on March 25., June 10., Aug. 19., and Oct. 22. Fost-office revenue, in 1830, 1,0874.; in 1836, 1,1372. Branches of the Bank of Ireland, and of the Agricultural and National Banks, were opened in 1834-33-36.

LONGOBUCCO, a town of the Neapolitan dom., prov. Calabra Citra, 19 m. E. N.E. Cosensa. Pop. about 5,000, chiefly employed in working metals and burning charcoal. The horses for hunting in Naples are bred in the neighbourhood.

the neighbourhood.

LON'S.LE-SAULNIER, a town of France, dép. Jura, of which it is the cap., in a deep valley, 50 m. S.E. Dijon. Pop., in 1846, 8417. It has no remarkable public buildings; but is generally well built, clean, and furnished with numerous public fountains, one of which, in the Place of Armes, is ornamented with a statue of Pichegru, in white marble. At the N. extremity of the town is the salt spring from which it derived its ancient name of salt spring from which it derived its ancient name of Ledo Salinaris: this spring continues to yield great quantities of table salt; four pumps are kept constantly at work, and the evaporating houses (bâtimens de graduction) are very extensive. Lons has a theatre, a public library with 3,000 vols., a gallery of paintings and antiquities, tribunals of primary jurisdiction and commerce, a communal college, &c. It is the entrepôt of the agricultural produce, iron goods, timber, wines, &c., of the deptaral produce, iron goods, timber, wines, &c., of the deptaral produce, iron goods, timber, wines, &c., of the deptaral produce, iron goods, timber, wines, &c., of the deptaral produce, iron goods, timber, wines, &c., of the deptaral produce, iron goods, timber, with as a fair on the 15th of every month.

LOO-CHOO, or LIEOU-KHEOU ISLANDS, a group tributary to the Chinese, in the N. Pacific Ocean, nearly midway between Japan and Formosa, and comprised within lat. 25° and 25° N., and long, 127° and 199°.

There are in all about 36 Islands; but, excepting the Great Loo-Choo Island, towards the centre of the group, 70 m. in length, by from 12 to 15 m. broad, they are mostly of very inferior dimensions. These Islands, which are but little known to Europeans, are reported to have a delightful climate, and a soil of great richness, the produced the contraction of the produced the service of the group.

are mostly of very interior dimensions. I ness islands, which are but little known to Europeans, are reported to have a delightful climate, and a soil of great richness, producing the fruits and vegetables of countries the most remote from each other. Rice is cultivated with great care. Cattle, goats, and pigs, are said to be diminutive; but poultry are large and excellent. The islands yield sulphur and salt, and have, it is alleged, rich mines of copper and tin. Conflicting statements have been made by different travellers respecting the civilisation, political condition, jurisprudence, &c. of the natives. They appear, however, to be of the same race as the Japanese; and have not merely adopted the costume, but speak the language of that people. Their religion is a species of Buddhism; and their government, like that of other Asiatic countries, of a despotical character. They are friendly and bospitable; but it is now sufficiently ascertained that Captain Hall was totally mistaken in the estimate he formed of these islanders; who, had his statements been well founded, almost who, bad his statements been well founded, almost ealised the poetical fictions of the golden age. The Loo-Choo Islands were for some time subject to Japan, but were conquered by China about 1372. Kintching, the but were conquered by China about 1372. Kintching, the cap, is about 5 m. from its port Napkiang, near the S. W. extremity of Great Loo-Choo, lat. about 26° 14′ N., long. 127° 52′ E. (See Hall, Macleod, and Beechty?

long, 127° 52° E. (See Hall, Macleon, and Beccarg's Travels, &C.AST and WEST), two contiguous anc. bors, and market-towns of England, co. Cornwall, hund. West, on both banks and close to the mouth of the Looe, 12 m. S.E. Bodmin, and 210 m. W. by S. London. United pop., in 1841, 1,542. They are mean, wretched places, connected by a parrow, old bridge of 13 arches;

and would be unworthy notice, were it not that each of them enjoyed the privilege of sending 2 mems, to the H. of C. from the reigns of Edward VI. and Elizabeth down to the passing of the Reform Act, when they were both disfranchised.

LORGA (an Circumon) a considerable description.

both disfranchised.

LORCA (an. Cliocroca), a considerable town of Spain, prov. Murcia, cap. of a partido of its own name, on the Guadalentin, a tributary of the Segura, 42 m. V. S.W. Murcia, and 116 m. E. N.E. Granada. Pop., according to Miffano, 49,356. The vale of Lorca is remarkable for picturesque beauty and great fertility; and the town, close under the Sierra del Cano that bounds it on the left, and the fine old castle on a rock hanging over it, adds greatly to the beauty of the picture. This over it, adds greatly to the beauty of the picture. This has evidently been a considerable place; but, the lower part of the town being concealed by trees, nothing is seen on approaching it but a number of low houses crowded on the side of the mountain, and from the similarity of colour seeming almost to belong to it. This is the old or Moorish town, and is very irregular and mean in appearance: but the new town, on the plain, is much more regularly laid out, and better built. A collegiate (once episcopal) and seven parish churches, two hospitals, an episcopal palace, and a royal college, are the chief buildings and establishments. Saltpetre is manufactured on a large scale, and soap, thread, and linens, are produced in small quantities; but the chief resources of the town consist in its great September fair, its markets, and the produce of its neighbourhood, both in flocks and agricultural produce. Mr. Inglis gives a lively picture of colour seeming almost to belong to it. This is the on a large scale, and soap, thread, and linens, are produced in small quantities; but the chief resources of the town consist in its great September fair, its marketa, and the produce of its neighbourhood, both in flocks and agricultural produce. Mr. Inglis gives a lively picture of the market and its attendants:—"All the women here wear a square white woollen shawl, worn like a mantilia: the men are dressed in short white drawers loose at the knees, and instead of stockings use sandals made of rope; and their heads are covered with close-fitting tapering black caps, others from the higher countries being emveloped in blankets of gaudy colours. Among the numerous things exposed for sale, were dried and shell fruits, Catalonian cloths and calicoes, shoes and rope sandals, quantities of Esparto rush and rush-baskets, beads, rosaries, trinkets, &c., in short, every thing that one either eats or wears in Murcia. The show of pigs was extremely fine, and no where in the world are these animals found in greater perfection than in Spain, fed, as they are, on the liex nut. The price of a hog weighing 23 stone was 240 reals (21.8s.), and that of a sucking pig 14 reals. Muttou sells at 12 quartos, a fowl costs 20d., a hare 10d, and bread is 14d per lb. The price of labour in the vale of Lorca is 5 reals or 1s. a day." (Inglis's Spairs, il. 20G.)

Lorca, supposed to be the Cliocrocs mentioned in Antonine's litnerary, was exposed to frequent attacks during the contests between the Moors and the crown of Castile, and has at various times sustained sleges. It was nearly destroyed at the commencement of this century. In 1792, a speculator, with the permission of government, collected at a great expense all the waters of the district into a common reservoir (pantano) resembling that of Alicant. The basin was said to be "superb," and capable of containing water sufficient to irrigate for years the entire vale of Lorca. Ten years afterwards (30th April, 1802) the waters, which had for some time been undermining the reservoir, rus

sculptured with bass-reliefs, representing the history of the Virgin; the whole being under the dome of a splendid church, built to protect the sacred edifice. In a niche within the latter, once fenced in with gratings of solid gold, but now with pieces of gilt wood, is the image of the Virgin, affirmed to be the work of St. Luke, to

L'ORIENT.

whose talents as an artist t does little credit, being "a little old woman about 4 ft. in height, with the features and complexion of a negro." (Moore.) Her dress is tawdry, and in the worst possible taste: she literally glitters in jewels and brocade, and reigns "amid the continual glare and smoke of lamps and candles, held by figures of angels." The church, which encloses the santissima case is said to have been designed by Bramante. According to Eustace, it is a "very noble structure;" but it is less favourably spoken of by Woods and others. Its gates, which are of brounse, are embellished with basso relievos of the most admirable workmanship; in the area before it, is a handsome marble fountain, and a large statue of Pius VI. The riches formerly accumulated within his sanctuary, were a subject of astonishment to all travellers; and were, most probably, much exaggerated. The popes are believed to have occasionally abstracted some of the gold offerings, and to have substituted false for real gems. But, when the French acquired possession of Loretto, they acted with less reserve; and, undismayed by the sanctity of the place, rified its repositories, and carried off every article of value, applying them to secular and really useful purposes. It has since, however, received several considerable benefactions.

A lucrative trade was formerly carried on at Loretto in rosaries, crucifizes, agans Def, and such like articles, partly taken off by pilgrims to the shrine, and partly exported. But this trade has now much fallen off. The number of pilgrims, though still very considerable, has also greatly declined; and they are now mostly of the lowest and poorest classes. On their arrival in town, they are received into an hospital, where they are boarded and lodged for three days; and this privilege has probably as much to do as superstition in attracting them to Loretto. (See Addison's Travels, p. 94. ed. 1726; Moore's Ilaty, i. 291; Eustace's Classical Tour, i. 200.; Forsyth, 321, &c.) whose talents as an artist it does little credit, being "a

(See Agaison's Arunes, J. 1912. Estatac's Classical Tour, i. 200.; Forsyth, 321., &c.)

L'ORIENT, a strongly fortified sea-port town of France, dép. Morbinan, cap. arrond., at the confluence of the Scorff with the Blavet, at the head of the bay of Port Louis, about 3 m. from the Atlantic, and 29 m. W. by N. Vannes. Lat. 470 45' 11" N.; long. 39' 21' 2' W. Pop., in 1846 (ex. suburbs), 19:106; but, according to recent statements, the pop. of the town and suburbs may now (1870) amount to 21.000 or 22,000, nearly 5,000 of whom are employed in the dock-yard and its appendages. L'Orient is clean, and regularly built: the streets are wide, straight, and well paved, and the houses well constructed and handsome. One of its public squares, the Place Royale, is planted with lime-trees, and it has other good promenades. The principal churche is very large, and has a lofty spire, which is a conspicuous landmark. The prefecture, auction-hall, town-hall, and theatre, are handsome edifices. The public slaughter-houses (desitoir) are remarkably clean; and the meat, fish, and bread-markets are, next to those of Rennes, the best constructed, and most extensive in Brittany. In the centre of the market-place is a granite column erected to the memory of the com-

tensive in Brittany. In the centre of the market-place is a grantic column erected to the memory of the commander, Bisson. Some years ago, a bridge, also of grantic, was commenced over the Scorff, but the design was abandoned, lest the clearance of the port should be thereby impeded.

The port of L'Orient, about § of a mile in length by nearly § m. in breadth, is secure, commodious, and of easy entrance. It is bordered by fine quays, on which are some extensive buildings and establishments connected with the government dockyard; an observatory 120 ft. in height, which serves also for a telegraph and a light-house, and a very handgome public fountain. and a light-house, and a very handsome public fountain.

The naval establishment is on a smaller scale at L'Orient and naval establishment is on a simular scale at L'Orient than at Brest; it has no bagne, but it has a place of confinement for soldiers guilty of insubordination. More ships of war are now built in the dockyard of L'Orient than at any other in France, 16, of the estimated cost of 8.652.90 francs, having been constructed here in 1840. L'Orient has alips enough for the construction of 30 reseals of all target frances because the basis of the state of the second states of the second L'Orient has slips enough for the construction of 30 vessels of all sizes; frigates are, however, the class of ships chiefly built. Towards the end of 1840, 9 slips were occupied each with a frigate in course of active preparation; and, according to the report of an English traveller, 3,000 workmen were exclusively engaged on these 9 frigates. Many of the subordinate artifleers get only 26 sous a day, and few of the britter workmen receive more than from 30 to 40 sous a day; but taking into account the cheapness of living in Brittany, they are, perhaps, fully as well off as the workmen in the English dockyards. The foremen (cheft d'atteliers) are not paid by the day, but receive from 1,500 to 2,000 fr. a year, according to circumstances. L'Orient has excellent sheers for masting vessels, &c., and good block sheds, the machinery in which, as well as a portion of that for cable-making, is wrought by steam. At the end of 1840, establishments we huge says that this church we originally plassed and beginn

LORRAINE.

were in course of being erected for the construction of steam engines for ships of war, and new forges, &c., were about to be commenced. The buildings formerly belonging to the French E. I. Company, are now converted into harracka. The arnenal and naval stores are very extensive, and the artillery barracks are capable of accommodating 1,800 men. The lazaret is on a small island to the S., between L'Orient and Port Louis. L'Orient has a school of naval artillery and a spacious artillery ground near the town, a school of hydrography, established 1771, a large and well-arranged commercial college, a preparatory school for training for the government schools, a communal college, gratultous achools of drawing, geometry, arithmetic, &c., a public and a pretty good naval library, museums of chemistry and mineralogy, an agricultural society, and various educational societies. It is the seat of tribunals of primary jurisdiction and commerce, a chamber of commerce, &c.

The manufacture of L'Orient, chiefly consisting of hata, linens, gold lace, earthenware, &c., are not very important. Its trade, though not so flourishing as in 1789, has latterly begun to increase. In 1830, only 6 merchantasen belonged to the port; it has now (1840) more than four times that number, some of them trading to the French colonies. The chief exports are wax, honey, butter, corn, cattle, and pilchards, the latter being taken in great quantities on the adjacent coast, are seat to Nantes to be prepared for exportation.

Though at present so little eminent for trade, L'Orient owes its origin and former importance almost wholly to commerce. It was but an insignificant village when, in 1728, the French E. I. Company made it their principal naval dépôt; and such was the influence of the change, that in 1728 its pop is said to have amounted to 14,000; On the dissolution of the Company in 1770. L'Orient was made one of the stations for the French navy, and a free commercial port. (Hugo, art. Morbi-kae; L'etter in the Times, 7th Oct., 1840.)

down to the Reform Act, by which it was disfranchised. It is not included in the Municipal Reform Act; but is now, as formerly, governed by a mayor, 6 capital, and 17 inferior burgesses. Markets on Friday; cattle fairs, July 10., Sept. 6., and Nov. 13.

About 1 m. N. of Lostwithiel, on the summit of a hill, is Restormel castle, the ancient seat of the baronial family of Cardinan, and subsequently of the earls of Cornwall; it was ruinous even so early as the time of Henry VIII., but was repaired and occupied during the ciril war. (Msss. Corp. and Char. Rep. §c.)

LOT. a dep. of France, reg. S., chiefly between lat. 440 15 N., and long. 10 20 E., having N. Corrèse, E. and S.E. Cantal and Aveyron, S. Tarn-et-Garonne, and W. Lot-et-Garonne and Dordogne. Area, 525,280 hectares. Pop. in 1846, 294,565. The dep. is mountains are ramifications of those of Cantal, and rise in the E. about 2,500 ft. above the sea. Its chief rivers are the Lot, and the Dordogue; from the first of which it derives its name. The Lot, which rises in Lozère, about lat. 440 30 N., long. 20 45 E., runs with a very tortuous course generally W., through Aveyron, the S. part of Lot, and the centre of Lot-et-Garonne and Gironde; uniting with Garonne at Aiguillion, about lat. 440 187 and long. 00 19 E. It is na rigable, during 4 months of the year, for nearly 190 m.; Mende, Cahors, and Villeneuve d'Agen

are on its banks. There are an immense number of narrow valleys, watered by small rivulets: these have frequently an alluvial soil of great fertility, but the soil in most parts is either calcareous, or stony and gravelly. In 1834, it was estimated that 252,523 bectares were arable, 25,829 in pasture, 58,627 in vineyards, 67,256 in woods, and 71,284 occupied by heaths, wastes, &c. Lot produces more corn than is required for its own consumption; but chestunt-dour forms an important article of food among the rural pop. The corn grown is principally wheat, maize, and type; and the total annual produce of all kinds is estimated at between 1,500,000 and 1,500,000 bectol. Agriculture is extremely backward, and there is a great want of capital, a consequence mainly of the splitting up of the land into an immense number of small properties. In 1825, of 111,948 properties subject to the constributions fosselver, 50,471 were assessed at less than 5 fr., 18,731 at from 5 to 10 fr., and 17,652 at from 10 to 20 fr.; while the number of properties assessed at 1,000 fr. and upwards as amounted to only 18. The plough employed to see the stone of the culture of thin soils. The became of the culture of thin soils. The known in the market as viss de Cabors are strong and very dark-coloured, and are principally employed to give body and colour to other wines, for which purpose they are principally sent to Bordeaux. Tobacco is grown in this dep., and in 1833 about 1,850 hectares were appropriated to its culture, and 933,330 kilog. produced. The climate is favourable for the mulberry, but the rilkworm does not thrive. A few proprietors have floods of Merino sheep, but the pastures are badly irrigated and attended to, and most kinds of live stock are indifferent. The goats' hair of the dep. is, however, highly esteemed. The produce of sheep's wool is estimated at 500,000 kinds, a year. A great many hogs are fatte

were assessed under 5 fr., and 19,780 at from 5 to 10 fr. Mining industry is insignificant; but some iron ore is smelted by means of charcoal, there being no coal mine in the dep.: there are numerous distilleries. At Tonneins is a royal tobacco manufactory employing 400 workmen, who produce 400,000 kilogs. of tobacco a year, for the supply of the neighbouring deps. At Nerac, Mexin, Barbaste, &c., are cork factories, which together may employ about 700 hands, and produce 120,000 metrical quintals of corks a year. At Agen is a large sail-cloth factory, with 300 looms, for the service of the French navy; and there are also extensive ropewalks. Lot-et-Garonne has also manufactures of woollen thread, sorge, linen and cotton cloths, gloves, paper,

large sail-cloth factory, with 300 looms, for the service of the French navy; and there are also extensive ropewalks. Lot-et-Genome has also manufactures of woollen thread, serge, linen and cotton cloths, gloves, paper, starch, glass, and earthenware, besides tanneries, fron works, &c. The dep. is divided into 4 arrond.; chlef towns, Agen, the cap., Marmande, Nerac, and Villeneuve d'Agen. It sends 5 mems. to the Ch. of Dep. No. of electors in 183-39, 271. Total public revenue (1831), 7,841,527 fr.; expenditure in the same year, 6,024,709 fr. [Higgo, art. Lot-cl-Garosane; Qfficial Tableta.)

LOTHIAN, an extensive, fertile, well cultivated, and rich district of Scotland, lying along the S. shore of the Frith of Forth. It is divided into the cos. of East Lothian, or Haddington; Mid Lothian, or Edmburgh; and West Lothian, or Lothian, or Haddington; Mid Lothian, or Edmburgh; and West Lothian, or Lothian, or Haddington; Mid Lothian, or Edmburgh; and West Lothian, or Haddington; Mid Lothian, or Edmburgh; and West Lothian, or Haddington; Mid Lothian, or Edmburgh; and West Lothian, or Lothian, or Haddington; Mid Lothian, or Edmburgh; and West Lothian, or Lothian, or Haddington; Mid Lothian, or Edmburgh; and West Lothian, or Lothian, or Haddington; Mid Lothian, or Edmburgh; and West Lothian, or Company of the Navier of the Navier of the Prith of Forth on the N., the German Ocean on the E., Berwickshire on the S., and Mid Lothian on the W. It is of an elliptical shape, and contains 174,090 acres, of which about 4-5ths are capable of cultivation. The S. portion of the co. is occupied by the Lammermuir hills, which divide the co. from Berwick: but with this exception, it is mostly level, or merely undulating; and when viewed from the adjacent heights, appears like an extensive, rich, and beautiful plain, gradually sloping to the sea. The district along its E. coast, comprising about 90,000 acres, has a reddish, loamy, and very fertile soil: the soil gradually becomes more clargy as it recedes from the sea; and, except in th fatting of cattle of all kinds for the butcher is now an important part of the economy of every well conducted farm; and a greater extent of land is kept in grass, and for a longer period. Exclusive of the Lammermuir district, which is principally devoted to the breeding of sheep, the farms in the other parts of the co. extend from 60 acres up to 500 acres, or more, the average being about 250 acres. Every farm has a thrashing machine; and of these about 80 are driven by steam, 7 by wind, 30 by water, and the rest by borses. Rents are commonly fixed in corn, convertible into money at the flar prices of the co. Eight bushels of wheat may, perhaps, be taken as the average rent of the wheat lands of the district, which, taking the wheat at 6s. a bushel, will be equivalent to a money rent of 48s; an acre. In 1643 the average rental of the co. was 22s. 5d. an acre. Not-withstanding its present highly advanced and improved condition, agriculture was in an extremely backward and withstanding its present highly advanced and improved condition, agriculture was in an extremely backward and depressed state in this co. even so late as 1770. The land was then not half tilled; a rotation of crops was comparatively unknown; the stock and implements of husbandry were alike defective; much of the land was injured by the want of drainage; the hinds, or farm labourers, were badly fed and badly clothed; and the ague regularly made its appearance in spring in every hamlet and village, and almost, indeed, in every house. The change in the interval has been most striking and beneficial. Even within the last dozen years many important improvements have been made, principally by the introduction of furrow draining and bone manure, a better rotation of crops, and a more efficient and skilful the introduction of furrow draining and bone manure, a better rotation of crops, and a more efficient and skilful management. The farm houses and offices are excellent; but we are sorry to have to add, that while every thing telse has been vastly improved, the cottages have not, in the majority of cases, been sensibly ameliorated, and their condition is discreditable alike to the farmers and the landlords. Except, however, as respects their lodging, the labourers are well off; and the hinds, or farm

labourers, now receive each 24 bushels of oats a year more

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labourers, now receive each 24 bushels of cats a year more than they did previously to the commencement of the improvements. Estates of various sizes; some very valuable. There are about 7,500 acres of wood. The W. division of the co. has valuable beds of coal; and limestone is very generally diffused. If we except some considerable distilleries, manufactures are all but unknown. The Tyne, which flows through the centre of the co., is the only considerable stream. The co. sends I mem. to the H. of C.; and the bors of Haddington, N. Berwick, and Dumbar, join with Lauder and Jedburgh in returning I mem. Registered electors for the co., 1849-50, 663. In 1841 E. Lothian had 8,010 inhab. houses, and 25,886 inhab., of whom 17,379 were males, and 18,607 females. Valued rent, 168,8741. Scotch. Annual value of real property in 1842, 256,7421. (Robertson's Rural Recollections, passim; New Statistical Account of Scotland.)

2. Mid. Lothian, or Edinburghshire, has the Frith of Forth on the N., E. Lothian on the E., Roxburgh, Selkirk, Peebles, and Lanark on the S., and W. Lothian on the be arable. In some parts, especially along its S. border, it is rugged and even mountainous; the ridge of the Pentland Hills, which approaches within a short distance of Edinburgh, divides its low grounds into two portions, that unite towards the sea. Soil for the most part clayer, and not in general very fertile. Agriculture similar to that of E. Lothian, but inferior; its details being also a good deal modified by the demand of the capital for milk, butter, potatoes, &c. Improvements of all sorts have been prosecuted with great seal and industry. In 1727, a small field of wheat, within a short distance from Edinburgh, was reckoned so extraordinary a phenomenon that preson came from a great distance to see it! (Robertson's Recollections, p. 287.) But, at present (1850), wheat is the principal object of the farmer's attention; and there may be from 20,000 to 27,000 acres under that crop. There are a considerable number of rath

4 mems. to the H. of C., viz. 1 for the co., 2 for the city of Bdinburgh, and 1 for Leith and Musselburgh. Registered electors for the co., in 1849-50, 2.032 In 1841 Mid Lothian had 38,927 inhab. houses, and 225,454 inhab., of whom 102,656 were males, and 122,788 females. Valued rent 191,054. Scotch. Annual value of real property in 1843, 1,074,992.

3. West Lothian, or Linlithgowahire, the smallest of the divisions of Lothian, has the Frith of Forth on the N., Mid Lothian on the E. and S., and Lanark and Stirling on the W. It is of a triangular shape, and contains 76,800 acres, of which about 3-4ths are arable. Surface varied with knolls; there are, however, but few hills, and no mountains. In the S. part of the co. the ground is moorish, and there are some morasses; but elsewhere it is comparatively fertile. Agriculture similar to that of Mid Lothian, with this difference, that more turnips are raised and fewer potatoes. Estates large; farms of a middle size. Average rent of land, in 1842, 22s. 1d. an acre. Coal is found in most parts of the co. Manufactures of no importance. W. Lothian is divided into 13 parishes: it sends I mem. to the H. of C. for the co.; and the bors. of Linlithgow and Queensferry join with others in returning representatives. Reg. electors for the co. in 1844-50, 524. In 1841 W. Lothian had

into 13 parishes: it sends 1 mem. to the H. of C. for the co.; and the bors of Linlithgow and Queensferry join with others in returning representatives. Reg. electors for the co., in 1849-50, 524. In 1841 W. Lothian had 5,233 inhab. houses, and 26,872 inhab., of whom 13,797 were males, and 13,075 females. Valued rent, 75,0194. Scotch; annual value of real property, in 1843, 109,3224. LOUDUN, a town of France, dep. Vienne, cap. arrond., on a hill, 31 m. N. N. W. Politers. Pop., arrond., on a hill, 31 m. N. N. W. Politers. Pop., arrond., on a hill, 31 m. N. N. W. Politers. Pop., arrond., on a hill, 31 m. N. N. W. Politers. Pop., arrond., on a hill, 31 m. N. N. W. Politers. Pop., arrond., on a hill, 31 m. N. N. W. Politers. Pop., arrond., on a hill, 31 m. N. N. W. Politers. Pop., arrond., on a hill, 31 m. N. N. W. Politers. Pop., arrond., on a hill, 31 m. N. N. W. Politers. Pop., arrond., in 1866, ez. com., 4,071. It was formerly of considerable importance, and has still many large houses and wide streets; but its inhab. being principally Protestants, it suffered much from the revocation of the edict of Nantes, from the effect of which it has never recovered. It has an nospital, a theatre, the remains of an ancient castle, a tribunal of original jurisdiction, and manufactures of woollen cloth, lace, &c. (Hugo, art. Vienne.). This town is famous, or rather infamous, in the history of fanalticism for a judicial murder committed in it, in 1634, when a curate, of the name of Grandler, accused and convicted of sorrery and magic, was burnt alive! The unfortunate curate appears to have had but little respect for that rule of the R. Cath. religion which enjoins the celibacy of the clergy; and he is said, and we presume truly, to have practised his arts with most success on the nuns belonging to an Ursuline convent in the same of the committed in the same of
with modern brick houses, meeting the principal svenue on the great London road. The market-place, in which is the town-hall, was formerly narrow and confined, but has been recently laid open by the pulling down of the lold market-house. The church, a large and handsome structure in the perpendicular style, has a lofty and well-proportioned tower: the living is a rectory (value 1,494.), in the gift of Emanuel College, Cambridge. There are places of worship, likewise, for Presbyterians, Independents, Baptista, Unitarians, Wesleyan and Primitive Methodista, and the Society of Friends, connected with which are 7 Sunday schools, furnishing religious instruction to between 2,000 and 3,000 children of both sexes. Besides a well-endowed grammar-achool, Loughborough has a charity-school for clothing and instructing 80 boys; a subscription-school, attended by 250 boys, and a school of industry with 108 girls. A dispensary and several charitable societies confer essential benefits on the poor, and there is also a large public library and news-room. Fleecy-hoslery and bobbin-net lace are the chief branches of industry, the former occupying nearly, 1,000 hands in the town and neighbourhoud: several persons are employed in making cotton hose and gloves; there are many makers of machinery, and a considerable number of shoemakers, working for the London market. In 1839 there were two worsted mills, giving employment to 213 persons. The prosperity of the town has been increased by the facility of transit afforded by the Ledester Navigation and Loughborough Canal; and it has derived still greater benefit from the opening of the Midland Counties' railway, which brings it within 4 hours' distance of the metropolis. Petty sessions every market-day. Loughborough is the election town and principal poiling place for the N. division of the co. Markets on Thursday: large fairs for horses, cattle, and sheep. Feb. 14., March 28., April 28., Holy Thursday, Aug. 12., and Nov. 13.: cheese fairs, Mar. 24. and Sept. 30.

LOUGHREA, an inland t

above the level of the first. Fortifications were erected on this terrace at an early period in the history of St. Louis, but these have been removed to make way for the town's buildings; and their site is now in many parts occupied by streets and houses. In the older part of the town, by the brink of the river, which is the chief seat of trade, the streets are narrow and inconvenient; but of late they have been much improved. The more modern trade, the streets are narrow and inconvenient; but of late they have been much improved. The more modern sections, on the high grounds, are laid out in broad avenues and streets, in which are nuots of the residences of the merchants and professional men. A few years since St. Louis was chiefly built of wood; but a large portion of these having been burnt down in a great fare in 1843, they are now being constructed of a kind of limestone found on the spot, which is soft when first quarried, but becomes very hard and durable after exposure to the air. Many of the warehouses in the lower town have 3 or 4 stories, and there are some large castellated private mansions. mansions.

stories, and there are some large castellated private manalons.

St. Louis has a handsome Rom. Cath. cathedral, founded in 1831, 136 ft. in length, 8i ft. in breadth, with a tower 90 ft. high surmounted by a spire, &c. This edifice is of the Doric order, and is roofed with copper. It has several bells, cast in Normandy, one of which weighs 2,600 lbs., and some paintings, which are well spoken of, one of them being said to be by Paul Veronese. There are churches belonging to the Baptists, Episcopalians, Presbyterians, Methodiats, Unitarians, &c., most of them large and commodious buildings. There is also an African church, under a black pastor. St. Louis R. C. university, founded and conducted by Jesuita, had, in 1848, 160 students. It is intended chiefly for the study of the classics and brites-lettres, but has also a medical department. Its library comprises 12,000 vols. St. Louis has a convent, an hospital, an orphan asylum, a

female charitable association, several primary and grammar achools, &c. Among the most ornamental public buildings are the court-house and market-bouse, with the town-hall above it. It has also two theatres. Nearly buildings are the court-house and market-house, with the town-hall above it. It has also two theatres. Nearly all the houses are supplied separately with water from a large reservoir. Vessels of the largest class come close up to the quays; and \$t. Louis has become the grand emporium of the countries on the Missouri and the Upper Missiasippi. The value of the produce received at her quays in 1849 was estimated at 10,388,486 doll.; and it is not easy even to imagine what it is likely to be a few years hence, when the wast countries on the Missouri come to be settled. There belonged to the port on the 30th June, 1849, 32,325 toos shipping, mostly steamers. She is, also, the principal seat of the American fur trade, and of the overstand trade with Mcxico. The inhab. are now chiefly Americans; but till lately they were principally descendants of the French, by whom the city was founded, in 1764. (Marroya Encyc. G. Geog., American ed.; Encyc. Americans at Hunt's Com. Mag., 3c.)

Louis (St.), a town of Western Africa, and the cap of the French possessions in Senegambia, on an island of its own name in the Senegal, about 7 m. from its mouth; lat. 190 31' N., long. 160 13' 4N' W. Pop., in 1365, exc. garrison, 11,505, of whom 6,005 were slaves. It is laid out on a regular plan, nearly a mile in length, yabout 300 yards broad. Fort St. Louis, with its esplanade, occupies the centre of the town; and from two of its opposite faces, a street is prolonged, and crossed at right angles by several others. The town has about 300 brick houses, half of which have only a ground floor, and the other half rarely more than an additional story; the other dwellings are mere huts of mud and straw. The other dwellings are mere huts of mud and straw. The

stright angles by several others. The town has about 250 brick houses, half of which have only a ground floor, and the other half rarely more than an additional story: the other dwellings are mere huts of mud and straw. The these public buildings are the governor's residence, the barracks, and the new hospital. The last is a superior ediface of its kind for a colony of such inferior rank, and has 122 beds, a number sufficient to accommodate the greatest average number of sick. There is good anchorage in the river on both sides the island, but especially in the E. channel, where ships may lie quite close to the quay. There are neither brooks nor public fountains in St. Louis; and the water for daily see, which has to be brought from the river, is brackish. St. Louis is the sest of a tribunal of primary jurisdiction and of commerce, and a council of appeal. It is also the residence of the apostolic prefect of the colony, and the chief officers of the colonial government. Boat-building and a little weaving are its principal branches of industry. (Flugo. art. Sengel j. Det. Geg.)

LOUISBOURG. See Cape Berron.

Althaness and Mississippi, E. the latter state, W. Tensa, and S. and S. et de Guiph of Mexico: length N. to S. 240 m., breadth varying from 100 to 210 m.; area estimated at 45,600 sq. m. Pop., in 1840, 282,411, of whom 168,452 were slaves. The surface, which is generally level, and slopes gradually towards the S., is traversed in its N. part by a few hill-ranges of inconsiderable height. Its shores, especially those of the delta of the Mississippi, are so very low that they are apt to be inumdated by high spring tides. The delta, which comprises an alluvial flat of about 12,000 sq. m., is no where, indeed, raised much more than 10 ft. above the level in the more than 10 ft. above the level in the former; the Atchafalaya and Sabien rivers fall separately into the but owing to their insufficient depth, it has no good har-bour. There is, however, a good roadstead on the W. side of the Chandeleur Islands, in which the larger vessels of the English fleet lay dufing the expedition against New Orleans. Besides Chandeleur, sundry islands are scattered along the coast, as Barataria, Thomas, St. Croix, Ascension, &c. It is rather a curious fact, that these islands are a good deal more elevated than the main-land, being from 30 to 100 ft. above the level of the sea: they are roward with dense forests abovening with they are covered with dense forests, abounding with

deer and game.

The soil of Louisians is of every quality, from the

most productive to the most sterile. Some portions of the great alluvial plain, and of lands on the banks of the rivers, are as fertile as any in the Union; but the prairies consist for the most part of second-rate lands. The red colour of the soil on Red River, and some of the other streams, is owing to an admixture of oxide of iron, which, with salt, is very largely dispersed through it. Iron is found in the W., and coal in the N.; but, except these, the mineral products are insignificant.

Both heat and cold are experienced in a greater degree than in the other states in the same lat. The orange

Both heat and cold are experienced in a greater degree than in the other states in the same lat. The orange and sugar-cane, which are cultivated on the Atlantic coast as high as 33° 30° N., are not met with here much above the 31st deg. In the S. the winter is usually characterised by a short period of N.W. winds and white frosts at night; but in the N. and central parts sharp frosts and sometimes falls of snow, occur. In summer the climate of the N. is mild and comparatively healthy; while in the S. intense heats last for a long time, thunder-

while in the S. intense heats last for a long time, thunder-storms and burricanes are frequent, and the yellow fever and other pestilential diseases are prevalent. Cotton and sugar are the great staples of Louislans: rice, maize, and tobacco come next in order; but the raising of these has been neglected for that of cotton, and the culture of indigo is now almost abandoned. The crop of cotton, which is of various kinds, is estimated to amount at present (1850) to 200,000 bales a year. It is raised principally in the N.B. part of the state. Sugar is the principal product as far N. as the 31st deg. of N. lat., except on the lands immediately adjacent to the Mississipol, which, being easily irrigated, are appropri-Mississippi, which, being easily irrigated, are appropriated to rice. The cane, nowever, though more precarious, is raised still farther N., and its culture has Mississippi, which, being easily irrigated, are appropriated to rice. The cane, however, though more precarious, is raised still farther N., and its culture has latterly extended in the higher parts of the country. The crop for 1845-46 amounted to 186,680 hhds., but, at an average, it may be taken at about 180,000 hhds. Maize yields sometimes 70 bushels an acre, and barley and oats thrive pretty well; but the climate is not suitable for wheat and rye. The vine arrives at perfection, and many kinds of wild fruits are met with, but the apple does not succeed, and the cherry is wholly unproductive. (Darby.) Neither the palmetto nor the long-leaved pine, which grow in the other Atlantic states, are met with. Pine-timber is, however, an important article of export, and the pine-forests afford great quantities of pitch, tar, and turpentine. Some cotton is grown in different parts of the prairies, but these tracts are mostly appropriated to the feeding of large herds of cattle and orses. The sheep supply good mutton, but their wool is coarse. Vast herds of elks, deer, and buffaloes wander wild over the prairies on the banks of Sabine River. Louisiana is almost wholly an agricultural state, its manufactures being quite unimportant. The commerce of this state is wholly centred in New Orleans (which see). The exports to foreign parts amounted during the year ended the 30th of June, 1849, to 36,357,118 doll, being a larger amount than the exports from New York or any other state of the Union. But, in point of fact, only a comparatively small portion of these exports really belong to Louisiana; the far larger proportion being the produce of the states of Arkanasa, Mississippi, Tennessee, Kentucky, Missouri, Illinois, and other states bordering on the Mississippi, sent to New Orleans for shipment. To facilitate internal water communication, various canals have been cut between the Mississippi and the lakes of the low country. Railways have also been completed from New Orleans to Lake Pontchartrain and Carrollton, and others

been completed from New Orleans to Lake Pointenarrain and Carrollton, and others of much greater extent are in progress.

Louisiana is subdivided into 2 great districts,—the E. and W.; the former comprising 22, and the latter 10 parishes, equal in point of extent to the counties in the other states. New Orleans is by far the most considerable town in the state, and is, indeed, one of the greatest emporiums, not of the Union merely, but of the New World. Baton Rouge, also on the Mississippi, is the seat of government. The latter is vested in a governor, with a salary of 6,000 dollars, a senate, and House of Representatives. The senate consists of 32 members, chosen every four years, each of whom must be resident in the district, and possessed of landed property of the value of i,000 dollars. The House of Representatives consists of 98 members, chosen every free years of age, and have landed property worth 500 dollars. The right of election is in every free, white, male citizen, who has resided in the county for which he claims to vote for resided in the county for which he claims to vote for resided in the county for which he claims to vote for the restriction of the county of which he claims to vote for the restriction of the county for which he claims to vote for the restriction of the county for which he claims to vote for the restriction of the county for which he claims to vote for the restriction. sided in the county for which he claims to vote for the year next preceding the election, and has paid a state tax in the last six months. The members of the House of Representatives receive each four dollars a day during the session. The governor is chosen, by the joint ballot of both houses, for four years, and is ineligible to office during a similar succeeding term. The resolutions of 3-3ds of the members, in both houses of the legislature, become law without the concurrence of the governor. The legal code of Louislans is a modification of the old French and Spanish laws, interwoven with those in force

in other parts of the Union. Justice is administered in a

in other parts of the Union. Justice is administered in a supreme court, circuit courts, and inferior tribumsia, presided over by Judges appointed by the governor, with consent of the senate, and who hold office during good behaviour. The Judges of the supreme court have each 5,500, and those of the circuit courts 3,500 dollars a year. Education is not conducted on any uniform plan in this state: but it has a large extent of valuable reserved school lands, and three colleges, Louisiana College at Jackson, Franklin College at Opelousa, and Jefferson College, par. of St. James. to each of which the general assembly voted, in 1835, a grant of 15,000 dollars a year for 10 years, exclusive of 48,775 dollars to Jefferson College, to assist in payment of its buildings. In 1849, 550,000 dollars were appropriated for the support of the free public schools of the state, and 1,000 dollars for schools for coloured children! The debt of this state amounts to about 16,000,000 dollars, partly absolute, but principally contingent, that is depending on the returns of canals, railways, and other public works.

The region W. of the Mississippi was first explored by Europeans in 1812; but no effective settlement was made in it till about the end of the 17th century, when it was, in part, colonised by the French. The latter ceded it to Spain in 1763; but again recovered its possession in 1800. At that period, the whole territory, from the Gulph of Mexico to about the 50th deg. of N. lat., and from the Mississippi on the E. to the Rocky Mountains on the W., was comprised under the term Louisians: and the whole of this immense territory, the possession of which was of such vast consequence to the United States, was purchased by them, in 1803, from France for 15,000,000 dollars. In 1804, the present state of Louisiana was constituted a territory under its existing limits; and, in 1812, it was admitted into the Union as an independent state. It sends 4 representatives to congress. (Print's Geog. of the U. States; Burseria, 1849, 1850.)

mann, is equal to any in New York. (Winter in the Far West.)
Louisville has manufactures of cotton-yarn and stuffs, woollen goods, cotton bagging, iron, cordage, hats, &c., in which steam-power is largely employed, and several type and brass foundries, tanneries, flour-mills, &c. The falls of the Ohio are no serious obstruction to navigation, at least when the river is full, the whole descent being only 23 ft. in 2 m. To avoid them, however, the Louisville and Portland canal has been excavated, in next through a colid tides of limestops to the desch of part through a solid ridge of limestone, to the depth of 12 ft. This canal is 2 m. in length, in some places 40 ft. deep, and of sufficient width to admit the largest class of deep, and of sufficient width to admit the largest class of steamers. There belonged to Louisville, on the 30th June, 1849, 13,955 tons shipping, being all, or mostly all, steamers. The commercial transactions of the town are very large; and it has, in fact, with the exception of New Orleans and St. Louis, a more extensive trade than any town in the western part of the Union. It was founded in 1780, and incorporated as a city in 1828. (Singer's Three Years in America, i. 290—292.; Haff-ween Mercant for

(Steart's Three Years in America, 1. 290—292.; Haftman; Marryad, 4c.)

LOUTH, a marit. co. of Ireland, on its E. coast, being the most northerly in the prov. of Leinster, having E. the Irish Sea; N. Carlingford Bay, which separates it from Down and Armagh; and W. and S. Monaghan and Meath. Area, 205,261 acres, of which 14,916 are unimproved mountain and bog. Surface rugged in the N., but in other parts generally flat or undulating. Soil generally fertile. Estates of a medium size. Farms of all sizes, but the great majority sm-ll. its crope, agriculture, &c., are similar to those of Meath, which see. Average rent of land, 27s, an acre. Minerals unimportant. The linen manufacture is carried on to a considerable extent, especially at Drogheda, but the business has materially declined. Principal rivers Boyne and Dec. Principal towns Drogheds, Dundalk, and Ardee. Louth is divided into 4 baronles, and 61 parishes; and sends 4 mems. to the H. of C., vis. 2 for the co., and 1

each for Drogheda and Dundalk. Registered electors for | for which it was afterwards so celebrated. co., in 1849-20, 642. In 1841, it had 22,836 inhab, houses, days of its prosperity, more than 40 col and 128,340 inhab, of whom 62,257 were males, and 63,943 which were established in halls that had

co., in 1849.50, 642. In 1841, it had 25,856 inhab, houses, and 182,340 inhab., of whom 62,237 were males, and 63,943 females.

LOUTH, a mun. bor., market-town, and par. of England, co. Lincoln, in the Wold div. of Louth-Eake hund., parts of Lindsey, 27 m. E.N.R. Lincoln, and 177 m. N. London. Pop. of bor, in 1841, 8,385. The town, agreeably situated in a fertile valley S.E. of the wolds of N. Lincoln, has of late been much improved and is well paved and lighted with gas: it has several handsome, and a few elegant buildings, the houses generally being of brick, roofed with slate. The principal public buildings are the mansion-house, town-hall, sessions-house, and a small theatre. The church is a large Gothic structure, with a beautiful E. window, and one of the finest towers in the country, above which rises a light octangular spire, to a height of \$20 ft. from the ground. The living is a vicarage attached to a prebend. In Lincoln exhedral. A second par. church, once existing, is now destroyed; but its site is marked by the cemetery still used as a place of interment. A new district church has also been erected within the last few years. There is a Rom. Cath chapel; and the Wesleyan and Primitive Methodists, Baptists, and independents have each places of worship; to which, as well as the church, are attached well-attended Sunday schools. The free grammar-school, founded in 1862 by Edw. VI., is endowed with landed property producing 7001. a year; the half going as salary to the master, the fourth to the subser, and the residue to the support of 12 poor women. A school, established in 1877, provides instruction in English and mathematics to \$0 free boys, and 30 pay scholars. There is also a well-attended national school; and among the charitable institutions are almshouses, a dispensary, Benevolent Society, and Bible Society.

"Louth contains little or no manufacture, there being

atruction in English and mathematics to 20 free boys, and 30 pay scholars. There is also a well-attended national school; and among the charitable institutions are almshouses, a dispensary, Benevolent Society, and Bible Society.

"Louth contains little or no manufacture, there being only one establishment of any importance, a carpet and blanket manufactory. The river Ludd flows round a considerable portion of the town: it is not navigable, but feeds a canal beginning at the N.E. extremity of Louth, and communicating with the Humber. It is in a very prosperous state: the principal traffic outwards is that of corn for London, and the W. riding of Yorkshire, the inland freight being chiefly coal, most of which comes down the Humber from York. There is a paper-mill and flour-mill on the river, in addition to wind-millis and two other mills, one worked by steam, are employed in grinding bones." (Mess. Bound. Rep.) The town has also a scap-boiling establishment, and is famed for its excellent ale. Louth was incorporated in the 5th of Edward VI., whose charter was confirmed by other subquent monarchs, and, lastly, by Geo. IV. Under the Municipal Reform Act, the bor. is divided into 2 wards, and is governed by a mayor, and 3 other aldermen, with 2 councillors: it has a commission of the peace under a recorder. Corporation revenues, in 1839, 1,240L (exclusive of 133L accruing from the sale of property). Louth is also one of the polling-places for the N. or Lindsey div. of the co., and the quarter-sessions for the co. are held here in Jan., July, and Oct., the April sessions being at Spilaby. Markets on Wed. and Sat.: considerable horse fairs, April 20., 3d Monday after Easter, Aug. 5., and a large cattle fair, Nov. 22. (Mess. Corp. on Affested. Reports.)

LOUVAIN (Dutch Lessen), a town of Belgium, and formerly one of the most populous and industrious in that country, prov. S. Brabant, cap. arrond. and cant., on the Dje, a tributary of the Scheldt, and on the railway between Brussels and Llege, 14 m. E.N.E. the former; i

for which it was afterwards so celebrated. It had, in the days of its prosperity, more than 40 colleges, some of which were established in halis that had previously belonged to the clothiers. This famous seminary, after being suppressed by the French in 1797, was re-established in 1817. It has at present 20 colleges, some of which are handsome buildings. Its library, originally the drapers' hali, is richly decorated with antique wooden carriags. Edward 111. of England resided for a year, and the Emperor Charles V. was brought up, in the castle of Louvain. The town has 5 churches, 5 nunneries, 8 heepitals and charitable asylums, a royal college, and a college for ecclesiastics; and is the seat of tribunals of primary jurisdiction and commerce, a chamber of commerce and manufactures, a board of forest inspection, &c. It had, in the

pitals and charitable asylums, a royal college, and a college for ecclesiastics; and is the seat of tribunals of primary jurisdiction and commerce, a chamber of commerce and manufactures, a board of forest inspection, &c.

In the 14th century Louvain was one of the great seats of the woollen and linen manufacture, which supported, it is said, no fewer than 180,000 individuals within the city! (Busching) though this, most probably, is a gross exaggeration. But the manufacturer having revolted, in 182, against the Date of Brabant, many of them emigrated, on the revolt being suppressed, to foreign countries, on the revolt being suppressed, to foreign countries, on the revolt being suppressed, to foreign countries, on the revolt being and where being hospitably received by Edward 11th, they assisted in lying the foundations of the woollen manufacture. Louvain seems never to have recovered from this disaster. It has still some inconsiderable woollen fabrics; but it is now principally celebrated for its beer, said to be the best in Belgium. The different breweries produce about 200,000 barrels a year, a large proportion of which is sent to Antwerp and into Flanders. Louvain has also manufactures of lace and cotton yarn, and several dyeing and cotton-printing establishments, with tanneries, ditilleries, and glass works, and numerous oil and flour mills. It is connected with the Demernar Mechini by the canal of Louvain, navigable for vessels of 130 tons; and has a considerable trade in corn, clover seed, flax, hemp, &c., the produce of the surrounding country. Under the French it was included in the dep. of the Dyle. (See the Dictionment & Martinier, for an elaborate article on this city; see also Bucking; Dec Loct; Marroy; Handbook, &c.)

LOUVIERS, a manufacturing town of France, dép. Eure, cap, arrond, on the Eure, and on the road from Rouen to Evereux, 124 m. N. the latter, and is m. S. E. the former city. Pop. in 1846, ex. com. 9,570, it consists of an old and new town the former, consisting of three or four princi

affords an ample supply of water-power to the cotton and other mills. A canal, 1½ m. in length, 60 ft. in width, and 8 ft. in depth, extends from the head of Pawtucket lateral canals to the different factories. This canal is the property of a company with a capital of 600,000 dolls, which owns a large establishment for the manufacture of machinery, and by which the mills at Lowell are usually built. Including this extensive factory, there were, in 1850, 50 mills at Lowell, mostly built of brick and from 4 to 7 stories in height, besides machine shops, print works, &c.

12 companies, with an aggregate cap. of 13,210,000 dolls., were conganged chiefy in the cotton manufacture. It was estimated in 1850, that 319,946 spindles, and 9,885 looms, were condinually employed; that 105,500,000 yards of cotton cloth were annually produced, 1,022,350 yards woollen do., and 32,650,000 lbs. of raw cotton wrought up. The goods principally manufactured are of a coarse description, consisting of sheetings, shirtings, drillings, printed cloths, calicoes, negro cloth, &c. Great quantities of the goods made in the mills of Lowell was estimated in 1860, at 18,000,000 dolls. Lowell has also manufactures of gunpowder, glass, finnels, cards, whips, harness, corriages, boots and shoes, brass, copper, and from ware of the goods made in the mills of Lowell has also manufacture of one with the very complete the content of the goods made in the mills of Lowell has also manufacture of the goods made in the mills of Lowell has also manufacture of the goods made in the mills of Lowell has also manufacture of the good of the content of the good of or cotton ciotn were annually produced, 1,022,300 yards woollen do., and 28,560,000 lbs. of raw cotton wrought up. The goods principally manufactured are of a coarse description, consisting of sheetings, shirtings, drillings, printed cloths, calicoes, negro cloth, &c. Great quantities of cotton yarn also are spun. Including machinery for mills and railway engines and cars, the annual value of the goods made in the mills of Lowell was estimated in 1850, at 18,000,000 dolls. Lowell was asto manufactures of gunpowder, glass, fiannels, cards, whips, harness, carriages, boots and shoes, brass, copper, and from wares, planing and reed machines, bleaching works, &c. employing about 1500 hands: 12,010 hands were employed in the cotton, &c. mills, in 1850, of whom 8,250 were females, and 3,744 males. The average wages, clear of touard, are females, 2 dolls. a week; males 4 dolls. 80 cents per do. A large proportion of the wages received by the workpeople is said to be paid into savings' banks, one of which had, in October, 1849, 792,291 dolls. deposits. The morale of the weavers is affirmed to be equal to that of any portion of the community. A railroad 5m in length connects Lowell with Boston. Lowell was incorporated as a town in 1824, and erected into city was incorporated as a town in 1824, and erected into a city in 1835. Under the amended constitution of Massachusetts of 1840, it sends, 9 mems. to the H. of Rep.

chusetts of 1840, it sends, 9 mems. to the H. of Rep.
The progress which the cotton manufacture has made
and is making at Lowell, appears to have led many
persons to suppose that it is destined to become, at no
distant period, a formidable rival to Manchester and
Glasgow. But we are not of the number of those
who entertain any such notion. The manufactures of
Lowell and of America, in general, will necessarily, for
very many years, be confined to the coarser fabrics, in
which, indeed, most nations have long had the advantage
over us: but it is visionary to supose that they should very many years, be confined to the coarser fabrics, in which, indeed, most nations have long had the advantage over us; but it is visionary to suppose that they should, under existing circumstances, be able to come into competition with us in the production of the finer descriptions of goods. The wages of labour are higher in the U. States than here; and, which is of equal importance, machinery is also more expensive, and the profits of stock higher. In fact, the only advantage on the side of the Americans is the greater cheapness of her aw material; and this, in the case of Lowell, and, indeed, of New England generally, is next to nothing; for all the cotton used in its manufacture must be brought from the 8. States; and we doubt whether the cost of conveying cotton from Charleston or New Orleans to Lowell be not quite as great as the cost of conveying cotton from Charleston or New Orleans to Lowell be not quite as great as the cost of conveying it to Liverpool or Glasgow.

Our manufacturers may, therefore, be of good cheer. What they have really to fear is not foreign competition, but the spread of agitation and disturbance at home. So long as these are averted, foreign competition will, by whetting ingenuity, and making the manufacturers avail themselves to the full of our superior science and resources, he productive only of advantage. (Haywerd's New England Gax. 1839; Pithin's Statistics of the U. States, pp. 559—530.; Mitchelf's U. S. American M. Lowestoff, or Lowestoff, or Lowestoff, a market-town.

New England Grs. 1839; Pithin's Statistics of the U. States, pp. 559—530; Mitchell's U. S. American Almanach for 1841, &c.)

LOWESTOFF, or LOWESTOFT, a market-town, sea-port, and par. of England, E. coast co. Suffolk, hund. Mutford and Lothingland, 22 m. S. E. Norwich, and 104 m. N.N.E. London; lat. 52° 29° 10° N., long. 1° 45° 11° E., being the most easterly land in England. Area of par. 1,990 acres. Pop., in 1841, 4647. The town consists of one principal street, which has a gradual descent from N. to S.; and from this main avene proceed averal other streets towards the W.; but though well naved and lighted, they are narrow and Irregular. In paved and lighted, they are narrow and irregular. In the market-place is a building open below, the upper part of which is used for assembly-rooms and other pur-poses; and there is a small theatre. The church is a handsome Gothic building, with a tower and steeple handsome Gothic building, with a tower and steeple 182 ft. high, the living being a vicarage, in the gift of the Bishop of Norwich. There is also a chapel of ease; and the Independents, Baptists, and Wesl. Methodists, have each their places of worship, with attached Sunday-schools. A free-school furnishes instruction for 40 boys, and there is a good national achool. A friendly and benevolent society, a lyting-in charity, and dispensary, are the principal charities. Several handsome lodging-houses have been built for visiters coming here for

required on either into or navigation. Into improved communication must be of great service to the country which it intersects, and especially to Beccles and the city of Norwich, on which, indeed, it has conferred most of the advantages of a sea-port. (Priestly on Canals, &c.,

communication must or great service to the country which it intersects, and especially to Beccles and the city of Norwich, on which, indeed, it has conferred most of the advantages of a sea-port. (Prictity on Canais, &c., 513.)

Still, however, the chief consequence of Lowestoff, as a port, is owing to its herring fisheries: the quantity of fish annually taken and cured is very large; while, at the same time, their quality is considered superior, and they fetch higher prices in the London market than those sent from Yarmouth. Sall-making, boat-building, and the manufacture of rope and twine, are extensively carried on; and several hands are employed in making harries in which to pack the cured fash previous to their being sent to market or exported. Markets on Wednesday: fairs, May 12. Mich. Day, and Oct. 10.

The only historical celebrity of Lowestoff is derived from the fact, that on 3d June, 1656, a sanguinary naval engagement was fought off the coast between the English and Dutch, the fleet of the former being commanded by the Duke of York, afterwards James III.; and that of the latter by Admiral Opdam, who was killed in the battle. LOXA, or LOJA, a town of Spain, in Andalusia, prov. Granada, on the Xenil, 26 m. W. Granada, and 92 m. E. by S. Seville. Pop., according to Miffano, 18,866. It stands on the S. side of a rocky gorge, by which the Xenil escapes from the fertile Vega of Granada; and "its situation is peculiarly picturesque, the town being built on a steep acclivity, embosomed in groves of fruit trees, and overlooked by a toppling mountain, forming one of the offsets of the Sierra Nevada." It contains 3 small and shabby parish churches, with 2 hospitals; and on an eminence at its 8. extremity, is a ruined Moorish castle, once of great strength and celebrity, but now the residence of a few hermits. "Loja is proverbially noted for the fertility of its gardens, olive-grounds, and orchards, the abundance and purity of lits springs, and the loose and hard features of its rural linhab." (Soci* Ronada and

LUBECK.

however, unfavourable to the silk-worm. Hemp and flax succeed well; but the culture of madder and saffron has been abandoned. The mountain pastures are excellent, and feed many sheep: coarse woollens and serges are made in almost every peasant's family. In 1835, of 43,847 properties subject to the costribution foncière, very nearly a half were assessed at less than 5 fr., and 6,635 at from 5 to 10 fr., only 7 properties being assessed at more than 1,000 fr., and 53 at from 500 to 1,000 fr. The dep. is said to be rich in mineral products, but the mines are but little attended to Lozere is divided into 3 arronds; chief towns, Mende, the cap, Florac, and Marvejols. It sends 3 mems. to the Ch. of Dep. Number of electors in 1838-39, 719. Total public revenue in 1831, 2,256,276 fr.; expenditure in the same year, 1,777,870 fr. (Hugo, art. Lozere; Qf. ficial Tablez, \$c.')

LUBECK, a city and republic of N. Germany: the city, which is the cap, of the Hanseatic towns, and the seat of their high court of appeal, is sit. on the Trave, about 10 m. (direct distance) from Travemunde, at its mouth in the gulph of Lubeck in the Baltic, 36 m. N. E. Hamburg, and 38 m. S. E. Klei 1 tat. 530 52° y' N., long, 10° 41′ E. Pop. in 1845 of town, 25,239, of town and territory, 47,197. The town is built on a gentle ridge, on one side of which runs the Trave, and on the other the Wackenik. The envirous are well wooded, and enlivened with cheerful villas, particularly those along the banks of the Trave. The streets, which are steep, are wider than those of Hamburg. The houses generally appear to be old, and mostly built of stone; like those of Hamburg and Antwerp, their gable ends face the street. They are in general very lofty, 6 or 7 stories not being mecommon. Bound the ramparts of the cliy, in which there are 2 handsome gateways, is a promenade shaded with fine trees. The principal built dilargs are the cathedral, 4 churches, and the town hall. The cathedral is a curious old building, the spires of which being much out of the p

stroyed in 1817. Lubeck has a Calvinist and a R. Čath.
church, an exchange, arsenal, and mint, several hospitals and benevolent institutions, a gymnasium, a cityschool, which in 1832 had 383 pupils, ecclesiastical and
teachers' seminaries, schools of surgery, midwifery, navigation, drawing, swimming, and numerous other schools,
a public library of 38,000 vols., a society of useful sciences
and arts, a bible society, a house of correction and prison,
a theatre for operas, &c.

Lubeck, though by no means so prosperous and important as formerly, is still a thiving commercial town.
Many of its modern-built houses are on a grand scale.
Their basement-stories are used as magazines or warehouses, and they have commonly large court-yards into

Their basement-stories are used as magazines or ware-houses, and they have commonly large court-yards into which the carriages of the proprietors are driven. (Barrow, p. 28.) In Lubeck and its territory are numerous breweries, distilleries, iron forges, and linen yarn factories; besides manufactures of hats, vinegar, starch, tobacco and smuff, wax lights, paper and cards, musical instruments, with numerous oil and other mills, several printing establishments, and a few woollen, cotton, and golden and silver lace factories. Its trade is principally confined to the N. and W. of Europe-Berghaus states that upwards of 1,600 vessels a year enter and leave its port; they are principally Danish,

LUCCA (DUCHY OF).

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the rest being Russian, Swedish, Lubeck, Dutch, English, and Prussian. Lubeck communicates by means of the Trave and a canal with Hamburg (which see, with which it has an extensive intercourse. The principal articles of export is corn: the principal articles of import are wines and silks, from France; cottons, hardware, and other manufactured goods, from England; colonial products, dye stuffs, &c. It has an extensive commission and transit trade, and considerable markets for wool, cattle, horses, &c. Vessels of considerable burden load and unload by means of lighters at Travemunde, at the mouth of the river, which is properly the port of Lubeck. Two steam-hoats, of small draught of water, ply on the river between the city and alta port. Steam-packets sail at fixed periods from the latter for Petersburg, Stockholm, and Copenhagen. Lubeck has several fire and life insurance companies. Accounts are kept in marks of the value of ls. 2:674. each, divided into 16 schellings of 12 pfennigs. The Lubeck rix-dollar, equivalent to 3 marks, is worth 4s. 6:726. The lb.—about 18 oz. avoird.; 112 lbs.—a centurer.

l centner.

The territory subject to Lubeck consists of a district of about 80 sq. m., immediately adjacent to the ciry, sur-rounded by the territories of Mecklenburg, Holstein, and Oldenburg, and the Baltic; of numerous small de-tached portions of surface enclosed by Holstein; and of tached portions of aurface enclosed by Holstein; and of the Viertifander, and town of Bergedorf, the sovereignty over which it chares with Hamburg. United area, about 127 sq. m. Pop., in 1845, 47,197, all Lutherans, except about 300 Calvinista, 400 Rom. Catha., and as many Jews. The land is very productive, yielding good crops of corn, fruit, and kitchen vegetables; but the rearing of live stock is the chief occupation of the rural pop. The government is vested in the senate and house of burgesses (bürgerschaft); the former consists of 4 burge-matters, holding office for life; 2 syndics, and 16 councilliors; and the latter of 12 colleges or companies, only 7 of which have, however, the privilege of voting. The house of burgesses has the initiative in all deliberations relative to the public expenditure, foreign treaties, &c.;

cillors; and the latter of 12 colleges or companies, only 7 of which have, however, the privilege of voting. The house of burgesses has the initiative in all deliberations relative to the public expenditure, foreign treatics, &c.; the senate is entrusted chiefly with the executive duties, but its sanction is necessary to the passing of new laws. Public revenue, in 1850, 831,891 marks; expenditure about equal. In 1849 the public debt amounted to, 5,605,876 marks; but it is, and has been, in process of reduction. Lubeck has one vote in the full council of the German Confederation, and along with the other Hanse Towns, a vote in the committee. It furnishes a contingent of 407 men to the army of the Confederation. It is uncertain when or by whom this city was founded but no doubt it existed assec 1140. Early in the 18th century, the Emperor Frederick II. made it one of the free towns of the empire; and from 1260 to 1669, Lubeck was the repository of the archives of the powerful association of cities included in the Hanseatic League, and the station of the League marked the epoch of the decline of Lubeck. After the battle of Jena, Blucher threw himself into Lubeck, which, after a severe engagement, was taken by the French, and sacked. In 18:0, it was male the cap of an arrond in the dep. Bouches de l'Elbe; but was restored to its rank, as a free city, by the Congress of Vienna in 1815. Sir Godfrey Kneller, the palanter, Moshelm, the historian of the Christian religion, Melbomius, and H. Muller, were natives of Lubeck. (Martiseire, Dictionauter Geographique; Berghaus; Allg. Länder, &c., iv. 486-499.; Barrow's Escurious in ke. N. of Europe.)

LUBLIN, a city of Russian Poland, cap. of the palantate of Lublin, in a marshy situation, on the Bistraya a tributary of the Wieprs, 97 m. S. E. Warssw. Pop. estimated at 16,500, half of whom are Jews. It is subdivided into the old and new town, the former situated on a minnence, and the latter on the bank of the river. Lublin was fortified by a wall and ditch, till these works w

were destroyed in the civil wars towards the end of the 18th century. It has still, however, a citatel standing on a high rock, and, according to Stein, the ruins of a castle built by Casimir the Great. Its streets are irregular and filthy, and its houses mostly of wood. The principal edifects are a handsome town-hall, the Sobleski palace, the cathedral, the churches of the Dominicans and Carmelites, and that formerly belonging to the Jesuita. There are in all 18 churches and 12 convents, 6 nun-There are in all 18 churches and 18 convents, 6 nunneries, a spacious synagogue, an episcopal seminary, a Plarist college, several civil and military hospitals, an orphan asylum, and a theatre. Lublin is a bishop's see, and the seat of the second court of appeal in Poland. It has manufactures of coarse woollens; considerable trade in woollen cloth, corn, and Hungarian wines; and three large yearly fairs, each lasting a month, and attended by German, Greek, Armenian, Arabian, Russian, Turkish, and other traders. (Dict. Géog.; Sicis, &c.)

LUCCA (DUCHY OF), a state of Central Italy, being, excepting Sam Marino, the smallest of the Italian states; between lat. 43° 46′ and 44° 14′ N., and long. 10° 9′ and

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10° 42° E.; having (except a few small detached portions)
N.W. and N. the territories of Modena and the Tuscan
Lunigiana, E. and S. Tuscany, and W. the Mediterranean. Length (N. to 8.) 26 m.: greatest breadth, 21 m.
Area (incl. Moutignoso, &c.), 420 sq. m. Pop. (1839),
163,198. The Apennines skirt the N. part of the ducity,
2-3ds of which they cover with their ramifications; but
none of these rise to the height of 4,000 ft. The rest of the
surface is a low but fertile plain, which becomes marshy
towards the coast. The general slope of the country is
from N. to S., in which direction it is traversed by the
Serchio near its centre. This river is not navigable, but
is of great use for irrigation; most of the other streams
in the duchy are its tributaries. Near the shore are
some small lakes. The mean annual temperature is
about 52° Fah.; in the summer it rises to 80°: in winter
it rarely freezes in the plain of Lucca. The soil, which
is calcareous and stony in the N., is sandy in the S., and
rich in the intermediate region. The pop. is chiefly
agricultural, but the corn produced is not sufficient for
home consumption; the deficiency being principally supplied by beans, which are largely cultivated, and partly,
also, in the mountainous districts, by chestnut four.
The latter is sometimes exported to the neighbouring
states, the price varying from 6s. 8d. to 10s. a sack. The
culture is extending of all the articles for the production
of which the soil and climate afford facilities. The number of mulberry trees has rapidly increased since the
eace, and the manufacture of olive oil has been maculture is extending of all the articles for the production of which the soil and climate afford facilities. The number of mulberry trees has rapidly increased since the peace, and the manufacture of olive oil has been materially improved. The latter is esteemed the best in Italy, and fetches the highest price, especially that grown on high grounds. It is exported to the value of about 32,000. a year; the market price being from 4d. to 54d. the Lucca pound of 12 oz. Wine is said to give a fair return to the cultivator; hemp and fax are raised, and the produce of silk is very considerable. Lucca, in fact, was early distinguished by her proficiency in the silk manufacture; and in 1319 the culture of the mulberry became an object of public attention. Rice is grown near the coast, in which neighbourhood also most of the cattle in the duchy are reared. There are nearly 25,000 landed proprietors, of whom a large part have necessarily very small properties, and belong to the class of agricultural or manufacturing labourers. The principal causes which have led to this subdivision of the land, as well as to the rapid increase and great density of the pop., appear to be the habit of dividing leasehold property equally among the males of a family, the suppression of monasteries, and the abolition of entails.

The métagyer system of agriculture is not so prevalent here as in Tuescane.

leasehold property equally among the males of a family, the suppression of monasteries, and the abolition of entails.

The métayer system of agriculture is not so prevalent here as in Tuscany and elsewhere; but Sismondi represents the peasantry of Lucca as being, notwithstanding, in a very depressed condition. "Every day the husbandman is reduced to buy the day's provision. Very rarely has he a reserve of corn; still more rarely, of oir or wine. The former has been sold in the press, and the latter in the tub. He has rarely any provision of salt meat, butter, cheese, or vegetables. All the kitchen utensils are of earthenware; and the whole furniture consists of a table and some wooden chairs, one or two chests, and an indifferent bedstead, on which the father and mother sleep, with their feet in one direction, and the children with their feet against the head-board. When the division under General Vatrain ravaged the districts of the Val di Nievola, in 1799, the peasantry derived this advantage from their indigence, that when they had concealed their clothes, and the gold trinkets of their women, they had scarcely any thing left to lose." (Sismondi, Tablessa & Lagric, Toscane, &c., pp. 213, 214) But, according to Dr. Bowring, this statement must be either too highly coloured, or the condition of the peasantry must have improved in the interval; for he affirms that the labourers, in addition to articles of prime necessity, consume salt provisions, and sometimes fresh meat and colonial products. The ordinary wages of country labourers vary from bd. to 64d. a day, with food: farm labourers, who dwell with their masters, get from 45 to 55 fr. ayear. The mountaineers, who depend almost entirely upon the culture of the chestnut, are said to be in a better condition than the peasantry of the bills and plains. The inhabitants of the dwell of the beautiful complexion and regular features of the women. This last circumstance is the more remarkable, as, during a great part of the year, these women, have to bear the whole

copper, iron, and lead ores are met with. Statuary marble, and other fine marbles, are found in great abundance. From 5,000 to 5,000 hands are employed in the manufacture of sith, wool, and cotton; and there are in the duchy about 30 paper factories, and others of linen cloth, straw and beaver hats, leather, glass, and iron goods. The capital is the chief seat of manufacturing industry. The value of the exports amounts to about 4 million fr. a vaar, more than 1-4th part of which is derived from oil and

The capital is the chief seat of manufacturing industry. The value of the exports amounts to about 4 million fr. a year, more tham 1-4th part of which is derived from oil and silk. These articles go chiefly to other parts of Italy, and to France, England, and the Levant. Grain, seeds, wine, liqueurs, live stock, lamb-skins, and fresh fish, are sent to Tuscany; and woollen goods to the rest of Italy and the Levant. The imports, which mostly come from Tuscany through Leghorn, consist principally of grain, seeds, rice, fine wines, hemp, flax, cotton, colonial products, salted provisions, pig-iron, &c. British cotton woollen and linen fabrics pay an import duty of 10 per cent. ad valorem, cotton twist pays 3 lire, pig and har iron, 5 lire 15 soldi, and glass wares, 6 lire per 100 lbs. The importation of tobacco and salt is prohibited, except on account of government, which has a monopoly of those articles. The lb. (libra) of Lucca is somewhat less than the lb. Troy; the peos grosso=11 lbs; the copo of oil=24 pest grossi, the stajo of cornsabout 54 gallons. Accounts are kept in lire of 20 soldi and 240 danari. The lira=74d.; the scudo=4s. 54d.; the gold doubloon or pistole=14s. 57d. English. Lucca has only one seaport, Viareggio.

The government is a limited monarchy, under a duke,

The government is a limited monarchy, under a duke, who exercises the executive power, nominates the ministers, and all other public officers, &c. But an estimate of the amount of the public expenditure is annually laid before the senate, and must be sanctioned by it. This body consists of 35 mems, elected from among the four classes of merchants extracted the senate, and body consists of 35 mems, elected from among the four classes of merchants, artisans, scholars, and landed proprietors, called together by the duke for at least a month every year; and without its consent no tax or other public burden can be imposed. The council of state consists of the 2 state ministers and 6 additional councillors. Justice is administered by a local commissioner in each commune; and a tribunal of original jurisdiction, a civil and criminal court of appeal, and a court of cassation in the cap. A permanent council of war, and a court of revision, sit to decide in military causes. The military force comprises about 750 men, costing about 10,8004, a year. The naval force consists of only a goelette of 12 guns, and 3 gun-boats. The regular and secular clergy amount together to about 1,900 persons, under the architekhop of Lucca. There are about 120 communal and other public and private schools, educating 3,000 pupils, or 1 in 53 of the pop. The principal establishments of this kind are the college of Charles Louis, with 140 students, the archbishop's seminary, the ducal lyceum 140 students, the archbishop's seminary, the ducal lyceum with 300 students, and the conservatory of Louis Char-lotte with 40 female scholars. There are some extensive charitable institutions, costing the state annually about 12,500. The public revenue and expenditure are about 83,000. A year each. The civil list costs about 25,300. Lucca has no public debt, except that due for pensions, &c.

Lucca, like the rest of Italy, experienced many changes in the middle ages. The cap, attained its liberty after the decease of the Countess Matilda, in 1115, when it the decease of the Counters Matilda, in 1115, when it became an independent republic. In the next century it again fell under feudal authority, and afterwards belonged auccessively to Louis the Bavarian, and to noble Geneese, Parmesan, Veronese, and Florentine families. In 1370, it again obtained its liberty, by purchase, from the emperor Charles IV., for 100,000 crowns; and from that date to 1805, it was governed by its own gonfoloniers. Mapoleon united Lucea with Plombino in a principality; the congress of Vienna, in 1814, erected it into a duchy. But in virtue of arrangements consequent on the death, in 1847, of the Archduchess Maria Louisa, the greater part of Lucca has been added to Tuscany, and the rest to Modena.

part of Lucca has been added to Tuscany, and the rest to Modena.

LUCCA (anc. Luca), a city of Italy, cap. of the above duchy, in a plain near the left bank of the Serchio, 11 m. N. E. Plsa, and 38 m. W. Florence; lat 43° 50′ 49″ N., long. 10° 30′ 40″ E. Pop., in 1839, 24,692. The city is surrounded with walls; which would form, however, but a very feeble defence against an enemy. The towers of the churches, rising above the ramparts, have a fine effect in the rich and beautiful landscape, the view being bounded by vine-clad hills spotted with villas, over which tower the craggy Apennines. On a nearer inspection, the public buildings are less pleasing in their architecture than in their distant effect; yet many of them are very curious structures. According to Mr. Woods, "The churches are all, more or less, imitations of the cathedral at Pisa; smaller, indeed, in size, but some of them are decidedly superior in the proportions and disposition of the parts." (Letters of an Architect, il. 410. Most of the churches are built of Carrara marble. The cathedral, mostly constructed in the 11th century, has much carved, inlaid, and mossic work; a rich display of

LUCENA.

Stained glass; a Madousa, by Fra Bartolomaneo, and some pictures of the Venetian school. The churches of San Michele, and San Frediane are both ancient. The latter belonged to a monastery resterred and enriched towards the close of the 7th century. Frequent notices, both of the monastery and the church, occur in the succeeding centuries, but nothing, it is said, indicates that the latter has been ever result, or materially altered. Its curious architecture is described by Woods, it. 411. The ducal palace is a large structure, the exterior of which presents nothing remarkable; but its interior is superbly farnished with articles of Lucca manufacture, the cellings and walls being also adorned with frescoes by Lucchose artists. The Palazzo Pubblice, the residence of the gonglatostere, in the days of the republic, is described by Forsyth as an immense and august edice, which makes the city round it look little. There is a small, but handsome theatre. Lucca is generally well built: many of the private houses are very good, though their pointed roofs, gable ends, &c. give it the well built: many of the private houses are very good, though their pointed roofs, gable ends, &c. give it the aspect rather of a Flemish than an Italian city. The streets, though crocked, are broad and well-paved; and the ramparts, planted with trees, form pleasing promenades. It has several colleges, a seminary, founded by Eliza, Princess Bacciochi, sister of Napoleon, for 100 young ladies, a botanic garden, a ducal library with 10,000 vols., a depole of mendicitie, a montel di piccii, and a sarings' bank. For yth, who visited this city in 1802, speaks of it as silent, and gloomy; it enjoys, however, the title of Financian and the street of the street

young tattes, a botanic garden, a due a library with \$1,000 vols., a university library with \$1,000 vols., a dropt de mendicité, a monté di piedé, and a saring, bank. Forsyth, who visited this city in 1802, speaks of it as silent, dell, and gloomy; it enjoys, however, the title of fundational gloomy; it enjoys, however, the title of fundations in klaly. Its manufactures mostly consist of silk and weellen fabrics. The usual wages paid to men vary from to 2 ft. a day; women and boys earn about § ft. a day. The city has also a considerable trade in olive oil, &c. About 12 or 12 m. up the valley of the Serchio are the baths of Lucca, picturesquely situated, and frequented by numerous visiters. The temperature of the hottest spring is about 130° Fah.

Lucca was colonised by the Romans A. U. C. 575. It was a mumicipal town, and frequently the head quariers of Cesar, during his command in Gaul. Traces of a Roman amphitheatre are still discoverable. This city was taken by the French in 175°; and, in 1808, Napoleon made it the cap. of a principality he erected for his sister's husband, Bacclocki. (*Rampoldi; Woods; Forsyth; Cramer's Inc. Ruly, 1. 173.)

LUCENA (an. Elisans), a town of Spain, in Andabasia, prov. Cordova, 31 m. 8.5 E. Cordova, and 82 m. E. Seville. Fop., according to Mifaino, 19,716. It stands on the slope and at the foot of a hill, comprising some respectable streets, lined with good houses; two squares, and agreeable suburbs. The neighbourhood is distinguished for the abundance of its produce in fruit and grain, which chiefly contributes to the support of the pop.; but the processes of tilinge are of the rudest description, and the resources of the soft are little tried.

LUCERA (an. Inscervia), a city of S. Italy, Neapol. dom. prov. Capitanata, cap. canton, on a height abrupt towards its N. side, 12 m. W. N. Foggia. "The city contains 12,000 inhabs., apparently in easy circumstances. The house, which are all title, die generally good; but the streets are narrow, ill-paved, and dirty. Seme ancient walls

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a temple of Apollo: the capitals are modern. Facing this church is the bishop's palace, considered the finest piece of architecture in Apulla. The tribunal and other public edifices, reader the appearance of this part of the city somewhat imposing. The Tribusake includes the criminal and civil courts for the prov., the register-office, the motarial chamber, the residences of the president and judges, and an extensive private collection of coins, medals, and antiquities. Great numbers of cattle are kept in its neighbourhood; and its cheese is held in great repute.

Lucera is said to have been founded by Diomed, and was the cap. of Danisla under the Greeks; it afterwards became a Roman colony. Having fallen into decay, it was renovated in 1839, by Frederick II., who transported thither a colony of Saracens from Sicily, to whom he gave great privileges. In 1869, however, Charles of Anjou expelled from the Neapolitan dominions such Moors as refused to embrace Christianity, and converted the mosque of Lucera into a church. Numerous antiquities of various ages have been discovered in and about Lucera. (Craser's Tour, &c., pp. 48—51.; Swénburne, i. 187—180.; Cramer's Ancient Italy, ii. 286, &c.)

LUCERNE (CANTON OF), a canton of Switzerland, ranking third in the Confederation, between lat. 469 47 and 470 17' N., and long, 70 50' and 80 29' B.; having N. Solothurn and Aargau, B. Zug, Schwyts, and Unterwaiden, its highest summit, the Tomishion being settinated at 7,188 ft. above the level of the sea. The S. and E. parts of the canton are watered by the Reuss and Little Emmen; the other rivers are the Wigger, Sur, Vinon, &c., all having a N. course, and Joining the Aar in Aargau. The Lake of Lucerne (which see) forms a part of its E. houndary, and the cant. comprises several small lakes, as that of Sempach, 4 m. in length, Mauen, &c. The Climate is mild, and the soil more favourable to agriculture than that of most of the neighbouring cantons. According to Ebel, more corn is grown than is requi

dred, 50 or whose standard of from the inhab, of other parts of the cap, and 50 from the inhab, of other parts of the canton. The 18 arrondissements into which the cant. Is subdivided, and the three municipalities of Sursee, Sempach, and Villisau, send 1 mem. each to the council, and the remaining 39 mems, from the rural districts, are chosen by the council itself. The council also nominates 40 of the deps, from the town of Lucerne, the remaining 10 being sen by that municipality. The right of election belongs to every native (bourgeois) of the canton 30 years of age, having property to the amount of 4000 fr., and who has not been penally condemned, or is bankrupt. Members of the council must be 25 years of age, and pay taxes on property to the amount of 4000 fr., or have rendered important services to the state. A body of 36 members, 30 years of age, chosen from among the council, and holding office for life, forms the senate, to which is confided all the executive power. The council

Vos. II.

meets regularly three times a year, but may be convoked oftener, at the pleasure of the senate. Two swogers, or presidents, are chosen annually from among the senate, by the council, one to preside at the council and the other in the court of appeal. The latter tribunal is composed of 12 mems., chosen from the senate, and has authority in all legal causes, except in cases of capital punishment, when the senate is assembled to pronounce judgment. The council of state for the Swiss Confederation is chosen from among the senate, when Lucerne has the directorial power, which occurs once every three years. In ecclesiastical matters, Lucerne is subordinate to the bishop of Basle; but being at the head of the Rom. Cath. cantons of Switzerland, it was the permanent residence of the papal nuncio till 1835, when, in consequence of a dispute with the government, the nuncio removed into the canton of Schwytz. Public instruction is under the direction of a commission of senators: it has been till lately indifferently conducted, but is improving. The public revenue amounted in 1832 to 366,139 Swiss fr., the public expenditure to 359,383 fr. A contingent of 1,734 troops is furnished to the army of the Confederacy, and 26,000 Swiss fr. money.

LUCERNS, a town of Switzerland, cap. of the above canton, and one of the three seats of the Swiss diet, on both sides the Reuss, where it issues from the W. extremity of the lake of Lucerne, 26 m. S. W. Zurich, and 43 m. E. N B. Berne. Lat. 470 3° 27" long, 80 18° 28" E. Pop. 7,800. Its situation is highly picturesque, and its servirons abound with pleasant promenades. The town is surrounded by a circle of watchtowers, and on the land side is inclosed by a continuous wall. It is pretty well built, and has several fine public edifices. The cathedral, founded in 896 (E&Pc), has a painting of Christ on the Mount of Olives, by Lanfranc, and an organ with nearly 3,000 pipes. The churches of St. Peter and the Jesuits are handsome buildings; and there are several converted into a lyceum. The mo

that of the Jesuits 1828, 1822 and 1824 copied from the "Dance of Denath." The town-hall, where the diet and cantonal council meet, erected in 1606, is, though small, a handsome building. In the arsenal are several suits of ancient armour, including the coat of mall worn by Leopold of Austria, killed at the battle of Sempach. Lucerne has 2 hospitals, an orphan asylum, a mint, a jail, a theatre, public libraries belonging to the town, the Jesuits, Cordeliers, Capuchins, &c., and a lyceum, with 14 professors of theology, law, natural and moral philosophy, history, mathematics, and the fine aris. Attached to the lyceum is a large public school." Into this school every child until the age of 12 is admitted, upon payment of 6 francs a year, and is taught reading, writing, arithmetic, and the first principles of Latin; and this privilege of acquiring, in early years, the rudiments of learning, is not confined to the city of Lucerne, nor even to the canton; persons may claim admittance from any other of the Swiss cantons, and even from foreign countries. The college and the school are one establishment; and every one who has received his education in the school is immediately received as a pupil of the college, and pays nothing for his instruction there. The original fund for this establishment amounted to 400,000 fr., but has subsequently been greatly increased. The original fund for this establishment amounted to 400,000 fr., but has subsequently been greatly increased by donations." (Inglis, 116,117.) The institutions for the intellectual and moral improvement of the inhab, are on a scale of great liberality, though education be far from being widely diffused either in the city or the canton generally. In the town is the celebrated model in relief of Switzerland, made by General Pfyffer; and in the Pfyffer Garden, outside the walls, is a monument, from a design by Thorwaldsen, to commemorate the Switzer of Switzerland, made by General Piyffer; and in the Plyffer Garden, outside the walls, is a monument, from a design by Thorwaldsen, to commemorate the Swiss guards who fell at Paris in the memorable attack on the Tuilleries, on the 10th of August, 1792. "It represents a lion of colossal size, wounded to death, with a spear stricking in his side, yet endeavouring with his last gasp to protect from injury a shield bearing the flour-de-list of the Bourbons, which he bolds in his paws. The figure, hewn out of the sandstone rock, is 28 ft. long, and 18 ft. high, and its execution (which is by Ahorn of Constance) merits great praise." (Macray's Handbook.) The weekly corn market held here is one of the most extensive in Switzerland. Lucerne has a casino and a theatre open in winter. Dancing is prohibited by the authorities, except during the last three days of the carnival and on a few other special occasions. This prohibition is strictly enforced in Zurich; but it appears last about difference was given by Pepin in 768 to the abbots of Murbach in Alsace; to yhom it belonged till towards the end of the 13th century, when it was sold to the House of Hapsburg. But in 1832, the citizens, impatient of the Austrian yoke, rebelled, and joined the

LUCIA (ST.).

three primitive cantons of the Swiss Confederacy. In less than 30 years they conquered the territory which now forms the canton. The town was taken by the French May 1., 1798, and was for eight months the cap. of the Helvetic government.

LUCERNE (LAKE OF) (Germ. Waldstätter See, or the Lake of the Four Forest Cantons), a lake of Switzerland, in nearly the centre of that country, between the cantons of Lucerne on the W., Schwyts N., Uri E., and Unterwalden S. It is the largest and decidedly the finest lake in the interlor of Switzerland, and one of the most picturesque in Europe. It is of a singular cruciform shape, with an addition to its E. end, termed the Lake of Uri. Its greatest length is about 35 m.; but the breadth of any of its arms is seldom more than 2 or 3 m. Area estimated at 43 sq. m.; height of its surface above the level of the sea, 1,380 ft.; depth varying from 300 ft. near lits E. end. The Reuss traverses this lake in its entire length, emerging from it mear its W. extremity. Its banks exhibit every gradation of scenery, from a gently rising and fertile country at its W. end, to rugged and savage sublimity on the Lake of Uri. Its E. and S. parts are surrounded by mountainsing to many thousand feet above the sea, the chief of which are Mounts Pilate and Righl. Its shores abound in localities memorable in early Swiss history. At the N. extremity of what is called the Lake of Uri is the little town of Brunnen, where, in 1315, a treaty was entered into by Uri, Schwyts, and Unterwalden, which gave birth to the Helvetic Confederacy. Like all mountain lakes, it is subject to violent tempests; and in consequence of the different positions of the different arms, and the influence of the different positions of the different arms, and the influence of the different positions of the different arms, and the influence of the different positions of the different arms, and the influence of the different positions of the different arms, and the influence of the different positions of the different

122 per thousand of the white, and 42 per thousand of the black troops.

"Basecerre, the best cultivated portion of the island, abounds in swamps and marshes. Capisterre consists of a succession of abrupt mountains of the most picturesque and fantastic shapes, covered to the summit with forest trees and dense underwood, and intersected by numerous ravines, which, being too narrow to admit of free ventilation, are at all times replete with moisture, and choked up with decayed vegetation in every stage of decomposition. "The climate is principally characterised by extreme moisture and variableness. During several months, but particularly inoct. and Now, rain is meessant and showers are frequent for at least 9 months of the year. Cool dry weather generally sets in about Christmas, and continues 3 or 4 months, at which time the climate is exceedingly pleasant, though not more healthy, since it is at that period of the year that the greatest mortality prevails. During the rest of the year the weather is sometimes dry and sultry, at others cold and damp, exhibiting a difference of 10 or 12 degs. of temperature in a few hours." (Tullock's Report on Mortality, &c. is the W. Isades.) The range of the thermometer is much the same as at Dominica. Nearly 5,000 acres are under crops, and 4,700 in pasture. The mountains are feathered to the top with tall forest trees, and the valleys at their feet abound with excellent timber.

St. Lucia has several good harbours, the chief being

St. Lucia has several good harbours, the chief being the Carenage on the W. coast, within which 30 ships of the line may lie in perfect security, without even, as is stated, being moored. The wish to command this admirable harbour was, in truth, the motive which washes the island be formerly so much coveted by the

Buropean powers.

The quantities of the principal articles imported into the United Kingdom from St. Lucia in 1848 and 1849,

Years.	Sugar.	Rum.	Molamus.	Coffee.	Cocoa.
1848 1849	Cruts. 61,154 67,395	Galls. 18,400 1,473	Crede. 5,519 10,087	£6. 51	Lbe. 16,917 7,928

The total value of native exports from St. Lucia, in Bi48, was only 43,312%; but their value in that year being unusually reduced, it may, at a medium, be estimated at 90,000. Tole, 100,000. The exports from the U. K. to St. Lucia, in 1849, amounted to 16,672%. The island is divided into 9 partines. Castries, the cap., lies is a low and marshy situation, at the extremity of a long and winding bay of the same name. The fort, where most of the troops in the island are stationed, is built on the summit of a steep hill, called hlorne Fortune, about 1½ m. from Castries, and 880 ft. ahove the level of the sea. Near it is the principal hospital. Asother hospital, and some barracks, are erected on Pigeon island, a small, conical, and extremely unhealthy islet, near the N. extremity of the island. St. Lucia is governed by a governor and council, acting under orders from England. The mutual jealousies of England and France prevented, for a leaghtened period, a permanent settlement being made on the island, which was then regarded as a sort of neutral territory. At length it was ceded to the French in 1763. But being taken by the English in 1803, it was definitively assigned to us by the Treaty of Paris. (Pari. Reports, 4c.)

neutral territory. At length it was ceded to the French in 1763. But being taken by the English in 1803, it was definitively assigned to us by the Treaty of Paris. (Paris. (P

rank in Hindostan.

"The second quarter of Lucknow was built mostly by the late nabob, Saadet All. It stands near the Goomty, towards the S.E., and consists of one very handsome street, after the European fashion, above a mile in length, with bazaars striking out at right angles, and a well-ouilt new chook or market-place in the centre, with a lofty gateway at each extremity, which presents a Grecian front on one side, and a Moorish one on the other. The houses that compose the remainder of this street belong to the king, and are occupied by members of his family, or officers of his household. These are, for the most part, in the English style; but with a strange occasional mixture of Eastern architectura. The same remark applies to the palaesa, &c. that occupy the strange occasional mixture of Eastern architecture. The same remark applies to the palaces, &c. that occupy the space between this street and the river. All these palaces are filled with European furniture and pictures, and may rank with comfortable Ringlish houses; but none is on a scale of royal magnificence. The king's peculiar residence only excels the others in being approached through 6 spacious courts, with reservoirs, fountains, and insumerable pieces of cast statuary, China figures, and other toys that decorate its area. The adjacent buildings of the British residency terminate the great street to the N. At its opposite extremity is the entrance of the Delkusha park, an artificial wilderness

of high grass, with which Sasdest All clothed the arid tract between Lucknow and Constantia, and well stocked with deer, antelopes, and peacocks.

"The third quarter of the city adjoins the Goomty to the N.W. being only separated by a wretched bassar from the second. It consists chiefy of palaces and religious buildings; and being in a style more purely oriental than the modern portion of the city, is by far the most interesting quarter to a stranger. The magnificant pile of Imassm-birah, with its noble gateway, called the Resemi-dernasek; the new palace built, but never finished, by Sasdet Ali, the Develet-khansek, &c. are the chief ornaments of this division of Lucknow." (Hamstlons & E. T. Gest., il. 130, 131.)

There are many stately khens, and some handsome mosques and pagodas scattered in different parts of the wretched alleys, of which the city chiefy consists; but the most striking buildings, as in other Mohammedan capitals, may be a striking buildings, as in other Mohammedan capitals, and the striking buildings, as in other Mohammedan capitals, and the striking buildings, as in other Mohammedan capitals, and the striking buildings, as in other Mohammedan capitals, and the striking buildings, as in other Mohammedan capitals, and the striking buildings, as in other Mohammedan capitals, and the striking buildings, as the striking buildings as the building is through a very large quadramproach to the chief, it is easily by Lord Year the part of the building is through a very large quadramposch to the building is through a very large quadramposch to the building is through a very large quadramposch to the building is through a very large quadramposch to the building is through an an india of the strike is building. The strike is a strike is a strike is building, and the strike is a st

of extensive and magnificent rules; and round the casts are public while that from the first threat, from which the entire of the town is "the Cross," a handsome case that the centre of the town is "the Cross," a handsome case that the centre of the town is "the Cross," a handsome case that the centre of the town is "the Cross," a handsome case that the centre of the town is "the Cross," a handsome case that the centre of the town is "the Cross," a handsome case that the centre of the town is "the Cross," a handsome case of the centre of the town is "the Cross," and the centre of the town is "the Cross," and the Cross, "the Cross, and the Cros

existing in the time of Pons; but they have nearly all been since destroyed. The Roman medicinal baths are still, however, used, and the works formed to protect them from the floods of the Minhe may yet be traced. Alonso the Catholic wrested Lugo from the Moora, and re-cetablished its bishopric. (Milleno, Mod. Tres.)

LUND, a city of Sweden, near its 8. extremity, prov. Maimes, 20 m. N.E. Maimes. Pop. 4,120. It is open, and irregularly built, but clean. It is an archibishopric, and has a cathedral, an ancient irregular building, raised at different periods. But it is chiefly remarkable for its university, founded in 1666. This institution has 21 regular and 7 assistant professors, and is attended by about 600 pupils. In 1634 it had 596 pupils, whereof 108 were students of divinity, 130 of any 50 of medicine, and 160 of philosophy, the sciences. Acc. 18 has a library of 20,000 printed vois, and 1,000. ARS and the medicine, and 160 of philosophy, the sciences. Acc. 18 has a library of 20,000 printed vois, and 1,000. ARS and the medicine, and the printed professor of the Law of Nature and Nations in this university in pattern of Nature and Nations in this university in 1670; and here, in 1672, he published his great work De Jerre Nature et Gratiness. "Without," to use the words of a distinguished authority, "the genius of Grottus, and with very inferior learning, he has yet treated this subject with sound sense, with clear method, with extensive and accurate knowledge, and with a coplousness of detail sometimes indeed tedious, but always instructive and accurate knowledge, and with a coplousness of detail sometimes indeed tedious, but always instructive and accurate knowledge, and with a coplousness of detail sometimes indeed tedious, but always instructive and accurate knowledge, and with a coplousness of detail sometimes indeed tedious, but always instructive and satisfactory." (Mackinsosh on the Low of Nature and Sugar refineries, a discount bank, and some foreign trade. The ancient provided to the condition of

LUTTERWORTH.

933

(Hendersow on Wines, p. 177.) According to Jullien, the wines of Lunel, "Sont plus prococes et plus flus que ceus de Frontignen; mais its ont moiss de corps, un gout de frontignen; mais its ont moiss de corps, un gout de fruit moiss proneuce, et ne conservent pas aussi longtemps." (Topographie de Vignobles, p. 200.)

LUNEVILLE, a town of France, dep. Meurthe, cap. arrond., on the Vezouse, and on the road from Paris to Strasbourg, 16 m. S. E. Nancy. Pop. in 1846, ex. con., 12,184. It is generally well built, and has a good square a châteas erected by Leopold, duke of Lorraine, early in the last century, and long the residence of Stanislaus, king of Poland, a handsome par. church, very extensive cavalry barracks, a parade ground of 200 hectares, a large covered riding arens, two hospitals, a synagogue, theatre, and manufactures of woollen cloth, woollen and cotton yarn, gloves, de. Luneville is one of the principal cavalry stations in Frances. The origin of the town to uncertain, but its names essens to indicate that Diana was anciently worthipped here; and several Roman medals, with the impress of that divinity, have been found near a fountain in the neighbourhood. The peace between France and the German Confederation, in 1801, by which the former acquired the territory on the left bank of the Rhine, was concluded in this town. (Hugo, art. Mewrite; Berghaus; Guide dus Voyageur, &c.)

LURGAN, an inland town of Ireland, co. Armagh, prov. Ulster, about 3 m. from the S. border of Lough Neagh, and 18 m. W. S. W. Belfast. Pop., in 1841, 4,677. It is a neat, clean, and well-built town, consisting principally of one wide street. It has a par. church, a R. Cath. chapel, meeting-houses fow Preshyterians and quakers, a court-house, and a bridewell. A manor-court is held every three weeks, and general sessions and petty sessions every Friday. It is a constabulary station; and has 2 schools on the foundation of Eramus Smith, and a subscription school. The linen manufacture, particularly that of distillery.

cial Banks were opened in 1834, and of the Ulster Bank, in 1837.

The town is on the estate and in the immediate vicinity of the recidence of the Browalow family, to the head of which it gives the title of baron.

LUTON, a market town and par. of England, co. Bedford, hund. Flitt, 16 m. W. N. W. Hertford, and 28 m. N. W. London. Area of par., 18,500 acres. Pop. in 1841, 7,184; do. of township, 5,837. The town, pleasantly situated between two hills in the Chiltern chalk range, is irregularly built with three long streets, running from a market place (in which is an old town-hall), in the form of the letter Y. The church is an interesting specimen of Gothic architecture, with a square embattled tower surmounted at the angles by hexagonal pinnacles, and a handsomely decorated W. door: the interior contains, besides some painted windows, a curiously carved font, and some fine old monuments. There are also places of worship for Wesleyan Methodists, Baptists, and the Society of Friends. Three well-attended Sunday schools, a national and Lancastrian school, furnish instruction to the children of he poor; and there is a well endowed hospital for lodging and ciothing 24 aged widows. The inhab, are principally eiggaged in the manufacture of straw hats, and especially of the variety called the Tuscan grass-plait. Lacemaking used also to be carried on to a considerable extent; but this business has been all but extinguished ty the rise of the Nottingham frame-lace trade. Two miles E. of the town is Luton Hoo Park, formerly a seat of the Bute family, erected by Lord Bute, the favourite of George III. Markets on Monday; large cattle fairs,

ley the rise of the Nottingham frame-lace trade. Two miles E. of the town is Luton Hoo Park, formerly a seat of the Bute family, erected by Lord Bute, the favourite of George III. Markets on Monday; large cattle fairs, April 18. and Oct. 18.

LUTTERWORTH, a market-town and par. of England, co. Leicester, hund. Guthlaxton, 12 m. S. Leicester, sand 79 m. N. N. W. London. Area of par., 1,800 acres. Pop., in 1841, 2,531. The town, situated on the Swift, a tributary of the Avon, comprises one main and well built street, with others of inferior size; there are some good houses, but a large proportion of the tenements are mere mud-walled thatched cottages. The church is a large and very handsome structure, in the pointed style, with a high square tower having turrets at the angles: the interior is elegantly fitted up. But it is principally remarkable from having been the scene of the pastoral labours of John Wycliffe, and from its containing his pulpit and portrait. This early and illustrious reformer and embasent divine was appointed rector of Lutterworth in 1374, where he expired 10 years afterwards, on the 31st of December, 1384. Luckily, however, his doctrines did not die with him. In 1415, the Council of Constance vainly endeavoured to gratify their impotent rage against his memory, by ordering his remains to

be disinterred and cast upon a dunghill. This disgraceful sentence was carried into effect: for, the bones of Wycliffe being taken up were burned, and the ashes thrown into the Swift. "Thus," as Fuller has ingeniously expressed it, "this brook (the Swift) has conveyed his ashes into Avon, Avon into Severn, Severn into the narrow seas, they into the main ocean: and thus the askes of Wycliffe are the emblem of his doctrine, which now is dispersed all the world over."

Lutterworth has 3 places of worship for dissenters, 4 Sunday-achools, an endowed free-school, attended by 100 boys, and 3 smaller subscription schools. Its chief manufacture is that of coarse hosiery, but it is not extensive. It has a considerable trade in farm and dairy produce, chiefly carried on at its 7 annual fairs. Markets on Thursday: fairs Thursday after Feb. 19., March 10., April 15., July 23., and Oct. 10.; also on Holy Thursday. LUTZEN, atown of the Prussian states, prov. Saxony, circ. Merseburg, 12 m. S.W. Leppic. This town, the pop. of which is under 1,800, would be unworthy notice were it not that its environs have been the scene of two of the most memorable conflicts of modern times. The first, which occurred on the 16th of November, 1632, took place between the Imperialists, under Wallenstein, and the Swedes. under their herole monarch. Gustavus

place between the Imperialists, under Wallenstein, and the Swedes, under their heroic monarch, Gustavus Adolphus. The latter were victorious; but the victory was dearly purchased by the death of their king, who fell (it has been alleged by treachery) in the action. Besides their king, the Swedes lost about 8,000 men; but the loss of the Imperialists amounted to double that number, and their artillery fell into the hands of the con-

querors.

The other great conflict took place nearly on the same ground on the 2d of May, 1813, between the French, under Napoleon, and the allied army, encouraged by the presence of the emperor Alexander and the king of Prussia. The struggle was most obstinate and bloody; but in the end victory declared in favour of the French. The allies lost 20,000 men, killed and wounded, and that

The allies lost 20,000 men, killed and wounded, and that of the French was also very severe.

LUXEMBURG (GRAND DUCHY and PRO-VINCE OF), a territory of W. Europe, between lat. 49° 25' and 50° 28° N., and long. 5° and 6° 30° E.; having N. the Belgian prov. of Liege, W. that of Namur, E. Rhenish Prusala, and S. France. Greatest length and breadth about 65 m. each. Area, 2,700 sq. m. Pop., in 1849, 372.379. By the treaty of the 19th of April, 1839, this territory was definitively partitioned between Holand and Belgium; the E. portion, with an area of about 1,000 sq. m., and a pop. of 186,500, being assigned to the former, and the W. portion, with an area of 1,700 sq. m., and a pop., also, of about 186,500 to the latter. The title of the Grand Duke of Luxemburg, with the suffrage in the councils of the German Confederation, are enjoyed by the king of the Netherlands.

by the king of the Netherlands.

A chain of hills, branching from the Ardennes, traverses the country from S.W. to N.E. It no where rises to more than 2,000 ft. above the sea; but it forms the dividing line between the basins of the Meuse and the Moselle. The last-named river and the Sur form the E. boundary of the grand duchy; the other principal streams are the Ourte, Our, Alexte, Semoy, &c., tributaries of either the Meuse or the Moselle. The valleys are fertile, but the rest of the country has mostly a stony and barren soil; and in some parts, especially about the centre of Belgian Luxemburg, a good deal of the surface is occupied with marshes, heaths, and poor waste land. The entire surface is estimated at 690,000 bons/ere (a measure nearly answering to hectares), of which about is occupied with marshes, heaths, and poor waste land. The entire surface is estimated at 690,000 bonsiers (a measure nearly answering to hectares), of which about 340,000 are supposed to be in tillage, 211,000 in woods, 127,000 in heaths, wastes, &c., and 112,000 altogether unproductive, or occupied by roads, rivers, &c. it is mostly divided into small properties. Rye, barley, cats, and wheat are the principal corn crops; and potatoes, with fax, hemp, and beet-root, are raised. The agricultural course almost invariably occupies 3 years; the first year, wheat, maslin, or rye is sown; in the second, oats, barley, or potatoes; and in the third, the land is left fallow. The vine is grown on the banks of the Moseile; and the annual produce of wine was estimated, in 1837, at 78,503 hectol. The chief branch of rural industry, is, however, the rearing of cattle for exportation. The sheep yield indifferent wool, but their flesh is excellent. Horses are good. A great many hogs are reared, and in the first half of 1836, 36,700 were exported to France. The meadow-lands, especially in the valleys of the Alzette, Chiers, and Semois, are carefully irrigated and manured. The woods are an important source of wealth, the annual produce of timber madern, at nearly 1,100,000 stercs. Nearly 93,000 hectares of woods belong to communes, there being scarcely a commune without a certain portion of forest land. There are few countries in which Iron is more abundant; and about 9,200,000 kilog. of metal are produced annually: from the want of coal, it has to be smelled with timber.

Since 1837, however, coal has been admitted into Bel.

gian Luxemburg (where this branch of industry is principally conducted), from Rhenish Prussia at the reduced duty of 1 fr. per 1,000 kilog., and the production of iron is probably on the increase. The slate of Luxemburg is of a superior quality. Viel-Salm, in the N. of Belgian Luxemburg, furnishes about 4 millions of alates a year; and in the S., the quarries of Herbenmont and Geripont produce about 10 millions a year, mostly exported to the neighbouring countries. Slate-pencils, marble, and a little lead, sinc, copper, and manganese are the other chief mineral products. Next to forges and potteries, woollen cloth, lace, leather, and glue factories, distilleries, and breweries, are the most numerous manufacturing establishments. The commerce of Luxemburg, however, except in iron, slate, and cattle, is insignificant. The inhabs., partly of Saxon extraction, and partly Walloons, are all R. Catholics. The whole territory is subdivided into 3 districts; those of Luxemburg, Dickirch, and Grevenmacher; each has in it a tribunal of original jurisdiction; and the first, which is identical with the Dutch prov., is placed under a Prussian millitary governor, and a Dutch civil commissary. Belgian Luxemburg is governed in the same way as the other Belgian provs. Dutch Luxemburg has the 11th place in the German Confederation, with 3 votes in the full council, and one in the committee. It has, since 1839, furnished a contingent of 1,850 men. Luxemburg to the confederation; the contingent previously to the division of the duchy having been 2,556 men.

Luxemburg of Germ. Luxemburg has the 11th place of any importance in the above Grand Duchy, and one of the strongest fortresses of Europe; on the Alsette, a tributary of the Sur, 22 m. S. W. Treves, and 77 m. S. S. E. Liege; lat. 490 37 N., long, 65 77 W. P. Pop., in 1948, 12,200. It is built partly on a steep rocky height, and partly in the valley beneath; being, consequently, divided into the upper and lower towns, which communicate by flights of steps, and streets running sig

Prussian troops.

Prussian troops.

The territory of Luxemburg was governed by its own counts from the time of the Carlovingtan Frankish kings to 1354, when the Emperor Charles IV. erected it into a ducky. It was taken by the French in 1794, and subdivided among the deps. of Forets, Ardennes, Sambreet-Meuse, and Outthe; but, in 1814, it was erected into a grand duchy, and given to the king of Holland, in exchange for the renunciation of his claims upon Nassau.

(Vandermeles' Luxemburger, Brephasse, Berghasse, Brephasse, Brephasse

agrain duchy, and given to the king of reformed, in exchange for the renunciation of his claims upon Nassau. (Vandermacter's Luxembourg; Berghaus, gc.)
LUXEUL (an Luxevissus), a town of France, dép. Haute-Saône, cap. cant., on the Breuchin, 15 m. N. E. Vesoul. Pop. in 1836, ex. com., 5,628. It is well built and clean, and has a good town-hall, a large hospital, a communal college, and manufactures of hats, leather, tin and iron goods, &c; but it is chiefly remarkable for its hot or thermal springs, which are usually frequented by from 500 to 600 visiters. The hot baths of Luxevissus were known to the Romans, who are said to have decorated them with fine buildings. (D'Anville, Notice de la Gaule, p. 430.) The traces of several Roman roads, aqueducts, and edifices, with various statues, medals, &c. have been discovered in and round the town. (Hugs, art. Haute-Saône; Dict. Géog.)
LUZON, the largest and most N. of the Philippine Islands, which see.

art. Haute-Stone; Inc. veog.)
LUZON, the largest and most N. of the Philippine
Islanda, which see.
LYME-REGIS, a parl, and mun. bor., market-town,
sea-port, and par. of England, co. Dorset, in Bridport
div. of lib. Loders and Bothenhampton, 204 m. S. S. E.,
Taunton, and 132 m. W. S. W. London. Area or parl.
bor., which comprises the two parishes of Lyme and
Charmouth, 1,380 acres. Pop., in 1841, 3,276. "Lyme
is a small and irregularly built town, situated among
hills, which, by rendering it difficult of access, effectually
preclude it from becoming a place of importance. This
place, as well as Charmouth, is frequented in the summer as a watering place, and many respectable families
are settled in the neighbourhood; but the streets are
very irregular, and not lighted, so that, on the whole, it
has the appearance of a poor and inconsiderable place."
The pier or cobb (originally erected in the reign of
Edward III., and greatly lengthened in 1836, at the
expense of government) is 630 ft. long and 13 ft. broad,
furnishing good shelter for shipping between Start Point
and the lale of Portland; and close to the pier is the

LYMINGTON.

Custom-house. "The regular trade of the place, however, appears to be altogether inconsiderable; and it is chiefly valuable as a port of refuge for small vessels in bad westher." (Part. Boundary Report.) In 1850 there belonged to the port 15 vessels of the burden of 1,160 tons: the customs' revenue in 1846 amounted to 2,182/, indicating a greet diminution since the close of the last century, when they amounted to about 16,000/s a year. This change is ascribed partly to the decay of its once considerable Newfoundland fishery and Mediterranean trade, and partly also to the separation of Bridport, united with Lyme till 1833. An old church, three places of worship for dissenters, a house used for assemblies, and an old town-hall, are the chief public buildings. Two achools for poor children are supported by subscription, and there are almshouses and other charities for the sick and aged.

and there are almahouses and other charities for the sick and aged.

The bor. of Lyme is undoubtedly very ancient, and claims to be one by prescription. Its first charter is dated 12 Edward I.; and its early consequence as a port is shown by the fact, that in the war with France under Edward III. it furnished four ships to serve at the slegs of Calais. The mun. bor. is now governed by a mayor, 3 other aldermen, and 12 councillors, but has no commission of the peace. Corporation revenue, in 1847-48, 1844. The bor. sent 2 mems. to the H. of C. from the reign of Edward I. down to the passing of the Reform Act, which deprived it of one mem.: previously to that act the right of election was vested in the cap. burgesses and freemen. The Boundary Act enlarged its limits, so as to include the entire pars. of Lyme and Charmouth. Reg. electors in 1849-50, 317. Markets on Friday; large cattle fairs, Feb. 13 and Oct. 2.

LYMINGTON, a parl, and mun. bor., sea-port, and market town of England, co. Hants, in the E. division of market town of England, co. Hants, in the E. division of the New Forest, close to the mouth of a river of its own name, which falls into the Solent, 23 m. S. S. W. Win-chester, and 61 m. W. S. W. London. Pop. of parl. bor. (comprising the par. of Lymington and a part of the par-of Boldre), in 1841, 4,926. The town, situated on the W. bank of the river, is well paved and lighted with gas, and consists of one well-built and wide street, crossed by two others of an inferior description. On the E. bank is the village of Undershore, comprising several villae and houses of a superior kind, inhabited by persons of independent fortune; it is connected with the town by and houses of a superior kind, inhabited by persons of independent fortune; it is connected with the town by a bridge, and clearly forms a suburb of Lymington. Among the public buildings are a town-hall, a neat theatre, and a custom-house; the port, though sufficient for ressets of 300 tons, and provided with wharf and storehouses, is subordinate to that of Southampton.

and storehouse, is subordinate to that of Southampton. The church is an irregular building of brick and stone, the living being a curacy dependent on the vicarage of Boldre. There are likewise three places of worship for Wesleyan Rethodists and other disenters. A free school for both sexes, a girls' national school, and an infant school, provide instruction for the children of the poor, and there are several infanor charities.

"The town is considered to be in an improving state, and several large outlays of capital have taken place in the last few years. A company has been formed for the purpose of supplying steam navigation to and from Portsmouth and the lisle of Wight; 3,000% have been subscribed for the formation of gas-works, and the same sum for the erection of baths; dwelling-houses, also, have been and are now being built on an improved scale, the principal object of these improvements being to induce visitors to resort to the town during the summer.

have been and are now being built on an improved scale, the principal object of these improvements being to induce visitors to resort to the town during the summer. Little or no commerce is carried on here; and the only manufacture of the neighbourhood is that of salt, which some years ago was carried on to a very large extent, but latterly has decreased. A large yearly fair is held for the sale of cheese, exported to various places along the Sussex coast." (Mess. Corp. Rep.)

Lymington is a bor. by prescription, its corporate officers since the Municipal Reform Act being a mayor, 3 other aldermen, and 12 councillors; but it has no commission of the peace. Corporation revenues in 1847-48 (chiefy from quay and river dues), 1096.

Lymington has sent 2 mems. to the H. of C. since the 27th of Elizabeth, the right of election being vested, till the Reform Act, in the resident burgesses, of whom there were only 86 in 1831. The Boundary Act enlarged the limits of the bor., so as to include the entire par. of Lymington with a part of the par. of Boldre. Registered electors in 1849-50, 287. Lymington is also a polling place for the S. division of Hampahire. Marhets on Saturday; large fairs for cheese, becon, and cattle, May 12, and Oct. 2.

LYNCHBURG, a town of the U. States, cap. Camphell co. in Vissaire an Innex Discussion of the contract of the part of the p May 12. and Oct. 2. LYNCHBURG, a town of the U. States, cap. Cam

LYNCHBURG, a town of the U. States, cap. Cambbell co., in Virginia, on James River, here crossed by two bridges, about 20 m. below its great falls, and 90 m. W. 8. W. Richmond; lat. 279 20° N., long, 790 22° W. Pop., in 1840, 6,296. It is mostly on the decilvity of a hill, and has a court-house, a gool, a market-house, several churches, a Friends' meeting-house, a Lancasseveral churches, a Friends' meeting-house, a Lancasseveral churches, a

LYNN-REGIS.

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trian school, &c. A large proportion of the houses are of brick, and of 2, 3, and 4 stories. Lynchburg is one of the most flourishing commercial towns in the state, as, from its situation, it commands an extensive trade not only with the W. part of Virginia, but with N. Carolina, Tennessee, Kentucky, and Ohio. It is one of the largest marts for tobacco in the Union, from 10,000 to 16,000 hids, having been inspected in it annually for the last 10 years. (Bradford, 1837.) It has many tobacco factories, and warehouses for dry goods; and manufactures of cotton and woollen goods are carried on, and there are extensive four-mills in its vicinity. The chief articles brought to its markets are tobacco, wheat, flour, hemp, butter, peach and apple spirits, whisky, cider, beef, live hogs, lead, iron, &c., a considerable proportion of which sent down the river to Richmond for further exportation. (Except. Americana; Darenmort's Gazettere, &c.)

LYNN-REGIS or KING'S LYNN, a parl, and mum. bor., see, poor and market town of England, co. Norfolk,

logg, lead, iron, &c., a considerable proportion of which is sent down the river to Richmond for further exportation. (Exp. Americana; Dacemon's Gateticer, &c.)

LYNN-REGIS or KING'S LYNN, a parl and munbor, sea-port and market town of England, co. Norfolk, locally situated in hund. Freebridge-Lynn, at the mouth and on the E. bank of the Ouse, 38 m. W. by Norwich, and 90 m. N. by E. London. Lat. 190 48 N., long. 38 M. E. Area of parl. bor. 260 acres. Pop., in 184, 18,751. The town, about 1 m. in length, by ½ m. in preadth, comprising two principal, with other smaller streets, "is, generally peaking, well built, and contains many excellent house, and extensive premises calculated for trade. It is well paved, lighted with gas, supplied with good water, and extensive premises calculated for trade. It is well paved, lighted with gas, supplied with good water, and ever clean. The public walks, also, in the E. part of the town deserve notice, for their extent, and the neatness with which they are kept." (Mess. Bossad. Rep.) Lynn was formerly escompassed on the land-side by a wall and deep wet ditch, defended by 9 bastions: these fortileations yet remain, but the wall and bastions are much dilapidated; it lasto divided into several parts by 4 small streams here called fects (from the Dutch wifet) over which are libridges. The market-place, called by way of distinction the Tuseday's market-place, is an area of 3 acres, situated at the N. end of the town, having a sculptured stone cross in its centre, and surrounded by good houses. A smaller market is held on Saturday in an open space near St. Margaret's church, and outside the town is fattle-market. The custom-house, built in 1683, and intended for a merchant's exchange, is a handsome building of stone and fint, with suitable apartments for the transacting of municipal business, &c.; and near it is the borough gaol, a respectable stone structure, which "sems to be on the whole well regulated, and handsome building of stone and fint, with suitable apartments for the tra

poor.

"Lynn contains an iron-foundry and 4 building-yards for ships from 400 tons downwards; but there are no other manufactories. A considerable and increasing trade is carried on, coast-wise, in exporting corn, with other natural products of the fens; and importing principally coal: there is also a direct trade with Cangda and the Baktic in timber; as well as with Portugal in wine, fruit, &c.; but this is of much less extent and importance than the coasting-trade." There belonged to the port, in 1880, 170 ships, of the aggregate burden of 20,021 tons; besides which, upwards of 2,000 coasters R. 4

LYONS.

chiefly colliers, come thither, each year, from other ports. Gross customs' revenue, in 1846, 49,613t. The harbour is capacious; but the approach to it is rendered both difficult and hazardous by numerous and perpeboth difficult and hazardous by numerous and perpe-tually shifting sand-banks, occasioned by the action of the tide on the light silt and sand forming the bed of the river. The setuary of the Ouse is nearly 1,000 ft., broad, and there is accommodation in the port for about 800 merchant-ships. Spring-tides rise about 18 ft., and during the prevalence of N. and N. S. winds, are thrown in with such violence and rapidity as sometimes to damage the shipping. "The barbour has also been injured since the competion of the Earlyship cut in with such violence and rapidity as sometime and same the shipping. "The harbour has also been injured since the completion of the Eau-brink cut, which has caused a great accumulation of altivate along the King's stath and other quays lining the E. bank of the river; but this evil is now somewhat lessened by the erection of jettles on the opposite shore, which direct the course of the river more to the E. bank, "The same whereaf these denoists are scoured away."

ened by the erection of jetties on the opposite shors, which direct the course of the river more to the E. bank, by means whereof these deposits are scoured away." (Msss. Bound. Rep.)

King's Lynn, (called Bishop's Lynn before Henry Vili. conferred on it its present name.) received its first charter from King John, in return for valuable services done him by its inhabitants during the baronial wars. Its corporate privileges were confirmed and enlarged by several monarchs, and lastly by Charles II. The bor. is now divided into 3 wards, the municipal officers being a mayor and 8 other aldermen, with 18 councillors. Quarter and petty sessions are held under a recorder; and it is the seat of a county-court, before which 937 plaints were entered in 1848. Corp. rev., in 1847-48, 9,7371. Lynn has sent 2 mems. to the H. of C. since the 6th of Edward II., the right of election down to the Reform Act being vested in freemen by birth, servitude, gift, or purchase. Registered electors, in 1849-50, 1,100. Lynn is also a polling-place for the W. division of Norfolk. Markets, principally on Tuesday, but also on Saturday. Large fairs for London goods, Feb. 14. and five succeeding days, also for chesse a week after old Michaelmas, lasting two days.

LYONS (Fr. Lyon; an Lugdusnum), a large city of France, being the principal manufacturing town of that kingdom, in the dep. of the Rhoue, of which it is the cap., 375 m. E.N.E. Bordeaux, 172 m. N.N.W. Marseilles, 365 m. S.E. Paris, and 70 m. W.S.W. Geneva; lat. 450 45' 59'' N., long. 4° 49' 24'' E. Pop. of the city proper, in 1846, 189,783; but, including its suburbs, the pop. is above 4 ween those two rivers, the length of which is nearly 3

N., long. 4° 49° 48' E. Pop. of the city proper, in 1846, 189,783; but, including its suburbs, the pop. is above 900,000. It is altituated at the junction of the Rhone and the Saône, chiefly on a tongue of land or peninsula between those two rivers, the length of which is nearly 3 m. and its average breadth about 3 furlongs, though in the N. part of the city increasing to upwards of 1 m. Some extensive and important quarters, as St. Just, St. George, St. Irénée, Valse, &c., are, however, situated on the W. or right bank of the Saône, on and round the hill of Fourvières; and in the E., on the left bank of the Rhone, are the Fashoury Gesillotieire and the Quartier des Brotteaux. S. of the city, the handsome and regular suburb of Perache is rapidly extending towards the extremity of the peninsula; while on the N., beyond the fortifications, on the declivity of a hill extending from one river to the other, is the municipal commune of La Croix Rousse, comprising the suburbs of Serin and St. Clair. A tower on the hill of Fourvières, 680 ft. above the Saône, commands a landscape which combines the rich and the grand in the highest degree. At the spectator's feet is Lyons, with its two noble rivers; its bridges, aquares, quays, and public edifices, the vessels that crowd the Saône, and the busy activity that pervades its streets, announcing a highly civilised, prosperous, and opulent community. "Unlike Paris and many other French towns, which standisolated, as it were, in the country, with ploughed land and meadows coming close up to the barriers, Lyons appears as the nucleus of a vast population, melting gradually by its suburbs into clusters of villages, which break up into smaller villages, hamlets, villas, and manufactories. Even at the distance of 10 m., the country-houses, villages, and manufactories and mountainous land on the W. side of the city is scarcely an exception; for sterile as it seems, it is enlivened by country-houses, villages, and manufactories. Beyond the hills which bound the plain on the N.E., i

Brotteaux, which, like it, are chiefy inhabited by the working classes. But the wretched aspect of some parts of the city is in some degree countervalled by the magnificence of others. Three ranges of quays, two on the Saone and one on the Rhone, interspersed with 17 bridges, nearly all of moderu construction, with the glacis and hill of Fourvières, encompass all that is simulated between the two rivers, and form a noble and imposing outline. The Saone, which is far more useful to Lyons in a commercial point of view than the Rhone, is lined with numerous wharfs and landing-places; and along the Rhone from the Fanbourg St. Clair to Port Perache, a distance of a league, is a line of clegant public and private edifices, and a public walk, planted with a double row of trees, ommanding a fine prospect over the fertile plain to the E. The waters of the Rhone are rapid, cold, and clear, and it forms in every respect a remarkable contrast to the Saone, which has a sluggish current, and a muddy stream. The Rhone is very liable to sudden inundations, to prevent the devastating effects of which some extensive embankments have been raised on its left bank. Still the river, when swollen, frequently does much damage, as was fully evinced in the autumn of 1840, when the inundations carried away some of the bridges, laid a considerable portion of Lyons, and of the surrounding country, under water, and occasioned great damage. There were previously 10 bridges within the city, 3 of which crossed the Rhone. These were the Pont de la Gwillotière, originally built in 1190, 529 yards in length, the piers of stone, and the upper part of wood. The bridges over the Saone wary in length from 120 to 140 yards; the principal is the Pont de Tiest, but of these only 8 are over the water; the Pont Morand, constructed of wood in 1774, 2824 yards long by 15 wide, erected at a cost of 2,000,000 fr., or 120,000t. sterling. (Hugo.) Lyons has 5 places or squares, some large and regular, but, as may readily be inferred from their number, the great Brotteaux, which, like it, are chiefly inhabited by the working classes. But the wretched aspect of some parts of the city is in some degree countervalled by the magnificence of others. Three ranges of quays, two on the

is a clock tower, surmounted by a cupola, which rises to the height of 157 ft. above ground. The depth of the building is 363 yards, at the end of which another handsome the height of 187 ft. above ground. The depth of the building is 383 yards, at the end of which another handsome front faces the Place de Comédie. Its interior contains a vestibule, in which are two colossal bronze groups emblematical of the Rhone and Saône; a fine staircase, and a saloon, 87 ft. long by 40 wide, which formerly contained many fine paintings, destroyed during the Revolution. Of the 18 churches, none is very remarkable either for size or elegance. The cathedral of St. John, on the right bank of the Saône, was begun in the 7th century, but not completed till the reign of Louis XI. It is a Gothic edifice, having at its four corners, 4 heavy square towers, in one of which is a bell, weighing 38,000 French ibs. The W. entrance is very much ornamented; in this church is a remarkable clock, constructed at the not of the 16th century by a native of Basle, which formerly indicated besides the year, month, day, hour, minute, and second, the sun's place, the phase of the moon, and the saints' day, as they occurred. This curious piece of mechanism has been suffered to fall into decay. The church of Ainay, erected on the site of an ancient temple dedicated to the emperor Augustus, has 4 granite cuLYONS. 207

lumns and a bes-relief, originally forming parts of that edifice. Several of the churches date from the time of Charlemagne. Here is also a Protestant church and a

canner. Several of the churches date from the time or charlemagne. Here is also a Protestant church and a synagogue.

The hospitals are the largest public buildings in Lyons. The Hôtel-Dieu, the most ancient and finest establishment of its kind in France, was founded by Childebert and his queen at the beginning of the 6th century: the present edifice consists of a continuous range of building, extending along the Rhone. It has a noble front, a fine entrance, and two domes, which, as well as the distribution and arrangements of its interior, are generally admired. This establishment receives annually 12,000 in-patients, besides affording medical aid to many persons without its walls. The Hospice de la Charlit, also on the banks of the Rhone, apparently occupies little less space than the former, and is an asylum for 400 infirm persons of both sexes, besides many orphans, foundlings, and women excense. The Hospice de l'Antiquestilles, for syphilitic and insane patients, stands on the hill of Fourvières, on the site of the Roman place in which the emperors Clusdius and Caracalla were born. The Hospice de la Providence has established numerous schools of instruction with the view of checking mendicity, &c.

Clandius and Caracalla were born. The Hospice de la Providence has established numerous schools of instruction with the view of checking mendicity, &c.

The prefecture occupies a spacious building, formerly a Dominican convent; its interior is well adapted to its present purpose, and attached to it are some fine gardens. The hall of justice, and the archibishop's palace, present little deserving of notice. The Palasis des Arts, formerly the Benedictine convent of St. Pierre, consists of 4 large piles of building, enclosing a square court different portions of this edifice are devoted to the exchange, and chambers of commerce, the museums of painting, antiquities, and natural history, a cabinet of medals, gallery of casts from the antique, depot of machinery for the silk manufacture, the academy, schools of drawing and natural history, society of agriculture, &c. The collection of paintings comprises some works of great excellence; and that of antiquities is rich in Roman and middle age specimens of art found in and about Lyons, mosaics, and Egyptian antiquities. The public library, and library of Adamsiy (so called from having been presented by a citisen of that name), are exposited in the royal college, and together comprise 100,000 vols. (Hago), among which are some valuable oriental works, and old MSS. The prefecture, mint, grand theatre (an elegant structure), theatre des Célesonies, court of justice, archibishop's palace, new prison, condition et al., and a favourite place of public resort. About 15 m. above Lyons is the beautiful lie Barbe in the fatone, commerce and Commerce.—Lyons is in France Managactures and Commerce.—Lyons is in France

the city, and is a favourite place of public resort. About if m. above Lyons is the beautiful ite Barbe in the Saöne, connected with its left bank by a handsome new suspension bridge.

Massafactures and Commerce.—Lyons is in France what Manchester is in England. And notwithstanding the active competition of Zurich, Basie, Crefeld, and other places on the Continent, and of Coventry, &c., in England, she still maintains her rank as the first silt manufacturing city of Europe. Her position is peculiarly favourable: she is situated at the point of junction of two large navigable rivers, and has a ready communication with the Mediterranean, on the one hand, at the same time that she is the enterpde of a vast extent of inland country. The districts of France which produce the largest quantities of silk, are immediately adjacent, while Lyons is the natural depth and place of transit for the silk of italy, in its way to the great manufacturing countries, the principal seat: the pop. have been thoroughly trained and habituated to it; so that, though frequently disturbed by political events, and once or twice nearly annihilated, it has never failed, on tranquillity being restored, to return to its former locality. The silks manufactured here, are distinguished by the equality and perfection of the fabric; the brilliancy, though perhaps not the durability, of their dyes; and by the unrivalled superiority of their patterns, and the taste displayed in the designs. This superiority has been ascribed, with what justice we shall not stop to inquire, to the School of Arts (Institution de lis Martinitric), and the liberal encouragement of this branch of science by the city authorities, and the government. About 180 students are gratuitously instructed in the various branches of drawing and modelling, and there is a professor, who teaches the "mise en carte," that is, the adaptation of designs to the loom. The trade of Lyons, like that of all manufacturing towns, is subject to frequent crises, and periods of distress: a very seri of Switzerland, &c. there never, perhaps, were so many looms at work as at present, nor was the manufacture

over more sourishing. The gross produce of the Lyonnese looms, in 1838, was estimated at 135 millions of
franca, being considerably more than half the estimated
value of all the silk goods manufactured in France.
(See Franca, Vol. 1. p. 897.)
According to M. Villermé, there were, in 1833, in
Lyons and its neighbourhood, 40,000 silk looms; 17,000
in the city-proper, 9,000 in the suburbs of la Croix Rousse,
a Guillottière, and Valse, 5,080 in the neighbouring parts
of the dep. Rhoue, and 8,920 in the adjacent parts of
Loire, Sadone-et-Loire, Ain, laève, and Drôme. Dr.
Bowring was furnished with an estimate in 1834, which
made the number of looms in the city 16,000, of which
4,000 were for figured stuffs; in the suburbs 9,000, half
for figured silks; and in the country, for 12 or 15 leagues
round, 7,000, almost wholly for plain silks: making in
all 82,000 looms. According to an official estimate in
1835, the master weavers (ch 3t d'attelier or maitrecouriers) in Lyone and its suburbs amounted to about
\$6,000; and the journeymen, or compagnose, to 30,000:
in all, 38,000 weavers: but the compagnose include the
wives and children of many of the master weavers. The
number of individuals employed in accessory occupations,
that is, in the culture of silk, the manufacture of looms,
&c., cannot be ascertained; but it has been estimated by
M. Villermé and M. Girod de 11 Mn at few 12 for 12 for 15 form 27,000 to Ac., cannot be ascertained; but it has been estimated by M. Villermé and M. Girod de l'Ain at from 37,000 to 30,000. Hugo says that, altogether, 80,000 persons in or about Lyons are supported, directly or indirectly, by the silk manufacture.

about Lyons are supported, directly or indirectly, by the silk manufacture.

Silk weaving at Lyons is not conducted in large buildings or factories belonging to the silk merchants (febricoss); to the the silk merchants (febricoss); to the the silk merchants (febricoss); to the silk measter weavers, each of whom has usually from 2 to 6 or 8 looms, which, with the greater portion of their fittings, are his own property. Himself and his family keep as many of these looms at work as they can, and employ compagnous for the remainder. The latter are not settled in Lyons; but visit it, and stay a longer or shorter time according to the demand for their labour. Apprentices and Lescense make up the remainder of the working classes. The former are usually apprenticed from the ages of 15 to 18; the latter are children from 9 to 14, who prepare bobbins, and weave fabrics demanding less nicety than others. About 3-7ths of the looms are wrought by master weavers, nearly an equal number by compagnous, and the remaining 7th by apprentices and children. The fabricoss, or silk merchants, of whom there are between 500 and 600 in Lyons, supply the patterns and silk to the owners of looms, to

number by compagneous, and the remaining 7th by apprentices and children. The fabricsms, or silk merchants, of whom there are between 500 and 600 in Lyons, supply the patterns and silk to the owners of looms, to whom is entrusted the task of producing the web in a finished state. Half the wages paid by the silk merchants go to the owner of the loom, and half to the labouring weaver. A master weaver may gain by his own labour from 2 to \$\frac{1}{2}\$ ft. a day; and he who has 3 looms is supposed to receive from the two at which he does not himself work, about \$90 ft., or \$86. a year. His rental may be about 150 ft.; the cost of lodging his two journeymen 80 fr.; and there remains besides his own labour a surplus of \$70 ft. Those weavers are, of course, the most prosperous, who having \$2 or \$4 looms, employ their children to weave on them, and thus receive the whole wages paid by the manufacturer. \$2 looms will clear to a family from 1,500 to 1,600 ft. (60 to 64.) a year.

Wages have risen considerably of late years. In 1838, the price per ell paid for common plain velvets was \$\frac{1}{2}\$ ft., for grow de Naplez \$60 to 90 c., and for common figured rilks from 1 to 1\frac{1}{2}\$ ft. A master weaver who made \$2\$ ft. a day in 1834, could make at least \$\frac{1}{2}\$ ft. in 1839; and the journeymen need never earn less than 1ft. 75c., and may frequently get \$2 ft. The hours of work usually vary from 12 to 16 hours; but when the demands brisk, they reach to 16, 18, and even 20. The weaving pop. is ill lodged, the master weavers generally having but two rooms at most, and these kept in a disgracefully filthy state. But they live very well; that is, they have abundance of nourishing food, much more than the pop. of other manufacturing towns in France. Most of the journeymen are boarded by their employers at from \$10 50 c. a day; and have about \$1\frac{1}{2}\$ b. of good bread, \$\frac{1}{2}\$ ill lodged, the master weavers speaking geomeally, are very ignorant; some years since not 1-4th part of the children in Lyons could

² This is an establishment where, by the agency of heat, t wrought sift is reduced to an equable weight and drynes 1831, the weight of silk, submitted to the condition, amount 565,368 kilogrammes.

[†] There is one exception: on the bank of the Saône, opposite the tte Barte, is a factory called the Sarragers, employing from 400 to 500 hands, who may sleep in the building on payment of 50 sous a month, and board there also at a low rate.

to drink their wine, by illiards, &c., on Sundays and Mondays; but they are not addicted to intoxication or rioting, and it is affirmed, and we believe truly, that they are at present improving in morals, manners, and cleanlines; and certainly they have much room for amendment. Notwithstanding their good wages and liberal supplies of food, the best French authorities admit that the Lyonnese weavers are physically an inferior and degraded race, remarkably subject to scroulous and scorbutic complaints, spinal diseases, and rheumatism; and according to M. Charles Dupin, half the young men in Lyons liable to military service are exempted on account of weakness, deformity, or deficiency of height, though the standard for recruits or conscripts in the French is considerably below what it is in the English army. (See Vol. I. 864.)

Happily, however, the upper and middle classes of Lyons, the latter comprising most part of the shopkeepers, and many of the master weavers, are eminently comfortable, rich, and thriving. Mr. Maclaren states that there are three times more villas round Lyons than round Paris;

Happily, however, the upper and middle classes of Lyons, the latter comprising most part of the shopkeepers, and many of the master weavers, are eminently comfortable, rich, and thriving. Mr. Maclaren states that there are three times more villas round Lyons than round Paris; and the number of private and public works erected in and near the city during the last 20 years sufficiently evince the rapid increase of wealth and enterprise. The want of coal is the greatest obstacle to the improvement of the manufactures of the city, and to the extension of its industry. But despite this disadvantage, Mr. Maclaren states that the district of which Lyons is the centre is "advancing with great strides." (P. 36.)

Lyons has numerous dyeing establishments and printing offices, and manufactories of jewellery, liqueurs, &c.; but all these are insignificant compared with its chief branch of industry. It is the seat of a royal court, of tribunals of primary jurisdiction and commerce, a chamber of commerce, one of the five royal libraries of the kingdom, a university, academy, royal college, and academy of sciences, &c.; and has schools of theology, medicine, veterinary medicine, and rural economy; a royal society of agriculture, &c.; societies of medicine, jurisprudence and literature, a Protestant Bible society, dear and dumb asylum, a monat-de-pitch, savings' bank, maternity, and many other charitable institutions.

The early history of Lyons is involved in much obscurity. But it appears certain, from the statement of Dion Cassius, that Munatius Plancus, about smoot of the Roman world. The old city was principally built on the hill of Fourvières, which, in fact, is merely a corruption of its ancient name of Forum Vefsus. (D'Assille, Notice de la Gaule, p. 432.) Among the Roman antiquities which still exist at Lyons, are the remains of 4 squeducts, several cisterns, a theatre, traces of a palace, and a naumachla, recently discovered within the limits of the Roman world. The old city was principally built on the bill of the n

M.

MAAD (Hung. Mada), a town of Hungary, co. Zemoliu, in the Hegyaliya mountains, about 6 m. N.W. Tokay. Pop. \$640, partly I. tutherans and partly R. Catha. It is one of the places at which the Tokay wine is grown in the greatest perfection, and near it is the imperial vineyard of Theresienberg.

MAASSLUIS, or MAASLANDSLUIS, a town of S. Holland, on a branch of the Maas, 9 m. W. by N. Rocterdam. Pop. 4,500. It has manufactures of salicioth, cordage, leather, &c., and some building docks; and its inhab. take an active share in the herring and cod fisheries.

fisheries.

MACAO, a sea-port town and settlement of the Portuguese in China, prov. Quang-tong, on a peninsula pro-

iecting from the S.W. corner of the island Macao, on the W. side of the extuary formed at the mouth of the Tigre or Cauton river, & m. S. by W. Canton; lat. 22° 11' 20° N., long, 113° 32' 20° E. The pop, is stated in the "Chinese Repository" to amount to upwards of 20,000; but we incline to think that 20,000 is nearer the mark, of whom about 15,000 are Chinese, and the rest chiefly Portuguese and slaves imported from Timor, &c.

The peninsula on which Macao stands is less than 2½ m. in its greatest length from N.E. to S.W., and not 1 m. in its greatest length from N.E. to S.W., and not 1 m. in its greatest breadth. It is connected with the rest of the island by a long, low, and sandy nock, in one part 400 yards broad, but generally less. Across this isthmus a wall is erected, having in its middle a gate and a guardhouse, called *Cass breaces*, for Chinese soldiers; by means of which barrier, all communication between the peninsula and the rest of the island is cut off at the pleasure of the Chinese authorities. The Portuguese inhab. of Macao are rarely permitted to pass beyond this wall. The town has a very imposing appearance from the sea. It is built chiefly on the declivities of two hills, meeting each other at a right angle, in front of a small semicircular bay forming the harbour. A handsome row of houses faces this bay, with a parade in front embanked with stone to resist the encroachments of the sea, and interrupted once or twice by granite quays with steps leading down to the water. Behind this terrace the houses are arranged in a confused manner, and the gable ends of European residences and the steeples of the churches appear curiously intermixed with Chinese houses and temples. Macao has 12 churches, one of which, that of St. Joseph, is collegiate. There are few other edifices of any note. A spacious sensite-house, in the heart of the town, and along the inner harbour: some of them have well furnished shops, and they principally supply Europeans with provisions. Besides the college of St. Joseph, the

dens and rice-grounds.

The harbour is on the W. side of the town, between it and Priests' Island, a small circular island, which formerly belonged to the Jesuits; but it has not depth enough to admit large ships, which accordingly anchor in the roads on the other side of the peninsula, from 5 to 10 m. B. of the town. All foreign ressels coming into the roads send their boats to the custom-house and pay a duty for all goods landed, however trifling. When a ship arrives among the islands, she is generally boarded by a pilot, who reports to the Chinese custom-house officer the nature of her caren, and obtains a chor or premit allownature of her cargo, and obtains a chop or permit allow-ing her to enter the Bogue or Bocca Tigris, with the un-derstanding that she has nothing on board that is contra-band. All temples must however be landed at Margaing her to enter the Bogue or Bocca Tigria, with the understanding that she has nothing on board that is contraband. All females must, however, be landed at Macco, as the ship will not be allowed to proceed to Whampos with them on board. The Chinese regulations do not allow any vessels, except such as belong to Portuguese or Spaniarda, to trade at Macco. But the Portuguese or shalb, lend their names for a triffing consideration to such foreigners as wish to be associated with them for the purpose of trading from the port; and vessels of other nations seldom experience any difficulty in obtaining the connivance of the Chinese officers to the landing or receiving of goods in the roads by means of Portuguese boats. Vessels of other nations, if in distress, and not engaged in the contraband trade, are admitted into the harbour for repair, on application to the senate. The latter is composed of the bishop, the chief justice, the military commandant, and several of the chief Portuguese inhisb.; but a Chinese mandarin has substantially the supreme authority in the town. Except during the period of the year when the merchants of Canton are obliged to leave that city and repair to Macco, the latter is said to be dull and uninteresting. At that season, however, the carnival is celebrated with more than its usual sumptuousness in Catholic countries; and balls, macquerades, and concerts follow each other in rapid succession. Macco was given to the Portuguese by the Chinese emperor in 1986, in return for assistance afforded by them against pirates that had infested the

Coast. (Hamilton's E. I. Gas.; Commercial Information.)

MACASSAR. See Chieffs.
MACCLESFIELD, a large manufacturing town, parl, and mun. bor. of England, co. Chester, locally situated in Prestbury dir., of the hund, of its own name, on the Bollin, 16 m. S. by E. Manchester, and 143 m. N. N. W. London. Pop. of parl. bor., which includes, with the old bor., parts of the townships of Hurdsfield and Sutton. 32,523 in 1941; and at present, 1850, the pop. is estimated at 40,000. The town, which is pleasantly situated on a slope near the borders of Macelesfield forest, has greatly increased in size during the last 30 years, and is now about 1½ m. long by 1 m. in breadth, consisting of one principal thoroughlare on the London road, crossed by two others leading to numerous subordinate streets. The buildings, in the more conspicuous and of the town, are of superior construction: years, and is now shout I m. long by I m. in breadth, consisting of one principal thoroughfare on the London road, crossed by two others leading to numerous subordinate streets. The buildings, in the more conspicuous parts of the town, are of superior construction: the streets also are well lighted, and the inhab. have plentiful supplies of good water, conveyed from springs in the adjacent hills. An open market-place, with excellent shambles, and a covered corn-market, stand near the centre of the town; and the newly erected town hall is a commodious and handsome building, tastefully decorated, and containing, besides courts of justice, offices, &c., a large assembly and concert room. The old church is a large structure, partly Go-chic, with a handsome tower, formerly surmounted by a lofty steeple: it was originally erected by Edward I., in 1378, but has, at different times, been almost rebuilt, so that few parts of it can lay claim to any great antiquity. It affords accommodation for about 1,700 persons, and has an adjoining chapel containing several interesting monuments: the living is a perpetual curacy, till very lately in the gift of the corporation, but now in private patronage. Christ-church was erected, in 1778, at the private expense of Charles Roe, Esq., who endowed it with 100% a year: it is a regular building, with a neat tower, having, in the interior, an elegant marble monument of the founder, by Bacon. Trinity church, in Hurdifield, a very recent erection, is beautifully situated on an eminence, and may accommodate about 900 persons. S. George's in Sutton (built in 1829) has accommodation for 1,500, and in the S. suburbs of the town, is a fifth church, remarkable for its neat construction, and light spire. There are also several places of worthing control in classics, elementary mathematics, history, geography, &c., the average number of scholars being a house and school-field, free of rent and taxes), give instruction in classics, elementary mathematics, history, geography, &c., the average numb

vident society.

"The silk manufacture of Macclesfield affords employment to the largest part of the pop.; a few, however, are employed in the cotton factories that have been lately established. This place participated deeply in the general distress occasioned by over-trading in 1828, and for several years subsequent to that period the silk trade was in a most depressed state. The effects of that shock, however, seem at length to have subsided, and business less resumed a healthy aspect." (Mass. Bound. Rep.) The trade has greatly increased since the date of this report, but is subject, more than other branches, to sudden shocks, productive of great distress to the working classes. There were at work in the par. of Prestbury in 1839, 16 cotton mills and 48 silk-mills, employing 10,863 hands. The wages of the work-people employed in these mills varied, in 1841, from 2s. 6d. to 18s. a week. About 4,500 hand-looms are engaged in weaving silk fabrics, chiefly silk handkerchiefs and scarfs of every description, sarcemets, Persians, silk-ferret, and galloon, with a few gros-de-Naples, giving employment altogether to about 9,000 persons, whose wages amount to from 6s. to 18s. a week; but there are a few industrious and expert weavers, who earn weekly as much as 25s, when in full work. The cotton manufacture, which was

MACHYNLLETH.

introduced only a few years ago, is in a thriving condition, employing a pop. of about 3,500 in factorice only; and hat-making is carried on to some extent. Numerous mechanics, makers of machinery, &c., depend indirectly on the staple trade of the town. The Bollin turns several mills, and the neighbourhood furnishes abundant supplies of excellent coal. Stone and slate also are quarried near the town, and form a considerable object of trade with the surrounding districts. The transit of heavy goods is facilitated by the Maccles-field canal, which connects it N. and S. with the great canal lines of England. There are two private banking establishments, with a savings' bank. A newspaper is published weekly, and there is a good newsproom.

room,
Macclesseld, which was incorporated by a charter of
Prince Edward, son of Henry 111., and subsequently by
various sovereigns of England, has been divided by the
Mun. Reform Act into 6 wards, and is now governed by
a mayor and 11 other aldermen, with 36 councillors.
Corp. revenues in 1849, 3,850f. It enjoys also a commission of the peace, with petty sessions, under a recorder.
This important manufacturing town had no voice in the
legislature, till the Reform Act conferred on it the privilege of sending 2 mems. to the H. of C. Registered
electors in 1849-50, 1,066. Macclesfield is also one of the
polling places for the N.E. division of Cheshire. Markets
on Tuesday and Saturday: cattle, wool, and cloth fairs, on Tuesday and Saturday: cattle, wool, and cloth fairs, May 6., June 22., July 11., Oct. 6., and Nov. 11. (Parl.

on Tuesday and Saturday: cattle, wool, and cloth fairs, May 6., June 23., July II., Oct. 6., and Nov. 11. (Pari. Reports, \$6.)

MACERATA, a city of Central Italy, Papal States, cap. deleg. of same name, on a hill between Chieti and Potenza, 21 m. 8. by W. Ancona, and 170 m. N.E. Rome. Pop., in 1832, 15,600. It is well built, surrounded with walls, and entered by 6 gates. In the centre of the town is an irregular open space ornamented with several good buildings, including the cathedral, the palace of the delegate, and the theatre. Including the cathedral, there are 7 churches, in one of which are some good paintings, 13 convents, several literary associations, and a secondary university for theology, philosophy, and medicine, founded by pope Leo XII. in 1894. This city presents nothing antique, and its most interesting feature is the fine view it commands of the Adriatic, and occasionally of the mountains of Dalmatia.

"Macerata," says Forsyth, "contains a number of paints; and therefore a swarm of provincial nobility. The peasants observe an established uniform in dress, of which orange appears the prevailing colour. So constant are the women of this class to local costume, that the female head becomes a kind of geographical index. At Macerata they adhere to the ancient mode of platting and colling the hair, which they transfix with long silver wire tipt at both ends with large knobs, evidently the astique acus crimalis —

"Figus acus tortas restinant comman."

artique acus crinalis

"Figst sees toties sestinestque comes."

Macerata is a bishop's see, and the seet of a court of appeal for the delegs. Macerata, Camerino, Ancons, Ascoll, Fermo, and Urbino. Its manufactures and commerce are insignificant. Under the French, Macerata was the cap. of the dep. Musone. About 2 m. to the N. on the Potenza, are the remains of a theatre of considerable size, with vaults and foundations of other edifices, supposed to indicate the site of Heivia Richag, colonised by Septimius Severus, and destroyed by the Gotha. (Porsysti's Islaly, p. 320; Rasspold.)

MACHYNLLETH, a market town and parl. bor. of N. Wales, co. Montgomery, near the Dyf, 30 m. W. Montgomery, and 175 m. W. N.W. London. Area of parl. bor. about 500 acres. Pop. of the town in 1831, 828. Machynlieth is an ancient, well-built town, superior to most in N. Wales for cleamness and respectability, the streets being remarkably broad and regular. The town-hall, a plain building, was erected by the Wynn family, in whom the manor is vested: the co. sessions are held alternately here and at Montgomery, and the magistratus sit here occasionally in petty sessions for the hundred. The church, a handsome structure, was rebuilt in 1827; the interior is conveniently fitted up, and the W. toweris embattled, and surmounted with crocketted pinnacles. There are places of worship for independents, Calvinists, and Wesleyan Methodists, with attached Sunday schools, and a well-endowed national school furnishes instruction to poor children of both sexes. There is also a savings bank. "The finner for all to Newtown. Weavers' wages (when on full work) vary from 7z. to 9z. a week, and with respect to their moral condition, it is remarked as being much higher than that of operatives in general, in other districts, but yet neither better nor worse than that of the labouring classes generally within the par. The furch system is partially practiced in this vicinity, being fostered by the improvidence of the weavers, few of whom make any provision for e

2s. for 40 quarts, mutton 5d. per lb., bacon 9d., butter lld., and oatmeal 2d. per lb. This town formerly possessed an excellent shipping trade, and was, in fact, the port of Montgomery; but since the canal was brought to Newtown, and facilities were opened direct between Wales and the commercial districts of England, the car-

Wales and the commercial districts of England, the carrying trade is in barges, and few ships now come to Machynlleth." (Hand-loom Weavers' Report, part 5.) This bor, unites with Montgomery and others in sending 1 mem. to the H. of C. Registered electors in 1839-40, 78: ditto in the entire district, 1,021. Machynlleth is celebrated in the history of the principality as the place in which Owen Glendwr, in 1402, convoked a parliament, where he was inaugurated Prince of Wales.

MACON (an. Matisco), a town of France, dép. Saône-t-Loire, of which it is the cap.; on the Saône, here crossed by a bridge of 13 arches, 28 m. N. Lyons; lat. 490 187 27" N., long. 40 50 2" E. Pop. (1846) 11,784. It is pleasantly situated, but is generally ill built; the streets are narrow, crooked, and paved with rounded pebbles, painful to walk upon; the squares, though clean, are mostly small, and destitute of ornament; and the houses, though mostly of shone, are tristes et mesquines. It was inostly small, and destitute of ornament; and the houses, though mostly of stone, are tristae et meagaines. It was once partially fortified, but the works were never completed, and they are now laid out in public walks. A handsome quay borders the Saône, and is continuous with a planted promenade at either extremity. The ancient hôtel de Montrevel, now occupied by the town hall, theatre, and public library, with 9,000 vola; the general hospital, two hospices, some of the churches, the prefecture, and the new prison, are the chief public buildings. Mácon is the seat of tribunals of primary jurisdiction and commerce, a communal college, schools of mutual instruction and linear design, and of a society of agriculture, arts, and belief lettres; and has manufactures of struction and linear design, and of a society of agriculture, arts, and belies lettres; and has manufactures of coverlets, clocks and watches, copper and earthenware, pump machinery, barrels, &c. But Macon is principally dependent on its wine trade. The same chain of hills that overhang the rich vineyards of the Cote d'Or extends through the dep. of the Saone-et-Loiro, and the part of the dep. of the Rhone called the Beaujolais. But whether it be from some difference of exposure or But whether it be from some difference of exposure or of soil, or other unknown cause, the wines produced in the district now mentioned are, though in many respects excellent, inferior to those of the Côte d'or. In commerce the wines both of the Mâconnais or district round Mâcon, and of the Beaulolais, are known by the name of Mâcon wines, from Mâcon being the emporium where they are mostly sold. They are strong and durable, corsis, spiritizeur, quelque fois trop femcus, et tousjours agréables (Jullien); and in general may be regarded as ranking next to the Beaune wines. The best growths are those of Torins, Romanèche, Chenas, and Pouilly. (Henderson on Wines, p. 166.) Many Roman antiquities have been found at Mâcon, and the ruins of its cathedral, destroyed during the revolutionary frensy its cathedral, destroyed during the revolutionary frenzy in 1793, form a very picturesque object. On the opposite bank of the Saone is the flourishing suburb of St. Laurent, the seat of a large corn-market. (Hugo., art. Same-et-Loire; Dict. Géog., &c.)

MACQUARRIE RIVER. See Australia, Vol. I.

222, 223.

MACROOM, an inland town of Ireland, co. Cork, machouse, an iniand town of releand, oc. Cork, prov. Munster, on the Sullane, 30 m. W. Cork. Pop., in 1831, 3,058. It is a poor, mean place, consisting of a single street, mostly of cabins. It has a par. church, a R. Cath. chapel, a large school, a court-house, markethouse, and a constabulary barrack. A manor-court for the recovery of debts to the extent of 21 is held every three weeks. General sessions are held in Dec., and petty sessions on alternate Tuesdays. Markets on Saturday. Post-office revoue, in 1890, 2264; in 1886, 2204. Near the town is a large cavern, the interior of which has

Near the town is a large cavern, the interior of which has not been thoroughly explored.

MADAGASCAR, a large island of the Indian Ocean, off the E. coast of Africa (from which it is separated by the Mozambique Channel), between lat. 19° 3° and 25° 40′ N., and long. 44° 30′ and 51° 30′ E. Length, 300 m.; average breath, 300 m. Area estimated at about 224,400 sq. m., being somewhat greater than that of France. This country, of which only a few years ago we had earneyly any knowledge, has recently been valied and explored by missionaries and other travellers; so that we now possess very satisfactory information respecting the island and its inhabitants. The coast is generally flat and low; but the interior is considerably diversified, and, though it is not traversed by any continuous sat and low; but the interior is considerably diversi-sed, and, though it is not traversed by any continuous chain, many parts, especially the E., N., and S. districts, may be called mountainous, the highest point, Ankaratra, in lat. 19° 40° N., long. 47° 20° E., is about 11,000 ft. above the sea. These mountains consist of granite, sientie, and quarts, covered in the lower parts with clay-slate, primitive limestone, and old red sandstone; vol-canic rocks occur in several places, and coal strata, abounding with iron, are widely distributed through the island. Rock-salt and hitre occur near the coast; and iron pyrites, oxide of manganese, and plumbago, have

been found in some districts. The rivers of Madagascur are numerous, and many of considerable size, the greater number flowing into the sea on the W. side; but most of them are choked with sand, have frequent falls and rapids, and are almost entirely unnavigable. There are likewise numerous lakes, not only in the central parts of the island, but also in the low alluvial districts near the sea, numerous lakes, not only in the central parts of the island, but also in the low altuvial districts near the sea, some of which are remarkable for their size and beauty. The most fertile parts are the valleys, most of which are remarkable for their size and beauty. The most fertile parts are the valleys, most of which produce rice or other vegetables, or else are clothed with a rich and luxuriant verdure. The climate of Madagascar is extremely diversified; that of the coast being oppressively hot, while in the interior the temperature seldom exceeds 85° Fahr. The heat at Antananarire, the cap., fluctuates between 40° and 85°: the middle of the day in summer is often extremely suitry, but the mornings and evenings are always pleasant. From May to October (the winter months of this island) the ground is often covered with hoar-frost, and the heat seldom exceeds 44°. At other seasons, however, the fluctuations between heat and cold are extreme and sudden, the temperature in the morning being seldom more than 40°, whereas, in the same day, the afternoon heat often exceeds 80°. The climate of Madagascar is extremely prejudicial to Europeans, in consequence chiefly of the effluvia rising from stagnant lakes and swamps near the coast; is utually hot and damp or rainy; but in the entral parts, and especially in Ankova, the metropolitan prov. of the island, the marsh-fever does not exist. The weather on the coast is usually hot and damp or rainy; but in the interior the rains are periodical, in a great measure regulating the divisions or seasons of the year. The trade winds from the E. and S.E. prevail during the greater part of the year; but the rains are often accompanied by violent gales from the N.W., W., and S.W. Karthquakes are occasionally felt, and the apital has more than once suffered considerable damage from such visitations.

and S.W. Earthquakes are occasionally felt, and the capital has more than once suffered considerable damage from such visitations.

Among the animals peculiar to Madagascar, may be mentioned five varieties of the monkey, foxes, wild dogs and cats, hogs, goats, a peculiar kind of cattle and sheep similar to those of the Cape of Good Hope: crocodiles swarm in nearly all the rivers and lakes, and are objects of great dread to the natives; serpents, also, some of large size, abound in the woods, and litards, scorplons, and centipedes, are very numerous and troublesome. Birds also, of various kinds, are found in the forests, the principal of which are the paroquet, famingo, falcon, kite, turtle-dove, pigeon, turkey, and different varieties of land and water fowls. The sea abounds with fish of various kinds, and oysters are numerous on the coast. The soil in many parts is prolific and highly susceptible of improvement, and the island produces numerous and highly valuable plants. The forests yield abundance of trees of varied durability and value; some used as dye-woods, others in building, with ebony, betel, mangrove, dragon-tree, bamboo, sugar-cane, locust-tree, Urania speciose, caoutchouc tree, plantain, banana, shana (Bignossia articulas), hibscus, mimosa, castor-oil plant, longoza (Curcusua zedoarie), cotton, indigo, and tobacco plants, allspioe, pepper, ginger, turmeric, and rice. Various other vegetable productions have been introduced, such as the cocoa-nut, bread-fruit, yam, manice, lemon, orange, peach, nuiberry, quince, fig, and and rice. Various other vegetable productions have been introduced, such as the cocoa-nut, bread-fruit, yam, manice, lemon, orange, peach, mulberry, quince, fig. and pomegranate. Several varieties of the Cape vine have been found to thrive well, the coffee-plant has been brought from the Mauritius, and the potato is largely cultivated as well as highly esteemed; but the common European cerealis have met with little encouragement. The Flora of the country is abundant; but the brilliant ansect usual to the gardens of tropical countries

European cerealia have met with little encouragement. The Flora of the country is abundant; but the brilliant aspect usual to the gardens of tropical countries is here missed, in consequence of the rapid alternations of heavy rains and extreme drought.

The husbandry of Madagascar, pursued by a distinct Class, consists, in a great measure, of the cultivation of rice, which is conducted with great care and success. Seed time is in September; at which season the grain, after being steeped in water, and subsequently kept in a warm place till it begins to sprout, is very thickly sown in a fine mould, almost covered with water artificially introduced into the fields. The water is afterwards drained off, manure is thrown over the seed, and as soon as the sprouts appear above the surface, moisture is again applied. The average produce in inferior grounds is said to be about 50 for 1; but the best cultivated grounds are alleged to produce seventy and even one hundred fold, the harvest being in January and February. Each rice field is separated from those adjoining by banks rising about 6 inches above the field, and affording great convenience to the labourers. Neither waggon, cart, sledge, nor beast of burden, is used in getting in the harvest, and the threshing is conducted either against a stone, or on the floor, by simply beating the ears with the hand. The secure storing of the grain, however, is an object of special attention; the Ovahs, the prevailing irbe of the island, have underground storehouses, made with extreme ingenuity; but other tribes have granaries above ground, bee-hive shaped, about 16 ft. high, made

of thick, clay-built walls, and entered only from the top. Manioc is another great object of farming industry; it is raised from cuttings, and about 18 months elapse between the planting and harvest. The roots, usually about 10 inches in length by 3 in diameter, are prepared for use by scraping and boiling, and are sometimes made into cakes. Cotton is cultivated to a considerable extent; and the pigeon-pea (cytinus cajum) is raised for the purpose of rearing sitk-worms. The European cereatic have been introduced by the missionaries; the plough and harrow have likewise been brought into use, and oxen broken in to cultivate the ground; but the natives prefer their old and imperfect methods of preparing the soil, to the adoption of readier plans, and superior implements. Next to the cultivation of the soil, the working of iron is the most important occupation of the people. In some parts the iron ore is found in large quantities on or near the surface, whence it is gathered in baskets and smelted for use; but when it is dug out of the ground, numerous small pits are made about 6 ft. in depth, and no further attempt is made to explore the riches of the interior. The ore is first crushed, then broken into small pieces, and afterwards submitted to the action of a charcoal fire in a rude furnace of stone-work, built up to the height of 2 or 3 ft. without mortar, and thickly plastered with clay on the outside, the blast being obtained by means of wooden cylinders, in which a rude sort of piston is fitted to drive the air through a bamboc cane into the fire. The native forges are equally simple; the anvil, about the size of a sledge hammer, is fixed in the ground near the fire, the water-trough is close by, and the smith, when at work, equats on a piece of board while his attendants surround him, armed with large hammers, and ready to strike the metal according to his directions. The articles thus manufactured comprise spears and javelins, knives, hatchets and spades, chisels and hammers, a rude sort of plane-irons, fik

The Ovahs (in the central table-land) 800,000 Sakalavas (W. side of the island) -Betsileos (S. of the Ovahs) -Betanimana and Betsimasarka (on the 1.200.000 1,500,000 1,200,000

4.700.000

4,700,000 kt is said, also, that this amount of pop. is considerably less than it was a few years back, owing chiefly to ware between the different tribes, the prevalence of the alave-trade, &c. It is, also, supposed that the practice of infanticide, which is alleged to have prevailed from time immemorial, has contributed to reduce the population. But most probably the influence of this practice is greatly overrated; and it is evident it cannot at all account for the recent decrease. The inhabe, differ materially in appearance and character, nor is there any doukt, though the people are nominally comprised in one political empire, and speak one language, that they include several distinct and peculiar nations. The distinction of colour separates the pop, into two great classes, the Ovahs, and a few other tribes, having olive complexione, handsome features, graceful persons, and lank dark hair, whereas the inhab of the shore, and indeed the majority of the people greatly resemble the Papuas, being short and stout, almost black, with low foreheads, broad flat faces, large eyes and mouth, and long crisped hair. There are differences also in the languages spoken by various sections of the pop., and many of their customs vary so much, as to make it clear

that, however amalgamated, they are not one nation, but a combination of several distinct races. With the exception, however, of the Ovahs, they are little better than barbarians, run almost naked, deepise a fixed life, are extremely superstitious, and practice mest of the vices so generally prevalent among the savages of the vices so generally prevalent among the savages of the neighbouring continent. Circumcision is universal, marriages are formed in very early life, and divorces are very common, and easily effected. The law permits polygamy, restricting the husband to 12 wives; but few have more than two, or at most three. Fidelity to the marriage-engagement, however, forms no part of the female character, and modesty is a virtue almost unknown. Their houses are usually of rude construction, except in the cap. of the Ovah country, where European improvements have been partially introduced. The diet of the people consists, in great part, of rice and manioc, with smaller portions of beef, poultry, &c., and the cookery is extremely simple.

Pediary and hawking are favourite, through not profit for all classes; and not only is there a daily general market at Tananarivo, but 4 or 5 large markets are held in different parts of the province, and well attended by a vast concourse of people from the adjoining districts. Animal and vegetable productions, native and foreign manufactures and cattle are exposed promiscously; and in no nation are there more clever and persevering bargainers than in Madagascar. The slave-trade, also, which a few years ago was nearly extinct, is now said to be pursued on a large scale. Money has not been coined on the island: dollars are more or less known in all parts, through communication with Ruropeans; but the rade is more generally carried on by barter. Most goods are sold by measure: rice by the bushel, meat by the cyc, snuff by the spoon, fluck or fewls may be purchased for a dollar, geese cost about 9d, each, and a line turkey may be had for 3d. Labour is also extremely low, many w

clined, and the policy of the present government seems to threaten the entire cessation of all trade with Europeans.

Madagascar is divided into 26 provinces, all of which have their separate chiefs; but for some years past the Ovahs have been reckoned the prevailing tribe, the chief of which is, in effect, the king of the laiand, receiving tribute from, and exercising sovereignty over, all the rest. The government is despotic, and the succession to the throne is commonly hereditary, the monarch having the right not only to sponin he immediate successor, but also to settle the line through future generations. He is the father of his kingdom, appoints every subordinate officer, enacts laws and orders their execution, decides cases and raises armies; but he often convokes assemblies of the people, for the purpose of obtaining information or advice on matters requiring mature deliberation, or in cases where the wishes of the aristocracy have to be consulted. The royal family is highly honoured, and no people can be more tenacious of etiquette, and the respect due to rank. The judges, who rank next to the blood royal, hear causes, decide disputes, and are exclusively privileged to communicate between the sovereign and people. Subordinate to these are the farastias, the police and tax-gatherers of the country is the smbouin-jets, or local magistrates; the mearoserand, or military governors of provinces (a very powerful and important body; and the vadiations, or royal courtiers, who not only carry government dispatches, but constitute a general patrol for the country. The king receives tithes of all produce, enjoys the monopoly of timber, and is exceedingly rich both in slaves and cattle, receiving also a considerable advectores duty from the possessors of these valuable articles. The sovereign is also high-priest of the realm, and presides over the great national sacrifices. The religion of the country is a rade species of polythesistic dolatry, and the people almost without exception believe in witcheraft and the e

it is almost powerless, in consequence of the royal edict of 1835, which not only forbad its public profession, but legalised the persecution, and even enslavement, of all natives becoming its adherents.

Madagascar, the earliest accounts of which were given by Marco Polo, from the narrestive of others were dis-

by Marco Polo, from the narrative of others, was discovered, in 1506, by the Portuguese, who established a settlement close to the S. end of the island, and soon after tried, though with little success, to introduce the after tried, though with little success, to introduce the Rom. Cath. religion. It was at first resorted to merely as a place of refuge and provisioning station for ships; but in 1642 an attempt was made by the French to make it one of their colonies, which however proved futile, in consequence of its extreme unhealthiness; and in 1664 most of the colonists removed to the neighbouring island of Bourbon. The Jesuits meanwhile continued to exert themselves in the establishment of Christianity; but wains to the injudicious scale of Father Stephen. to exert themselves in the establishment of Christianity; but owing to the injudicious zeal of Father Stephen, the superior of the mission in Madagascar, the natives were exasperated at the innovations of the foreigners, some of the missionaries were massacred, and the rest were glad to escape from the island. Various attempts have subsequently been made by the French to establish a permanent settlement, and since the general peace of 1815 they have formed four small colonies on the B. coast, as well as on the contiguous island of Madame-St.-Mary. The English missionaries were allowed to visit Madagascar in 1818—1825, with full permission to disvisit Madagascar in 1818—1825, with full permission to dis-seminate their moral and religious views, and the sove-reign Radáma was favourable to the establishment of schools and the introduction of improved methods both of agriculture and manufactures. Since his death, how-ever, there has been a stagnation in the trade with Eng-land, the missionaries have been forbidden to approach the island, all possible means have been adopted to destroy the effects which the exertions of Europeans had secomplished in eight years, and Madagascar may destroy the checks which he exertions of Europeans had accomplished in eight years, and Madagascar may now be ranked among the barbarous countries of E. Africa. (Rockon's Foyage to Madagascar; Eliu's Hist. of Madagascar, vol. 1. passim; and valuable private in-

primation.)

MADDALONI, a town of S. Italy, king. of Naples,
Marsadi-Lavoro. cap. canton, 14 m. N.N.E. arov. Terra-di-Lavoro, cap. canton, 14 m. N.N.E. Naples, Pop. 10,500. It has several churches and con-ents, a house of refuge, a royal college, and a noble queduct, which conveys water to the royal palace at

feet in height, will be made subservient to the purposes of irrigation.

of irrigation.

The climate of Madeira fluctuates less than that of any country N. of the equator: its mean annual temperature having been found, in a period of 18 years, not to exceed 55° Fahr., that of the bottest months (Augand Sept.) being 74°, and that of the coldest (Dec. and Jan.) 63°, the glass seldom falling below 53° even in the severest weather. The heat of summer, however, is considerably higher, being increased from 10° to 15° during the prevalence of the hot and parching E. winds (the scirocco) that blow off the African considerably higher than that of the island in general: there dews are slight, and the rains few and far between; but in the higher parts of the island, a cool climate is rendered dews are slight, and the rains few and far between; but in the higher parts of the island, a cool climate is rendered more delicious by frequent dews and rains enriching vegetation, and rendering the air fresh and salubrious. This remarkable equality of climate, not only through the year, but during the days and nights, constitutes the chief recommendation of Madeira to invalids. Persons subject to chronic pulmonary complaints, unstatended by any material disorganisation, have derived much benefit from a voyage to Madeira; as have others afflicted with diseases of the windpipe; and a still greater number who are the victims of dyspepsla, or other maladies of the stomach, the cure of which is hastened by the regular habits and exercise usually taken by invalid residents in the island. The efficacy of the climate, however, in cases of confirmed twbercular consumption has been absurdly exagerated. It may then, climate, however, in cases of confirmed fubercular coa-sumption has been absurdly exaggerated. It may then, indeed, lengthen life a little; but it cannot effect a cure. During the last half century, vast numbers of invalids, of whose recovery no rational hope could be entertained, and who should have been left quietly to expire at home, have been hurried off to this island, at an expense which they could often but ill afford, for no purpose unless it were to amuse them with false hopes, or that they might occurr a nise in Funchal church vard. Invalids should occupy a place in Funchal church-yard. Invalids should not attempt the voyage before the middle of June, nor later than the end of September; spring is a trying season, owing to the prevalence of N.E. winds; and October is the first month of the rainy season of au-

MADDALONI, a town of S. Italy, king, of Naples, prov. Terra-di-Lavoro, cap. canton, 14 m. N.N.E. shades, prov. Discourage and the convents of the shades are not found in less than 50 fathoms and upwards, except in Funchal road, where ships anchor in from 30 to 20 the shades. The clief of the shades of the shades are not found in less than 50 fathoms and upwards, except in Funchal road, where ships anchor in from 30 to 20 the shades. The clief of the shades of the shades are not found in less than 50 fathoms and upwards, except in Funchal road, where ships anchor in from 30 to 20 the shades. The clief of the shades of the shades are not found the shades of the shades are not found in less than 50 fathoms and upwards, except in Funchal road, where ships anchor in from 30 to 20 the shades. The clief of the shades of the shades are not found the shades of the shades are not found in less than 50 fathoms and upwards, except in Funchal chees are shades of the shades are not found in less than 50 fathoms and upwards, except in Funchal chees are shades of the shades are not found in less than 50 fathoms and upwards, except in Funchal chees are not found in less than 50 fathoms and the shades are not found in less than 50 fathoms and the shades are not found the shades are n

plumage occupy the groves. Myriads of finely variegated lisards crowd the gardens and vineyards, occasionally doing much damage to the grapes; but there are no venomous reptiles, and the inhabs, are free from that insect plague that is usually one of the drawbacks of warm countries. The honey hee is abundant, and produces fine honey. Many varieties of fish are caught on the coast; especially tunnies and eels, which are the favourite food of the inhab.

Agriculture is chiefly confined to the relating of winds.

Agriculture is chiefly confined to the raising of vin-Agriculture is chiefly confined to the raising of vines. Land is usually let out in small holdings, varying from 10 to 40 or 50 acres, and the rent is estimated, on the suffager principle, at half the produce, according to a yearly valuation of the crops. Wheat, barley, and rye are produced; but the crops average little more than a third part of the annual consumption. The wheat grown in 1837 is said, though we attach little credit to

are produced; out the crops average into more than a third part of the annual consumption. The wheat grown in 1837 is said, though we attach little credit to such statements, to have amounted to 6.787 grs., the barley to 2,664 grs., and the rye to only 570 grs. Wheat is sown in Oct., and reaped in June, this crop being followed by another of beams or sweet potatoes. Rice is cultivated more as an ornamental grass than for any useful purpose; and Indian corn, which is admirably adapted to the climate, and is much used as an article of food, has till very lately been little grown.

Considerable attention has lately been devoted to the cultivation of the coffee plant, which, should the demand for wine not increase, may, perhaps, become of considerable importance. Fruits and vegetables are raised with little trouble, and the show in the fruit-market of Funchal, in a grow of noble palm-tree, would astonish any untravelled European, even from Italy or Spain. Here, besides all the ordinary fruits and garden vegetables of S. Europe, as oranges and guavas, finer even than those grown in the W. Indies, custard-apples, alligator-pears (the fruit of the Lawsus Persea), numerous tribes of cucurities, the exquisitely flavoured fruit of the Cactus triangularis, the Cape gooseberry, sent as a preserve to Europe, and the tokoo-tokoo, said to be "delictous." But its wine is the great glory of Madeira. The grape is not indigenous to the island; and it is said to have received its first plants from Crete, carried thither by order of the famous Prince Henry of Portuguese in 1421. Many other varieties of the grape have since been carried to the island; its mild climate and volcanic soil being especially suitable for their growth.

The steepness of the hill-sides, on which the vines. suitable for their growth.

suitable for their growth.

The steepness of the hill-sides, on which the vines chiefly grow, and the necessity of economising valuable space, have led to the practice of raising the vines-beds on successive terraces, supported by retaining walls. The vines are trelled on bamboo and other supports. for the purpose of exposing the grapes to the ripening influence of the sun, and the bunches are frequently of enormous size. The usual method of cultivation is to

for the purpose of exposing the grapes to the ripening influence of the sun, and the bunches are frequently of enormous size. The usual method of cultivation is to trench the ground from 4 to 7 ft. deep, according to the soil, and to lay a quantity of loose or stony earth at the bottom, to prevent the roots from resching the clayer soil beneath, which would otherwise hinder their growth. The ground is watered three times, if the summer be very dry, and each time it is thoroughly saturated; but the less it is watered the better is the wine, though the quantity, of course, be diminished.

The N. side of the island, though sufficiently fertile, being the most exposed to cold winds and fogs, is not so favourable to the culture of the vine as the 8, where all the finest growths are raised. The best Madeira-malmery, or Maisovisis, is produced on rocky grounds exposed to the full influence of the sun's rays, the grapes being allowed to hang till they be dead ripe. The Servical grape will, also, only succeed on particular spots. The wine made from it is, when new, harsh and austere, and requires to be long kept. The best Madeira wine is produced on the 8, side of the island; but it is alleged that not less than two-thirds of the wine grown even in this quarter is of secondary quality; so that in Madeira, as in all wine countries, the first growths (premiers crus) are both scarce and dear. The process of making the wine is very simple. The grapes are picked from the stalk, thrown into a vat, pressed, first with the feet, and afterwards with a weighted wooden lever. The proprietor of the land, and the collector of taxes for the crum, both attend at the press; the latter takes out of the tub his stank of the whole sweat, the remainder being equally divided between the landowner and the tenant. Each takes with him a sufficient number of porters to carry away their respective shares, sometimes in barrels, but more frequently in goat skins, borrachas, to the collars in Funchal, where the English merchants have extensive yard

Though naturally strong, a quantity of brandy is added to Madeira wine when racked from the vessels in which it has been fermented, and another portion is added when it is about to be exported. The demand for Madeira wine in the B. and W. Indies, where it is highly esteemed, first led to a knowledge of the improvement it derives from being carried to a warm climate; and it has long been customary for ships outward bound for India and China to touch at Madeira, and take large large quantities of wine on board, which they bring home to England. But it must not be supposed that all the Madeira wine that has gone to Calcutta and Canton is necessarily better than any brought direct from the island, as much must obviously depend on the quality of the wine sent to the East. But, if due care be taken in the selection of the wine sent to India and China, it is very much improved and matured by the voyage; and it not only letches a higher price, but is in all respects superior to the direct importations. Most of the adventitious spirit is dissipated in the course of the Indian voyage, and the full flavour of the wine is evolved.

price, but is in all respects superior to the direct importations. Most of the adventitious spirit is dissipated in the course of the indian voyage, and the full flavour of the wine is evolved.

Madeira wines may be kept for a very long period.

"Like the ancient vintages of the Surrentine hills, they are truly firmizsima vina, retaining their qualities unimpaired in both extremes of climate, suffering no decay, and constantly improving as they advance in age, laded, they cannot be pronounced in condition until they have been kept for ten years in the wood, and afterwards allowed to mellow nearly twice that time in bottle; and even then they will hardly have reached the utmost perfection of which they are susceptible. When of good quality, and matured as above described, they lose all their original harshness, and acquire that agreeable pungency, that bitter sweetlahness, which was so highly prized in the choicest wines of antiquity; uniting great strength and richness of favour with an exceedingly fragrant and diffusible aroma. The nutty taste, which is often very marked, is not communicated, as some have imagined, by means of bitter almonds, but is inherent in the wine." (Henderson, p. 283.)

The wines of Madeira have fallen of late years into disrepute in England. The growth of the island is very limited, not exceeding 15,000 or 18,000 pipes, of which a considerable quantity goes to the East and West Indies, and America. Hence, when Madeira was a fashionable wine in Engentlend, every sort of deception was practised with respect to it, and large quantities of spurious trash were disposed of for the genuine vintage of the island. This naturally brought the wine into discredit; so that sherry has been for several years the fashionable white wine. It is difficult, however, to imagine that adulteration should ever have been practised to a greater extent upon Madeira than it is now practised upon sherry. It is not, therefore, improbable that a reaction may take place in favour of Madeira, which has sunk to a much

a question that really good Madeira is one of the very best of wines.

The commerce of Madeira is very considerable; the exports consist principally of wine. Among the minor articles of export are fruits, both fresh and preserved, dragons' blood (the gum of the Calamus draco), honey and wax, orchil (a white lichen used in purple-dyeing), tobacco, and provisions for ships. Its imports comprise manufactured goods, sheep, salted provisions, fish (especially herring and cod), oil, corn, and some tropical productions. We subjoin a statement of the vessels, and their tonnage, which arrived at and left funchal in 1837; specifying the countries whence they came, and for which they cleared out, with the value of their cargoes:

	Arrived.			Departed.			
Countries.	Ships.	Tons.	Tons. Value of Cargoes.		Tons.	Value of Cargoss.	
Gt. Britain Portugal - U. States Nardinis - Denmark - France - Holland - Other coun- tries -	130 75 85 33 10 7 8	29,432 5,839 5,924 4,936 1,994 945 507	L. 53,926 34,672 27,901 20,451 6,364 5,720 1,840	131 75 36 33 9 7	29,870 5,859 5,505 4,996 1,796 945 507	L. 131,606 6,355 71,235 318 13,060 4,305 11,100	
· Total •	306	50,271	159,264	807	50,272	240,200	

The imports from England, in 1838, comprised cotton, woollen and linen fabrics, and haberdashery, to the value of 32,3704., with coal, earthenware, butter and cheese, salt meat, rice, sugar, &c., making in all a total value of 35,0004. The Americans send timber, whale-oil, salt fish

and mest, premaned candies, with other articles, in small quantities, to the vaine, in 1823, of 4 (607 dollars, small quantities, to the vaine, in 1823, of 4 (607 dollars, small quantities, to the vaine, in 1823, of 4 (607 dollars, small quantities, to the vaine, in 1823, of 4 (607 dollars, small quantities, to the vaine productive course is the titles, appearance with the flaind. Justice is administered by a tribunal in whose favour little can be said, from which there is an appeal to the courts at Lisbon. The crown on all imports, except provisions is but the most productive source is the title of wine, with an additional type ripos on the quantity exported. A revenue is soop. The revenue is sufficient to defray the expenses of the civil, military, and excessation establishments; considerable sums are likewise expended in public considerable sums are likewise expended in public which is remitted to Portugal. The number of clergy, including monks and must, is stated to be some revenues, the title on wine being originally intended for their maintenance; but the present government and considerable sums are likewise expensed in public which is the present provenues and considerable is the own was being originally intended for their maintenance; but the present government of their maintenance; but the present government of the public of their delicacy in the public of the public of their delicacy in the public of the public of their delicacy in the public of the public of the public of their delicacy in the public of th of their food, which chiefly consists of pumpkins, sour wine, or pernicious spirits; to a life of drudgery and exposure to the great vicissitude of climate, by daily ascending the steep and lofty mountains in search of fuel; and, above all, to a total disregard of cleanliness." In fact, almost all the natives of the island are infected with a species of ltch, which they regard as incurable, and which is accompanied with a great degree of inflamand which is accompanied with a great degree of inflam-mation. (Barrow, p. 11.) Among the richer inhabs, are many Portuguese fidatigos; but by far the larger part are merchants and private residents belonging to almost every commercial country, especially Great Britain. These hold little intercourse with the other Britain. These hold little intercourse with the other inhabs,, but live either in their town-houses at Funchal, or at their villas or quentas higher up the Island, whore they exercise the most liberal hospitality. A small tax on wine sent to England is levied by our consul, to form a fund for charitable purposes, which is further increased by the benevolent contributions of the merchants, who also support an English episcopal church, the present

smugglers, and the rest are mere rocks.

Madeira is said to have been discovered in 1344, by Macham, an Englishman, who was wrecked, and cast on its shores. But this story is very doubtful; and it seems most probable, that Juan Gonsales, who had been despatched on a voyage of discovery by Prince Henry of Portugal, and who fell in with this island in 1419, was its real discoverer. When discovered, it was uninhabited, and covered with wood, and was on that account called Madeirs, that being the Portuguese in 1421, and has since continued in their possession. (Rubertion's America, book i.) Its occupation by the English during the late war with France, being merely in order to prevent its failing into the hands of the French, it was restored to Portugal at the peace of 1814.

MADELEY, a market town and par. of England, co. Salop, franchise Wenlock, on the banks of the Severn, 13 m. E. S. E. Shrewsbury, and 128 m. N.W. London. Area of par. 2,700 acres. Pop., in 1841, 7,865. The town, which is of considerable antiquity, and celebrated in history as having given refuge to Charles II. after the battle of Worcester, derives its present importance from its proximity to the great coal and iron district of Coalbrookdale. The church is a handsome modern structure, the

The church is a handsome modern structure, the being a vicarage in private patronage. The Rom the dale. The church is a handsome modern structure, use living being a vicarage in private patronage. The Rom Caths., Wesleyan, and Primitive Methodists have also their respective places of worship, and there is a meeting-bouse for the Society of Friends. A national school is connected with the church, and there are four Sunday schools. The iron trade, carried on here to a considerable extent, is much facilitated by means of the Shropshire extent, is much facilitated by means of the Shropshire canal, which joins the Birmingham and Liverpool junction canal, and connects Madeley and the Ketley fromworks with the great manufacturing districts of Dudley, Wolverhampton, Birmingham, &c. About 2 m. W. of the town, and near the romantic village of Coalbrookale, is a cast-iron bridge, erected in 1790, of one arch, 100 ft. in span, 40 ft. above the river, and containing 375 tons of metal, being the first structure of the kind raised in the kingdom. This beautiful rural district, embosomed between high and well-wooded hills, has within the last half century been converted into one of active mining and manufacturing industry, the furnaces now (1830) at work in this vicinity being estimated to produce 50,000 tons of iron a year. At Coalport, about 2 m. from the above-mentioned bridge, is a considerable manufactory of china. Markets on Friday: fairs May 29. and last Transfer in the or cama. Mark Tuesday in Oct.

The neighbourhood of Madeley is remarkable for an extraordinary convulsion of the earth, that took place in 1773, when about 30 acres of land were shifted from their a.r.a, when about at acres of land were shifted from their site, and broken into irregular chasms, large oak trees were uprooted, and the Severn, blocked up for more than 20 yards by the displaced soil and fallen trees, was com-pelled to find a new channel, in which it now flows

200 yards by the displaced soil and fallen trees, was compelled to find a new channel, in which it now flows.

MADRAS (PRESIDENCY OF), an extensive division of British India, being the second in rank and the most southerly of the three presidencies. It comprises, with its tributary states, the whole of Hindostan S. of the river Krishna, the N. Circars, and Canara. It extends from 8° to 20° N. lat., and from 74° to 85° E. long. It is of a triangular shape; the base of the triangle being formed by a line drawn from Gaujam, on the coast of Coromandel, to Sadasharagur, near the 18th degree of Coromandel, to Sadasharagur, near the 18th degree of Malabar, the sides by their coasts, lat., on the coast of Malabar, the sides by their coasts, lat., on the coast of Malabar, the sides by their coasts, and the apex by Cape Comorin, at the southern extremity of India. It is consequently bounded on two of its sides, the E. and W., by the ocean, while on the third, or N., it has the dom of the Nisam and the Rajah of Berar, parts of the presids of Bengal and Bombay, and the Portuguese territory of Goa. Its greatest length, N. to S., is about 950 m. Its area, pop., subdivisions, &c. are specified in the following Table:—

Districts.	Aren in sq. m.	Pop. 1836-7.	Pop. to	Land Revenue, 1856-7
				Rupres.
Ganjam	3,700	588,079	118	983,967
Vizagapatam -	5,600	1,047,414	187	1,90€,008
Rajahmundry -	4,790	578,399	184	1,767,137
Masulipstam -	4,810	339,009	69	944,977
Guntoor -	4,960	19,318	104	1,578,006
Nellore and Ongole -	18,000	846,572	115	1,399,814
Arcot, N. division -	8,200	506,531	50	1,875,486
- 8. division +	4,500	550,239	47	1,975,598
Chingleput		356,219	109	875,359
Madras	30	650,000	7. 7	65,364
Salem	6,518	905,190	112	1,644,713
Coimbateor	6,592	507,964	96	2,054,013
Trichonopoly -	5,169	554,730	175	1,488,855
Tunjere -	8,695	1,129,730	131	5,467,765
Madura	7,656	1,155,411	148	1,750,791
Tinnevelly	5,590	850,891	152	1,660,439
Bellery	12,703	1,112,639	87	2,170,904
Cuddapah + -	19,703	1,063,164	55	1,912,473
Mainhar	6,269	1,140,916	189	1,611,622
Canara	7,477	759,776	94	1,671,215
Total British territ.	150,858	14,894,851	115-8	31,897,449
Tributary States.	20.50	Mariana i	1.23	1 2 3 3 3
Mysore -	29,400	2,271,754	77	
Travancore and Co-		1 2 2 2 2 2 2		
chin .	9,400	1,119,000	1	
Courg	2,540	\$0,000	120	
Grand Tutal of Madyna Presid.		18,311,605	106-4	

Physical Geography, Mountains. — The surface con-sists of a central table-land, surrounded on all sides by sists of a central table-land, surrounded on all sides by an ordulating or pilal country gradually diminishing in elevation as it approaches the sea. The mountain-ranges bounding the table-land on either side are the E. and W. Ghauts, which diverge from each other at the knot or mountains termed the Neilpherries, in about 11° N. lat, and from 70°30° to about 77° E. long. The W. Ghauts ap-proach much nearer to the sea than the E., so that there is a much greater extent of plain country in the E. than in the W. nortion of the presid. The Neilpherry Hills. proach much nearer to the sea than the E., so that there a much preater extent of plain country in the E. than in the W. portion of the presid. The Neigherry Hills, which may be considered the nucleus of the mountain system in S. Hindostan, extend 34 m. E. to W. by 15 m. N. to S., having numerous peaks rising to between 5,000 and 6,000 ft., and one. Dodabettas, estimated at 8,760 ft. above the level of the sea. The W. Ghauts are more continuous and generally more clevated than the E.: the latter, even in the district of Salem, where they are highest, seldom attaining to an elevation of 6,000 ft., while the former frequently rise 2,000 ft. higher. The table-land above or between the Ghauts averages in Coorg nearly 5,000 ft. in elevation, and, in Canara, Balaghaut varies from 3,000 to 5,000 ft.; but it decreases rapidly in height as we proceed E. and N., and even in Mysore, Bangalore is only 3,807 ft., and Hurryhur only 1,831 ft., above the sea. S. of the Neitherries, is the Paulghautcherry Pass, in Colmpatoor, 16 m. in width, extending from sea to sea, and forming a complete break in the mountain-system of S. India. S. of this pass, a mountain-chain, little inferior in height to the Neitherries, stretches learly due S. to Cape Comorin. This chain separates Cochin and Travancore, on the W., from the district of Madura and Tinnevelly, on the E. The Ghauts elsewhere form the chief line of separation between the British territories and those of the subsidiary states. Vol. 11.

SIDENCY OF).

The principal rivers are the Godavery and Krishna, with their tributaries; and the Pennar, Palaur, Punnair, Cavery, Coleroon, and Vighey. These have all an E. course, and disembogue on the Coromandel coast. The three principal have been aiready described. (1. 571—913., II. 126.) The only other river worthy any particular notice, the Coleroon, is the N. branch of the Cavery, which, having separated from the latter, opposite Trichnopoly, bounds the district of Tanjore on the N., and falls into the sea about lat. 110 30'. The streams running W. have short course; the longest is the Ponany, which traverses the Paulghautcherry-pass, but it is of little use for navigation, being very shallow in the dry season. There are no lakes of any importance: that of Colair, in Masulipatam, is the principal. There are numerous salt lagoons, or inlets of the sea, on the Coromandel coast, but they are of little use for navigation; and the whole of the Coromandel coast has a shelving shore, and is beat by so heavy a surf, as to be at all times difficult to reach, and during the monson it is quite unapproachable. The inlet of Cochin, on the Malabar coast, is not within the British territory. The Malabar coast within this presidency is also very destitute of good harbours.

The Climate—differs widely in the different portlons of this presidency. The W. coast is expressed to all the

destitute of good harbours.

The Climate—differs widely in the different portions of this presidency. The W. coast is exposed to all the fury of the S.W. monsoon, during which the rains are excessive, and often accompanied by heavy squalis and thunder storms. On the copposite coast, the rains are, on the contrary, brought in by the N.E. monsoon, a circumstance explained by the fact, that the Ghauts are elevated enough to intercent the passage of the clouds. circumstance explained by the met, that the Ghauts are elevated enough to intercept the passage of the clouds. The N.E. monsoon lasts from October to March; but the monsoon rains are over in December; and much less rain falls on the Coromandel than the Malabar coast, rain falls on the Coromandel than the Malabar coast, where, as in Canara, the annual fall of rain is sometimes 114 in. The quantity falling in Corimbator, in 1836-7, was only 9 in., and in 1837-8, 22-1 in. The heat is much more oppressive on the E. than the W. side of S. India, owing to the greater prevalence of dry weather and parching winds. If we may depend on the statement of Berghaus, the average annual temperature of Pondicherry, lat. 11° 56°, is no less than 84° 7° Fah. (29°6 centig.), that of Madras being 82°. (Alig. Länder, &c., i. 230.) At the mouth of the Krishna, in the N. Circars, in about 16° lat., the thermometer has been known to stand at 168° Esh. at midnight! (Hamilton's E. I. Gest. 1418.) The plain country, in the E. part of the presidency, is frequently very unhealthy; but on the Malabar coast this is not the case. The country above the Ghauta, which has a mean temperature many degrees below that which has a mean temperature many degrees below that of the plains, is decidedly salubrious; it derives rain from both monsoons, having an equable climate, and an atmosphere usually clear, serene, and highly invigo-

atmosphere usually clear, serene, and highly invigo-rating.

The Geology—of S. India has been noticed with that of the rest of Hindostan. (1.9%3.) Sienite, granite, quarts, greenstone, mica, and hornblende are among the chief primitive rocks, in the Ghauts, Neilpherries, &c. The upper soil on the coasts is usually sandy, and not very productive; but in the valleys of the interior, it fre-quently consists of a rich alluvium or loam. The soil of the Balaghaut districts, N. of Mysore, consists princi-pally of the red and black earth, so prevalent in the Deccan.

Natural products. — Many portions of the soil in the

Deccan.

Natural products. — Many portions of the soil in the table-land are highly impregnated with carbonate of soda, nitre, and other salts; iron is generally plentiful, and the iron ore of the district of Salem is extremely rich. Copper is found in Nellore, and a few other districts, and diamonds near Cudapah. The presidency yields no other mineral products of tauch value. A considerable extent of surface, especially in the upper part of the country, is covered with lorests, comprising teak, sandal, ebony, and other valuable timber trees. Teak grows on the E. as well as the W. Ghauts; but that of the Malabar coast is the most available, and best known, in the market; a good deal being floated down to the coast by the small rivers, and sent to Bombay and elsewhere for ship-building. The toddypalm (Borassus flabelliformis), cocoa nut tree, the products of which form important articles of export from the W. districts; and other palms flourish on the sandy ducts of which form important articles of export from the W. districts; and other palms flourish on the sandy coast lands, which supply few other useful articles. The sugar cane, areca, yam, plantain, tamarind, jack, mango, melons, and various other fruits, ginger, turmeric, cotton, hemp, &c., some of which are indigenous, are pretty generally grown; pepper is an important article of culture on the Malabar coast, and Colmbatoor is celebrated for the excellence of its tobacco. Rice, paddy, wheat, barley, maire, and all the other grains common in India, both wet and dry, are here cultivated: the first is grown chiefly on the plains of the coast; but it forms also the chief export of Coorg, though a high country, and is the great staple of Canara. The Balaghaut districts are almost wholly appropriated to dry grain sultivation. grain cultivation.

Animals.— The elephant, tiger, chetah, bear, blson, elk, spotted deer, antelope, jackal, wild hog, jungle sheep, &c., inhabit this as well as other parts of india; tigers, however, are not so numerous as in the countries watered by the Ganges, and other low and jungly portions of Hindostan. Ivory is a product of some consequence in Coimbatoor; from 700 to 800 elephants being destroyed in that prov. between 1832 and 1836. Domestic animals are most numerous in the E. and S. districts; Guntoor is celebrated for its cattle; and Coimbatoor for its sheep, which are not hairy and long-legged like those of the Carnatic, but small, yleiding good mutton and coarse wool, made into common sorts of clothing, carpets, &c. Live stock, above the Ghauts, is scarce and inferior.

mutton and coarse wool, made into common sorts of clothing, carpets, &c. Live stock, above the Ghauts, is scarce and inferior.

Land-tax, &c. — With the exception of the N. Circars, (see Ciacoas, Noarthern), the greater portion of the territories included in the Madras presidency, are assessed for the land-tax on what has been called the ryotwar system. It is unnecessary, however, after the copious details we have already given in the article on British India (see and, p. 22.), to enter, in this place, into any farther investigations with respect to the nature and operation of that settlement. It is sufficient to say that the land-tax in Madras is oppressive in amount; and that the system under which it is assessed, being subject to perpetual changes is, in fact, subversive of the security of property, and consequently of all industry, except what is indispensable to meet immediate wants. We do not mean to impeach the motives, or to depreciate the talents, of Sir Thomas Muuro, and the other individuals most instrumental in the establishment of this system; but we do not well see, supposing they had set about devising a scheme for paralysing enterprise, and creating an insuperable obstacle to all improvement, how they could have hit upon one better fitted to accomplish such objects than the ryotwar assessment. It appears to have every quality that an assessment should not, and not one that it should, have; and it were idle to expect that either the revenue of the presidency, or the industry and condition of the inhabitants, should be materially improved, so long as it is permitted to shed on all sides its withering influence.

Agriculture, &c.— The imposition of an oppressive

influence.

Agriculture, &c.—The imposition of an oppressive assessment is the more severely felt, as the land in the Madras presidency is generally much less fertile than in Bengal and many other parts of British india. Tanjore may be said to be the granary of the presidency, and produces the greatest land revenue. The widest breadth of cultivated land is met with in Rajahmundry, Tanjore, and Colmbatoor. The modes of agriculture pursued in the different provinces will be found briefly noticed in the articles which have especial reference to them. Generally, however, it may be said that agriculture is at a very low ebb; that the occupiers, ground down by oppressive taxes, are for the most part miserably ture is at a very low ebb; that the occupiers, ground down by oppressive taxes, are for the most part miserably poor, and their implements and stock alike bad. Irrigation is extensively practised; and wherever a sufficient supply of water (whether from rivers, tanks, or wells) can be commanded, as in the delta of Tanjore, S. Arcot, &c., the crops of rice are very heavy. The land under dry grains is generally manured; and cow dung used as fuel in this presidency being subject to a tax, it is generally used as manure. Oplum is rarely or not at all grown; and indigo only in small quantities, principally in the N. districts. Coimbatoor exports annually upwards of 4,000 candies of tobacco to Malabar, Cochin, and Travancore; and large quantities to Trichiqopoly and Mysore. The superiority of the tobacco grown in this province is attributed to the soil containing much saltpetre and peroxide of iron, as well as to the attention this province is attributed to the soil containing much saltpetre and peroxide of iron, as well as to the attention bestowed on its culture. The exhaustion of the land, from its cultivation, is, however, very great; the ground consequently requires frequent and regular manuring, and is cultivated every other year with dry grains. Tobacco costs on the spot where produced about 25 rupees per candy. Cotton is a staple product of Tinnevelly; and it and sugar are raised in various other places.

places.

Manufactures, &c. — The chief are those of cotton cloth; and formerly cotton fabrics and other piece goods were largely exported, especially from the N. Circars; latterly, however, the lower price and better quality of British piece goods have enabled them, to a great extent, to supersede those of India in most foreign markets; to superseue those or make in mose foreign makes to though the latter are still exported, especially from Tin-nevelly to the W. Indies and America. The natives have recently turned their attention to the imitation of Engrecently turned their attention to the imitation of English cottons, and, in some instances, it is said, with considerable success. The muslins of Chicacole, the woollen carpets of Eliore, and the silks of Berhampore (Ganjam), are of old celebrity; but in general manufacturing industry flourishes most in the S. districts, and the cloths of Madura are highly esteemed for their fine red dye. The state of manufactures appears to depend in a great degree on the state of the roads, and means of communication.

In the S. provs. the government has completed several good carriage roads, and in the N. they are also pretty good. Canara, on the other hand, may be said to be wholly without roads, and vehicles are unknown. The Malabar coast has a singular paucity of manufactures: its chief wealth arises from its large exports of rice to Arabia and Bombay, and of pepper and other spices, areca, occoa-nuts, &c. A good deal of iron is made in Tinnevelly; and saltpetre and salt are made in various parts; but the latter are inferior to those of the Bengal presidency. Above the Ghauts the arts are in a very rule state.

presidency. Above the Ghauts the arts are in a very rude state.

Weights and Measures.—At Madras, the mand of 40 seers or 8 ris = 25 lbs. avoird.; the candy of 20 maunds = 500 lbs.; the garce for grain = 128 mbs. At Trichinopoly, the seer for metals = 9 oz. 84 dr. In Malabar, the totam of 40 seers = 23 lbs. 3 oz.; the foot = 10 v6 fin. At Madras, the manney = 2,400 sq. ft.; the causey of 20 maunds = 20 mbs. 3 cres. (Madras Almanack, 1839.)

The government is vested, as in Bombay, in a governor, subordinate to the governor-general of India. He is assisted by a council of 3 members, one being the commander in chief, and 3 secretaries, placed over the revenue and judicial, political, and military departments. In each of the 20 districts there is a European collector, who exerts also the chief magisterial power. Zillah courts are holden in the principal towns of most of the districts; and there are four provincial courts of appeal at Chittoor, Masulipatam, Trichinopoly, and Tellicherry. In Madras is a court of Sudder and Foudjarry Adawiut, an admiralty court, and the high court of judicature for the presidency. The Church of England ecclesiastical establishment consists of the bishop and archdeacon of Madras and 19 chaplains, in different parts of the presidency. There are numerous Protestant-dissenting and Rom. Cath. chapels, Madras being the see also of a Rom. Cath. bishop. According to the government returns of 1836, about 186.600 children were receiving instruction at the schools within the presidency. The Madras military force, according to recent returns, consists of 50,257 mea, of whom about 9,500 are Europeans.

Account of the Revenues of the Presidency of Madras during the Four Years ending with 1818-49

	,		- 	
Heads of Revenue.	1845-46.	1846-47.	1847-48.	1848-49.
Mint duties -	Rupces. 10,841	Rupest. 4,305	Rupers. 1,06,259	Rupees. 48,015
lections - Stamp duties -	4,04,066	3,94,380 2,48,123	4,15,28¥ 3,01,306	3,99,274 8,68,244
Miscellaneous	54,665			
Judicial fees and fines Land revenue	2,93,648 3,46,01,048	2,87,803 3,58,99,104	2,75,752 3,65,48,058	1,84,951 3,64,56,935
Abkarry, and small farms and licences -	25,05,882			
Moturpha - Miscellaneous	11,50,850		11,43,941	24,31,37% 11,29,424
receipts in the revenue de- partment	2,27,414	2,66,467	3,04,286	3.09. 515
Customs, see, and inland	16,51,054	15,10,404	13,59,816	9,28,764
Bale of tobacco - Ditto of salt - Marine duties -	9,00,75% 47,06,411 78,850	45-56-333	8,95,965 48,57,218 71,999	9,13,8×0 45,07,977 70,593
Subsidies from Mysore, Tra- vancore, and				,,,,,,
Cochin Interest on ar-	54,46,430	34,46,431	34,46,430	34,46,431
rears of re- venue, &c. (in- cluding interest				
on debt due by the Nizam's government)		1,07,048	36,668	
Total gross re-				8,14,878
Deduct allow ances and as-	5,00,60,481	5,13,40,417	5,21,03,672	5,15,14,537
payable out of the revenue	57,85,286	\$0.00.00	63,53,268	
			4,57,50,404	
Charges for col- lecting the re- venue	59,90,959	66,01,266	69.38.791	65,62,456
Total nett re-				
payment of al-		_		
assignments, and charges of collection -	3,82,84, 936	3,57,40,499	3,88,11,615	3,91,17,169
Total revenue and receipts				
Ráp.	3,82,84,936 3,82×,493	3,87,40,499 3,874,049	3,88,11,613 3,881,161	3,91,17,169 3,911,717

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Heads of Ex- penditure.	1845-46.	1846-47.	1847-48.	1848-49.
	Rapest.	Rupon.	Rupess.	Rupes.
Civil and poli-	36,86,567	37,12,536	37,88,912	38,80,719
Judicial and police do. Military and	34,48,042	\$5,09,531	31,76,699	34,25,903
miscellaneou. do. Interest on debt	2,96 ,98,756 7,51,683		2,81,43,579 5,74, 22 7	2,65,51,705 5,04,97±
Total charges Rep. Do. L.	3,75,85,048 3,754,504	3,67,95,925 3,679,592	3,59,83,417 3,596, 3 41	3,43,62,612 3,436,261
Surplus of re- vence over ex- pendicure Rup.	r,99,888	19,44,574	28,28,196	47,81,557

History. — In the art. India, Bertish, will be found a table, showing the dates of the successive augmentations to the British possessions in the Rast. The city of Madras, with a territory 5 m. along shore by 1 m. inland, granted us in 1639, formed the first nucleus of our Rastern Empire. But we may here notice the chelf succesive acquisitions under the Madras presid. The Jaghire, or Chingleput, was obtained by the E. I. Comp. from the nabob of Arcot, in 1730 and 1763. In 1792, Malabar, Canara, Coimbatoor, Dindigul, Salem, the Barramahi, &c., were acquired by conquest from the sultans of Mysore; in 1800 the Balaghaut districts were ceded: and in 1801, the remainder of the nabob of Arcot's terriandin 1801, the remainder of the nabob of Arcot's terriandin 1801, the remainder of the nabob of Arcot's terriandin 1801.

Canara, Coimbatoor, Dindigui, Salem, Bie Barramani, Ac., were acquired by conquest from the suitans of Mysore; in 1800 the Balaghaut districts were ceded; and in 1801, the remainder of the nabob of Arcot's territories were added to the foregoing. (Madras Almanacs for 1844-8; Part. Rieports and Papers; Hamilton's Hindestan and E. I. Gazetter.)

Madras, a maris. city of Southern India, cap. of the above presidency, in the distr. of the same name, on the Coromandel coast, 650 m. (direct distance) S. E. Bombay, and 870 m. S. W. Calcutta; iat. 13° 4′ 43" N., long. 80° 16′ 15" R. The area of the district or collectorate of Madras is only 30 sq. m.; but its pop. in 1836-37 amounted to 630,000; and the pop. of the city and its immediate environs, within a radius of perhape 2½ m. round Fort St. George, is usually estimated at upwards of 400,000.

Madras is in all respects badly situated: it is almost wholly unapproachable by sea. "There being no indentation on the coast, nor any island to break off the surge, a heavy swell rolls in throughout the year. Vessels anchor in the open roads; the large ones keeping a mile or two from shore. The swell keeps them pitching and rolling as uncomfortably as when at sea. The danger is so great during the S. W. monsoon that vessels are not allowed to lie here for several months, and the anchorage seems deserted. Cargoes are loaded and unloaded by boats adapted for passing through the surfices, called catemarass, consist of three flattened timbers, 8 or 10 ft. long, tied together horizontally, and shaprened a little at the point. One or two men propel it with a paddle, flatted at both ends, and dip first on one side and then on the other. When no boat could live five minutes, these catemarans go about in perfect asfery. The men are often washed off, but instantly leap on again without alarm. A waterproof cap, for the carriage of letters to and from newly arrived vessels, is almost their only article of dress. The boats used are large and letters to and from newly arrived vessels, is almost their only article of dress. The boats used are large and only article of dress. The boats used are large and deep, made without ribs or timbers, of thin wide planks, warped by fire to a proper shape, and fastened together by strong twine. Against the seams straw and mud are warped by fire to a proper shape, and fastened together by strong twine. Against the seams straw and mud are fastened strongly by the twine, which ties the planks together. No nails are used, for none would keep a boat together with such thumping. The boatmen display energy and skill scarcely to be surpassed. Keeping time to a rude tune, they now take long, and now short pulls, as the waves run past; they at length push the boat forward on a foaming surf, and she is thrown upon the beach." (Malcodes 2 S. E. Instia, 1. 52.) There being no pier of any description, passengers and merchandise have all to be landed in the rough way now described.

Madras presents, from the sea, nothing to create great expectations. Only a few public buildings are visible, and not much of the town, as the site is quite level. It is, however, a noble city, and has many fine streets.

and not much or the town, as the site is quite tevel. It is, however, a noble city, and has many fine streets. Fort St. George may be considered the great nucleus and centre of Madras. It is neither so large nor so regular as Fort William? at Calcutta; but it is strong, and has as Fort William? at Cakutta; but it is strong, and has the advantages of requiring a smaller garrison, and of being easily relieved by sea. It occupies a semicircular area, rather more than ½ m. in length, by from 2 to 3 furlongs in width, in a commanding situation, immediately on the beach; and is surrounded by an esplanade traversed by roads, and shaded public walks. Within it were formerly, besides many public offices, some streets of private European dwellings, shops, and stores; but these have been mostly cleared away, and the Fort now contains only the barracks, arsenal, a bassar for the sup-

90 ft. high is erected. The merchants and tradesmen have mostly removed their establishments to the new streets, opened in the N.E. quarter of the Black-town, and along the skirts of the esplanade. The Black, or native town, which is N. and N.E. the fort and esplanade, is well laid out, and is defended by a substantial brick wall. "The bouses are far better, at an average, than those of the natives in Calcutta. Though there are not so many fine residences of rich sensors as in that city, there are some scarcely surpassed in elegance by any in America." (Malcolm, i. 54.) It has probably been improved of late years. Hamilton, in his E. I. Gazeteer says, it is irregular and confused, being a mixture of brick and bamboo houses, and makes a better appearance at a distance, than when closely inspected. A fine range of public edifices, including the custom-bouse, office for the Board of Trade, court-house, granary, and many store-bouses, &c. forms its frontage towards the beach, protected from the fury of the surf by a breakwater of massy stones. The front of this terrace, and the drives on the esplanade, form the chief promenades of the in-babitants.

on the esplanade, form the chief promesades of the inlabitants.

Madras differs from Calcutta, in having properly no
European town, except the few houses within the fort.

Most of the European settlers reside in suburban
houses, and repair in the morning to their offices in
the Black-town, returning in the afternoon. Their residences are chiefly on the Choultry plain, a large
extent of surface, S.W. of the fort, and separated from
it by the river Triplicane, which, in the neighbourhood
of the city, is crossed by numerous bridges. The houses
all stand in large plots of ground, shaded by trees, and
divided by hedges of bamboo or prickly pear. Few are
of more than one story, but they are in a pleasing style
of architecture, having their portices and verandahs
supported by stucceot pillars. According to Heber, the
rooms are not quite so large as those of the houses in
either Calcutta or Bombay, but they are more elegant
and agreeable. On the Choultry plain, near Fort
St. George, is the governor's residence, a large building, with a spacious banquetting-ball; but opinions
vary greatly as to its architectural merit. Heber
says, it has some bal paintings of Coote, Cornwallis, Meadows, &c., and one good one of Sir
R. Strange, but all are fast going to decay from the
moisture of the sea-breeze. Near it are the Chepauk
Gardens, in which is the residence of the Nabob of the
Carnatic; and adjacent to these, is a mosque of greystone, with 5 arches in front, and 2 handsome minarets. Gardens, in which is the residence of the Nabob of the Carnatic; and adjacent to these, is A meaque of greystone, with 5 arches in front, and 2 handsome minarets, the only Mohammedan structure of any note at Madras. The descendants of the former Portuguese inhabitants chiefly reside at San Thomé, a suburb on the shore, about 3 m. 8. from the fort, with a small cathedral, and 2 neat chapels under the charge of a Portuguese bishop, and a few priests from Goa. The Protestant places of worship are 8t. George's cathedral on the Choultry plain, 4 other episcopal churches and chapels, a Scotch and an Armenian church, and Independent, Wesleyan, and Unitarian chapels. There are also 3 Rom. Cath. churches. The number of native Christians is, however, stated to be very small, though increasing. There are male and female orphan asylums, many schools, and other charitable institutions, conducted in a manner that has been highly eulogisted; and numerous missionary establishments, both European and American.

and numerous missionary establishments, both European and American.

Madras is the seat of all the chief government offices for its presidency, of the supreme court, a board of revenue, marine board, &c. In consequence of its unfortunate maritime position, it has less foreign trade than the capitals of either of the other presidencies. Its commerce is still, however, considerable, as it is the principal emporium of the Coromandel coast, and trades direct with Great Britain, and other European countries, the United States, the Switze, China, the Eastern Islands, the Birman Empire, Calcutta, and Ceyion. The principal articles of import are rice, and other grain, chiefly from Bengal; cotton piece-goods, fron, copper, spelter, and other British manufactures; raw silk, from Bengal; cotton betel or areca nut, gold dust, tin, and pepper, from the Malay countries; and rice and pepper from the coast of Malabar, with teak timber from Pegu. The exports consist of plain and printed cottons, cotton-wool, indigo, salt, Ceylon pearls, chank shells, tobacco, soap, natron, some dyeing drugs, and coffee, from the table land of Mysore, the quantity of which is increasing. The great staples of sugar, rice, oplum, saltpetre, and lac dye, of such importance in Bengul, are hardly known as exports here. The importation of sugar from foreign countries is prohibited at Madras. (See Report on E. India Producc, 1840.)

In Madras roads, large ships moor in from 7 to 9 fa-

Colliners is principle.

India Produce, 1940.)

In Madras roads, large ships moor in from 7 to 9 fathoms, with the flagstaff of the fort bearing W. N. W. 2m. from shore. From Oct. to Jan. is generally considered

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the most unsafe season of the year, in consequence of the prevalence of storms and typhoons. On the 15th of Oct. the flagstaff is struck, and not erected again till the 15th of Dec., during which period a ship coming into the roads, or, indeed, any where within soundings on the coast of Coromandel, vitiates her insurance. The light within the fort may be seen from the deck of a large ship at 17 m. distance, or from the mast-head at a distance of 26 m. By the port regulations, no articles are to be shipped or landed without a permit, or after 6 P.M. Any merchandise attempted to be landed without the prescribed forms, or that is not entered in the manifest, is liable to double duty; and where a fraudulent in tention shall appear, to confiscation. All goods (except on account of the E. I. Company) are to be shipped or landed at the ghaut opposite to the Custom-house, or pay double duty, Goods exported in British or native vessels are exempted from duty, but they must, nevertheless, pass through the customs' books. the most unsafe season of the year, in consequence of the

pass through the customs' books.

Meat, poultry, fish, and other provisions, are to be procured for shipping at Madras, but they are neither so good nor so cheap as in Bengal. Wood and fuel are rather scarce, and dear in proportion. Water is of very good quality. On account of the dearness of provisions, wages are considerably higher than at Calcutta, and comparatively few servants are kept. The style of living is much the same in Madras as at Calcutta, but visiting is not carried on upon so extensive a scale. In the cool in the cool of the pantheon, a bald in the Pantheon, a is much the same in Madras as at Calcutta, but visiting is not carried on upon so extensive a scale. In the cool season monthly assemblies are held in the Pantheon, a building erected in the suburb of Vepery, and occasional balls take place throughout the year. During the cool season, also, races are held at St. Thomas's Mount, about 7m. from Madras. The road to the racecourse is certainly the finest in India, and shaded by trees through its whole length. At the foot of Mount St. Thomas is the principal cantonment for the artillery of the Madras army, with a noble parade ground, considered one of the best military stations in S. India.

Madras experiences less extreme heat than Calcutta.

best military stations in S. India.

Madras experiences less extreme heat than Calcutta, taking the average of the year, though so much nearer the equator. The minimum temp. in Jan. 1837, was 850 Fah.; the maximum in May of the same year, 990: the mean annual temp. was 8170. Several extensive tanks and some swamps surround the city and its territory; but Madras is not said to be particularly unbealthy.

The territory on which Madras is situated formed the

healthy.

The territory on which Madras is situated formed the first acquisition made on the continent of India by the British, who obtained it by a grant from the rajah of Bijnagur in 1639, with permission to erect a fort thereon. The latter, which was forthwith bullt, was besieged in 1702 by one of Aurengzebe's generals; and in 1744 by the French under M. de la Bourdonnais, to whom it surrendered after a bombardment of three days. It was restored to the English at the peace of Alx la Chapelle, and sustained, with credit and success, a memorable slege by the French under Lally in 1788-9; since which it has experienced no hostile attack. (Hassilton's E. I. Gas.; Modern Traveller, x.; Malcolm's Travels in S. E. Asia; Modras Almanack; Parl. Reports; Commercial Dict., &c.)

M A ID RID. a celebrated city, and the modern

MADRID, a celebrated city, and the modern MADRID, a celebrate-1 city, and the modern cap. of Spain, in the centre of the kingdom, on the Manzanares, a tributary of the Tagus, 39 m. N. by R. Toledo, the former cap., 320 m. R.N. E. Lisbon, and 400 m. S. W. Bayome; lat. 400 20° N., long, 30° 33° 1.5° W. The estimates of the pop. differ very widely; but Mados, who has carefully inquired into the matter, states that it may be taken as amounting in 1847 to about 225,000, Oliccionario Geografico, &c. x. 593). This city, which till the time of Philip II. was little more than an obscure country town, stands in a stony barren district, more than 2,000 ft. above the sea, having no navigable river near it, and scarcely any potable water, and being, at the same time extremely cold in winter and unbearably hot in summer; the thermometer, at the firmer season, falling to 18° and during the latter, rising to 110° or 115° Fahrenheit. The variableness of temperature, combined with the prevalence of piercing E. and N. E. winds, during the greater part of the year, renders the climate very unhealthy, and especially prejudicial to persons threatened with pulmonary complaints some thousands of whom are said to have died during the winter of 1829-30. (Cool's Sketckes, 1.176.) All authors, indeed, agree that it would have been difficult to fix on a more unfavourable site. "From the Somo-Sierra," says inglis, "to the gates of Madrid, a distance of nearly 30 m., not a tree, garden, nor country house, is to be seen, excarcely an isolated farm-house or cottage, and only three or four very inconsiderable with geeds and stones. In the midst of this desert with weeds and stones. In the midst of this desert cap. of Spain, in the centre of the kingdom, on villages. In e isno is chieff producing grain is mostly covered with weeds and stones. In the midst of this desert stands Madrid, which is not visible more than two leagues' distance. From this side it appears small and not striking; and although we may count upwards of

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50 spires and towers, none are so elevated or imposing as to awaken curiosity, like that felt on first discovering the towers of churches in other Spanish cities. Even a m. from the gate, the traveller might still believe himself to be 100 m. from any habitation: the road stretches away, speckled only by a few mules; there are no carriages, no horsemen, scarcely even a pedestrian; there is, in fact, not one sign of vicinity to a great city." (1. S3.)

It occupies a space of nearly 4 sq. m., on a slope inclining S.S. W. towards the Mansanares, usually an insignificant stream crossed by two magnificent bridges, the size and beauty of which contrast so strongly with the river beneath as to have given rise to the saying that "the kings of Spain should sell the bridges, and purchase water with the money." The river, however, sometimes swells to a great helpit, and pours down a magnificent volume of water. (Siciaburus, ii. 184.) The town is surrounded by a shabby brick wall, in which are 15 stone gates, the handsomest being those of Alcala, San Vincente, and Toledo. The interior comprises an old and a more modern quarter, the former, built before Madrid, was the metropolis of Spain. The k. and more modern part is certainly not devoid of beauty; and its wide and well-paved streets, lined with handsome and lofty houses, chiefly built with brick and grey granite, the extensive and well-planted walks, the squares with their elegant fountains, and the many large and well-built public edifices, remind the traveller that he is in one of the finest, though perhaps the dullest, capitals in Europe. The best entrance to the city is by the Saragossa road, through the gate of Alcala, a noble lonic structure, with the three arches, the central well-built public edifices, remind the traveller that he is in one of the finest, though perhaps the dullest, capitals in Europe. The best entrance to the city is by the Saragossa road, through the gate of Alcala, a noble Ionic structure, with three arches, the central one being 70 ft. high. Within the walls, right and less, is the long, wide Prado, with its rows of trees stretching in fine perspective for more than and in front is the Calle de Alcala, reaching into the heart of the city, is m. in length, wider than Regent Street, and flanked by a splendid range of unequal buildings, but all of large size, and good proportions. At its end is the great centre, in which most of the better streets terminate, and, now at least rather inappropriately, designated the Puerra de Sol. Here, close to the Bolsa, or exchange, is the great morning rendezvous, either for business or pleasure. The best streets uniting in this point are the Calle Mayor, the Calle de la Montera, and the Calle de las Carrera de San Gerosime is the direct road to the gardens of the Buen Retiro. Among the squares of Madrid, the largest, with the exception of the space fronting the palace, is the Plaza Mayor, a rectangular area, 430 ft. in length, and 330 ft. broad, surrounded by a uniform range of stone buildings, 5 stories high, the lower part being open in front, and supported by pillars forming a handsome colonnade. The chief streets running into it are those of Atocha and Toledo, the latter passing through the Plaza de Cebeda (formedy) the place of execution for criminals), and through the gate to the bridge of its own name. None of these streets, however, will bear any comparison with the Calle de Alcala: many are good, and very many respectable, tolerably wide, and formed with lofty and well-built houses; but there is no other magnificent street. The bye-streets are narrow and crooked, especially in the S.W. quarter, where decay of material, closeness of building, and extreme filth, are the almost unvarying characteristics.

Among the public

Among the public buildings, the most conspicuous is the royal palace, occupying, with its gardens, a space of nearly 80 acres, on the E bank of the river. It stands on nearly su acres, on the E bank of the river. It stands on the site of the old Alexar of Philip II., burnt down in 1734, and has 4 fronts of white stone (each 470 ft. in length and 100 ft. high), enclosing a spacious quadrangle. The interior is fitted up in a style of costly magnificence, perhaps not surpassed in any palace of Europe. The ceilings are chiffs drawner of Mengs, Velasquez, Corrado, and Thepolo; the richest marbles of Spain adorn its walls, and the rooms are hung with unfaithers he the hast martans and are cheft-d'custre of Mengs, Velaquez, Corrado, and Hepolo; the richest marbles of Spain adorn its walls, and the rooms are hung with paintings by the best masters, and noble mirrors from the manufactory of St. Ildefonso. (Suriabserse, ii. 168-177.) Many of the best pictures, however, have been removed to the royal picture-gallery in the Frado. Its armoury is especially curious, and presents numerous specimens of arms and acoutrements taken from the Moors by Ferdinand the Catholic and his victorious generals. (Sir C. Brooke, ii. 295.) The other chief public buildings are—the custom-house, a handsome range of building, 320 ft. in length; 'the Buena-vista palace, now used as a museum of civil engineering; and the polace of the council of Castile, in the Calle de Alcala; the post-office, in the Puerta del Soi; the king's printing-office, in the Calle de las Carretas; the duke of Lirias palace, containing a fine collection of pictures, near the gate of St. Bernardino, in the N. quarter of the city; the palace of the duke of Berwick; and the national gallery, in the Prado. Madrid, though a bishop's see, has no cathedral; but there are 67 churches; among which, however. the churches of San laidro and the MADRID.

Visitation are alone worthy of notice, the rest being externally and internally barbarous. "No mad architect," says Swinburne, "ever drasmt of a distortion of members so capricious, of a twist of pillars, cornices, or pediments so wild and fantastic, but that a real sample of it may be produced in some one or other of the churches of Madrid. They are, with two or three exceptions, small and poor both in marbles and pictures. Their altars are piles of wooden ornaments heaped up to the ceiling and stuck full of wax-lights, which more than once have set fire to the whole church." (Swinbarne, il. 164.) Previously to 1834 there were 66 convents; but several have since been pulled down to when the streets, while others have been converted to different and, no doubt, more useful purposes than the maintenance, in pampered idenous, of hundred of dissolution mod dust, more useful purposes than the maintenance, in pampered idenous, of hundred of dissolution mod dust, more useful purposes than the maintenance, in pampered idenous, of hundred of dissolution mod dust, and fashionably attended, especially on Sunday, as Hyde Park in London. It is nearly in hong, and comprises a broad walk, called the salon, flanked by several of less width, thickly shaded with elim trees: contiguous to it is the garden of the Buca Retiro, the palace of that name having been demolished; and still further S. are the shady gardens called Les Delicias, leading to the Canal de Manxannes, which was once intended to connect Madrid with the Tagus at Toledo. These walks, in the afternoons of autumn, are crowded with the most respectable inhab, nor can any better idea of the out-of-door appearance of the pope be got than by observing them on the Prado. In the spring, however, the scene is varied by visits to Aranjuez, a beautiful park near the Tagus, forming a verdant oasis in the midst of a desert. "The laddes," says Quin (p. 114.) "wear, with few exceptions, black slik dresses and shawls, or rather mantillas, of various colours, while their head dress

particular of the Italian schools, and about 200 of the Flemish school; and in the Sade Reserveds are several cheft-d'esseve of Titian and Rubens. A full description of these pictures is given by Inglis in ch. vl. vl. of his valuable work; also by Cook, vol. 1. 166—170. Derveral newspapers are now published at Madrid, many of which are violent and abusive in the expression of their political sentiments; but few are sufficiently well conducted to exercise much influence on the public mind. The reprinting of Spanish works has been during some years conducted with great spirit, and translations have been made of popular English and French novels, scientific and elementary works, &c.; and many light writings, with a few more solid productions of unquestionable talent by Castillans of our own day, indicate a gradually increasing taste for literature, which, however, is far from general, even among the better classes.

The theatrical amusements of Madrid are confined to two small establishments, managed by the aynutamiento or city council. At these theatres, called the Testro de la Crass and the Testro del Principe. Spanish comedy and Italian operas are indiscriminately represented: the musical department is on the whole well conducted: the plays are of the most trifling description, more resembling low farces than regular comedies; but, at any rate, they represent pure and unadulterated pictures of the intrigues and low life of Spain, and exhibit a truth and spirit unknown on any other stage. A large theatre, begun some years ago near the palace, has not been completed. The great and all-absorbing amusement, however, of the people of Madrid (called by their countrymen Madri-Lrao), is the bull-fight, held on the Monday afternoons during the season, in a large open amphitheatre, outside the gate of Alcala. Monday in Madrid is always a kind of holyday, and in the afternoon all the arenue leading to the bull-ring are in commotion: the street of Alcalais filled throughout its whole extent with a dense crowd of la ranks,

in Paris, leads money on security, with this unservince, that at Madrid no interest is taken, the expense of the establishment being borne by the government.

Madrid has scarcely any manufacturing industry, nor is it possible, from its situation, at a distance from any navigable river, and in the midst of a stony, unproductive desert, that it can, in this respect, materially improve, even if that love of the doice far micrate should be given up, which seems to be the summus bomem of the Madridenian. As it is, the workmen of the sity are Catalans, Valencians, Aragonese, Asturians, and Galicians: in short, every article in Madrid, whether of manufacturing or farming industry, is exotic. Its fruit comes from a distance of 50 m., butter from Aragon, oranges and lemons from Valencia, and dates from Murcia. A manufactory of porcelain and another of carpets are carried on at the expense of the government, and, most probably, with as little profit as the mirror manufactory at 8t. Ildefonso and the saltpetre works described oy Townsend, as entailing a heavy annual loss (vol. 1. p. 269—278.).

The consumption of Madrid, in

1825, is stated, by Inglis, to have been as follows:—230,000 sheep, 12,500 oxen, 70,000 hogs, 800,000 bushels of corn, 18,000 bushels of salt, 2,417,357 arrobas of charof corn, 18,000 bushels of salt, 2,417,357 arrobas of charcoal, 4,800 arr. of oil, 13,250 arr. of soap, and 500,000 arr.
of wine. (The arroba is equal to 25 bs. avoird.) The
price of provisions, and the general expenses of living,
are very high, in consequence of the necessity of bringing
almost every article from a distance, and the want of
water carriage. The markets are well supplied with
meat, poultry, and vegetables; but fish and milk are
scarce. Beef and mutton are sold at about 44d. the lb. of
4 oz. veal fetches 74d. and pork 5d. per lb.; bread of the cearce. Beef and mutton are sold at about 44d. the lb. of 14 oz., veal fetches 73d., and pork 5d. per lb.; bread of the best quality (and finer can nowhere be had than in Madrid) is 34d. per lb., ordinary wine of La Mancha about 6d. the arroba (44 gallons). Fowls are sold from 2s. to 2s. 6d. the couple, ducks at 2s. each, geese at 3s. 6d., and turkeys from 4s. to 10s., according to the season. Coffee is about one third cheaper than in England; but tea and sugar are scarce, dear, and bad. Fruit is abundant, and very chap. Fuel is one of the most expensive articles, and lodgings fetch as high rents as those in the best situations in London.

situations in London. The state of society in Madrid will be best learnt from viewing the habits of the middle classes; for, in-The state of society in Madrid will be best learnit from viewing the habits of the middle classes; for, indeed, it is next to impossible for a stranger, even with good introductions, to know enough of the aristocracy to form a correct judgment of their domestic habits, owing, we believe, in a great measure, to the general poverty, which, with the high rate of living in Madrid, is a very effectual bar to hospitality. Almost all families, except those in the very highest ranks, live as in Paris and Edinburgh, in stories or flats, each story being a distinct house. The outer door, which is of enormous strength, has a small window or grating, with a silding shutter, and the usual salutation from the porter, when one rings for admittance is Quien ceP—to which the proper reply is Gente de pac (people of peace); and the door, in ordinary cases, is opened. This precaution of surveying strangers before admission is, perhaps, attributable to a feeling of personal insecurity, consequent on bad government and religious persecution. A suite of apartments usually consists of a large, well-lighted, and respectably-furnished saloon, with a recess on one side, in which is a bed, wholly unconcealed, and without curbad government and religious persecution. A suite of apartments usually consists of a large, well-lighted, and respectably-furnished saloon, with a recess on one side, in which is a bed, wholly unconcealed, and without curtains: and at another side is a door-way leading into a smaller chamber, similarly furnished to that just described. The lady's boudor is always handsomely decorated; and the worst rooms in an establishment are invariably the library or study, and the dining-room, both of which are small, and wretchedly furnished. The mapartments are always kept remarkably clean. The manner of living in Madrid is somewhat more generous than in the N. provs. A rather rich soup is usually added to the everlasting olla, or cochido, which is much better made and more highly seasoned than in the rest of Spain*; and dinner is always followed by cakes, sweet-meats, and fruits, accompanied by a moderate supply of Valdepeffas and other good native wines. The inhabs., except the tradespeople, rise late, and breakfast on chocolate between 10 and 11. Lounging, reading, or a stroll to the cafe (where, however, they spend nothing) occupies the meo, dressing and visiting the ladies, till dinner (about three), after which follows the siesta, as eason of almost universal repose in Madrid. The shops them are either shut, or a curtain is drawn before the door: the shutters of every window are closed; scarcely a respectable person is seen in the streets; the stall-keepers spread cloths over their wares, and go to sleep; groups of the poor and idle are seen stretched in the shade; and even the Gallician water-carriers, selzed with the general drowsiness, make pillows of their water-casks. The siesta over, the ladies sit in the balconles, and the general drowsiness, make pillows of their water-casks. The siesta over, the ladies sit in the balconles, and the general drowsiness, make pillows of their water and go to sleep; groups of the poor and idle are seen stretched in the shade; and even the Gallician water-carriers, selzed with less sensual, is more lasting than in Italy . and intrigues

⁸ The curious reader is referred to Sir A. C. Brooke's entertaining travels through Spain and Morocco (il. 245.) for a recipe for making this fish in its different varieties.

are usually carried on unknown to the husband, who is generally too proud to connive at his wife's dishonour. Sexual immorality is common also among the lower orders; but there is not that drunkenness, brutality, and insolence which characterise the canaille of Pa and insolence which characterise the canaille of Paris and London; and the stranger may now walk about the streets in any part of Madrid without fear of being stabbed or plundered, a circumstance attributable more to the improvement of the lower orders than to the excellence of the police, which certainly deserves no eulogium. (Swinburne, ii.; Inglis, i. 55—240.; Quim's Tranets in Spain; Cook's Sketches of Spain in 1823–33, vol. 1. c. 8.; Caliano's Lectures on Spain. Lt. in the Athenaeum of 1834. Journ of Educ vol. 14. c. and Printers of State vol. 14. c. and 14. vol. i. c. 8.; Galiano's Lectures on Span. Lit. in the Athenaum of 1834; Journ. of Educ., vol. ix.; and Private Information.)

Madrid occupies the site of the ancient Mantus Car madrid occupies the site of the ancient manuse car-perianorum, a fortified town belonging to the Carpetani. It was afterwards called Majoritum, was taken and sacked in 1109 by the Moors, who gave it its present name. Henry III. repaired and enlarged it at the be-ginning of the 18th century, and Phillip II. made it the capital of Spain. Its subsequent history to the time of the French war is unimportant. On the 22d of March

ginning of the 1stn century, and rhill it mae it the capital of Spain. Its subsequent history to the time of the French war is unimportant. On the 22d of March the city was entered by the French troops under Murat, and the royal family was induced to remove into France. Joseph Bonaparte was then made king; but both he and the French army were, two months afterwards, obliged by the linhabs., who rose in a body, to evacuate the town. In the December following, Madrid was occupied by Napoleon in person, and his brother Joseph was reinstated. The English troops occupied it for a short time in 1812, and it was again visited in 1823, by the French under the Duc d'Angoulème.

MADRIDEJOS, a town of Spain in New Castile, prov. La Mancha, 39 m. N.N.E. Cludad Real, and 65 m. S. Madrid. Pop., according to Mifiano, 6,900. It is situated in an extensive and exposed plain on the great road from Madrid through Aranjuez to Jaen and Granada, the neighbourhood being rendered not only unhealthy, but also, in some parts, unproductive by the inundations of the Amarguillo, which often greatly injure the town and deprive the people of their means of support. The only public buildings are 3 par. churches and an hospital; nor are there more than a dozen good houses in the place. A manufactory of serge is the only branch of industry in the town; but the neighbourhood is "mimost a population of beggars," and states that the agriculture of this district is in the lowest state, a great part of the soil being poor and barren, while the indolence and absurd prejudices of the farmers render the rest all but unproductive. (Vol. ii. p. 12.)

MADURA and DINDIGUL, a collectorate of British India, presid. Madras, prov. Carnatic, near the S. extermity of Hindostan, between lat. 3º and 10º 45° N., and long. 77° 10° and 79° 10° E., having N. Trichisopoly and Collebator. W. Cochin and Trayancere. S. Tinne, and Collebator.

MADURA and DINDIGUL, a collectorate of British India, presid. Madras, prov. Carnatic, near the S. extremity of Hindostan, between lat. 9° and 10° 45′ N., and long. 77° 10° and 79° 10° E., having N. Trichinopoly and Colmbatoor, W. Cochin and Travancore, S. Tinnevelly and the Gulph of Manaar, and E. the latter and Tanjore. Area 7,856 sq. m. Pop. (1836-87) 1,135,411, chiefly Hindoos of the Sudra caste. The N. and W. parts of this district are mountainous, the S. and E. level. The hilly parts are interspersed with fertile vallers, the principal being that of Dindigul; but the plain country of Madura is by far the most productive portion of the surface. It is intersected by the river Vighey, which rises in this district, and after a course eastward for about 15° m., falls into the Gulph of Manaar. A few swamps exist on the shore. The island of Ramisseram belongs to this district. The climate of the hills is cool and healthy, but the wind often blows with great violence: in the S. It is much warmer, the temp. In April and Mayranging between 70° and 88° Fahr. Different kinds of paddy are grown in the low country, irrigation being there facilitated by plenty of streams and tanks; the husbandry is tolerably good, though not so perfect as in Tanjore. In Dindigul, the dry culture is to the wet as 4 to 1; and the inhab. are in much less comfortable circumstances than those of the S. Property is much subdivided; some individuals occupy only the 20th part of an acre, and few have more than 135 acres. Madura is celebrated for its plece goods, and its dyers; and its arisans in gold, silver, &c., are in many places much above mediocrity. Its chief exports are pie@e-goods, cotton, paddy, and chanks; its chief imports, betel nut, chay root, cocoa nuts, and oil seeds. The roads, bridges, and other public works in this district is supposed to be the Regis Paradionsis of Ptolemy, having been anciently governed of Southern India. It has numerous fine temples, and other monuments of former Hindoo grandeur. It was transferred to the Br

MADURA, a town of S. Hindostan, cap. of the preceding

district, on the Vighey, 126 m. N.N.E. Cape Comorin, and 270 m. S.W. Madras: lat. 9° 50' N., long. 78° 14' E. It is surrounded by a bastioned but dilapidated stone wall; streets wide and regular, public edifices magnifi-It is surrounded by a bastioned but dilapidated stone wall; streets wide and regular, public edifices magnificent, but private dwellings mean and wretched. It has some of the most extraordinary specimens of Hindoo architecture extant. The palace is a vast pite, with a dome 90 ft in diameter; but it is much dilapidated: the great temple, with its specious areas, choultries, and 4 colossal porticoes, each a pyramid of 10 stories, covers an extent of ground almost sufficient for the site of a town. In front of the latter is a celebrated choultry, or inn, 312 ft. in length, ornamented with polished green stone columns, and grotesque sculptures. During the Carnatic wars, from 1740 to 1750, Madura underwent many sleges. The British civil station, and seat of the collector, &c., is in a pleasant situation, about 1 jm. 8. the town. (Hamilton's E. I. Gas.; Madras Almanacta, 1838-39.)

MADURA, an island of the Eastern Archipelago, immediately adjacent to the N.E. coast of Java, with which island it is politically included, under the Dutch government. (See Java.)

MAESE. See MEUSE.

MAESTRICHT (an. Trajectus ad Mosem), a fortified town of Holland, prov. Limburg, of which it is the cap, on the Maese, 14 m. N. by E. Liege, and 57 m. E. Brussels; lat. 50° 51' 7" N., long, 5° 41' E. Pop., in 1848, 82,000. It is one of the strongestowns in Holland, being defended by numerous bastions, trenches, &c.: it is well built, with wide, clean, and well-paved streets. The market is held in the great square, the centre of which is occupied by the h&tel-deville, built in 1652, and said to be one of the finest structures in the kingdom: the place d'armae is also a fine-pen space planted with rows of trees, and much fre-

wille, built in 1652, and said to be one of the finest struc-tures in the kingdom: the place d'ermes le also a fine open space planted with rows of trees, and much fre-quented as a promenade. Among the other public build-ings are comprised the exchange, the church of St. Ser-vals, the ci-derans college of Jesuits, the arsenal, and the vans, the cr-arranz college of Jesuita, the arrenta, and the theatre; and in the town are 10 churches, 2 hospitals, 2 orphan-asylums, a lazaretto, athenaeum, fine public library, and society of agriculture. Maestricht is the residence of the governor of the prov. and the seat of a court of assizes and primary jurisdiction, as well as of a chamber of commerce, and it sends 6 deputies to the States of the prov. The industry of the town comprises the manufacture of woollen cloths and flannels, cotton and woollen yarn, fire-arms, plns, starch, and tobacco; besides which there are soap-factories, tanneries, breweries, and dye-houses. A considerable trade is carried on with various pouses. A considerable trace is carried ou with various places on the Maese by means of barges, and packets ply daily between Maestricht, Liege, Namur, &c. Three large fairs are held here during the year for horses and cattle. On the other side of the river (crossed here by a stone bridge) is the citadel or fort of Petersherg, in the suburb of Wyk, famous for its extensive subterranean stone quarry, containing numerous intricate galleries and passages, and abounding with curious marine and saurian lossils, some specimens of which may be seen in the museum of the Jardin des Plantes at Paris. (Vander-

museum of the Jardin des Plantes at Paris. (Vandermatien, Dict. de Limberg, &c.)

MAGDALENA, a river of S. America, and next to
the Orinoco the principal in the republic of New Granada, through the centre of which it flows, from S. to
N., through 9 deg. of lat. It rises in the small lake of
Papas, in the Andes, about lat. 2° N., and long. 76° 26'
W., and runs for at least 500 m. between the middle and
E. chains of the Cordillera. Its entire course may be
estimated at about 800 m.: it enters the Carlibtean Sea
about 65 m. N.E. Cartagena, and 40 m. S.W. Santa
Marta. Its principal tributary, the Cauca, flows between
the central and W. chains of the Cordillera, and joins it
from the W., between 150 and 200 m. from its mouth. Its
other affuents are the Sogamosa, Sesar, and Bogota. from the W., between 150 and 200 m. from its mouth. Its other affluents are the Sogamoza, Sesar, and Bogota. The towns of Naya, Honda, and Monpox are on its banks. The descent of the Magdalena is said to be as much as 20 inches a mile (Dict Géog.); and the strength of its waters is such, that they preserve their freshness to a considerable distance from its mouth. The Magdalena is navigable as far as Honda, in lat. 59 14' N., near which the navigation is interrupted by cataracts; but its rapidity is such, that a distance of 10 leagues a day is reckoned very good progress in ascending the river, for a champes, or flat-bottomed bost, manned by 24 bogas, or rowers. The oppressive heat of the climate, the abundance of caymans, and the swarms of musquitos and other insects that infest the river, contribute to render the navigation both dangerous and unpleasant; but the Magdalena is, not withstanding, the main route for the commercial and other intercourse of the inland prov. of New Granads with the ocean.

Granada with the ocean Granada with the ocean.

MAGDEBURG, a fortified city of Prussian Saxony,
of which prov. it is the cap., on the Elbe, 74 m. S.W.
Berlin, and 50 m. E.S.E. Brunswick, lat. 52° 8′ 4″ N.,
long. 11° 39′ 46″ E. Pop. in 1845, with its suburbs (ex.
garrison), 55,516. Magdeburg is a fortress of the first
class, and from the augmentation and improvement of
its defences since the war, it is now considered one of the

strongest in Europe. The citadel, on an Island in the Elbe, serves also as a state prison, Baron Trenck and Lafayette having, among others, been confined in it. Magdeburg is divided into the Old town, with the suburb Friedrichstadt, together composing the ancient fortrens; and the New town and suburb of Suderburg. The latter, however how he have for the roat invertible. fortress; and the New town and suburb of Sudenburg. The latter, however, has been for the most part surrounded with walls, and the fortifications are now so extensive that it is said it would require an army of 50,000 men to invest the city. Magdeburg has one good and spacious street, called the Broadway; but all the other streets are narrow and crooked. There are two large nublic souares, in one of which is the cathedral. This, spacious street, called the Broadway; but all the other streets are narrow and crooked. There are two large public squares, in one of which is the cathedral. This, which is one of the finest Gothic structures of N. Germany, was erected between 1811 and 1863, and has been recently repaired at a cost of 300,000 dollars. It has two towers, each 340 ft. in height, a lofty vault, a handsome high altar, and numerous tombe and monuments, among which is that of Otho the Great and his empress. Magdeburg has in all 12 churches, one of which is for R. Catholics, a synagogue, an ecclesiastical seminary, a female high school, or royal boarding house for the education of girls, a teachers' seminary, with schools for agriculture, commerce, surgery, &c.: 5 hospitals, a lunaic saylum, a workhouse, a humane institution, a savings' bank, and various charities; an arsenal, extensive barracks, and other military establishments; several

agriculture, commerce, surgery, &c.: 5 hospitais, a itanta saylum, a workhouse, a humane institution, a savings' bank, and various charities; an arsenal, extensive barracks, and other military establishments; several public libraries, and a theatre. It is a bishop's see, and is the seat of the government, of the board of taxation, the superior courts of justice, the council, and the military commandant of Prussian Saxony. From its position on the Eibe, it is an important entrepot for the merchandise imported into and exported from the central parts of Germany that river. In other respects, also, it is very favourably situated for commerce. A canal, commencing about 20 m. below the city, connects the flavel with the Eibe, giving Magdeburg a direct water communication with Berlin and Frankfort on the Oder; and it is also the centre of a number of great roads which lead to all the cities and towns of importance within a radius of 50 m. Its manufactures, which are pretty considerable, consist of silk, linen, cotton, and woollen fabrics; oil-cloth, hats, gloves, tobacco, soap, earthenware, refined sugar, chicory, rinegar, &c., with numerous tanneries, breweries, and distilleries. A large quantity of salt is made in its neighbourhood. It has several native banking establishments, and a branch of the royal bank of Berlin, Several newspapers are published in the town; which has uniformly an air of bustle and activity.

Magdeburg was repaired by Chothe Great. It has suffered numerous sleges. In [63] it was taken by assault by the Imperialist under Tilly, by whom it was given up to military execution, and was nearly burned to the ground. It is the birthplace of the celebrated natural philosopher Otto de Guericke, and of the poet Schultz. (**Pox*Zeditz*, Länder*, &c. iv. 655, 656.; \$tein Handb.)

MAGELHARNS (STRAIT OF), a strait at the 8. extremity of 8. America, separating Patagonia from Tierra del Fuego, Clarence Island, and the Isle of Desolation. It extends from Capes de las Virginas and Bapiritu Santo, on the Atlante

ginas and Rspiritu Santo, on the Atlantie, to Capes Vic-toria and de los Pilares, on the Pacific Ocsan, a distance of about 300 m., having a breadth varying from 14 to 40 m. It has an additional communication with the Pacific by Cockburn Channel and Magdalen Sound. Its Pacific by Cockburn Channel and Magdalen Sound. Its shores are lofty and generally rugged, and its depth is in some parts very great, no bottom having been found with upwards of 1,500 ft. of line. Some safe and excellent bays communicate with it; but, generally speaking, its passage is extremely dangerous, both from the violence of the currents and the sudden and heavy tempests to which it is subject. It was discovered by Magelhaen, a famous Portuguese navigator in the service of Spain, in 1890. Drake traversed it in his vorage round the world; and it has since been frequently explored by British navigators.

world; and it has since been frequently explored by British navigators.

MAGGIORE (LAGO DI), or Lake of Locarno, (an. Lacus Verbesses), a famous lake of N. Italy, lying partly between Piedmont and Lombardy, and partly within the Swiss canton of Tessin. It is long and narrow, stretching above 40 m. from Magadino at its N., to Sesto-Calende at its S. extremity, while in its widest parts, opposite to the mouth of the Toce, it is about 6 m. acrospout its ordinary breadth does not exceed from 2 to 3 m. Its general direction is S.S.W. and N.N.R., and it may, in fact, be considered as an expansion of the Tessino, Its general direction is 8.8.W. and N.N.R., and it may, in fact, be considered as an expansion of the Tessino, which enters it at its N. and leaves it at its S. extremity. In addition to the Upper or N. Tessino, it receives on its W. the waters of the Toce, and on its R. side those of the Tress, flowing from the Lago di Lugano. Its only outlet is the Lower or S. Tessino. In some places it is not less than 300 fathoms deep; its waters, which are clear and of a greenish tinge, are well stocked with fish; and, like all Alpine lakes, its navigation is dangerous from sudden squalis.

S. 4. The acenery of the Lago Maggiore is very varied. That of the upper part is bold and mountainous, its northern branch opening into one of the most beautiful valleys of the Rhettan Alps, which form a magnificent amphitheatre in the back ground. Towards the E. and S., the mountains gradually decline to the plain of Lombardy; and the lower part of the lake is of a more quiet and softened character, yet still very beautiful. Its immediate shores are richly fringed with wood, occasionally broken by picturesque crags, topped with castles and churches, and with numerous villages stretching along the water's edge. Though inferior in wildness ties and cnurches, and with numerous vinages stretching along the water's edge. Though inferior in wildness and sublimity to the lake of Como, and perhaps, also, to that of Lugano, the softer beauties of this lake are generally allowed to be the more attractive, contrasted, as they are, with the distant grandeur of the Alpine chain. (Conder's Italy, 1.313.)

(Conder's Italy, 1.313.)

The Borromean islands, from which this lake has derived a great portion of its celebrity, are situated in a bay, on its W. side, opposite to the mouths of the Tocc. Of these the Isola Bella and the Isola Madre, are the most famous. They are of small size, and, previously to the middle of the 17th century, were little better than bare rocks; but being the property of Count Vitaliano Borromeo, a descendant of the celebrated St. Carlo Borromeo, he resolved to make them his residence, and to convert them, according to the taste of the time; into a sort of Italian paradise. They were consequently covered with earth brought from the adjoining mainland, formed (especially the Isola Bella) into splendid terraces, lined with trees and statues, and ornamented with superb palaces. Unluckily, however, nothing is natural, all is art.

"On evry side you look, behold the wall!

No pleasing intricacios intervene,
No arritul villores to perplex the same behold

And half the platform just reflects the other

The suff-ring yes inverted nature sees,
Trees cut to statues, statues thick as trees!

Ford* Moral Resears, i wher,

For a lengthened period, however, these islands were the theme of universal admiration; but as a simpler and purer taste began to prevail, they came to be regarded with very different feelings, and have latterly, perhaps, been too much depreciated. These are now usually looked the Papelishmen at least, as little better than "quarupon by Englishmen, at least, as little better than

been too much depreciated. These are now usually loosed upon by Englishmen, at least, as little better than "quarries above ground;" and as evincing only the wealth, extravagance, and bad taste of their founder. (Eustace's Italy, vol. iv., 8vo. edit.; Simons's Italy, p. 2, &c.) MAGINDANAO, or MINDANAO, the most S. of the Philippine Islands, which see.

MAGNESIA ad Sipyisms (now MANISA), an ancient town, of some celebrity, in Asiatic Turkey. 28 m. N.E. Smyrna. Pop. according to Elliott about 30,000, of whom 4,000 are Greeks, 2,000 Armenians, and a few Jews. It is situated near the Kodus, or an. Hermus, embosomed in lills long noted for the production of loadstones, and is one of the cleanest and neatest towns of Asia Minor, being in the width of its streets, and other respects, far superior to Smyrna. The principal buildings are two mosques, with double minarcts, indicating a royal foundation, and the Interior of each is adorned with painting, lamps, ivory balls, ostriches' eggs, &c., such as are to be seen in the mosques of Constantinople. There are 28 ation, and the Interior of each is adorned with paintings, lamps, ivory balls, ostriches' eggs, &c., such as are to be seen in the mosques of Constantinople. There are 20 other mosques, and the Armenians, Greeks, and Jews have their respective places of worship. A Jewish college, lunatic asylum, and the masoleum of Amurath II are the only other public edifices, except the khans, which are numerous, and well built. The manufacture of cotton and silk goods, and goats' hair shawls, employs many of the inhab., and the town derives some importance from being on the great road between Smyrna and the interior of Asia Minor. (Elliott, il. 56—64.; Chandler, 1. 306.)

Magnesia was in all probability colonised by the Mag-nesians of Thessaly, not long after the foundation of Cyme and Smyrna, two other Eolian cities. It is celebrated as the scene of a signal victory obtained by the Romans, under the two Sciplos, over the forces of An-Bratted as the scene of a signal victory obtained by the Romans, under the two Sciples, over the forces of Antiochus the Great, who was consequently obliged to retire beyond the chain of Taurus, and leave Asia Minor at the disposal of the conquerors. The inhab, afterwards displayed great bravery in defending their town against Mithridates. In the reign of Tiberius, A.D. 17, Magnesia, in common with II other cities, was all but destroyed by an earthquake, and owed its restoration in a great measure to the emperor's generosity. Deudecinn celebres Asia wrbes collapse mocturno motu lerre; quo improvisior, graviorque petits fuit: neque solitum in tali case d'ugium subvenichai in aperia prorumpendi, quia diductis terris haurichantur. Asperrima lues in coodem miservicordiam trasit: centies sesterisius politicius Cesar et quantum erario pendebont in quinquencium remisit. Magnetes a Sipulo proximi damno ac remedio habiti. (Tac. Ann. il. 47.)

empire, but at the commencement of the 14th century

empire, but at the commencement of the 14th century passed into the hands of Sarkhan, sultan of Ionks, and finally was annexed, in 1448, to the dominions of Mahomet II., the conqueror of Constantinople.

The above city must not be confounded with Magnessa ad Meandrum, close to the modern Inek-basar, and about 50 m. S.S.E. Smyrna, which, though a place of some consequence, was greatly inferior to the Magnesia of Sipplium. It is remarkable, however, for the ruins of a theatre, stadium, and magnificent octastyle louic temple, said to have surpassed in the harmony of its proportions even the temple of Diana at Ephesus. (Leake's stain Miner, p. 245.)

pie, said to have surpassed in the namouly of its proportions even the temple of Diana at Ephesus. (Leake's

sisia Minor, p. 245.)

MAHABALIPOORAM, or MAVALIPOORAM, a

village and a curious assemblage of rock temples in Hindostan, on the Coromandel coast, distr. Chingleput,
about 33 m. S.S. W. Madras; lat. 18° 36" N., long. 80°

60° E. The temples in their general character closely
resemble those at Ellora and elsewhere, on the W. side
of Hindostan; but, from their being cut in a granite
rock, they are in better preservation. They have been
chiefly consecrated to Vishnu, whose worship appears to
have predominated on this, as that of Siva on the opposite coast of India. At the foot of a hill N. of the village
is a pagoda, about 26° ft. high, nearly as long, and about
half as broad, hewn from a single rock, and covered with
sar-reliefs, including a gigantic figure of Krishna, another of his favourite Arjoon, and representations of a
number of animals. Opposite to this, and surrounded
by a stone wall, are 2 brick pagodas of great antiquity;
adjacent to which are 2 excavations in the rock, one supported by pillars, in a manner somewhat like the cave at
Elephanta, and the other fronting a sculptured group,
supposed to represent one of Krishna's adventures.
Still proceeding S., the traveller crosses a rocky hill, in
which is a spacious excavation, in the middle compartment of which is a figure of Siva between Brahma and
Vishnu; while at one end of the temple is a gigantic
figure of Vishnu sleeping upon a cobra-de-capello, and
at the other an eight-armed goddess, mounted on a lion,
rescuing a human figure from a buffalo-headed demon.
Several- of the figures are executed in a very superior
style. About a mile further S. are other sculptured
rocks, said to surpass those already noticed. One pagoda
is about 40 ft. in height, by 29 in length and breadth; and
another 49 ft. in length and breadth, and 25 ft. in height,
but ront, as by some violent convulsion, from top to
bottom; hesides which there are three sma sia Minor, p. 245.) MAHABALIPOORAM, et MAVALIPOORAM washed by the sea, is an ancient stone pagoda, within which, also, are several sculptured figures. The sea has probably submerged many temples that formerly existed here. Mahaballpooram is believed to have been anciently of considerable importance as a metropolis of the kings of the race of Pandion, in Hindoo mythology. (Golding-ham in Asiat. Researches, v.; Heber, &c., passim.)
MAHADEO TEMPLE, a celebrated place of Hindoo worship in British India, prov. Gundwanah, on the Nerbudda, 60 m. S.E. Hussingabad; lat. 23° 27 N., long. 78° 25° E.
MAHANIJDDY (Maha Nadi sha great three)

10° 30° E. MAHANUDDY (Maka Nadi, the great river), a considerable river of Hindostan, having its source in the prov. of Gundwanah; lat. 21° 30° N., long. 81° E., and Rowing mostly E. to the Bay of Bengal, which it enters by numerous mouths, about lat. 20° N., and between long 85° 30° and 87° E., after a course of more the source. isowing mostly E. to the Bay of Bengal, which it enters by numerous mouths, about lat. 20° N., and between long \$5° 80° and \$7° E., after a course of more than \$50° m. At Cuttack, about 70° m. from the sea, the river, in the rainy season, has a breadth of about 2° m.; but it is, not-withstanding, fordable at this point from Jan. to June. During the rains it is navigable for a distance of almost \$500 m. from the sea. Its deposits consist of a coarse sand, hostlie to vegetation, but frequently containing diamonds of the first quality, and which are occasionally of considerable size. (Hamilton's E. I. Gas.)

MAHE', a sea-port town of Hindostan. It belongs to the French, and was formerly their principal settlement on the crast of Malabar, but is now of little importance. It is admirably situated on rising ground, beside a small river, navigable for boats to a considerable distance in-land, 40° m. N. E. Calicut. Pop., in 1835, \$2,355, nearly all of native races. The town is well built, and has several handsome houses, 3 churches, &c. Its commerce is, however, small: and mostly confined to occoa-nuts, pepper, arrack, &c. (Official Retwrss.)

MAHIM, a town of Hindostan, prov. Aurungabad, on the island of Bombay, near its N. extremity, in lat. 190° N., and long. 72° 38° E. It has a Fortuguese church and a R. Cath. college, and, in 1816, its pop., with that of some adjacent villages, amounted to 16,600.

MAIDA, a small town of the Neapolitan dom., prov. Calabria Ultra II., 8 m. S. by E. Nicastro. It is chiefy noted for an engagement fought in its vicinity, on the 4th July, 1806, when an English army under Sir John

Stuart entirely defeated a greatly superior French force under Reguler.

MAIDENHEAD, a mun bor. and market town of England, co. Berks, hund. Bray, on the S. bank of the Thames, 114 m. E. by N. Rasding, and 27 m. W. London. Pop. of the bor., in 1841, 3,315. The town consists almost entirely of one street extending from the river about 1 m. along the high road to Oxford, and lined with numerous respectable and a few handsome houses: it is tolerably well fiagged and macadamised, but only partially lighted with gas. The guildhall, in the market place, is a spacious stone building: there is also a handsome chapel of ease, and the Wesleyan Methodists and Baptists have their respective places of worship. A national and infant school, with 3 Sunday schools, furnish instruction to the children of the poor, and there are almshouses and other charities for the sick and aged. The Bristol, Bath, and Exeter branch of the great western road is here carried over the Thames by a handsome stone bridge of 13 arches, and about 500 yards S. from it is another bridge of 3 arches, forming part of the Great Western Railway, which skirts the town in its whole extent. Maldenhead appears to be in a thriving condition: it has no manufactures, but is in the centre of an opulent neighbourhood, and derives considerable crading importance from its position on one of the most frequented roads of the empire. The bor, was first chartered by Edward III., and the corporation now comprises a mayor and three other aldermen, with 13 councillors. Corporation revenue, 1847-48, 5304. Markets on Wednesday; horse and cattle fairs, Whit-Wednesday, Sept. 29, and Nov. 20.

irequented roads of the empire. The bor. was mrst chartered by Edward III., and the corporation now comprises a mayor and three other aldermen, with 12 councillors. Corporation revenue, 1847-48, 380. Markets on Wednesday; horse and cattle fairs, Whit-Wednesday, Sept. 29., and Nov. 30.

MAIDSTONE, a parl, and mun bor., market-town, and par. of England, co. Kent, hund, of its own name, in the E. div. of the lathe of Aylesford, on the E. bank of the Medway (croased here by a bridge of five arches), 20 m. E.S. E. London, and 35 m. W. Canterbury. Area of par. and parl, bor., 4,420 acres. Pop., in 1841, 16,920. The town, which is about it m. in length from N. to S., and § m. in breadth, consists principally of a well-built street, leading N. E. from the bidge to a lengthened narrow street, along the road from Rochester to Tenterden; but exclusive of these there are many smaller streets. Among the principal public buildings are the co. hall, a modern structure, well adapted for the business of the assizes, the new gaol, an immense structure, erected, in 1818, at an expense of 200,000%, covering more than 12 acres of land, and ramking as one of the largest and best arranged in England, the barracks near the gaol, the county ball-rooms, and a small but pretty theatre. The market-house, the lower part of which is appropriated to the sale of corn, stands in the centre of the town, and behind it is a new market-place, conveniently arranged for the ale of provisions. The church, one of the largest in the kingdom, is an extremely handsome embattled diffice, with a lofty tower, formerly surmounted by a spire, destroyed by lightning in 1730: it was made collegiate in the reign of Richard II., and attached to an ecclesiastical college, destroyed with many others at the Reformation: the living is a perpetual curacy, in the gift of the Arcabishop of Canterbury. There is also a new district church, erected, by the church-building commissioners, at an estimated cost of 13,000¢, the incumbency of which is in the gift of the curate o

reading-room is established, and a newspaper is pub-lished once a week.

"Maidstone is in a very prosperous state, and there is no want of employment. There is a demand for houses of a superior class, and many have been built since the census of 1831; but many of the cottages are unoccu-pied, owing to the completion of public works, which had been going on for some years. The only manufac-tory of any importance is that of paper: there are six paper-mills in the par, employing about 600 hands. The felt, blanket, and hop-bag manufactories are of much less extent. There is a considerable traffic on the river, which has been for many years gradually increasing; which has been for many years gradually increasing; and the annual tonnage of vessels passing through Hal-

Stuart entirely defeated a greatly superior French force under Regnier.

MAIDENTHEAD, a mun. bor. and market town of England, co. Berks, hund. Bray, on the S. bank of the Thames, 114 m. E. by N. Reading, and 27 m. W. London. Pop. of the bor., in 1841, 3,315. The town consists almost entirely of one street extending from the river about 1 m. along the high road to Oxford, and lined with numerous respectable and a few handsome houses: it is tolerably well flagged and macadamised, but only partially lighted with a sa. The sultithall in the market.

MAIDENTHEAD.

MIRRICAL

Illigaton lock, about 2 m. from the town, is, at present, supposed to average 120,000 tons, on which tolls are paid to the amount of about 2,600. The principal articles of merchandise brought up the river, are coals and timber or the supply of the neighbourhood, and also of Ton-bridge, Seven-Osta, and the whole weald of Kent. A portion of the latter article is imported direct from the tolerably well flagged and macadamised, but only partially lighted with a sa. The sultithall in the market

Baltic and America. The neganournoon is cusevascua for its abundant produce in hope and fruit, both of which are carried down the river with paper and stone." (Msss. Corp. Report.)

Maidstone received its charter of incorporation from Edward VI., in 1649, but forfeited it in the following reign, owing to the connection of its inhab, with the insurrection of Sir Thomas Wyatt. Quene Elizabeth granted another charter, with increased privileges; but this also became void, by a que warrante, soon after the Revolution of 1688; and a new charter was granted in 1748, by George 11. Under the Mun. Reform Act of 1637 the borough is divided into 3 wards, the corporate officers being a mayor and 5 other aldermen, with 18 counciliors. Corp. revenue in 1847-48, 3,938. The Lent and summer assizes are held here, as also the quarter-sessions for the W. division of Kent. The recorder holds quarter and petty sessions within the borough; and a county court is established in it, before which 1,330 plaints were entered in 1848. This borough has sent 2 memas to the H. of C. from the 6th of Edward VI. Down to the Reform Act, the right of election was rested in the freemen (by birth, apprenticeship, and purchase) not receiving alms. The limits of the borough were not altered by the Boundary Act. In 1849-50, it had 1,732 registered electors. Maidstone is also the chief place of election for the mems. for the W. division of the county. Large markets on Thursday for hops, corn, horses, and cattle: fairs for cattle, &c., 1st Tuesday in each mouth, Feb. 13., May 12., June 20., and Oct. 17.

MAILCOTTA, a town of Hindostan, prov. Mysore, and a celebrated place of Hindoo worship, on a rocky hill, 17 m. N. Seringapatam; lat. 129 39 N. long. 769 42 E. The town, which is open and paved, has about 400 good houses, moutly occupied by Brahmins, and several rich pagodas, choultries, &c. The most striking edifice is a temple dedicated to Narasingha (the man-lion), which stands on the highest pinnacle of the mountain, and is approached by a staircase cu

namented at intervals with smaller temples and arches. It has, becides, a temple to Krishna, a square building of vast dimensions, entirely surrounded by a colonnade, and which is said to be extremely rich in jewels and other articles of value; and held in such esteem that Tippoo did not venture to outrage the prejudices of his Hindoo subjects by plundering it. There is also a large and fine reservoir at Malicotta, surrounded by numerous buildings for the accommodation of devotees. Near this town the Mahrattas defeated Hyder All, in 1772. (Hamilton's E. I. (Gazetter.)

buildings for the accommonation of devotees. Near this town the Mahrattas defeated Hyder All, in 1772. (Hassillow's E. I. Gazetteer.)

MAINE, one of the U. S. of N. America, being at once the most northerly and easterly state in the Union extending between lat. 43° 2′ and 47° 20′ N. and between 67° and 71° W. long., having N. W. and N. Lower Canada, E. New Brunswick, W. New Hampshire, and S. and S. E. the Atlantie. Its area and pop, could not formerly be accurately determined; since about a third part of its surface, as claimed by the Americans, formed a territory in dispute between the U. States and Great Britain; but this question was happily settled in 1843; and its area may now be estimated at about 30,000 sq. m., and the pop, in 1840, at 500,000. Maine has a greater extent of coast, and more good harbours, than any other state of the Union. Its shores are all along indented by deep bays; and the opposite sea is studded with numerous fine islanda, some of considerable size. Near the coast, the surface is level, but it rises on proceeding inland, am most part of the state is hilly. In the N.W. a mountain chain forms the watershed between the streams that join the St. Lawrence, and those that fall into the Atlantic; most part of the state is hilly. In the N.W. a mountain than forms the watershed between the streams that join the St. Lawrence, and those that fall into the Atlantic; and a lateral branch from this chain, between lat. 46° and 46° 30°, separates the basins of the Kennebec, Penobecot, &c., on the S., from that of the St. John's on the N. Several of the summits in Maine reach an elevation of 4,000 ft.; and Mount Katahdin, near lat. 46°, which rises to 5,335 ft., is reckoned the highest ground between the Atlantic and the St. Lawrence. It has been estimated that 1-6th part of the surface of Maine consists of water: there are numerous lakes, chiefly in the N., the largest of which, Moosehead, is 50 m. in breadth. The St. John's river is elsewhere noticed (cssté, p. 89.): the Penobecot, Kennebec, Androscoggin, St. Croix, &c., have all a general S. direction, and several are navigable for the greater part of their length. The climate is cold: ice and snow last, in the N. and central parts, from October to April, and the summer is short: but the atmosphere is generally clear, the weather uniform, and the country salubrious. The soil on or near the coast is sandy and poor; but it improves greatly as it recedes inwards, especially along the banks of the rivers. The greater portion of the state was originally covered with dense forests of fine fir. beech, &c. In the S., and some of the central parts, these have been mostly cleared; but they are still nearly unbroken in the N., though the value of the lumber cut down annually in the state is estimated at 10,000,000 dollars. Wheat, maise, rye, barley, potatoes, pease, beans, and fisz, are among the chief sgricultural products. Apples and pears grow to perfection; and cherries, plums, and grapes grow in the woods. E. of the Kennebec, and along that river, are some excellent arable lands; and between Kennebec and Penobscot are some of the finest grazing lands in New England. Till lately the rearing of sheep has been the most important branch of rural industry, the annual value of the clip of wool being estimated at about 2,000,000 dollars. Good marble is found in some districts, and lime-burning is extensively carried on. Iron ore is abundant, and some lead has been discovered. Maine has manufactures of cotton and woollen cloths, hats, shoes, leather, cordage, nails, spirits, maple sugar, &c. The annual value of the main structures has been estimated at 10,000,000 dollars. Its exports consist chiefly of lumber, great quantities of which are shipped for the West India Islands, as well as for the neighbouring states; dried fish, pickled salmon, beef, pork, butter, wool, grain, hay, pot and pearl sahes, marble, &c. In 1847, the value of the exports amounted to 1,634,203 dollars, and that of the imports to 574,050 dollars. A canal 20 m. In length, from Portland to Segabo Pond, was completed in 1829; and the railway from Bangor to Orono, 10 m. in length, in 1836. Other railways have been projected, and some have been incorporated. In 1833, Maine had 50 banks, with an aggregate capital of 4,969,000 dollars. The legislative power is vested in a senate of 25 mems., and a house of representatives of 187 mems, who, together with the governor, are chosen annually by all the white male citizens above 21 years

constituted a separate state of the Union.

The N.E. territory, disputed between Great Britain and the U. States, consisted of the upper valley of the St. John river, chiefly between lat. 469 30' and 80' N., and long, 670' and 70' W., including an area of above 10,000 sq. m. The limits claimed, as well by the British as by the Americans, are laid down in the map of the British possessions in N. America, prefixed to the article Ca-Naha in the former edition of this work; and there, also, is indicated the line between the possessions of the contending parties, as laid down by the late king of the also, is indicated the line between the possessions of the contending parties, as laid down by the late king of the Netherlands, to whose decision as arbiter the question was once referred. It will be seen, by an inspection of the map, that the arbiter did not adopt the views of either party, but decided on an intermediate boundary. The question was subsequently settled by negotiation on fair and equitable terms. The disputed territory was very fertile, and was well watered; but it was obviously more valuable from its position, than for any thing clse. Had not the negotiations with respect to it come to a pacific termination, it would have made but a miserable compensation to the successful party for the mischlefs that would have been occasioned, even by a single campaign. single campaign.

MAJORCA.

Mains, a river of W. Germany. See Mays.

Mains, one of the old provs. of France, now distributed between the deps. Mayenne and Sarthe.

MAINE.ET-LOIRE, a dep. of France, reg. W., formerly comprising the greater part of the prov. of Anjou, chiefly between lat. 47° and 47° 50′ N., and long. 0° and 1° W., having N. the deps. Mayenne and Sarthe, E. Indre et-Loire, S. Vienne, Deux-Sèvres, and Vendee, and W. Loire-Inférieure. Greatest length, E. to W., about 70 m, breadth usually about 40 m. Area, 722.163 hectares. Pop. (1846) 504,963. Surface undulating. The Loire intersects the dep. from E. to W., dividing it into two nearly equal parts; and is joined within its limits by the Maine, Anthion, Thonet, Layon, &c. The Maine is a continuation of the Mayenne, which changes its name after it has been joined by the Sarthe. It passes by Angers, and unites with the Loire about 5 m. below that city. Its entire length is 8 m., throughout which it is after it has been joined by the Sarthe. It passes by Angers, and unites with the Loire about 5 m below that city. Its entire length is 8 m., throughout which it is navigable. In 1835, 40, 195 hectares of the surface of this dep, were estimated to be arable, 80,023 in pasture, 38,560 in vineyards, 61,838 in woods, and 48,271 in heaths, wastes, &c. More corn is produced than is required for home consumption. Nearly 2,128,000 hectolitres are said to have been harvested in 1835, of which 1,005,000 were wheat, and 547,680 rye. Agriculture, as in the contiguous departments, is very backward: the lands in lease are all held on the metayer principle, the rent being a certain proportion, usually about half the produce: the occupiers are poor, uninstructed, and, of course, strongly attached to routine practices. Hemp and flax, prunes, melons, walnuts, apples, and various other fruits, are said to be of superior quality. The produce of wine is estimated at about 500,000 hectol. a year. Some of the white wines are rather well esteemed; but the greater portion of the vintage is either converted into brandy or vinegar. The latter, which enjoys a high reputation, is known in commerce as winaigre de Sasswar. Exclusive of wine, this dep, produces annually from 50,000 to 60,000 hectol. The latter, which enjoys a high reputation, is known in commerce as winaigre de Sauswer. Exclusive of whee, this dep. produces annually from 50,000 to 60,000 hectol. of cyder. The industry of the rural pop. is, however, chiefly exercised in rearing and fattening cattle for the Paris markets, and in breeding horses. In 1830 there were stated to be 225,539 head of cattle in Maine-et-Loire—a greater number than in any other dep. of the W. of France; but, on the other hand, the stock of sheep (180,000) was comparatively small. In 1835, of 140,411 properties subject to the contribution fonciere, 69,566 were assessed at less than 5 fr., and 21,645 at from 5 to 10 fr. At the same time 232 properties were assessed at more than 1,000 fr. This dep. has the largest and most important slate quarries in France. These are situated near Angers, and are extensive excavations, in one place to the depth of 400 ft. below the surface. They employ more than 3,000 workmen, and several steamengines, and are said to yield about 80 millions of slates a year. At Chollet (which see), and other parts, some extensive woollen, cotton, and other manufactures are established, employing a large number of hands, and producing goods of the estimated value of 20,000,000 fr. ayear. At Angers is a large sail-cloth factory; wooden shoes are made at Moulicherne; and the dep. has numerous sugar refinerles, breweries, distilleries, papermills, dyeing-houses, &c.; and at Angers is one of the woroyal schools of arts and trades established in France (the other is at Chalons-sur Marne), at which about 450 pupils are supported partly or wholy at the exposse of the other is at Chalons-sur Marne), at which about 450 pupils are supported partly or wholly at the expense of government. Maine-et-Loire is divided into 5 arronds.: government. Maine-et-Loire is divided into 5 arronda: chief towns, Angers, the cap., with 36,392 inhabe., Baugé, Beaupréau. Saumur, and Segré. Total public revenue (1844). 13,183,971 fr. (Hugo, art. Maine-et-Loire; Offi-

Beaupréau, Saumur, and Segré. Total public revenue (1844), 13,183,971 fr. (Hugo, art. Maine-et-Loire; Official Tables, &c.)

MAINLAND. See SHETLAND ISLER.
MAJOROA (Span. Moliora), the largest of the Balearic Islands in the Mediterranean Sea belonging to Spain, from the E. coast of which it is 110 m. distant, Palmas, the chief town, being in lat. 390 38' K., long. 20 45' E. Greatest length, 48 m.; do. breadth, 42 m.: estimated area, 1,340 sq. m. Pop., according to Minano, 181,805. Its shape is that of an irregular four-sided figure, the angles of which are formed W. by Cape Tramontana, N. by Cape Formenton, K. by Cape Peri, and S. by C. pe Salinos. The surface is extremely uneven, and is divided into two pretty equal parts by a range of mountains, the highest of which, the Silia de Torillos, rises 5,114 ft. above the sea. These mountains are not volc.nic, but consist chiefly of granite, sienite, and porphyry, over which lie beds of graywacké, clay, slate, and coal; lead and iron are found, but not in sufficient abundance for mining purposes. The rivers or rather torrents of Majorca are short, rapid, and very numerous, affording great facilities to irrigation. The climate is exceedingly mild, salubrious, and agreeable; the thermometer during winter scarcely ever falls below 48°, its average height being 65°, and cold and strong N. winds are of rare occurrence. The temperature of summer varies between 84° and 88° Fahr.; but the heat is seldom oppressive, owing to the constant sea-breezes. The red,

loamy soil of the mountains, though stony, is extremely rich, producing spontaneously great numbers of wild olives, grapes, &c.; in the plains it is much less fertile, owing to the superfluity of moisture, and the absence of any system of drainage. Agriculture is in a very rude and debased state; and the growth of corn, which in wet years totally fails, meets only half the consumption of the island, the annual imports of this article being about 6,000 fanegas, chiefly from Catalonia and Valencia. Olives are raised in very large quantities, the cross averaging about 180,000 arrobas yearly; the being about 0.000 innegas, chiesy ross Cataonia and Valencia. Olives are raised in very large quantities, the crops averaging about 180,000 arrobas yearly; the fruit is smaller than that of Andalusia, but as jutey as the best of the growth of Provence. Wine, both red and white, is abundant, especially near Banalbufar and Falamiche; considerable quantities are exported, and much is likewise used in the distillation of brandy. Fruit and vegetables, especially oranges, figs, meions, carobe, pumpkins, and cauliflowers, grow plentifully, and attain a large size. Large quantities of saffron also are produced, of preferable quality to that of La Hancha. There is no want of fine pasture in the island; but little attention is paid to cattle-breeding. The sheep are large, and hogs sometimes attain the weight of 600 lbs. or about 38 stone. Mules and asses are reared in great numbers, and sent to Valencia and other provs. in the S. of Spain. Hares and rabbits, partridges, qualis, suppes, &c. are abundant, and the coast swarms with fish of various kinds and good quality.

satpes, &c. are abundant, and the cosst swarms with fish of various kinds and good quality.

The trade of Majorca is, relatively to its size, very considerable, chiefly with Spain, France, and England; its exports comprise oil, wine, brandy, oranges, and other fruits, capers, saffron, wine, mules, and asses, with smaller quantities of home-made goods, as palm brooms and baskets, turnery wares, and water-proof hats for sailors, its imports consisting of wheat, sait beef, iron, sugar, groceries, woollen and cotton goods, hardware, &c., chiefly from France, England, and the N. of Europe; but the precise amount of the trade of Majorca cannot be ascertained.

The inhabitants are described by Fischer as bearing a striking resemblance, "both in their external appear-ance and general character, to the Catalana, being equally hardy and courageous, equally blunt and jealous of their honour, equally industrious and ingenious, equally good sailors and skilful farmers, with their continental neigh-

sailors and skilful farmers, with their continental neigh-bours; and their language is, in fact, nothing but a cor-rupt dialect of the Catalan."

Majorca comprises only two towns of any importance, and 28 villages, the rest being mere hamlets. Numerous detached farms and country houses, however, are scat-tered over different parts of the island; and in all the fine valleys one may meet with numbers of elegant villas, in which the bloker classes who are naughty much at fine valleys one may meet with numbers of elegant villas, in which the higher classes, who are usually much atched to a country life, spend the greater part of the year. The roads have also been considerably improved within the last eight years, and there is a tolerably good communication between different parts. The cap. of Maiorca is Palma (sometimes also called Majorca), situated in a bay, of its own name, on the S. side of the island, and having a pop. (according to Miñano) of 24,343 persons. It is agreeably placed in a delightful country, and is pretty strongly fortified; the houses are large and well built; but the streets, being narrow, dark, and ill-paved, give it a wretched and mean appearance. The chief public buildings are the governor's palace, a large structure with extensive gardens, a cathedral, exheange, town-hall, and theatre. The inhab. are active, The chief public buildings are the governor's palace, a large structure with extensive gardens, a cathedral, exchange, town-hall, and theatre. The inhab are active, enterprising, and ishorious: and almost the whole trade of the island is concentrated in its port. The road of Palma affords excellent protection for shipping, except during storms from the S.E.; but the little harbour, called Puerto-Pi, is more secure, and turnishes anchorage for the largest frigates: the port is defended by two well-fortified castles. Among the other towns of Majorca, the largest, with their respective pops., are Llumayor (8,520), Campos, remarkable for its mineral waters and saltpans (4,881), Santenay, celebrated for its stone-quarries (3,520), Falaniche, where is made the best brandy of the island (6,820), Manaçor (8,930), Pollenza (7,223), and Soller (6,614). The small island of Cabrera lies 8 m. S.S. W. of Cape Salinas: it is coverativity trees, and wholly uninhabited, except by convicts, of whom there is here a small dippd.

The Balcaric Islands, of which Majorca is the chief, were more anciently known as the Xaeaáse, so called, probably, from rising out of the sea, like the backs of longs. The Phomicians made settlements in them at a very early period; and they were succeeded by the Carthaguing mider Hanne who Constant Mago (Mano (Mano (Mano))).

very early period; and they were succeeded by the Car-thaginians under Hanno, who founded Mago (Mahon), and Jemnon (Cludadela), both towns of Minorca. The and Jossacos (Cludadela), both towns of Minorca. The islanders were celebrated as the most expert slingers in the Carthaginian service during the Punic wars, and were afterwards equally noted as successful pirates, till Quistus Metellus subdued them, and hence obtained the surname of Batearicus. He was the founder also of two cities in Majorca, Palma, the present cap, and Poleratis, now Pollenza. Under the Roman empire, these

MALLABORAN.

Islands belonged to the judicial district (consensus functions) of New Carthage in Tarraconensis, and from the reign of Constantine I. to that of Theodosius I., they had their own government. On the breaking up of the W. empire, they became an easy conquest for the Vandals and Huma, from whom they were afterwards wrested by the Moors. The people becoming notorious as pirates and robbers on the coast of Christian Europe, Charlemanne headed an expedition against them, and as pirates and rooters on the coast of cristian surpe, Charlemagne headed an expedition against them, and succeeded, not only in taking the islands, but in keeping possession of them for its years, at the end of which, they were rotaken by the Moors: nor were the latter finally expelled till 1985, when the entire group was for-

possession of them for six years, at the end of which, they were retaken by the Moors: nor were the latter finally expelled till 1285, when the entire group was formally annexed to the crown of Aragon.

MALABAR. This term is usually applied to designate the whole W. coast of Hindostan from Cape Comorin to Bombay, but, strictly speaking, Malabar only extends as far N. as the Malabar language is spoken, or to lat. 12° 30°. The British prov. of Malabar is a district or collectorate under the Madras Presidency, extending between lat. 10° 12° and 12° 15° N., and long, 75° 10° and 76° 50° E., comprising several portions of territory, as Wynaad, &c., not belonging to Hindoo Malabar; and having N. Canara, Coorg, and Mysore, E. Colmbatoor, S. Cochin, and W. the Indian Ocean. Length, N.W. to S.E., about 150 m.; average breadth about 42 m. Area, 6,362 sq. m. Pop. (1836-37) 1,140,918, of whom 844,186 were Hindoos, 282,027 Mohammedans, and 14,403 Rom. Catholics. In the E. the surface is mountainous, comprising a portion of the range called the W. ghauts: the coast is low, and indented by many shallow inlets. Between these two regions the country mostly consists of undulating hills, separated by marrow valleys in general watered by a rivulet. Nearly all the rivers have a W. course. The chief are the Cochin, Beypoor, Ballapatam, Ponany, &c.: the har of the first is navigable for ships drawing 15 ft. water; and the mouth of the second will admit vessels of 300 tons. Lakes and tanks inconsiderable. The year is divided into three seasons; the hot, from February to May; the wet, from May to October; and the cook is sandy, but well adapted for the culture of the coconnut, jack, arecs, plantain, cinnamon, and other trees, pepper, coffee, the sweet potato, and other fartnaceous roots, garden vegetables, &c. In the interior the soil is of the red kind common in the S. of India and highly favourable for rice, which frequently yields two and sometimes three crops a year. The rice lands are sown after the first rains in April, and in fo the grain is ripe for the sickle. The second crops are raised by the transplantation of plants a month old, and are reaped in three months. The third crop is assisted by small reservoirs and tanks, and by turning water from streams. About 788 sq. m. are estimated to be under rice, and 120 in gardens and inclosures of productive trees. The sides of the hills are often formed into terraces for cultivation. into terraces for cultivation. The rest of the surface, especially in the uplands, is chiefly covered with forests, especially in the uplands, is chiefy covered with forests, among which the teak-tree is very prevalent, and an important source of wealth to the district, the teak of Malabar being considered, upon the whole, superior to every other variety. Besides the above articles of culture, the other variety. Besides the above articles of culture, the mulberry, mango, tamarind, sugar-cane, ginger, turmeric, mustard, arrow-root, bemp, cotton, &c., are grown, and wheat and bariey on the hills. There are few cattle. The elephant and wild bog do great damage on the borders of the forests they inhabit: the tiger, bison, elk, deer, &c., are also met with. Towns are rare in the interior, and villages there are spread over a large space, families usually living separate from each other within gardens inclosed by ditches and high banks. Iron is pretty generally found, and gold, though in small quantities, in the sands of some of the rivers. Coarse cotton cloths are manufactured in a few places from the raw produce of the district; coir is made from the fibrous covering of the ecocon-nut; oil from its kernel, and arrack from the toddy in very large quantities. The chief exports consist of the products of the occoa-nalm, amounting produce of the district; coir is made from the fibrous covering of the eccos—nut; oil from its kernel, and arrack from the toddy in very large quantities. The chief exports consist of the products of the eccos—palm, amounting to about 806,800 rupees annually. From 10,000 to 15,000 candles of pepper, betel-nut to the value of 560,000 rupees, and cloth from the districts to the E. to the value of from 1,700,000 to 2,300,000 rupees, are annually exported. At Calicut, Tellichery, Cananore, and Posany, the chief commercial towns, there are numerous Parsee and other opulent merchants. The reads throughout the district are in good order, and have convenient bungalows every 10 or 18 m. Public revenue (1885-37), 301,3964., of which the land-tax amounted to 161,1634. In Malabar, as in 8. Canara, inheritance goes by the female line, among the Nairs and other Hindoo castes which inhabit the country. On the coast, a large proportion of the inhab, are Mohammedans, and many Moplays, a people originally derived from Arabla. The Christian religion appears to have been planted in this part of India at a very early period, and many churches were found existing by the Portuguese. Ma-

256 MALACCA AND NANING.
labar was governed by various Nair dynasties, previously
to its conquest by Hyder All, in 1761; on the fall of Tippoo
Saib, it became subsidiary to the British, and was incorporated with the Madras Presidency in 1803. (Madras Almanacks for 1838 and 1839; Hamilton's E. J. Gax. vol. ii.)
MALACCA AND NANING, a British colony, on
the W. coast of the Malay peninsula, between lat. 2° and
3° N., and long. 102° and 103° E.; having N. W. the territory of Sangalore, N. E. those of Rumbowe and Johole,
S.E. that of Johore, and S.W. the straits of Malacca,
Area estimated at 1,000 sq. m. Pop., in 1826, 37,706, of
whom about 21,000 are Malays, 4,000 Chinese, and 2,400
Europeans, chiefly English, Dutch, and Portuguese.
Surface mostly undulating; the hills are covered with
jungle, and the valleys rendered swampy by the rains.
The coast also is swampy S. of the town of Malacca, but to
he N. It is generally bold and rocky. There are several
rivers; but the largest is only navigable by small vessels
for 10 or 12 m. from its mouth. Opposite the coast are
many small grantite islands, which serve for burial places for 10 or 12 m. from its mouth. Opposite the coast are many small granitic islands, which serve for burial places to the Malay inhab. of the colony. The country is geologically composed of a granitic formation, overlain by laterite, and this again by a layer of vegetable mould, which becomes thicker the nearer the coast. The soil laterite, and this again by a layer of vegetable mould, which becomes thicker the nearer the coast. The soil near the sea-shore is very productive, but in the interior it is otherwise; and Naning is much more valuable for its tin mines than for the products of its agriculture. The climate is more salubrious perhaps than that of any other British coast settlement in the East. It has been found that during a period of seven years, the deaths among the troops statloned here amounted to less than 2 per cent.; and instances of longevity are frequent among both Europeans and natives. The mean annual temperature is about 77° % Fah.; and there is but little change throughout the year in the barometer, which stands at about 30°. Rain falls continually at intervals of a few days; but as rather more occurs between September and January than at any other time, that period is termed the wet seeson. Violent squalls and storms of lightning. &c. occur during the S. W. monason. The produce of Malacca consists chiefly of rice, jaggery, sago, pepper, rattans, timber, cocca-nuts, a few nutmegs, cloves, dammer, gambier, gum lac, ivory, gold dust, tin, ruits, poulity, and cattle. A few years ago the rice raised in the colony was scarcely sufficient for four months' consumption, the additional supply being brought from Acheen, Java, and Bengal. A principal cause of this was the former policy of the Dutch, who, while Malacca belonged to them, prohibited the raising of any kind of grain, in the view of rendering the inhab, wholly dependent for their supplies on Java. The British government, however, has given every encouragement to native agriculture; and, in 1833, the crop of rice amounted to ment, however, has given every encouragement to native agriculture; and, in 1835, the erop of rice amounted to two-thirds the annual consumption. Cocca-nuts for a considerable portion of the food of the lower classes of natives, who also subsist partly by fishing. For the trade of the colory recognition. of the colony, see post.

This settlement is included in the presidency of Bengal.

and is governed by a resident, with an assistant resident at Malacca, and a superintendent at Naning. The Dutch

at Malacca, and a superintendent at Naning. The Dutch drew from it a surplus revenue; but since it came into our possession, the expenditure has always exceeded the income by about 100,000 rupees a year. In 1837-38, the revenue only amounted to 53,548 rupees, or 5,3542.

Malacca, a town on the W. coast of the Malay Peninsula, cap. of the above British colony, at the mouth of the river of the same name, lat. 20 14 N., long, 1029 12° E, about 100 m. N. W. Singapore, and 220 m. S. S. E. Pinang. Pop., in 1832, 12,120, of whom about 4,000 Europeans. "The town of Malacca is divided by the river above mentioned into 2 parts. connected by about 4,000 were Chinese, 3,000 Malaye, 3,000 Chullahs, and 2,000 Europeans. "The town of Malacca is divided by the river above mentioned into 2 parts, connected by a bridge. On the left bank rises the verdant hill of St. Paul, surrounded by vestiges of an old Portuguese fort. Around its base lie the barracks, lines, and most of the houses of the military; the stadthouse, courthouse, gaol, church, civil and military hospitals, the site of the old inquisition, convent, the police-office, the school, post-office and master attendant's office. On its summit stand the ruins of the and ant church of our Lady del Monte, erocted by Albuquerque, and the our Lady del Monte, erected by Albuquerque, and the scene of the labours and miracles of that 'Apostle of the East,' St. Francis Xavier; also the light-house and flag-staff. A little to the S. rises the hill of St. John's. the East, St. Francis Xavier; also the light-house and flag-staff. A little to the S. rises the hill of St. John's, and in the rear rises that of St. Francis. On these eminences are the remains of batteries erected by the Portuguese and Dutch, commanding the E. and S. entrances to the town. Smaller knolls intervene, covered with the extensive cemeteries of the Chinese. The tombs are white, and constructed with much care, and surrounded by low walls of brick and chunan, in shape resembling a horse-shoe. The basaars, and by far the greatest part of the town, are situated on the right bank of the river. The anchoring ground in the roads is secure; and though large vessels are obliged to lie at a distance of 2 m. from the shore, accidents have been rarely known to happen. Native craft anchor much

BIALAGA.

nearer, under the lee of one of the islets close in-shore."
(Newbold's Malacca, i. 109—111.)

The principal public institution at Malacca is the Anglo-Chinese College, established in 1818. Its main objects are the cultivation of Chinese literature by Europeans, and of European literature by the Chinese, Malays, and surrounding nations, and the diffusion of Christianity. The college has a library, well stocked with European and Chinese books, Siamese MSS., &c.; and attached to it is an English, Chinese, and Malay press. This college was founded by Dr. Morrison, the Chinese scholar, from whom, also, it received a small endowment. But at present it depends almost wholly on the fees paid by the pupils; and its funds are by no means in a prosperous state. Such an institution would, however, appear to be deserving of public support. There are also in the town 5 Chinese schools, with about 100 scholars, besides several Hindoo and female schools, and schools established by the Malays, for their own instruction in English. A

b Chinese schools, with about 100 scholars, besides several Hindoo and female schools, and schools established by the Malaya, for their own instruction in English. A full account of the mode of education in the Chinese schools may be seen in Newbold's work on Malacca.

Malacca was formerly a place of considerable trade; but, owing to the superior advantages of Pinang and Singapore, its commerce has rapidly decreased within the last 10 years, and it is now very limited. It exports small quantities of gold dust, balachong, hides, hogs, fowls, laggery, pepper, dammer, cordage, a little ebony and ivory; iron implements, fire-arms, nails, &c., manufactured by the Chinese smiths at Malacca, with rattans, lac, and aloo-wood. The gold and tin are not the produce of the British territory, but of the adjacent native states, whence they are brought to Malacca by native boats, or overland by coolies. The principal imports are earthenware, iron, rice, sago, opium, nankeens, European and Indian piece-goods, woolens, paper, provisions and liquors, for the European and Chinese inhab; salt, sugar, tea, tobacco, &c., parily for home consumption and parily for re-shipment. The total value of the imports, in 1834-35, amounted to 467,459 doll.; total do. of exports 238,122 doll.

Malacca is said to have been founded in 1252, by Iskander Shab, a chief from Singapore, and it soon became a

in 1884-35, amounted to 467,459 doll.; total do. of exports 236,132 doll.

Malacca is said to have been founded in 1252, by Iskander Shah, a chief from Singapore, and it soon became a large and fourishing city, its influence extending over all the peninsula and the adjacent islands. It was first visited by the Portuguese in 1508, and captured by them in 1511. In 1641 it was taken by the Dutch, and in 1795 by the English. The latter held it till 1818, when it was restored to the Dutch; but in 1825 the latter finally exchanged it with us for the settlements of Bencoollen, &c., on the coast of Sumatra. But we much doubt whether its possession be of any material advantage, or, at least, whether the advantage be at all adequate to countervail the expense it occasions. (Newbold's British Settlements in Malacca (STRAITS or), a channel of the Rastern Seas, extending from lat. 10 and 60 N., and long, 990 and 1040 R., between the Malay Peninsula on the N.E. and the island of Sumatra, on the S. W. Its length, N.W. to S. E., may be estimated at about 520 m.; its broadth varies from 25 m. opposite the Naning territory, to nearly 200 m. at its N. extremity. It is the best and most frequented passage from the Indian Ocean t: the China Sea.

MALAGA, an important city and see-port of Spain. Granade, and proy. of its own name at the bettern of

to nearly 200 m. at its N. extremity. It is the best and most frequented passage from the Indian Ocean to the China Sea.

MALAGA, an important city and sea-port of Spain, k. Granada, and prov. of its own name, at the bottom of a deep bay, on the Mediterranean, 68 m. N. B. Gibraltar, and 294 m. S. by W. Madrid: lat. 850 49 50" N., and long, 40 29 7" W. Pop., according to Mifismo, 51,899; but little dependence can be placed on this statement, and the pop. is believed to amount to near 60,000. It is built along the shore, at the foot of mountains gradually descending towards the sea: westward is the Vega, watered by the great river of Malaga, which delivers a large body of water from the E. end of the Serrania de Ronda; and on the other side rise naked rugged mountains, overhanging the shore, and scarcely leaving room for the town. But the most imposing view of Malaga is from the sea. "It stands in the centre of a wide bay, fanked by lofty mountains, and by the picturesque ruins of its ancient fortifications and castle, which cover the hill rising immediately to the E., and seem, from their great extent, like the remains of a former state." (Inglée, ii. 136.) The streets, as in all Moorish towns, are very narrow, many being only 8 ft. wide, with others still narrower, badly paved, and dirty to a proverb: the houses are high and large, built round a court, the interior having a clean and next appearance, owing to the abundant use of whitewash. There is only one square in the town, and the churches, as well as convents, are sortwated among the houses, that their beauty, if they have any, is effectually concealed. "Indeed," says Mr. Inglis, "the only haudsome feature of the town is the Alameda, or public walk, the buildings and cestablishments are a cathedral, with a chapter, 4 par. churches, blishments are a cathedral, with a chapter, 4 par. churches,

a bishop's palace, 4 hospitals (one of which is for mi-litary), a legal seminary, royal college of medicine and surgery, a foundling asylum, a large depot for convicts, a custom-house, and 2 endowed schools. Among these, however, the only edifice worth notice is the cathedral, a large building having a spine 200 ft in height; like that however, the only etinice worth notice is the cameral, a large building, having a spire 270 ft. in height: like that of Granada, it is in the transition style, between the Gothic and classic; the roof, instead of being groined, is divided into numerous small circular domes, somewhat divided into numerous small circular domes, somewhat like the marigold windows of Gothic architecture; and the modern additions to the building, though not quite in keeping, are on the whole designed with good taste. (Cool's Sactoke's is Spain, ii. 100.) The high altra nd the pulpit are of Sesh-coloured marble; "but the part which most rivets the attention is the choir, called by the biographer Palomino the eighth wonder of the world, and admirable for the perfection of its carred works, representing in very bold relief the twelve apostles, and most distinguished of the saints." (Townsend, iii. 12.) On a sharp point of rock commanding the city stands a fine old Moorish castle, in good preservation, called the Gibraifwor (prob. Gebel-ai-faro, the great watch-tower), built on the site of a Roman fortress, but still wholly of Arabic architecture: it is altogether, both from its shape and situation, a very curious structure, and, if fortified on the modern assesses Arable architecture: it is altogether, both from its shape and situation, a very curious structure, and, if fortified on the modern system, might be rendered impregnable. Another Moorish building, in tolerable preservation, was formerly the darsens or dock for the ancient gallers, now used as a storehouse. (sinchestree, i. 222.) The Alcaçabe, an Arablan palace, once occupied a site near the shore; but the greater part of it was pulled down to make room for the custom-house. At a short distance from Malaga is one of the magnificent but unfinished undertakings of Charles III., a bridge and aqueduct over the great river of Malaga, which flows about a league distant from the city; but this work, on which a great outlay was incurred, was managa, which have about a wague directly; but this work, on which a great outlay was incurred, was rendered useless a few years afterwards by a work undertaken by a bishop, who, at his own expense, brought water into the city by a much shorter line. (Cook, vol. 1)

p. 19.)

Malaga is probably entitled to rank as the third or Maiaga is probably entitled to rank as the third or fourth port of Spain; but owing to the want of official returns, and the prevalence of smuggling, it is impossible to obtain any accurate account of its trade. The principal articles of export are wines and fruit, particularly raisins, almonds, grapes, figs, and lemons: there is likewise a considerable, though smaller, exportation of olive oil, with brandy, anchovies, cummin-seed, aniseed, barilla, soap, &c. Lead is also brought thither for shipment from the mines of Alora in Granada. The imports comprise salt-fish, iron hoops, bar-iron, and nails; cotton fabrics, hides, earthenware, &c.; with woollen clotha, all aorts of colonial produce, butter and cheese from Holland and Ireland, linens from Germany, &c. The trade with England has been for some time diminishing, owing to use the small demand for Malaga wine; but the trade with America has considerably increased, owing to its pretty large consumption both of the fruit and wine shipped at to our small demand for Malaga wine; but the trade with America has considerably increased, owing to its pretty large consumption both of the fruit and wine shipped at this port. Mr. Inglis has given the following details with respect to the trade of this port, which may be interesting to some of our readers:—"The wines of Malaga are of two sorts, sweet and dry; and of the former of these, there are three varieties: lst, the common 'Malaga, known and exported under that name, in which there is a certain proportion of burnt wine, which communicates its peculiar taste to the 'Malaga;' the grape from which this wine is made is white, and every butt of Malaga contains no less than 11 galls, of brandy; 2dly, 'Mountain,' made from the same grape as the other, and, like it, containing colouring matter and brandy, the only difference between the two being, that for 'mountain' the grape is allowed to become riper; 3dly, 'Lagrimas,' the richest and finest of the sweet wines of Malaga; it consists of the droppings of the ripe grape hung up, and is obtained without the application of pressure. The dry wine of Malaga is produced from the same grape as the sweet wine, but pressed when greener: in this when there is a more brandy than in the sweet wine; at least 1-12th part of the dry Malaga being brandy. The whole produce of the Malaga increaries is estimated at from 35,0°0 to 40,000 butts; but, owing to the increasing stock of old wine in the cellars, it is impossible to be precise in this calculation. The export of Malaga wines may be stated at about 27,000 butts. The principal markets are in the United States and the states of 8. America, to which countries the exports are rather on the increase. The average price of the wines shipped from kets are in the United States and the states of S. America, to which countries the exports are rather on the increase. The average price of the wines shipped from Malaga does not exceed 35 dollars per but; but wines are occasionally exported at so high a price as 170 dollars. Many attempts have been made at Malaga to produce sherry, but not with perfect success. The Xercs grape has been reared at Malaga, upon a soil very similar to its native soil; and the sherry made at Malaga might be introduced into the English market as sherry, nor, from its cheapness, could it fall to command a sale. One reason of the very low price of the wines of Malaga, is the cheapness of labour; field labour is paid by 34 reals a

day (44d.), wages during the fruit and vintage time being about double.

about double.

"Next to its wines, the chief exports of Malaga are fruits; as raisins, almonds, grapes, figs, and lemons. During Sept. and Oct. 1830, the export of raisins amounted to 268,485 boxes, and 31,916 smaller packages. Of this quantity, 125,234 boxes were for the United States; 45,513 for England; the remaining quantity being for France, the West Indies, the Spanish Ports, S. America, and Holland. The raisins are of three kinds, muscatel, bloom, or sun raisins and lexiss. The muscated raisin of Malaga is the finest in the world, and in its preparation no art is used, the grape being merely placed in the sun, and frequently turned. The bloom, or sun raisin, is a different grape from the muscatel, but the placed in the sun, and frequently turned. The bloom, or sun raisin, is a different grape from the muscatel, but the process of preparing it is the same; like the other, it is merely sun dried. The lexias acquire this name from the liquor in which they are dipped, and which is com-posed of water, ashes, and oil; these, after being dipped, are also dried in the sun. All muscatel raisins are ex-ported in boxes, and also part of the bloom raisins. In 1829, the number of boxes of muscatel and bloom raisins exported amounted to 300 (100 seeb but contains In 1829, the number of boxes or muscates and bloom raisins exported amounted to 380,000, each box containing 25 lbs.; 8,000,000 lbs. in all. This quantity is independent of the export of bloom raisins in casks, and of lexias, the annual export of which does not exceed 25,000 arrobas. The export of raisins to England has fallen off; the avenual to America has contently increased. In 1844 lexias, the annual export of which does not exceed 35,000 arrobas. The export of raisins to England has fallen off; the export to America has constantly increased. In 1830, the export to America has constantly increased. In 1840, up to the list Nov., 34 vessels had cleared out. Of the other fruits exported from Malaga, grapes, almonds, and lemons, are the most extensively exported. In the months of Sept. and Oct., 1830, 11,612 lars of grapes were sent to England; 6,429 to America; and 1,600 to Russia. During the same period of time 5,335 arrobas of almonds (133,375 lbs.) were exported to England; and this constituted nearly the whole export: and during these months, also, there were exported to England 3,789 boxes of lemons; to Germany, 4,301 boxes; and to Russia, 840 boxes. There is also a large export of oil from Malaga." (Spain, ii. 145—149.)
Malaga has an excellent harbour, formed by a fine mole, 700 yds. in length, at the end of which is a lighthouse, A shoal that had grown up round the mole-head has been removed by dredging. The harbour, which will accommodate more than 450 merchant ships, may be entered with all winds, and affords perfect shelter. The port dues to a Spanish ship of 200 tons amount to about 111. 10e.; those to an English vessel of the same burden being about 211. Goods may be warehoused for any time not exceeding 12 months, on paring 2 per cent.

Goods may be warehoused for any time being about 211.

port dues to a Spanish ship of 300 tons amount to about 11t. 10x.; those to an English vessel of the same burden being about 21t. Goods may be warehoused for any time not exceeding 12 months, on paying 2 per cent. **absolute in lieu of all charges; but at the end of the year they must be either entered for consumption or re-shipped. (For weights and measures, commercial details, &c., see *Com. Dict., art. **Malaga and Spairs.**)

Malaga, independently of its export trade, has manufactures of linem and woollen cloths, sail-cloth, ropes, paper, leather, hats, and soap; an iron foundry and a cigar manufactory; but, excepting the latter, they are all on a small scale, and insufficient for the consumption of the linhab. Pilchard and anchovy flasheries also give employment to a considerable number of the lower classes. The market is well supplied, the show of fruit in particular being unequalled in Spain. Mr. Inglis quotes the prices of several leading articles, as follows: Beef and mutton, 10 quartos (about 3d.) per lb.; pork, 14 quartos; a fowl, 7 reals (3d.); a duck, 15 reals; a turkey, from 20 to 30 reals; a rabbit, 10 reals; and a partridge, 4 reals. Poultry, however, is here not only exposed whole, but also cut up into joints, like butchers' meat. A barrel of anchovies may be bought for 2 reals (4d.), and many other varieties of fish are remarkably cheap and plentiful. Potatoes are sold for 7 quartos the 6½ lbs; and excellent wine may be procured for 2 reals a bottle. Bread, one of the dearest articles of foof, fetches 12 quartos (3dd.), per lb., and eggs are sold for 1d. each. Melons, pomegranates, and prickly pears, which, with fish, constitute the principal food of the lower orders, are so cheap as scarcely to form an article of expenditure.

The general aspect of the pop. of Malaga is even more Moorish than that of Seyille, and affords innumerable pictures of Idleness. Hundreds of the lower classes appear in the streets doing nothing, sitting on the ground, olling against a wall, or lying on the steps of ch

The clasp-knife is in frequent use to gratify revenge, and murders often follow acts of robbery. (Compare Inglia, il. 188, with Toursacead, ill. 18.) This degraded state of morals is attributed, by Sir C. Brooke, partly at least, to the fact that convicts, called presidiarios, are detained here previous to their departure for, and after their release from, the penal settlement of Ceuta, in Africa, which see. (1. 574.) An efficient government would, however, speedily change the whole aspect of society; the impunity that crime has so long enjoyed in this miserable country being the great cause of its prevalence. The more respectable classes of the people are described as agreeable, hospitable, and generally fond of society, the ladies being equally witty and high-spirited with those of Seville, quite as showy in dress, and not a whit more strict in morals. The italian Opera is a favourite resort, and many ladies are good musicians. Numerous foreigners also reside in Malaga, especially English and Americans, who constitute, with a few of the government officers and merchants, the little of society. Most of these have country seats in the environs, the beauty of which is not surpassed in any part of Andalusia. The weather during summer is intolerably hot, and at this season, especially during the prevalence of the hot S. winds, the inhab. exclude the sun as much as possible, and remain at home during the day; but when the heat is succeeded by the refreshing coolness of the evening, the whole pop. is astir, and after nightfall the young people bathe for hours in the sea, a practice quite as conducive to health as pleasure. Nervous and epidemic fevers are still, however, very prevalent, and sometimes carry off great numbers of people.

Malaga, like most other cities of Spain, has had various masters. Built by the Phoenicians, and called by them Malacha, it came successively into the hands of the Carthaginians and Romans, both of whom procured from it considerable supplies of salt-fish and provisions. It then passed i The clasp-knife is in frequent use to gratify revenge, and |

Ferdinand the Catholic, in 1487. The yellow fever carried off nearly 22,000 of its inhab. in 1803, and reappeared, though attended with less fatal consequences, in 1813. Malaga was taken by the French in 1810, after an obstituate conflict with a body of Spaniards, officered by monks, and commanded by a Capuchin friar; and remained in their possession till 1812. (**ragisis* Spains*, ii. 136–153.; **Townsend***s Journey**, iii. 10–42.; **Cook's Sketckes**, i. 18–24.; **Surinburne**, i. 290–287.; **Sir Ac Capul Brooke's Spain and Morocco, ii. 202–207.) MALAY I'EN INS ULA, a long and narrow territory, forming a part of India beyond the Brahmaputra, and the most S. portion of continental Asia, lying chiefly between the last and 8th degs. of N. lat., and the 98th and 104th of E. long.; it has N. Lower Siam, with which it is connected by the isthmus of Kraw; and is on all other sides surrounded by the sea, called on the W. and S. the Straits of Malacca and Singapore; and on the E. the China Sea and Gulph of Siam. Length, N.N. W. to S. S. E., 450 m.; breadth varying from 50 to 150 m. Area estimated at 48,000 sq. m. As far as lat. 6° S. the country is claimed by the Siamese; but beyond that point the peninsula is subdivided among indep. native states and British colosies, which may be enumerated as follows, with their probable pop., as estimated by Lieutenant Newbold:

Exterior Native States-	Pop.	Interior Native States.	Pop.
Quedah and Ligor Perak Selanggre and Calang Johore (including Sejamet and Musz) Pahang Kemaman Kalantan Tringsau Patani Patani	50,000 85,000 11,000 25,000 40,000 1,000 50,000 10,000	Rumbowe - Sungle-tijong - Johole - Jompole - Jompole - Jellabu - Srimenati - Aborigines scattered ever the Peninsula -	9,000 3,600 3,000 9,000 2,000 8,000 9,000
British Possessions. Malnocs and Na Province Welles	253,000 ming (18 key (18		36,680 6

Total Population, 374,856 84,086 j.

Physical Geography. — The central and longest of the mountain chains, passing S. from the table land of Yunnan, through the Ultra-Gangetic peninsula, traverses this territory in its entire length. This mountain chain diminishes in height as it approaches the equator; and its highest peaks in Rumbowe and Jahore probably do not exceed 3,000 ft. in elevation; while many peaks in the N. part of Quedah are supposed to rise to upwards of 6,000 ft. above the sea. M. Ophir, a detached mountain in about lat. 29 30 N., and long, 1020 30 E., has been roughly estimated at nearly 5,700 ft. in height, but it is much more lofty than any other summit in the S. part of the peninsula. Between the above mountain chain and the coast, the surface is undulating, covered with dense

primeval forests, or interspersed with grassy plains, which are by far the most numerous and extensive in the primeral forests, or interspersed with grassy plains, which are by far the most numerous and extensive in the N. An abundance of rivers descend to either coast, in their progress frequently forming marshes and lakes, some of which are of considerable size. Their banks are generally low, swampy, and covered with mangrove and other thickets; and though several of them are broad, and moderately deep, the sand-banks, coral reefs, &c. at their mouths, usually preclude their navigation by vessels of any magnitude. A number of verdant islets stud the coasts, especially the north-western and the southern.

Geology and Minerals.— The Malay mountain chain, as far as it has been hitherto explored, consists chiefly of grey stanniferous granite and clay-slate. At its 3. extremity, porphyry occurs; hornblende is met with near Malacca; and quarts is very abundant around M. Ophir, and elsewhere. The geology of the R. coast is almost wholly unknown; but along the W., laterite, similar to that of the Malabar coast, is a very prevalent formation. Clay-slate, sandstone, argillaceous schist, jasper, limeatone, greywacké, and limestone, are the other most prevaleut rocks. Limestone composes a portion of several of the islands off the W. coast, while those off the S. coast are chiefly of granite or stenite. The Elephant rock in the Quedah territory is a mass of calcareous breecia, having many stalagmitic caverns, and interspersed with an abundance of fossil remains. At the S. extremity of the peninsula are evident traces of volcanic

S. coast are chiefly of granite or slenite. The Elephants rock in the Quedah territory is a mass of calcareous breccia, having many stalagmitic caverns, and interspersed with an abundance of fossil remains. At the S. extremity of the peninsula are evident traces of volcanic action; and numerous thermal springs, scattered over the country, testify the activity of subterranean heat at no great distance below the surface. These are sulhureous and saline. The springs at Ayer-pannas, near Malacca, were found by Newbold to have a temp. of 1200 Pahr. at noon, and of 1126 at 6 A. M.

The Malay peninsula produces tin, gold, and iron: tin is, in fact, among its principal articles of export. Mr. Crawfurd observes, that tin, wherever found, has a limited geographical distribution; but that, where it does exist, it is always in great abundance. The tin of Indian that of any other region, being found in considerable quantity from long, 98° to 10° E., and from lat. 8° N. to 3° S. (Indian Archip., iii. 450.) It has been lattrily stated that it is found in abundance at Sakána, in the interior of Tavoy, lat. 18° 40°, and in Siam even as far N. as 14°. At any rate the Malay peninsula appears to be the centre of the region in the eastern seas in which tin is distributed; and, inclusing the island of Junk-ceylon, it has been roughly estimated that its annual produce of this metal amounts to 24,600 piculs of 133 lbs. avoird. The ore of the peninsula is extremely pure, being that which is called stream. The ore of Sunjie-ujong, Naning, and Perak, is reported to yield 76 per cent. metal, whereas the ores of Cornwali, with all the advantages of European science and ingenuity, do not yield more than 75 per cent. But the process of smelting, as conducted by the Malays, being very defective, and adulteration frequent, the peninsular tin fetches only from 14¢ to 15 dollars the picul; while the tin of Banca, wrought by Chinese, sells at from 16 to 163 dollars. The export of peninsular tin may amount to about 2,000 tons a year, including fro

houses.

The Malay peninsula does not by any means so well merit the term Aurea Chersonesus, which has been before applied to it, as the neighbouring island of Sumatra. The exports of gold from the S.W. coast of that island amount, according to Marsden and Hamilton, to 26,400 oz. a year, while the annual produce of the peninsula is roughly estimated at less than 20,000 oz. It comes chiefly from the E. coast, and M. Ophir, where it occurs disseminated through quarts, in thin granular veins, and in alluvial deposits. Iron is found in Quedah, but only in small quantities.

The Climate is remarkable for its continual moisture, to which circumstance the perpetual verdure of the

The Climate is remarkable for its continual moisture, to which circumstance the perpetual verdure of the peninsula is mainly owing. The year is divided into the wet and dry seasons; but the term "dry season," must not be understood in the same sense as when applied to the climate of Hindostan; for, during its continuance, even three successive days rarely pass without a shower. On the W. coast the dry season comes in with the S.W. monsoon in May; the wet season, with the N.E. mosoon in October. Thunder storms, whirlwinds, water-spouts, and other atmospherical phenomena are frequent, especially during the S.W. monsoon.

**Yegetable Products* are both numerous and valuable. They include a host of trees, the timber of which is adapted for house and ship-building; the finest fruits of tropical climates, bemboos, canes, rattans, &c., of which the jungles are in great part composed; the areca, sago, and gomuti palms, the catechu, dragon's blood, and India

MALAY PENINSULA.

rubber plants, the upas of the Javanese, &c. It has been denied that teak is indigenous to the country; but, according to Newbold, the inland Malays affirm that it is occasionally found, and is known under the name of fati. The wild nutneg is a native of the country. The true nutneg, cinnamon, and clove have been long introduced, and thrive well. Tobacco, coffee, sugar, cotton, and the true indigo (Indigofera tinctoria), are cultivated with much success. Mr. Crawfurd (Embassy to Siam, &c., 1. 178.) estimates that the Malay peninsula produces \$28,000 piculis of pepper a year, or about 1-13th part of the total produce of the E. Rice, and other kinds of grain, are not grown in quantities sufficient for home consumption, and are therefore imported chiefly from Bengal and Sumatra. Bengal and Sumatra.

Dengal and Sumatra.

Elephants roam over the peninsula in great numbers; the rhinoceros, tapir, wild hog, the royal and the spotted black tiger, 2 kinds of bears, and 2 species of bison, the axis, plandok, musk-deer, and several other kinds of deer. axis, plandok, musk-deer, and several other kinds of deer, the vampire, and many varieties of bats, and numerous monkeys, are among the wild animals. The buffalo is a native, and is domesticated; but neither the cow. camel, horse, nor ass, are met with in a state of nature. The great density of the jungles is considered unfavourable to the increase of feathered game; but waterfowl are plentiful, and there are a great many pheasants of the richest plumage. Crocodiles, alligators, and several kinds of formidable serpents, are met with. The dugong, many turtles, and a plentiful supply of fine fish, are caught in the surrounding seas.

People.— The Malays have been ranked by some

caught in the surrounding seas \$Pcoptc. — The Malays have been ranked by some authors as one of the five great families, or varieties, of the human race. But this opinion is by no means generally entertained. Newbold says, "Both their features, and those of the aborigines in the native states around Malacca are decidedly characterised by the Mongol stamp." (I. 422.) And independent of the Malays having no peculiarity of form or feature to entitle them to be called a distinct variety, there appears to be sufficient evidence to show that they are a mixed race, of comparatively recent origin. Antecedent to the 12th century of our ara, the coasts of the peninsula, and the adjacent islands, were inhabited, though thinly, by a tribe of feathyophagi, and the interior by thinly, by a tribe of chithyophay, and the interior by a trace of negro savages, by whose descendants it is still occupied. In the course of the above century, a body of colonists, the ancestors of the present race of Malays, arrived on the continent, from Menankabowe, in Malaya, arrived on the continent, from Memankahowe, in Sumatra: and whether by intermarriage (as traditionally reported) or by conquest, extended their dominion over the whole peninsula. During the succeeding centuries they conquered Sumatra, the Sunda, Philippine, and Molacca Isles, with many smaller groups; and are now found in all those regions, and in Borneo, &c.; but without any centre of unity or power. The chief physical characters of the Malay race consist in a brown colour, varying from a light tawny to a deep brown; black hair, more or less curied, and abundant; the head rather narrow; the bones of the face large and prominent; the nose full, and broad towards the apex; and the mouth large. The average height of the men is about 5 ft. 2 in. A general character can hardly be assigned to a people so widely distributed. The Malay inhab. of the peninsula are, however, active, restless, and courageous; but their courage is not of a steady, deliberate character, but is rather a sudden ungovernable impulse, arising from a paroxysm of rage. "To their enemies they are remorseless, to their friends caprictous, and to strangers treacherous." (Hamditon.) Perhaps, their treachery to strangers may, in part at least, he occasioned by the behaviour of the natipathy excited against them by the behaviour of former strangers. Malcolm, who remained for some time in this region of Asia, says, that "in their intercourse with each other, domestic and private virtues prevail to as great an extent as among the adjacent nations. A propensity to gambling is a distinguishing trait in the Malay is an children, are often staked on the issue of a battle to be fought by his avourite cock." Malcolm admittant at "disregard of human life, revenge, idleness, and piracy, may be considered common to Malays. The universall practice of going armed makes thoughts of murder familiar. The right of private revenge is universally addicted, that his last morsel, the covering of his body, his wife and children, are often staked on the issue of a b Sumatra: and whether by intermarriage (as traditionally reported) or by conquest, extended their dominion over the whole peninsula. During the succeeding censystable tongues in as published in its form. It consists chiefly of Polynesian, an intermixture of Sanscrit and Arabic, and a dialect purely Malayan, which last, however, constitutes little more than 1-4th part of the written and spoken language. The literature of the Malays is almost entirely

derived from Hindostan, Persia, Arabia, Java, and Siam.

derived from Hindostan, Persia, Arabia, Java, and Siam. Arabic is exclusively their sacred language; and their religion also has been derived from Arabic, all the Malays, with triding exceptions, being Mohammedans. The negro tribes which inhabit the interior of the peninsula are called by the Malays Orang Brass, men of the soil. They appear to be a distinct variety, differing from and being inferior to both the African and Papuan negro. The average height of the men is only 4 ft. 8 inches. The Malay negroes are thinly spread over a considerable extent of territory in and behind Malacca, and thence N. to Mergui; but they probably amount in all to only a few thousands. They are divided into several tribes, some of which are said to dwell altogether in trees or clefts in the mountains. A few have learned a little Malay, and occasionally venture among the adjacent Malay tribes, to purchase tobacco and utensils; but of letters they know nothing. Coplous accounts of both the Malays and this people may be found in Neubolus's Malacca, §c., vol. ii. ch. 12, 14, 15.; and various details respecting the races unbaiting the Malay countries are given in the art. E. Aschipklado in this Dict. (1.149). For the Commerce of the British settlements, see Malacca, Singa-Foos, &c. POOR. &c.

The principal articles of export from the native states are tin, gold-dust, spices, elephants' teeth, pepper, sago, sugar, canes, timber for ship and house building, dammer, ebony, bees' wax, betel nut, sapan, and eagle-woods, hogs, poultry, buffaloes, tiles, and an immense variety of fruits; in return for which, opium, salt, cotton, cloths, tobacco, rice, and some Edropean manufactures, are the chief imports. The trade is principally with the British and Dutch settlements in the East, Siam, China,

and the adjacent parts of the E. archipelage.

In the 18th century a large proportion of this peninsula appears to have been under the sway of the Siamese, but since that time it has been mostly divided into the petty states before enumerated, the historical details of which states before enumerated, the historical details of which are destitute of interest. The successive settlements made by the Portuguese, Dutch, and British at Malacca, &c., are elsewhere noticed. The only recent event worthy of mention has been the subjugation of Quedah (or Keddah) by the Siamese, begun in 1821, and completely effected within about 10 years afterwards. (Nesobold's Malacca; Crawfurd, Malcom, Hamilton's E. I. Gas.; Lawrence's Lectures on Man, &c., passim.)

MALDA, a town of Hindostan, prov. Bengal, district Dinagepoor, on the Mahanunda, built chiefly of the ruins of Gour. from which it is distant about 12m. N. Erriy

of Gour, from which it is distant about 12m. N. Early in the present century it had 3,000 houses huddled toge-ther along the bank of the river, which, during the rainy ther along the bank of the river, which, during the same season, nearly insulates the town. The E. I. Company established a factory here as early as the 17th century; and there were formerly some prosperous French and Dutch sik and cotton factories in the town; but the trade of Malda has now sunk into irreparable decay, its manufactured goods being unable to withstand the competition of those introduced into India from Eu-

its manufactured goods being unable to withstand the competition of those introduced into India from Europe.

MALDIVE ISLANDS, or MALDIVES, a chain of islands in the Indian Ocean, extending between the lat deg, of S. and the 7th of N. lat., a distance of about 560 stat. m.; and between 72º 48° and 73° 48° E. long. The Laccadive Islands, to the N. of the Maldives, may not improperly be considered a continuation of this island-system. They are of coralline formation, arranged in round or oval groups called atolla, separated by several channels, which may be safely navigated by ships of the largest size. The different groups are surrounded by coral reefs, on which the surf beats violently; but between the Islands the sea is perfectly amooth, and forms safe harbours for small craft. These islands have been rarely visited by Europeans, though lying in the direct route to India. All that are of any extent are richly clothed with palms and other trees; but no edifice has been seen in sailing past them, whence it may be concluded that none exists higher than a cocca tree. The Maldives produce millet and other small grains, of which they have two harvests a year; but they are unsuitable for rice and wheat, which are imported. Esculent roots and fruits are found in the greatest profusion; and poultry are extremely abundant, and bred with little or no attention. There are neither horses nor dogs, and but few horned cattle. Fishing is an important occupation, especially that of cowries, a species of shells used as money in small payments in Hindostan and other Asiatic countries, and in extensive districts of Africa. The inhab. trade with Hindostan, Sumatra, &c., arriving at Belasore and other ports of British India during the S.W. monsoon with cowries, coft, the produce of the occoa-tree, salted fish, tortoise-shell, &c.; and sailing homeward with the N. E. monsoon, taking rice, sugar, manufactured goods, tobacco, &c. The popule of the Maldives are Mohammedans, and shell, &c.; and saling nomeward with the N. E. mon-soon, taking rice, sugar, manufactured goods, tobacco, &c. The people of the Maldives are Mohammedans, and probably of an Arabic stock. They live under a sultan, who, according to Hamilton, resides in Male, an island about 3 m. in circuit, fortified by walls and batteries,

on which above 100 pieces of artillery are mounted. The Sultan, however, considers himself dependent on the British government of Ceylon, to which he sends an annual embassy. (Geog. Josew. il. 72—92; E. J. Gez.) MALDON, a parl. and mun. bor., river port, and market-town of England, co. Essex, hund. Dengey, on the Cheimer, 14½ m. S. W. Colchester, and 37 m. E.N. E. London. Area of parl. bor. (which includes the par. of Heybridge with the old bor.) 4,719 acres. Pop., in 1841, 4,968. "The town, which is neither paved, lighted, nor watched, and does not appear to be in a flourishing contition, occupies the ridge of a hill on the S. side of the Cheimer, and consists principally of one long street, running parallel to the river, the E. end of this street forming the portion called 'the Hythe:' two other streets, one from the centre of the town, and the other from its W. end, unite at the bottom of the hill, and extend across the Cheimer into an almost insulated flat called 'Potman's Marshes.'" (Mass. Bossed. Rep.) The town-hall is an old building near the junction of the streets at the W. end of the town, and not far from it is an extensive range of barracks: there is also a small bor. gaol. Maldon had formerly 3 parishes; but two others have been long consolidated. The largest church, that of All Saints, near the town-hall, is an ancient and very large edifice, with a square tower, surmounted by a curious tringender solve. St. Mary's is a spacious building, bor. gaol. Maidon had formerly 3 parishes; but two of them have been long consolidated. The largest church, that of All Saints, near the town-hall, is an ancient and very large edifice, with a square tower, surmounted by a curious triungular spire. St. Mary's is a spacious building, at the lower end of the town, said to have been founded before the Norman conquest; but the tower and W. end were rebuilt in the reign of Charles I. The united vicarage of All Saints and St. Peter's is in private patronage, the rectory of St. Nary's being in the gift of the dean and chapter of Canterbury. St. Peter's tower is the only part now standing of that disused par. church, and annexed to it is a building formed of the old materials, which has long been used as the depository of a valuable library containing 6,330 vois., bequesthed to the town, in 1704, by Archdeacon Plume, founder of the Plumian professorship of astronomy in the university of Cambridge: the tower part, which has since been much enlarged, is occupied by the national school, furnishing instruction to about 270 poor children of both sexes. The grammar-school, founded in 1631, received an additional endowment from Dr. Plume, who also gave it an exhibition in Christ's College, Cambridge. The estates vested in the hands of trustees yield about 521, which, after some slight deductions for land-tax, and repairs, are paid over to the head-master: 6 free-scholars receive classical instruction gratis, paying a fee for other branches; and there are, besides these, about 12 payscholars. Dr. Plume left also a considerable property, the annual produce of which amounts to about 1801, for the clothing and instruction of 15 poor boys, and the foundation of a week-day lecture in the church; besides which, he built a workhouse, lately sold under the provisions of the Poor-law Amendment Act. There is also a large Lancastrian school, with two or three minor charities, and money-bequests. (Char. Comm., 32d Re-cort, D.1.) The R. Catholics. Wesleyan Methodists, and the provisions of the Poor-law Amendment Act. There is also a large Lancastrian school, with two or three minor charities, and money-bequests. (Char. Comm., 32d Report, p. 1.) The R. Catholicr. Wesleyan Methodists, and Baptists, have their respective places of worship; attached to which, as well as to the churches, are respectably-attended Sunday-schools. Maldon is not a manufacturing town; but it carries on a considerable home trade in coal, iron, chalk, and timber, which it exchanges for corn, and other farming produce. There belonged to the port, on the 1st Jan. 1850, 184 ships, of the aggregate burden of 7,893 tons. Gross customs revenue, in 1846, 1,5504. The trade of the town, however, is said to be stationary or declining; and the principal cause assigned is the new navigation to Chelmsford, which has been carried 1 m. N. of Maldon along the adjacent village of Heybridge to the Blackwater. (Mass. Corp. Report.)

Maldon claims to be a bor. by prescription; but its first charter dates as far back as 1155, and was confirmed by Rdward 1. and subsequent monarchs. The present municipal officers comprise a mayor and 3 other aldermen, with 12 councillors; a commission of the peace is held under a recorder. Corporation revenues in 1848-96471. Maldon has sent 2 mems. to the H. of C. since the reign of Edward 1. Down to the Reform Act, the franchise was vested in the resident and non-resident freemen, by birth, marriage, servitude, gift, or purchase.

irancinie was vested in the resident and non-resident freemen, by birth, mariage, servitude, gift, or purchase. The Boundary Act enlarged the limits of the bor., by including in it the par. of Heybridge. Registered elec-tors, in 1849-50, 819. In cases of succession to burgage tenures, the custom of borough-English prevails here. Markets, well attended, on Saturday; cattle-fairs, Sep. 13.

Markets, well attended, on Saturday; cattle-fairs, Sep. 13. and 14. (Part. Rep., &c.)

MALDONADO, a fortified sea-port town of the Banda Oriental in S. America. on the N. bank of the Plata, not far from the mouth of the estuary, and 85 m. S. Monte Video. Its harbour is sheltered from S.E. winds by the small island of Gorritt, but it has little depth. Pop. uncertain. "Maldonado is a quiet, forlorn, little town, bulk with the streets running at right angles to each other, and having in the middle a large plaza or square, which, from its size, renders the scantiness of the popu-

MALMESBURY.

lation more evident. It possesses scarcely any traske, the exports being confined to a few hides and live cattle. The inhabs. are chiefly landowners, with a few shop-keepers, and the necessary tradesmen, such as black-saniths and carpenters, who do nearly all the business for a circuit of 50 miles round. The town is separated from the river by a band of sand-hillocks about a mile broad: it is surrounded on all other sides by an open, slightly undulating country, covered by one uniform layer of fine green turf, on which countless herds of cattle, sheep, and horses graze." (Derwise Voyage of the Adventure and horses graze." (Derwise Voyage of the Adventure and horses graze." (Derwise Voyage of the Adventure and horses graze." In the substance of the light road between Cork and Limerick, 18 m. N. by W. the former, and 37 m. S. the latter city. Mallow, properly so called, is built on the N. side of the river, being united by a bridge of 15 arches, to its suburb of Ballydaheen on the S. side of the river. The latter is included in the parl. bor. as fixed by the Boundary Act, which comprises an area of 378 scres, and had, in 1841, a pop. of 6,851. It consists principally of one main and well-built street, nearly parallel to the river; and has a handsome parish church, a R. Cath. chapel, 2 Methodist chapels, an Independent meeting-house, a court-house, a bridewell, barracks, and infirmary, with commodicus baths, a public reading-room, library, &c. On its W. side are the ruins of its old castle, the property of the lord of the manor. There are here two schools, one attended by about 300 bys, and the other by about 130 girls, both under the control of the Board of Education. The town is surrounded by thriving plantations, and is situated in a peculiarly rich and well-cultivated part of the country. "Though the river be not navigable, and that it possesses, the properties of which are much the same as those of Clifton, and in the neighbourhood there is an expense of the first respectability." (Parl. Boundary aprings, similar to those at Sps. and manufactures of fine woollen cloth, glue, and soap; but it is chiefly noted for its manufacture of leather for boot soles, with which it supplies a considerable portion of Germany. There are sald to be 50 tanneries in active employment; hides are imported principally from S. America, and bark from the forest of Ardennes. (Berghaus; Schreiber, Guide

imported principally itom. States and the forest of Ardennes. (Berghous; Schreiber, Guide dis Rhim, &c.)

MALMESBURY, a parl. bor., market-town, and par. of England, co. Wilts, hund. of same name, on the Avon, 174 m. N.N.W. Bath, and 86 m. W. Loodon. Pop. of parl. bor. (which includes, with the old bor., two outpars. and the several pars. of Brokenborough, Charlton. Garsdon Lea, Grest and Little Somerford, Foxley, and Bremhilham), in 1841, 6,674. The town, formerly fortified and more extensive, is pleasantly situated on a hill close to the Avon, by which it is nearly encircled, and which is here crossed by six bridges. It consists of three principal streets, two of which running parallel are intersected by the third. In an open space near the centre of the town is the market-cross, an octangular turreted structure, with flying buttresses and highy carved, supposed to have been erected in the reign of Henry VIII. There appear to have been formerly se-

weral churches in Malmsbury; but it now contains only ense, the living being a vicarage in the gift of the lord chancellor. The Wesleyan Methodists, Baptists, Unitarians, and Moravians, have likewise their respective places of worship, and there are three Sunday schools. Two free-schools, one of which is conducted on the national system, and well attended, furnish instruction to poor children of both sexes, and there are two sets of almahouses. "Maimesbury is not a place of any trade, nor is it even a considerable thoroughfare. No new buildings are rising in the suburba, and it contains few bouses appearing to be occupied by persons in independent circumstances: indeed, it has altogether the air of a place on the decline, and must now be considered as entirely an agricultural town. (Part. Bossed. Rp.).

The hort, which is of high antiquity, received its governing charter from William III.; and it was considered too insignificant to be included in the provision of the Municipal Reform Act. It has sent 2 mems. to the H. of C. from the 22 Edward I.; the franchise, previously to the Reform Act, being in the high steward, alderman, and 12 chief burgesses. The Boundary Act anlarged its limits, by including with it the two outpars., as above mentioned. Registered electors, in 1849-80, 316. Markets on Saturday, and a cattle market on the last Tuesday of each month, except March, April 38, and June 5.

A nunnery was founded here at the close of the 6th

and June. Horse and cattle fairs, March 28. April 28. and June 5.

A numery was founded here at the close of the 6th eratury. Other monasteries were formed here in the two following centuries; and it was a place of considerable and rising consequence as the resort of religious recluses, including, among other establishments, an abbey, which afterwards attained to high celebrity. The Danes destroyed the town at the close of the 9th century; but monastic wealth and the beneficence of princes soon restored its prosperity, which it enjoyed almost without interruption till the Reformation. The chief monument of Halmesbury's departed greathess is its abbey, the entire buildings of which, with the church, covered about 45 acres. Little, beyond mere foundation walls, is now left except the church, which appears to have been a very magnificent structure, and presents some fine specimens of different arms of architecture, but chiefly of the early English. It was cruciform, with a tower rising at the intersection of the transepts, and another at the W. end, the front of which was exquisitely finished and adorned with saulpture, having also a very fine window filled with painted glass. During the civil wars, however, when Malmesbury was repeatedly besieged, both by the royalists and parliamentarians, the church, already partly dismantled, suffered great injury; both its towers were battered down, its cloisters demotished, and now only a fourth part of the building; but the ruins are highly interesting, and the 5. porch is one of the finest specimens of its kind in England. In the town are several other remains of ancient monastic and ecclesiastical buildings; and about 1m. from it is a 8 feld called Cams-hills, in which are evident vestiges of a Roman encampment.

Malmesbury claims the honour of having given birth

I m. from it is a field called Cams-hills, in which are evident vestiges of a Roman encampment.

Malmesbury claims the honour of having given birth to Aldheim and Johannes Scotus, William of Malmesbury, second only to the Venerable Bede among our early historians; and Hobbes, so eminent by his metaphysical and political speculations, was a native of Malmesbury, where he first saw the light in 1588. (Parl. Rep.; Britten's Arch. Antiq. of G. Britain, vol. 1.)

MALMO, a strongly fortified sea-port town of Sweden, eap. the lan. Malmohus, on the Sound, nearly opposite Copenhagen, and 110 m. S. W. Christianstadt. Pop. (1888) 8,789. It is irregularly built, but has wide streets and a fine market place. It has a citadel, two churches, two hospitals, manufactures of woollen cloth, stockings, prepared akins, carpets, hats, gloves, tobacco, starch, soap, looking-glasses, &c., and a brisk trade in the products of these establishments, and in corn; its port, however, admits only small vessels.

good roadstead N.W. of the town, and opposite the mouth of the Rance, which is defended by various forts; the principal, La Conchée, being constructed on an all but in-accessible rock, a considerable distance of shore. St. Maio accessible rock, a considerable distance off abore. St. Malo is the seat of tribunals of primary jurisdiction and commerce, a board of artillery, &c., and is the residence of various foreign consuls. It has a hydrographical school of the first class, a chamber of manufactures, a royal tobacco factory, naval sope walks, and dry docks for the building of vessels of various sizes. It has also manufactures of fishing-nets and hooks, pulleys, and other marine fittings, soap, &c.; a considerable trade in provisions with the French colonies, a brisk coasting trade, and numerous vessels employed in the mackerel, cod, and whale fisheries. St. Malo has given birth to several distinguished persons; among whom may be mentioned the brave admiral Juguay de Trouin, Jacques Cartier, Maupertuis, La Bourdonnaye, &c. (Hugo, art. Ille-ct-Vilaine, &c.)

clistinguished persons; among whom may be mentioned the brave admiral Duguay de Trouin, Jacques Cartier, Maupertuis, La Bourdonnaye, &c. (Hago, art. Ille-et-Vilaine. &c.)

MALPAS, a market-town and par. of England, co. Chester, hund. Broxton, 13 m. N.N.W. Chester, and 183 m. N.W. London. Area of par., 25,140 acres: ditto of township, 2,110 acres. Pop. of township in 1841, 1,022. The town, which stands on an eminence near the 8 extremity of Cheshire, and on the E. side of the valley of the Dee, comprises 3 tolerably bullt and well-paved streets. The living is divided into 2 rectories, in the patronage of the Egerton and Drake families. The patronage of the Egerton and Drake families. The patronage of the Egerton and Drake families. The church (formerly the chapel to a Chiniac monastery), a structure of unhewn stone, consists of a nave and chancel, without either ailed or steeple; it is highly ornamented, and some of its decorations are supposed to belong to the Saxon smra. There are also 2 chapels of ease within the par.; and several denominations of dissenters have their respective places of worship. A grammar school was founded here in the 17th century; but the free instruction is limited to 6 boys, appointed by Lord Cholmondley. The master's salary from the endowment is 234, with a good house, &c.; and he is also permitted to receive pay scholars, of whom there were 15 in 1836. Alport's school (founded in 1719) has good plain instruction to boys, girls, and recently also to infants, with clothing for 14 boys. In 1836, there were in attendance 49 infants, 87 boys, and about 50 girls. The other charities comprise an almshouse for 6 poor women, with an allowance of bread and money: and arge sums have been left, at different times, for the relief of the poor. (Char. Comms., 31st Rep.) Malpas is an agricultural town, and derives its chief importance from its large market for cheeses, and its position to the centre of a great dairy-farm district. Markets on Moday: cattle and cheese fairs, April 5., July 25., and De

Monday: cattle and cheese fairs, April 5., July 26., and Dec. 8.

MALPLAQUET. a small village of France, dep. du Nord, 16 m. N.N.W. Avenes. This place is celebrated as the scene of one of the bloodlest and most obstinate conflicts of modern times. On the 11th of September, 1709, the allied army, under the Duke of Marlborough and Prince Eugene, attacked the French army under Marshal Villars in their entrenched camp near Malplaquet. The combat was maintained on both sides with undamnted courage and resolution; but in the end the allies succeeded in forcing the entrenchments. The victory, however, was purchased by the sacrifice of above 20,000 men, killed and wounded. Though vanquished, the loss of the French did not exceed half that number, and they effected their retreat in good order. According to Voltaire (Siciele de Louis XIV., cap. 21.), who derived his information from Marshal Villars, the army of the allies amounted to 80,000, and that of the French to 70,000, though other accounts represent each army as about 100,000 strong; but, whichever be the more correct statement, there are certainly very few, if any, instances of so great a carnage in an engagement where the defeated army effected an orderly retreat.

MALTA (an. Melita), an island of the Mediterranean Sea belonging to Great Britain, 62 m.

soap, looking-glasses, &c., and a brisk trace in the products of these establishments, and in corn; its port, however, admits only small vessels.

MALO (ST.), a fortified see-port town of France, def. Ille-t. Vilaine, cap. arrond., on the British Channel, 40 m. N.N. W. Rennes, and 200 m. W. by S. Paris. Lat. 489 39 39 30 N., long. 20 0 51" W. Pop. (1846) 8,479. The town is built at the mouth of the Rance, on the pendinsula of Aron, connected with the mainland by a causeway. It is defended by strong walls with four bastions constructed by Vauban, and a castle with four bastions constructed by Vauban, and a castle with four bastions constructed by Vauban, and a castle with four bastions constructed by Vauban, and a castle built by Anne Duchess of Brittany. On its N. side it is inaccessible; but, from the want of outworks, it could not hold out against a regular stegs. The town is in many parts well built, and has some excellent houses. Its chief public edifices are a cathedral, bishop's palaces, town-half, theatre, hospital, founding asylum, communal college, and exchange. The port, on the S. side of the town, is commodious and accure, but is rather difficult of entrance, and dries at low water; though at high water springs it has a depth of above 40 ft. in 1856, however, the French Chamber passed aresolution for the construction here of a floating dock or basin. It has a Vol. II.

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sists of soft calcareous sandstone only scantily covered with soil, great part of which has been carried thither from other countries, or artificially created by breaking the surface of the soft rock into small fragments, which with soil, great part of which has been carried thither from other countries, or artificially created by breaking the surface of the soft rock into small fragments, which crumble by exposure to the air, and in the course of two or three years become good soil. It has neither lake nor river; and from its geological formation, and the absorbent nature of the soil, has no marshy or swampy ground, except, indeed, two spots of very limited extent at the head of the Great Harbour and St. Paul's Bay, where the sea has receded and left an accumulation of moist soil, from which noxious exhalations have been supposed to emanate. There is no exuberant vegetation, brushwood, or forest; the verdure is scanty, and the greater part of the surface is an arid rock. The climate of Maltz, from its being exposed to the winds blowing from the African and Syrian deserts, is unusually hot, especially during summer, when the heat almost equals that experienced in tropical regions. This heat not only lasts during the day, but, owing to the radiation of the caloric absorbed while the sun is up, it continues, with little abatement, throughout the night; so that, by an excess of heat for months together, a feeling is induced among the inhabitants of extreme lassitude and oppression. The medium temperature of the three coolest months (Dec., Jan., and Feb.) is 57½ Fah., the maximum 61½, and the minimum 53½ or while the medium of the four hot months (June, July, Aug., and Sept.) is 78°, the maximum 82½, and the minimum 53½ or while the medium of the four hot months scarcely a drop falls, the sky being generally without a cloud. The most prevalent winds in Malta are from the S.E., S., and N.W.; the first of which, well known as the scirocco, is at once the most prevalent (especially in autumn) and the most disagree-able in its effects on the human frame; neither are there any regular land and sea breezes, as in some southern countries, to modify the temperature. With respect to the salubrity of Malta, the most favourable opinions have been en

even as regards the indigenous inhabitants of Dota countries, Maita would appear to be leas healthy than Britain, and seems only to enjoy the average salubrity of the S. of Europe, in which the mortality varies from I in 35 to I in 40 of the pop. annually.* The mortality, moreover, is sometimes increased by the prevalence of epidemics, and on two late occasions by plague and cholera, the former of which, in 1813, cut off 4,500 of the inhabitants, being 80 per cent, of those attacked. For further particulars as to the climate of Maita, we beg to refer the reader to Major Tulloch's elaborate Report on the Sickness, Mortality, &c., of Troops in the Mediterranean.
Cultivation in Maita is pursued with equal diligence and success. In former times the entire surface was but one mass of barren rock; but continued industry has not only rendered a large part of it capable of tillage, but given it fertility. The rock having first been levelled in terraces, the small particles were pulverized and mixed with soil, while the larger masses were employed on crecting walls to sustain these artificial beds. Soil was, also, at first, brought from Gozzo, and even Sicily; but after a time this was found unnecessary. Owing to this laborlous perseverance, Maita is now, on the whole, featile libert the cultivated next at the street artificial to the cultivated next the street was also, and the cultivated next the street at the continuous perseverance, Maita is now, on the whole, featile interactive the cultivated next the street at the street at the street the cultivated next the street at the street the cultivated next the street the street the cultivated next the cultivated next the street the surface and the street the stre was, also, at first, brought from Gozzo, and even Sicily; but after a time this was found unnecessary. Owing to this laborlous perseverance, Malta is now, on the whole, a fertile island, the cultivated parts "yleiding annual and often double crops without a fallow, and frequently 80 or 90 fold." (Sir R. C. Hoare's Towr, Il. 286.) Cotton is the principal product both of Malta and the neighbouring island of Gozzo, the annual crops of which average about 4,000,000 lbs. It is sown in May, and gathered before sunrise in Oct., the chief vent for it being in the ports of Triesta, Leghorn, Genoa, and Marseilles. The corn crops suffice for the supply of the inhab, with bread during four or five months a year: the remainder is imported from Sicily and the Black Sea, the duties on its importation making it rather high-priced. The grass of the island, called ssilla, is similar to saintfoin, and some, though small crops, are raised of cummin and aniseed. The vine has been cultivated with some care; but its produce is very inferior, and wine, as well as oil, is imported from Sicily. Figs and oranges are very abundant, and of superb flavour. Brydone says, that "the Maltese oranges are deservedly considered the finest in the world. The season con-

tinues upwards of seven months, from Nov. till the middle of June, during which time the trees are covered with an abundance of delicious fruit. Many of them are of the red kind, and these are certainly the best. They are produced from the common orange bud engrafted on the pomegranate stock, and the juice of the fruit is red as blood." (Brydone's Tour, p. 181.) Some good springs of fresh water are made available for the purposes of tillage; and numerous large cisterns and aqueducts are constructed for the purposes of irrigation. Still, however, Malta imports the principal necessaries of life. Sicily and Odessa supply her with corn, oil comes from the ports of Italy, and wine from Naples and Stelly; from which latter, also, snow and tee are brought, no trifling luxuries in an arid climate like that of Malta. Horses and oxen come chiefly from Barbary, but also from Greece and Albania.

Port and Trade.—The central position, excellent port, and great strength of Malta, make it an admirable naval station for the repair and accommodation of the men-of-war and merchant ships frequenting the Mediterranean, and render its possession of material importance to Gress Britain. It is also of considerable consequence, particularly during war, as a commercial depot, where goods may be safely warehoused and from which they may be sent, when opportunity offers, to any of the ports belonging to the surrounding countries. Malta likewise presents unusual facilities for becoming the entrepot of the corn-trade of the Mediterranean and Black Seas. Her carricator for corn are, like those of Sicily and Barbary, excavated in the rock, and are, perhaps, the best fitted of any in Europe for the safe keeping of grain. The harbour of Valetta, which lies on the N.E. side of the island; is with marked into two sections by a promontory or tongue of land on which stands the cap, defended by the castle of St. Elmo. The S.E. side, called the Grand Port, is the most frequented, having an entrance about 250 fathoms: it runs inwards about 13 m., has centre is an island on which are built a castle and laza-retto. The Custom-house and storehouses are in the Grand Port, and furnish every facility for landing and warehousing goods. An excellent dock-yard, victualling office, naval hospital, &c., have been constructed for the use of the navy. As a trading port and carrefol, Valetta rose to high distinction during the war with France; but rose to high distinction during the war with France; but at the general peace, when commerce reverted to its at the general peace, when commerce reverted to its attack, which was took from Maita a large portion of its trade, which was also depressed by the imposition of various oppressive discriminating duties. In 1819 this vexatious system was partially obviated; but it continued to exercise a very pernicious influence till 1837, when, in consequence of a commission of inquiry, the then existing tarifle of customeduties and port charges were wholly abolished, and a new tariff was substituted, imposing moderate duties, for the sake of revenue only, on a few articles in general demand, without regard to the country whence they came, at the same time that it equalised the tonnage duties, and reduced the warehouse rent on articles in bond to the lowest level. the lowest level.

the lowest level.

The custom-house obstructions to the natural advantages enjoyed by Malta for becoming one of the great emporiums of the Mediterranean, being thus happily removed, her trude has latterly been much extended. She is particularly well situated for becoming a principal seat of the corn trade; and the fact, that not withstanding ber deficient warehouse accommodation, her imports of foreign corn in 1847 were valued at 713,000. and her exports at 450,000., show the extent to which the trade may be expected to arrive after that enlargement of the warehouses which is now in progress has been commay us expected to arrive after that entargement of the warehouses which is now in progress has been completed. In 1847, the agg, burden of the vessels which entered the port of Malta amounted to 541,696 tons, and in 1848 to 524,696 tons.

In 1848 to 524,806 tons.

There belonged to Malta, in 1838, 171 vessels, of the age, burden of 17,500 tons, and since Malta-built ships were admitted into the ports of the United Kingdom on the same terms as British-built, the trade of ship-building has somewhat increased. In 1847 and 1848, 22 vessels were built at Malta, of the age, burden of 5,751 tons. The vessels, which rank among the best in the Mediterranean, are built with oak timber from Dalmatia; the Melicean are diligent expert shipwights; and their Mediterranean, are built with oak timber from Dalmatia; the Maltese are diligent expert shipwrights; and their wages being moderate, Valetta is a favourable place for careening. Owing, however, to the want of a dry dock, all ships, above the size of a sloop-of-war, requiring to have their bottoms examined, are obliged to come to England for that purpose. The articles of export comprise British and foreign manufactures, with colonial produce, chiefly to the ports of the Mediterranean, cottom, both raw and manufactured of island growth, wool, cigara, grain, and pulse, sall-cloth, wine, spirits, &c. The im-

This is the statement given by Major Tulloch; but to manufacen between England and Malta quite accurate, all enald be made for the rapid increase of pop. in the former also the mortality appear less than it really is.

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ports comprise manufactured goods (chiefly from Great Britain), colonial produce, wheat from Sicily and the Black Sea, wine and spirits, tobacco, and salt-fish, with numerous minor articles. At an average of the six years, ending with 1838, the value of the exports of the produce and manufactures of the United Kingdom to Malta, amounted to 164,632t. a year. Latterly, however, the exports have increased. They amounted in 1849 to 287,744t. and are likely to increase with the general resort of foreign shipping to the island. Malta has, within the last few years, become the centre of a very extentive steam-packet system, the steamers from and to England, the lonian Islands, Alexandria, &c. touching here. The French steamers, between Marseilles, Alexandria, and other parts of the Levant, usually perform quarantine at Malta. The industry of the island comprises the manufacture of cotton fabrics, the annual value of which may amount to from 70,000t. to 90,000t. Cabinet work is made for exportation to Greece and the lonian Islands; soap leather, maccaroni, iron bedsteads, &c. are made on a smaller scale; and the Maltese goldsmiths are remarked as a smaller scale; and the Maltese goldsmiths are remarked as a smaller scale; and the Maltese goldsmiths are remarked hallow the elegance of their gold filagree-work, neck chains, &c., the exports of which are valued at about 1,000t. a year. The currency of Malta consists partly of British silver and copper, introduced in 1825, but partly also of Malteses scudi of the value of 1s. 5d. English, of Bysnish dollars valued at 4s. 4d., and of Sicilian dollars at 4s. 2d. each. The weights most in use are the rottole or pound = 12,216 English grains, and the castero, comprising 100 rottoli or 147s ibs. avoird. Corn is measured by the saltwes = 8*221 Winchester bushels, and oll is soid by the capteo, which contains \$\frac{1}{2}\$ English grains, and the castero, comprising 100 rottoli or 147s ibs. avoird. Corn is measured by the saltwes = 8*221 Winchester bushels, and oll is soid by the revery 101. 10s. silver, receiving the silver of other countries at a fluctuating rate of exchange. There are two joint-stock banks in Maita, the united capital of which may amount to 20,000f: they discount good bills, of abort date, at 6 per cent., keep cash without charge, and issue notes payable at sight, which peas current through the island, except in transactions with the government. Any person may establish himself as a merchant, and numerous Englishmen, Frenchmen, and Sicilians carry on an extensive commerce; while among the native traders, perhaps the wealthiest of all are those who speculate in articles of consumption for the island, buying a great variety of goods, in small quantities, for ready money, and realising large returns by retail as well as wholesale trade. (For further particulars as to the trade, port regulations, and tariff, see Commercial Dictionary, art. Malta.)

Government and Garrison. — Malta is a crown colony, the local government of which is conducted by a governor, immediately responsible to the secretary of state for the immediately responsible to the secretary of state for the colonies. In legislative matters, however, he is assisted by a council of seven persons, appointed by the crown, and at present consisting of the Rom. Cath. bishop of the island, the military officer second in command, the chief justice, and chief secretary, with three unofficial members, appointed by the governor. All orders in council have the force of laws. The principal administrative department, custom-house, land-revenue department, and and to the control of the tradictory, and generally require revisions revenue amounted in 1848 to 117,2081. derived from the results of government property, custome and quarantine dues, and internal taxes; and this notwithstanding the reduction of the public burdens in consequence of the recommendations of the late commission of inquiry. The expenditure during the same year was estimated at 103,085, inc. not only the salaries of the various government officers, but the expenses attending the maintenance of the public roads, as well as liberal contributions for the support of schools and public charities. The military force of Malta consists almost entirely of British troops, varying between 2,000 and 2,500 men. There is also an force of Malta consists almost entirely of British troops, varying between 2,000 and 2,500 men. There is also an engineer and artillery corps, the entire maintenance of which, as well as of the army generally, falls on England. There is likewise a native regiment, comprising about 500 men, called the Malta fencibles; but their duties being exclusively local, and rather of a civil than military nature, the maintenance of this body (costing about 11,000. a year) is defrayed out of the revenues of the leland.

island.

Religion and Education.—The national religion of the Malasse (secured by the English government) is Roms. Catholic, to which the people are strongly attached, scrupulously observing its rites, and celebrating its festivals; but, notwithstanding their sincere asherence to the church of Rome, they entertain little or no jealousy of the Protestants: both parties observe the greatest moderation and deference

for the religious opinions of each other. There are in all no fewer than 1,000 Rom. Cath, clergymen, the church property producing about one fourth part the rental of the island. The Protestant places of worship comprise the governor's chapel, naval chapel, Church missionary chapel, and Wesleyan mission chapel; besides which, a church has recently been erected at Valetta, for the exclusive use of the English garrison. The total number of Protestants does not, however, exceed 5,000. Education till recently has been much neglected; but within the last 15 years several new schools have been established, the principal being the Normal free schools at Valetta, Senglea, Notabile, in Maita, and Rabato in Gozso, giving instruction in 1836 to about 1,500 children. Other primary schools are scattered through the villages. Valenta, Sengias, Notanie, in maita, and Anasto m Gozzo, giving instruction in 1836 to about 1,500 children. Other primary schools are scattered through the villages, and there are about 80 private Schools. The university of Valetta, founded in 1771 by the grand master, Pinto, and now occupying the convent of the suppressed Jesuista, is supported by the government, at an expense of between 1,000L and 1,200L a year, and had (including the lyceum) 275 students in 1836. The bishop has an ecclesiastical seminary at Notabile, giving religious instruction to about 50 boys. Instruction is commonly conveyed in these schools in the Italian language, the mother-tongue of the Maltese (a patois of Arabic, mixed with a little Italian), being wholly unwritten, and never applied to the purposes of literature. English is spoken by many of the higher classes, and is making considerable progress even among the lower orders in the cities. In the rural districts, however, Maltese is spoken almost without exception.

even among the lower orders in the cities. In the rural districts, however, Maltese is spoken almost without exception.

Massers of the Prople.— The Maltese are as dark as the natives of Barbary, but without the Arab features, the men being of middle height but erect stature, robust and active; while the women, though small, and of dark complexions, are graceful, with regular and sometimes handsome features. The working classes are described as laborious and frugal, living on very slender fare, the great bulk of them being employed either in agricultural labour, or quarrying and cutting stone for exportation to Constantinople and Alexandria. The Maltese are celebrated all over the Mediterranean for their good and intrepld seamanship. The dress of the men is a short loose waisteoak, covering a cotton shirt; short loose trowsers leave the leg bare from the knea, and on the feet are worn korcks, a kind of sandals, nearly resembling those of the ancient Romans. The women wear short cotton shifts, blue striped petiticoats, corsets with sleeves, and a loose jacket covering the whole. A black vell, called the faddetts, is the out-of-doors beaddress of the women; whereas the men wear woollen caps in winter, and straw hats during summer. (Sie R. C. Hoare's Tour, ii. 288.) The morals of all classes are much higher than in most parts of S. Europe; and if there be less refinement of manners in the Maltese than among their continental neighbours, there is less vindictiveness and intrigue, while drunkenness and gambling

Heare's Tour. ii. 288.) The morals of all classes are much higher than in most parts of S. Europe; and if there be less refinement of manners in the Maltese than among their continental neighbours, there is less vindictiveness and intrigue, while drunkenness and gambling are almost unknown. A few of the aristocratic families, ennobled by the knights of Malta, yet remain, but they form a very small portion of the pop., and few of them possess large property.

Cities and Touns. — The principal towns are Valetta, built in 1866, by the famous grand master, John de Valetta, as being more conveniently situated for a cap. than the old inland city called Citta Vecchia, the former cap. of the Island, and identical with the ancient Melita. Valetta, on the N.E. coast, in the centre of a fine double harbour, in lat. 35° 8′ 6′ N., long. 14° 31′ 10′, has a pop. incl. the garrison, and its suburb, Vittoriosa (on the S.E. side of the great harbour), of about 60,000. It is very strongly fortified, and from its position on a hill, as well as the almost impregnable works and trenches that surround it, has a most imposing appearance; nor is the visiter less struck with its internal beauty. The atreets, though generally steep, are wide and well paved with lava, while the public squares and quays along the harbour, are of noble proportions, indicative of the former wealth of the knights of Malta. The governor's palace and gardens, lying outside the walls, were formerly occupied by the grand-master: a public library (once belonging to the Order) contains upwards of 40,000 vols.; and the general hospital is not only used for the reception of sick troops, but has ample room for stores, and other purposes: the Floriana hospital is also a large building occupying two sides of a quadrangle; and in the suburb of Vitoriosa is a third military hospital. Other hospitals are open for the relief of the native sick, and among the other public buildings may be mentioned the barracks, prison, thestre, university, collegiate church of St. John, and

MALTON (NEW).
large catacombe, "some of which are said to extend 18 m. under ground!" (Brydone, p. 188.) This old and decayed city is strongly fortified, and the cathedral is an extremely large and lofty structure, underneath is a grotto in which, as the monks inform us, St. Paul concealed himself for some time after his shipwreck. They have equally authentic legends respecting other localities close to the city. The towns are mere villages, besides which there are about 40 hamlets, chiefly remarkable for their picturesque and well-built churches. The roads, generally speaking, are good, many of them having been recently much improved; but the inland transport is, notwithstanding, chiefly by horses, mules, and assee, nor do the few carts lately introduced meet with much favour from the natives.

Ia, notwithstanding, chiefly by horses, mules, and asses, nor do the few carts lately introduced meet with much and the few carts lately introduced meet with much Neighbouring Islamsis.— About 4½ m. W. of Malta is the small island of Gozso. It produces considerable quantities of cotton, the cultivation of which constitutes the chief occupation of the islanders, who differ in no essential respect from the Maltese. An English garrison is stationed at Chambray, a strong fort elevated about 800 ft. above the sea, and there are other military works well adapted for the defence of the island. Between Gozso and Malta is another, though very small island, called Cumino, which belongs to a single proprietor, who derives from it the title of a prince palatine.

History.— Malta was probably first discovered by the Phenicians, who communicated to the Greeks its oldest known appellation of 'Ωργρικ.* From the Phenicians it passed to the Carthaginians, from whom it was taken by the Romans in the first Punic war, and made a prefecture subject to the prætor of Sicily. St. Paul, during his voyage from Palestine to Rome, was wrecked here; and being kindly received by the people, performed some miraculous cures, which made him be "honoured with many bonours, and, when he departed, laden with such things as were necessary." (Acts. xxvii. 28—44; and xxviii. 1.—10.) Ou the decline of the Roman empire, Malta fell under the dominion of the Goths, and afterwards of the Saracens. It was subject to the crown of Sicily from 1190 till 1523, when the emperor Charles V. conferred it on the knight hospitallers of St. John of Jerusalem, who had a short while previously been expelled from Rhodes, giving them power to levy taxes, import wards of the Saracens. It was subject to the crown of Sicily from 1190 till 1525, when the emperor Charles V. conferred it on the knights hospitaliers of St. John of Jerusalem, who had a short while previously been expelled from Rhodes, giving them power to levy taxes, import duties, &c. for the maintenance of the Order, on condition that they should wage perpetual war against the Turks and Corsairs. It was besieged by a powerful Turkish armament for 4 months, in 1555, but without success; the knights, under their heroic grand master, John de Vacteto, founder of the city called by his name, having succeeded in repelling all their attacks, and compelling them in the end to retreat with vast loss. During more than 150 years, the Island maintained itself against the Ottoman power; but the Order was never sufficiently wealthy to attempt foreign conquests, or equip numerous fleets. At length, however, the inexpediency of the continuance of the piratical contests, in which the knights had been so long engaged, became obvious; and, in 1724, they concluded a truce with the Turks, which secured for the Maitese in Turkey the same privileges as the French. The subsequent history of Maita till its surrender to the French has little worthy of notice. In 1798, a French feet of 18 ships of the line, with 18 frigates, and 400 transports, arrived off Valetta, having Napoleon on board; and the treachery of the French knights, who desired to be the subjects of France rather than Russia, rendered the capture of the island, with its cap., no very tedious or difficult task; and accordingly, after some fighting, the island capitulated 12th July, 1794, one month after the arrival of the fleet, when the Order of Maita was virtually extinguished. In consequence of the irreligious practices and oppressions of the French, the Maitese rose cs masse to expel them; and compelied them to take refuge in the towns, where they were closely blockaded for upwards of two years. At length, the French, being reduced to extremities, surrendered on the

The town, which occupies an eminence on the W. bank of the river, is very irregularly laid out; but the buildings,

MALWAH.

chiefly of stone, are decidedly improving in quality: on the opposite side of the Derwent, crossed here by an anciest bridge, shaped somewhat like an inverted Y. is the suburb of Norton in the E. riding, a thriving and increasing place; and about 1 m. N.E. of the town is the village of Old Malton, formerly of some consequence, but now exhibiting all the symptoms of decay. (Parl. Bound. Rep.) The public rooms, theatre, and workhouse, are handsome modern buildings; and near the bridge stand the remains of a castle, built by the Vesci family, and destroyed by Henry II. There are two churches, one of which is surmounted by a tail unfinished spire: the livings are curactes, dependent on Old Malton, and is the gift of Earl Fitzwilliam. The Wesleyan Methodists, Preubyteriams, and the Society of Friends have their respective places of worship; and there are 3 well attended Sunday schools. New Malton has 2 subscription schools for children of both sexes; but the grammar-school, founded by Archbishop Holgate, is at Old Malton. The Detwent being navigable up to New Malton bridge, is made available for the shipment of large quantities of corn, hams, bacon, and other farm produce. Malting and tanning are carried on to a considerable extent, and there are are two large porter breweries; but the chief descendence of the town is on its retail trade with the corn, hams, bacon, and other farm produce. Malting and tanning are carried on to a considerable extent, and there are are two large porter brewerles; but the chief dependence of the town is on its retail trade with the opulent gentry of the neighbourhood. New Malton is a bor, by prescription, governed by a bailiff. It has returned 2 mema to the H. of C. since the 23d Edward I. Previously to the Reform Act, the franchise was vested in the burgage holders and inhabs, rated to church and poor. The limits of the bor, were enlarged by the Boundary Act so as to include the entire pars. of New Malton, and the pars. of Old Malton and Norton. Resistered electors, 1849-70, 722. New Malton is also one of the polling-places at elections for the N. riding; and the petty sessions are held here for the E. div. of wap. Ryedale. Markets on Tuesday and Saturday, but chiefly on the latter for horses and cattle, corn, bacon, and farming implements. Very large cattle fairs, Monday before Easter, day before Whitsunday, and Oct. 11.

MALVERN, GREAT, a town, par., and celebrated watering-place of England, co. Worcester, hund. Pershore, 74 m. S. S. W. Worcester, and 104 m. W. N. W. London. Area of par., 5,078 acres. Pop., in 1841, 2,511. This town, which for many years has been a place of fashionable resort, in consequence of its delightful situation in

"The vale of Severn, Nature's garden wide,
By the blue steeps of distant Malvern wall'd,
Solamnly vast ——"Drun's Flanc.

stands on the E. declivity of the well-known hills bearing its name, and is neat and well built, comprising, besides good houses for the tradespeople, several hotels and substantial private residences for visiters. The church, a fine cruciform structure of Angio-Norman and pointed architecture (lately renovated in excellent taste), is 171 ft. in length, with an embattled and pinnacled tower rising 124 ft. above the intersection of the nave and transepts. It formerly belonged to a Benedictine monastery, founded here in 1083, and long one of the wealthiest and most important religious establishments in England. At the dissolution of the monasteries, when the rest of the property was sold, the church was bought by the inhabitants and made parochial. Malvern has long been noted for two medicinal springs, the chief of which (St. Anne's well) is bituminous, and enjoys a good reputation for the cure of nervous and cutaneous diseases: stands on the B. declivity of the well-known hills bearing

reputation for the cure of nervous and cutaneous diseases: the other is a simple chalybeate, and little frequented. About 3 m. S. is the village of Little Malvern, the road to which skirts the Malvern Hills, an extensive range composed of greenstone and quarts covered in parts with blue limestone, and running from N. to S. about 10 m., with an average breadth of 3 m. The acclivities in many parts are very gentle; but the summit of the ridge, which attains a height of 1,444 fr., commands magnificent views over Wales and the cos. of Hersford, Worcester, and Gloucester.

which attains a height of 1,444 ft., commands magnificent views over Wales and the cos. of Hereford, Worcester, and Gloucester.

MALWAH, a prov. of Hindostan, chiefly between lat. 220 and 260 N., and long. 740 and 800 B., having N. Rajopootana and Agra, W. Gujrat, B. Allahabed, and S. Gundwanah and Candelsh, from which it is separated by the Nerbuddah. The central part of this prov. is a table-land, extending from the Vindhyan mountains on the S. to the Chittore and Mokundra ranges on the N., and Esand W. from Bhopoul to Dohud; but which seldom rises to more than 2,000 ft. above the sea. It declines gently towards the N., in which direction flow most of the principal rivers, as the Chumbul, and its chief affluents, the Kall-Sind and Betwah, tributaries of the Jumna, and the Mhys, which falls into the Gulph of Cambay. The climate is usually mild and salubrious, except for about two months after the rains, when fevers are very prevalent. The total fall of rain from June to September has been estimated at 50 inches. The soil consists either of a loose black loam, or a more compact ferruginous mould, both noted for their fertility. Wheat, grain, pease, jowares,

There are, however, no good grounds for believing that the island was known to the Greeks in the time of Homer, and we regard the action that of ther Maita or Gozzo was the island of Calpoo, referred to in Homer's Object, as suworthy credit. Beveral German critics as the Objecty have writims learned easys on this subject, but a glassow at the island, which of course was below their notice, would have nationed to show the firstlitty of their caleboarts trilling.

MAMERS.

hajree, mang, and maize, are among the chief grains cultivated; the first two furnishing the largest export. Bloe is raised only in small quantities sufficient for home consumption; but opium, sugar, tobacco, cotton, linseed, garlic, turmeric, and ginger, are grown to a considerable extent. A little indigo, and the root of the Morinda citrifolia, which supplies a red dye, are also raised, and truits, including grapes, flourish in greet abundance.

Opium is by far the most valuable product of Malwah, the soil and climate of which appears singularly well adapted for the cultivation of the poppy. The Malwah nopium is considered by the Chinese, for whose consumption it is chiefly grown, superior in strength, in the proportion of 7 to 3, to that of Bahar and Benares, though inferior in flavour. Since the pacification of central India, the quantity of opium produced in Malwah has increased very rapidly, so much so, that while the total exports of Malwah opium to China, in 1821, did not amount to 3,000 chests, they amounted to about 21,000 chests in 1839, worth above 2,000,000l. (Documents relating to the Opium is freely carried on; the cultivator paying a proportionally heavy land-tax for the land occupied in its culture. Previously to 1830, the Bombay government endeavoured to obtain a monopoly of the sale of opium in freely varried on; the cultivator paying a proportionally heavy land-tax for the land occupied in its culture. Previously to 1830, the Bombay government endeavoured to obtain a monopoly of the sale of opium exported from the ports under that previous previous them of the Malwah produce were carried to the Portuguese settlement of Damaum ansewhere, to be exported. But at the above period, the attempted monopoly was abandoned, and a permit, or transiti-duty, similar to that imposed in other states through which the opium passes, was laid on in its stead. Since them 9-10ths of the Malwah popum have been shipped at Bombay; and in 1833, the trade yielded to the British government an annual revenue

Exports on E. I. Affeirs, 1830-32, which has since been materially augmented. The tobacco of the prov., especially that of the Blish district, is also, beyopd all comparison, the best in Hindostan.

Malwah is the chief seat of the Bheel race, as it was of the Pindarry and Mahratta powers. It is almost wholly divided among the dominions of native princes, the chief of whom are Scindia, Holkar, and the rajahs of Bhopaul, Kotah, Dewass, &c. Except the Maharajah of the Punjab, Scindia is the only prince in Hindostan who can be called independent of British authority; but his independence has more of semblance than reality, for the power of his dynasty has been completely broken by a succession of reverses: his dominions are surrounded by the territory of the British, or their allies, who are bound to negotiate with foreign states only through the intervention of the British. A stationary British camp is kept up in his neighbourhood; and he is obliged to receive an English resident at his court, and to furnish a contingent of 15,000 men to the Anglo-Indian army. The dominions of Scindia are estimated to comprise 22,940 sq. m., with a pop. of nearly 4,000,000; and to yield a gross annual revenue of 2,206,000 rupees, out of which the chief derives a nett subsidy of 1,561,000 rup, yearly. The chief cities belonging to Scindia are, Gwallor, his modern, and Oojein, his ancient cap. The states of the other chief native princes of Malwah have been briefly noticed under Indoax, Buopaul, Kotau, &c. (Parl. Reports; Hamilton's E. J. Gaz.)

MAM BRS, a town of France, dép. Sarthe, cap. arrond. 34 m. N.N.E. Le Mans. Pop. (1846) 5,865. It is indifferently built, but has of lata been greatly improved. It is a town of great antiquity, and was surrounded with metrenchments by the Normans, some remains of which are called the "fossés du Robert le Diable." It has a handsome Gothie parish church, a college, a prison, some public baths, a theatre, manufactures of hempen, cotton, and woolen fabrics, pearl buttons, &c. and several tannerie

2,004 ft. high. Several rills and streams flow from the high ground in different directions; but there are no rivers nor lakes of any considerable size. The prevailing feature in the geology of the island is clay-slate, interspersed with mics-slate; and covered, near the coast, with grauwacké and old red sandstone. Limestone also is found on the 3, side, near Castleton, intersected in some parts by veins of trap. The clay-slate is quarried

MAN (ISLE OF).

at a place called Spanish-head, near Castleton; and stones are raised in blocks averaging about 7 ft. in length, by 1 ft. in breadth, and 6 inches in thickness. Drawing and roofing slates are quarried on the W. side of the island, not far from Peel. Close to Castleton, on the shore, are limestone and marble quarries, which have been worked for many years, and furnished a part of the stone for St. Paul's Cathedral, London. The island also produces lead, sinc, and copper, raised in considerable quantities by the Chester mining company, and by private parties. But mining and quarrying are in a very depressed state; the tools employed are of the rudest description; and not even a common crane is to be seen in the quarries. (Head's Home Tour, vol. iii. p. 19.)

The climate of Man is considered milder during winter than that of the adjacent parts of Great Britain and Ireland. Frost and snow are rare; and when they do

a ne chimase of man is considered minder during whiter than that of the adjacent parts of Great Britain and Ireland. Frost and snow are rare; and when they do occur, they are seldom of long continuance. Owing, however, to the frequency of fogs and dews, as well as to the prevalence of E. winds, during many weeks of spring, the summers are deficient in heat, and the harvest is generally rather late. The climate however is, on the whole, lavourable to health: cases of long-wity are frequent, epidemics rare, and agues unknown. The soil is extremely various. Clay and mari, covered with white sand, predominate in the N. and N.W. extremity of the island, which is covered with examty herbage, affording sheep pasture; but, proceeding 8. and E., the quality of the soil improves, and, in the valleys especially, are some tracts, partly sand and loam, and partly stiff clay. No part of Man is, however, very productive; nor are any great pains taken to improve its natural resources. The mountains, commons, and other waste lands, include about 54,000 acres, leaving above 100,000 acres for tillage. Agriculture has considerably improved since the dimination of the hearing shear was the second and the considerably improved since the dimination of the hearing shear when the second considerable considerable in the considerab about 54,000 acres, leaving above 100,000 acres for tillage. Agriculture has considerably improved since the diminution of the herring fishery has made the men turn their attention to farming, which used to be exclusively the occupation of women: wheat, barley, and potacose are raised in sufficient quantities for exportation, and within the last few years, the turnip husbandry has been introduced with some success by the English and Scotch settlers. The implements, however, are very rude; and the division of land into small farms has combined with the herring fisheries and smuggling to retard improvement. The extent of land under white crops, and the average produce of each in 1835, were estimated as follows:

Wheat 8,000 acres, at 2\(\frac{1}{2} \) error error 21,250 qrs.

Barley 5,000 4 2,000

This was supposed to leave a surplus of about 5,000 qrs.

Wheat 8,000 acres, at 24 are, per acre 21,250 qrs. Barley 5,000 - 4 - 20,000
Oats 13,000 - 4 - 20,000
This was supposed to leave a surplus of about 5,000 qrs. of wheat, and 3,000 of barley, over the consumption. Peas are cultivated in the N. parts, clover is a favourite crop, and fax is raised by almost all the farmers for domestic use. The cattle of Man, which at present consist of a mixture of Irish and British breeds, are small and short-horned, running to fat, and not yielding milk till they are six years old. Ayrishire cows have, however, been recently introduced with much advantage. The native sheep, which are small, hardy, and usually of a white or grey colour, are slow feeders, long in coming to maturity, and very coarse-wooled; they are now, however, confined to the hills, the lowlands being mostly stocked with improved breeds. The island yields a race of hardy ponies, capable of much labour, and requiring little food; but for draught and farming purposes other breeds, chiefy Irish, have been imported of larger size and strength. Man had formerly a peculiar breed of hogs, now totally extinct, the animals at the present day being of various kinds, some of which resemble the Chinese variety. Red-deer formerly ranged in the mountains but the game at present consists of hares, rabbits, partridges, snipes, and woodcoks. Foxes and polecats are not found, neither are there any poisonous animals on the island; but weals and rats are very numerous, and detrimental to the farmers. The Manks tenures are remarkable; the different pars, of which there are 760 quarterlands, and they are esteemed by the islanders as property of the highest nature, in fact strictly entailed estates. Other lands, called fatacts and cottages, are devisable by will, and on the whole considered to be of a far inferior nature. The yeomen are very promot of these little free-holds, which range from 10 to 200 acres, and usually comprise portions of pasture as well as arable land; "but there can be no doubt," says Lord Teigmouth, "that the sy

proved system of management, even if they felt inclined island 342 vessels of the burden of 7,229 tons, being a to its adoption, which is seldom the case; there being considerable increase on previous years; and as it no more obstinate adherents to routine, and ancient lies in the line of the steamers plying between Liverto its adoption, which is seldom the case; there being no more obstinate adherents to routine, and ancient practices, than the Manx husbandmen. Many of them thus become involved in debt, and mortgage their property, the redemption of which being seldom in their power, they are dispossessed of it, and compelled to leave the island, or to resort to trade or predial labour. Hence the class of small proprietors is gradually disappearing: numbers of them having been swallowed up in the extending estates of the Scotch and English residents. residents.

in the extending estates of the Scotch and English residents.

Man used to be one of the principal seats of the herring-shery; but for several years past it has been comparatively deserted by the herring-shoals, and the fishery has, in consequence, become quite inconsiderable, though even now it is the frequent practice of the farmers to purchase a boat, and share in the excitement and profit of the season. This diminution, however, is not to be regretted, as the fishery was carried on from July to October, exactly when the services of the yeomen and others engaged in it, were most necessary at home. Being also a kind of lottery, in which, by a few weeks labour, large sums were occasionally realised, it attracted crowds of adventurers, without either capital or skill; while the irregular life led during these pursuits tended to encourage intemperance, and was a main cause of the indolence for which the Manx have been long notorious. There has, in fact, been a material improvement in the habits and industry of the people since the decline of the fishery; and there are, perhaps, few things less to be desired for the island than its revival. The herring appear off the coast of Man in June, remaining till September 19 the propersion of the coast of Man in June, remaining till September 19 the propers and the coast of Man in June, remaining till September 19 the coast of Man in June, remaining till September 19 the propers and the coast of Man in June, remaining till September 19 the propersion of the coast of Man in June, remaining till September 19 the propersion of the coast of Man in June, remaining till September 19 the propersion of the coast of Man in June, remaining till September 19 the propersion of the coast of Man in June, remaining till September 19 the propersion of the coast of Man in June, remaining till September 19 the propersion of the coast of Man in June, remaining till September 19 the propersion of the coast of Man in June, remaining till September 19 the propersion of the coast of Man in June be desired for the island than its revival. The herrings appear off the coast of Man in June, remaining till September, when they seek the E. coast of Ireland to deposit their spawn. The fishing vessels now built are much larger than formerly; they are half-decked, with very short keels, and are good sea-boats, though apt to pitch to a dangerous extent in rough weather: they vary from 18 to 30 tons burden, and are manned by 8 or 10, and sometimes 12 men. Cornish, Westh, and Irish fishers also visit Man; and, according to Sir J. Rennie's estimate, it appears that out of 250 boats, and 2,000 men employed in 1830, only 110 boats with their crews belonged to the island, 100 being Cornish or Welsh, and about 50 Irish. The cod-fishery has been neglected, owing to the want of adequate capital for the supply of proper vessels and linet.

of adequate capital for the supply of proper vessels and lines.

The manufactures are chiefly domestic, and carried on by women, most of whom, when not in the field or farmyard, are employed at their looms or spinning-wheels, producing woollen, linen, and cotton cloths, both for the home and foreign supply, as well as nets for the use of the fisheries. Bleaching is conducted on a large scale in Laxey Glen, stuffs being sent thither from all parts of the island. A paper-mill and brewery are also established in the same neighbourhood. A woollen manufactory is established at Douglas; and hats, made of coarse wool, which cost about 2s. are said to wear extremely well. The exports consist principally of corn, potatoes, eggs, lime, and limestone, lead and copper ore, herrings, linen, sail-cloth, and paper. Owing to the lale of Man having been formerly independent, a discrepancy has, for a lengthened period, existed between the duties on commodities in it and in Great Britain, the former being considerably lower than the latter. This distinction which still subsists, has occasioned, at different times, a great deal of smuggling, particularly on those articles on which high duties have been imposed in this country. This, however, is now materially reduced by adopting the plan of allowing only certain quantities of those goods on which the Manx the stand (viz. wine, 110 tons; spirits, except British, 80,000 gailous; tea. 75,000 lbs.: surgar. to to the island (vis. wine, 110 tons; spirits, except British, 80,000 gallons; tea, 75,000 lbs.; coffee, 8,000 lbs.; sugar, 10,800 cwt.; and tobacco, 60,000 lbs.): and by maintaining 10,500 cwt.; and topacco, e0,000 10s.): and by maintaining an extra number of customs officers and revenue cruisers for the suppression of smuggling. Nothing, however, can be more impolitic than the continuance of such a system. The public has, at a very heavy expense, purchased all the feudal rights of the Atholi samily; and that have the most the best men that the public has a six is the time they are discounted to the public has a six is the time they are discounted to the public has a six is the time they are discounted to the public has a six is the time they are discounted to the public has a six is the time they are discounted to the public has a six is the time they are discounted to the public has a six is the time they are discounted to the public has a six is the public has a six is the public has a six in the six i chased all the feudal rights of the Atholl family; and that being the case, it is high time that an end abould be put to the anomalous absurdity of having a considerable island lying, as it were, in the very centre of the empire, and in the direct line between some of the principal trading towns, with discriminating duties on many important articles. In making any change, it would, of course, be necessary to make the inhabitants some compensation for the temporary inconvenience that it would occasion; but this might be done with advantage to the natives, and without expense to the public, by modifying and improving the internal regulations and legislative policy of the island, which would eventually lose nothing by the change. In 1836 there belonged to the

* The mortgages on land, held chiefly by the English, amounted, it is said, in 1835, to 800,0001, which at 5 per cent. would amount to 60,0001, a year.

island M2 vessels of the burden of 7,299 tons, being a considerable increase on previous years; and as a files in the line of the steamers plying between Liverpool and Glasgow, most of which touch at Dougha, it has begun to be largely frequented by visiters from these cities and other parts of the empire, whose indux has begun to be largely frequented by visiters from these cities and other parts of the empire, whose indux has materially contributed to the improvement of its principal towns. To this cause, indeed, the present improved tate of Man may be chiefly ascribed. It is also the residence of Man may be chiefly ascribed. It is also the residence of numerous half-pay officers, and others, who are induced to live here in consequence of the lower duties on many articles of domestic consumption.

The condition of the labourers receive about is. a day; and skilled labourers, if we may so call their clumpy tradesmen, get about 3s. a day, which, considering the low price of provisions, is certainly ample. There is no legal provision for the poor, who have to depend wholly on voluntary charity. Generally speaking, the cottages are of a very inferior description: they are frequently built of earth or sod, and thatched with straw, having a funnel of sall-cloth, as a substitute for a chimney. There were, however, a few improved cottages, and their number will, no doubt, increase with the spread of improvement. The feudal sovereignty of Man, which was a kingdoss prior to 1604, was held by the Stanieys, afterwards Earls of Derby, and their successors, the Dukes of Atholl, from 1426 to 1765, when parliament, conscious of the injury which the revenue and the public generally received from the contiguity of an island only feudally subject to the crown, and hence affording refuge to debtors, outlaws, and smugglers, purchased from the Duke of Atholl, from 1826, and Great Britain now enjoys all the rights and privileges of sovereign of the island. The constitution, however, was left untouched; and for many years, at least, cluded in a small volume. Attornles occasionally plead in the courts; but the sultors quite as frequently defend their causes in person: law is cheap, and, as was to be expected, litigation is very common. There are two supreme judges in the island called dematers, or "awarders of the law "officers of the law to the la law," officers of high antiquity, and exercising jurisuctives over all civil and criminal cases; being the presidents (under the crown and governor) of the two courts of chancery and exchequer, each of which is held eight times a year. The former of these has little more to do than to confirm or annul the decisions of the deemsters, who officers of high antiquity, and exercising jurisdiction

cery and exchequer, each of which is held eight times a year. The forner of these has little more to do than to confirm or annul the decisions of the deemsters, who hold a primary court of judicature; and the exclusive business of the latter is to punish offences against the revenue laws. The common-law courts are held at different places for the 6 different skeadings into which the island is divided, and may be considered as courts of "common pleas," in which all actions, personal or real, may be tried, as in the deemsters' court, by a jury of 6 in real, or of 4 in personal actions. The appeals from this court are first to the House of Keys, afterwards to the governor, and finally to the Queen's Privy Council. A half-yearly gaol-delivery is made compulsory, and bailiffs act in the five chief towns to hear and determine cases of debt under 40s. (Peliham's Tour, pp. 25—44.; Lord Teignmouth, il. 227—241.)

The established religion is that of the Church of England; all sects, however, enjoy full toleration. The clergy are under the bishop of Sodor and Man, suffragan to the archbishop of York, but holding no English barony, and hence having no voice in the legislature, though privileged to sit in the House of Lords. This see has been held by several highly celebrated divines; and among others, by Barrow, Wilson, and Ward. An ecclesiastical court is held twice a year, either by the bishop or his vicars-general, and an archeacon regulates the fabrics and minor concerns of the 17 parishes. These cures are commonly well attended to by respectable clergymen; but their stipends do not average 90t. a year; and the churches, though externally pretty, are miserably deficient in accommodation. The dissenters are unimportant. Bishop Wilson and other prelates have done much to promote education, not only by establishing schools, but also by translating the Scriptures and other books into the Manx language. Each parish has its school more or less richly endowed; and while elementary instruction is given in the Manx, every endox

which so many entertain against a union with England. A collegiate school was established a few years ago, through the exertions of the late Bishop Ward; and though the funds were far too small for the expected outlay, the establishment, being well conducted, at-tracted numerous students, and has, on the whole, been

successful.

The Manx, like the Welsh, and Scotch Highland-The Manx, like the Welsh, and Scotch Highland-ers, belong to the great Celtic family, which proba-bly occupied the whole United Kingdom previously to the immigration of the Belgæ. Their Celtic origin is clearly evinced by their language, which is a mere dialect of the Irish, Erse or Gaelic. They have a swarthy romplexion, stout, with an air of melancholy pervading their countenances. Indolence, and a love of litigation, are distinguishing characteristics of the male part of the now. Even, at present, workmen rest for two hours in are distinguishing characteristics of the male part of the pop. Even, at present, workmen rest for two hours in the middle of the day, when they may be seen stretched under hedge-rows by the road-sides. The women, however, are extremely industrious; and or them devolve not only the production of domestic manufactures, but also a large share of the labours of agriculture. They are hospitable, superstitiously attached to existing iostitutions and religious forms, and treat bishops and clergy-men as heights of an explicit particular. are nospitative, superstanding and treat bishops and clergymen as beings of an exaited nature; but they are, notwithstanding, drunken, indelicate, dirty, and addicted to
pilifering. Their old habits and prejudices are now,
however, gradually giving way; the increasing influx of
visiters, during the summer season, having, in this respect, effected an important and beneficial change. The
filter of society is composed of the government officers
and the large landholders, with a few church dignitaries;
the other clergy, the attornies, and medical men being
too poor to mingle with the first circle.

The rocky islet, or Calf of Man, aircady alluded to, at
the S. extremity of the island, was formerly the resort
of was numbers of puffics (Procellaria Paffinus Lath.).
At present, however, the bird is there entirely unknown.
It was supposed to have been driven from this favourite
haunt by the too great destruction of its young. These
were beld in considerable estimation; and Pennant mentions that, in his day, great numbers of them were taken

tions that, in his day, great numbers of them were taken every year by the person who farmed the filet. It ap-pears, however, that rats that had escaped from a vessel

pears, however, that rats that had escaped from a vessel wrecked on the coast, were the real exterminators of the birds. (Quayle's Surrey, p. 8.)

The early history of Man is obscure. It was the Mona of Cassar, and the Monapia of Pliny; but we know little more of it beyond mere traditions of its being held by the Druids, and subsequently by Norweylan monarchs. Ill, in 1264, it was purchased by Alexander III. of Scotland, who appointed a vicercy, and made it tributary. The Scotch were soon afterwards expelled by the English, but the power of the latter was not established rill the Scotch were soon afterwards expelled by the English but the power of the latter was not established till the reign of Henry IV., who granted it to the Percys, from whom it fell, by attainder, and thence passed by gift of the same monarch to the Stanley family, by whose heirs it was sold to the British crown.

The chief towns of Man are: 1. Castletown, in which

It was sold to the British crown.

The chief towns of Man are: 1. Castletown, in which is the college above mentioned, the seat of legislature, and the residence of the governor (pop. in 184), 2283); 2. Douglas (which see), the chief trading town, with 8.647 inhab.; 3. Peel, formerly celebrated both as the residence of the earls of Derby and the cap. of the kingdom, but now decayed, and having only a pop. of 2,133 persons, which is about the same as that of Ramsey, one of the steam-packet stations between Liverpool and Glasgow, on the N.E. side of the island. (Anayle's Survey, and Feltham's Tour; Lord Teigmmouth's Scatland and L. of Man, il. 181—202, and appendix, &c.; Head's Home Tour, il. 1—90.)

MANAAR (GULPH OF), an inlet of the Indian Ocean, dividing Ceylon from the S. extremity of Hindostan; extending between lat. 7° 30° and 9° N., and long, 28° and 80° E. It is in general too shallow to be navigated by vessels above the size of sloops; and is separated by the islands Ramissiram and Manaur, and the chain of rocky Islands and sandbanks called Adam's Bridge, from another inlet of the sea called Palk's Strait, also between Ceylon and the continent. The Island of Manaar is 18 m. in length, by 2½ m. broad; but has little importance of any kind. For further particulars, see Cevton (1.576).

MANCHA (LA), a prov. of Spain in the S. part of New Castlle, hounded S. by Granada, E. by Cuença and Murcia, and W. by Estremadura. Area about 7,500 sq. m. Pop., 250,000.? This district consists chiefly of lofty and barren plains, upwards of 2,000 ft. above the sea, and is, without exception, the least pictures que and productive

barren plains, upwards of 2,000 ft. above the sea, and is, without exception, the least picturesque and productive in the whole peninsula. But it produces corn, wine, olives, in the whole peninsula. But it produces corn, wine, olives, and saffron: the Val-de-Peñas, a light red wine, is highly esteemed all over Spain. The mules of this prov., also, are the largest and strongest in the peninsula. La Mancha, however, derives its chief celebrity from the inimitable work of Cervantes; and many of the customs he has depicted are still prevalent in the province. The cap, of La Mancha is Ciudad Real, once a flourishing city, but now decayed, and having at present a pop. of only 8,000 persons. 8,000 persons.

MANCHESTER.

MANCHA (REAL), a town of Spain, in Andalusia, prov. Jaen. 8 m. E. the city of Jaen. Pop., according to Midano, 4.938. It is situated in a spacious plain, and comprises some regular-built streets and handsome squares; its chief builtings being a par. church, (Carmelite convent, and hospital. Woollen and linen cloths, bedicks, and sacking, are made here, with bricks and tiles in large quantities, for the supply of the prov. The neighbourhood is both picturesque and fertile, producing, with little tiliage, abundant crops of olives, with smaller quantities of wine and grain.

MANCHE(LA), a mark dep. and peninsula of France, formerly included in the prov. Normandy, between lat. 48°40° and 49°40° N., and long. 0°40° and 5° W., encircled on the W. and N. sides, and partly on the E. by the English Channel (Manche), whence its name; and elsewhere bounded, on the E. by the depa. Calvados and Orme, and S. by Mayenne and Ille-et-Viliaine. Length N. to S. about 86 m.; greatest breadth nearly 40 m. Area, 593,776 hectares. Pop. (1846) 60%/34, Surface is generally undulating. A chain of hills, of no great elevation, runs through the dep. in a N.W. direction, dividing it into two nearly equal parts. Near its N.E. and S.W. extremities are some marshy tracts. Its N.E. and S.W. extremities are some marshy tracts is mostly abrupt and rocky, especially in the N., but thas several groot roadstrade and commodious har-The chief rivers are the Vire and the Ouve. The coast is mostly abrupt and rocky, especially in the N., but it has several good roadsteads and commodious harbours, of which Cherbourg is the finest. In 1828, about 380,400 hectares were estimated to be arable, 94,000 in patture, 24,000 in woods, 20,300 in orchards, and 46,390 in heaths, wastes, &c. Agriculture is better conducted than in many other depa. The produce of corn, which is chiefly whest and barley, exceeds the home consumption: potatoes are an important substitute for grain; and, in 1836, the crop amounted to nearly 67,400 hectolitres. Beaus, peas, and a good deal of hemp and flax, are raised. The dep. is beyond the limits of the vineculture; but about 1,000,000 hectolitres of superior cider are annually produced, and some perry. In 1830 there were about 189,000 black cattle in the dep; and fat hectolitres. Beans, peas, and a good oeas on remp and usar, are raised. The dep. is beyond the limits of the vine-culture; but about 1,000,000 hectolitres of superior cider are annually produced, and some perry. In 1830 there were about 183,000 black cattle in the dep.; and fat cattle and butter are among its principal products. It had also, in the same year, about 291,000 sheep, estimated to yield annually 411,800 kilogr. of wool, though chiefly of inferior quality. There is a considerable traffic in horses and mules. Poultry are reared in great abundance; large quantities of eggs being exported from Cherbourg and Valognes to England and the Charnel Islands. In 1835, of 193,038 properties subject to the contribution fonciers, 62,792 were assessed at less than 5 fr., and 36,599 at from 5 to 10 fr. The cyster and other fisheries on the coast are important; but, according to flugo, fish are less plentiful than formerly. Among the mineral products are iron, lead, coal, marble, slate, and granite; which last is found of excellent quality in the Chausey Islea, a group of finall islands off the coast of this dep. Sail-works are established at several places on the coast. Manufacturing industry is employed on iron, copper, sinc, woollen, linen, cotton, and various other materials. Cutlery, glass, paper, hair fabrics, lace, &c. are produced; and in some cantons, baskets, panniers, willow sieves, &c., are made, and sent into other parts of Normandy, and into Brittany. But its principal trade is in agricultural produce and fish, fresh or salted. Manche is divided into six arronds; chief towns, St. Lo, the cap., with 8,339 inhab, Cherbourg. Coutances, Arranches, valognes, and blortain. Total public revenue (1844) 17, 922, 162 fr. This dep is rich in Cetitic and Roman antiquities. (Hugo, art. Manche i (Ifficial Tables, &c.)

MANCHESTER, a parl. bor. and par. of England, the great centre of the cotton manufacture of Great Britain, and the principal manufacturing town in the world, co. Lencaster, hund. Salford, on the Irwell

manufacturing town in the world, co. Lancaster, hund. Salford, on the Irwell, an affluent of the Mersey, 31 m. E. Liverpool, 35 m. S. W. Leeda, 70 m. N. Birmingham, and 163 m. N. N. W. London; lat. 53° 29′ 50″ N., long. 2° 15′ W. The entire par. of Manchester includes an area. of 34,260 acres, comprising 30 townships, and had, in 1841, a total pop. of 353,390 persons. The following table exhibits the area, pop., and rate of increase in the contiguous parl. bors or Manchester and Salford, the limits of which pretty correctly define the extent of the town

pretty correctly define the extent of the town and its suburbs: — [See top of next page.]

From this table it appears, that the rate of increase in the two boroughs, during the 40 years ending with 1841, was 2248 per cent.; and in the bor. of Salford, 259-6 per cent., a rate exceeded only by Preston, and one or two other towns. In 1773, the pop. of the township of Manchester was estimated by Dr. Percival at 22,481, and that of Salford at 4,765, making together 37,246; that is, about one-eighth part of the pop. in 1841. The

Township.	Pop. in	Pep. in	Pop. in
	1801.	1831.	1841.
Bor. of Manchester. Manchester Town Andwick Bowick - Bradford - Chestham Choriton upon Medlock Harpurbey Hulme - Nwwton -	70,409	142,026	163,856
	1,762	5,524	9,916
	6	248	345
	94	166	911
	752	4,025	6,182
	673	20,569	28,336
	118	463	438
	1,677	9,624	26,982
	1,295	4,377	6,127
Total (Manchester) -	76,788	187,022	242,983
Bor. of Salford. Salford Town Pendleton Other districts included in the borough	13,611	40,786	53,200
	3,611	8,435	11,032
	1,303	3,145	2,592
Total (Salford) -	18,525	52,366	66,624
Manchester and Salford -	95,313	239,388	309,607

present (1850) pop. of the parl. bors. of Manchester and Salford is estimated at 364,000.

Balford is estimated at 364,000.

Manchester and Salford, which, being separated only by the small river Irwell, form a single large town, covering 3,000 acres, with a dense mass of buildings, stand in a large plain, encompassed by hills on every side except the W., and dotted with towns and villages, the inhab, of which are all engaged in the production of woven fabrics and other branches of industry. The Irk and the Medicck join the Irwell close to the town, and all and the Medlock Join the Iræell close to the fown, and all three are made extensively useful in moving machinery, and for other purposes. Eight bridges connect Salford with Manchester; the handsomest being Albert Bridge, having a single arch of 110 ft. span, opened in 1844. The streets are irregularly laid out, and many are narrow and inconvenient, especially in the more central parts. Great improvements, however, have been made within the last 30 years; narrow lanes have been pulled down to make way for broad avenues; noble public buildings, which would be ornamental to any capital in the world, have been erected in the chief thoroughfares; factories and warehouses of gigantic proportions have arisen in every been erected in the chief thoroughfares; factories and warehouses of gigantic proportions have arisen in every direction; confined and mean-looking shops have been replaced by superior establishments, some of which will bear to be compared with the best in London; the paving of the streets, though still in parts very defective, has been much improved; and flagging has been generally introduced, with macadamising, in the principal streets. The whole town is lighted with gas; but in the poorer districts the lamps are but thinly dispersed, and are extinguished at too early an hour. It is well supplied with water, sufficiently drained (except in some roor are extinguished at too early an hour. It is well supplied with water, sufficiently drained (except in some poor districts) by an underground sewerage, and well watched by a day as well as night police. There are three main lines of street, which run in a curve S.E., nearly parallel to each other. The central line, which is the principal shortwhiften of the town comprise Market Street. to each other. The central line, which is the principal thoroughfare of the town, comprises Market Street formerly a narrow lane, but now vastly improved, having some of the finest shops in town). Piccadilly, and the London Road: more to the N., joined to the last mentioned line by Oldham Street, is Great Ancoats Street, with its continuations; and S. is the avenue known in different parts as Quay Street, Peter Street, and Oxford Road, connected with Piccadilly by a handsome line called Mosley Street, and a long narrow street called Phoescatics.

Road, connected with Piccadiliy by a handsome line alled Mosley Street, and a long narrow street called Deansgate.

The public buildings of Manchester are too numerous to admit of individual description; but the following are the largest, best built, and most important. The Exchange, which stands in the centre of the town, at the W. end of Market Street, commenced in 1846, is a noble structure, with a lefty Doric portico. The Yogand Hall, on the lower floor, is 185 ft. in length, by 93 do. in width, and of a carresponding height, being one of the most capacious apartments in the empire appropriated to commercial purposes. The other rooms, used for various purposes, are on a suitable scale. The establishment is supported by subscription. The chief business day is Tuesday, on which, about noon, all the principal manufacturers of Lancashire may be seen in or near this building. The Town Hall, in King Street, is of lonk architecture, and extremely elegant, being formed on the model of the Temple of Erscheus at Athena, with a central octagonal cupola, resembling Andronicus's Tower of the Winds. It cost upwards of 40,000%; and comprises, besides rooms for the police business, gas-offices, &c., a specious and well proportioned public roem (ranking amongst the finest in Kurope), 131 ft. long, and 38 ft. broad. The fresco paintings, however, with which some of the walls are covered, are said to display little taste, elegance of design, or correctness of execution. Smaller town halls are situated in Salford and Choriton, the former of which townships has its separate corporation, police establishment, &c. The Corn

erected from a design adapted to it from the Temple of Ceres at Athens. Six Ionic columns support the central pediment; and on each side are wings, very slightly projecting, and ornamented with pilasters; between which are the entrances to a square hall, inclosing an area of about 6,000 sq. ft., and affording standing room for 2,000 persons. The branch bank of the Bank of Eagland, in King Street, nearly opposite the Town Hall, in the Doric style, from the designs of Mr. Cockerell, one of the tinest buildings in the town, was opened in 1847. Of the buildings devoted to charitable purposes, to literature, or to public amusement, the following deserve notice, from their architectural beauty. I. The Royal Infirmary and Lunante Asylum, in Piccadilly, built of stone, and now constituting one of the chaef ornaments of Manchester. 2. The Athenseum, in Bond Street, a peculiarly elegant structure, designed by Barry, in the Italian style, and completed at an expense of about 12,0002. 3. The Royal Institution, in Mosley Street, built at a cost of 30,000%, from Barry's designs, having a portico in the lonic style, and comprising, besides other apartments, a handsome gallery for the exhibition of pictures, and a theater for lectures capable of accommodating 800 persons. 4. The Portico Newscoum, in the same street as the Institution, having an ionic portico. 5. The Union Club House, also in Mosley Street, a fine stone building, with internal accommodations equal to those found in the best London establishments of the same description. 6. The Natural History Society's Hall in Peter Street, a large square building, having in the principal front a portico supporting a pediment and comprising a fine hall, lighted from a cupola, and different apartments stored with numerous specimens of birds, insects, fossils, shells, &c., and a few quadrupeds. 7. The Concert Hall, near the same street, having a fine frontage of stone, constitution of two wings and a projecting centre, tormed by the chapel of the two finitiutions. 10. The Free Tr

perpendicular Gothic style, having been frequently since repaired and in part rebuilt. The interior is about 180 ft. in length by 60 ft. in breadth. The nave and asless are pewed. The private chapels, which adjoin them, were thrown open some years since. The Sunday services are performed in the nave, and are extremely well attended. The choir is one of the finest in England, and the tabernacle-work is unrivalled: the monuments are numerous and full of interest: the carved facures with which the church is liberally adorned are well attended. The choir is one of the finest in Engiand, and the tabernacie-work is unrivalled: the monuments are numerous and full of interest: the carved figures, with which the church is liberally adorned, are as quaint and grotesque as an antiquary could desire; and there are several beautiful staned-giass windows, with inscriptions and paintings. The college was founded in the reign of Henry VI., dissolved by Edward VI., and again chartered in 1578, by Q. Elizabeth, who directed that the establishment should comprise a warden, 4 priests, 2 chaplains, and 8 choristers. This charter was, for the most part, confirmed by Charles I. by a charter dated Rept. 30, 1638. This, which had formerly been a collegiate church, was made a cathedral in 1848, when the bishopric of Manchester was established. The diocese comprises the co. of Lancaster, excepting the hundred of W. Derby, which continues to be included in the diocese of Chester. The bishop has a revenue of 4,020%, of which part goes to the dean, and the other § in equal parts to the canons. A chapel of ease was erected in Salford in 1634: this, St. Anne's, erected in 1712, and St. Mary's, erected in 1759, being the only places of worship in the town till 1750, between which and 1800 eight additional churches were built. Many other churches, two of which St. Luke's, Cheetham, and St. George's, Hulme, and St. John, recently orected, in Chapel Street, Salford, is one of the finest edifices devoted to religious purposes in Manchester. It is a cruciform structure, in the decorated English style, 200 ft. in length, the breadth in the transept being 130 ft. and the apex of the spire 340 ft. in height. Some of the other R. Catholic churches are also deserving of notice. The Independents have a very fine chapel, with a magnificent spire, in Strettord New Road, to which are attached the handsomest schools in the city. It will be sufficient farther to add, that almost every religious sect known in the U. Kingdom has its representatives in Manchester, and most part of them have at least a chapel or meeting-house. It appears from the Police Returns, that 102 places of worship were open in the bor. of Manchester in 1849: so that the number in Manchester and Salford together may be taken at from 125 to 125. The independents opened a chapel in 1762, and the Weeleyan Methodists in 1740. Three cemeteries have been laid out in Chorl. too, Ardwick, and Harpurhey; an it the noxious practice of interring bodies within the town is slowly but gradually going out of use.

Education—The means existing in Manchester, in

Bits going out of use.

Education.—The means existing in Manchester, in
1834, for the diffusion of elementary instruction, may be
learned from the following summary, drawn up from
the report of the Manchester Statistical Society:...

Description of Schools.	Ma	cheste	r.	Salford.			
	Schools.	ficho-	Per cent. to Pop.	Schools.	Scho- lars-	Per cent. to Pop.	
I. Sunday schools: Essas. Church R. Cath Dissenters	9	10,284 3,880 19,032	1-96	2	2,741 613 6,400	1.11	
Total of Sun-schools Children returned as day scholars		33,196 10,011		5 1	9,754 3,410		
Bund. scholars only II. Free or subscrip- tion day schools III. Evening schools IV. Schools supptied by the children's		23,186 4,177 1,456	2-05	ı	6,344 1,776 526	3.53	
payment: Primary Higher	409 114	11,624 2,934		107 29	3,357 88%		
Total -	721	13,378	21.65	211	12,885	23:43	

It would appear from this statement that, in 1834, shout 26,000 children were receiving daily instruction in Manchester and Saiford, and that 30,000 were taught on Sundays. But doubts have been entertained in regard to the accuracy of these returns; and of the day scholars, nearly 19,000 were reported to be educated in private schools and dames' schools, in two thirds of which the instruction is extremely defective. Within the last dozen years considerable additions have been made to the better class of schools sunoreted by the church and

searly 19,000 were reported to be estituted in private schools and dames' schools, in two thirds of which the bastraction is extremely defective. Within the last doesn year considerable additions have been made to the bester class or.

But there can be no doubt that the detectation of the working classes is still, speaking agenerally, both limited in amount and inferior in quality.

Among the schools deserving particular notice, the first place is due to the grammar school, founded in 1530, by lingh Oldham, Bishop of Exeter. Its revenues amount to tapwards of 4,500, a year; and in consequence of a decree of Chancery, in 1833, its usefulness was increased by the opening of a lower school, and a general augmentation of the establishment. The decree of 1833, however, was experte, and as it did not effect all the alterations that were researcy, as all was instituted to obtain further reforms, in which a judgment was follow in the propose, therefore, to declare, that in all future appointments of the schooled by Judgment as follows:—"I propose, therefore, to declare, that in all future appointments of coffeet and trusteer regard should be had to the qualification required by the statutes; that all children of an age capable of harmacol nor are mitted to be admitted into the school; that no part of the funds of the charity are any benefit from the funds of the charity are not in future to derive any benefit from the funds of the charity are not in future to derive any benefit from the funds of the charity are not in future to derive any benefit from the funds of the charity are not in future to derive any benefit from the funds of the charity are not in future to derive any benefit from the funds of the charity are not future to derive any benefit from the funds of the charity are not in future to derive any benefit from the funds of the charity are not future to derive any benefit from the funds of the charity are not future to derive any benefit from the funds of the charity and the school of the charity and the sc

wealthy scholastic establishment, comprising, besides lodgings and school-rooms for boys, a valuable library of 25,000 vols.; but it is said that the modern part of this library is deficient, and that it is better suited for the scholar and the antiquary than for men of business: this college has also a museum of curtosities of little real value, but much visited by strangers and holiday people.

The number of scholars is restricted to 80, 40 of whom must belong to Manchester and Salford, the rest belonging to Bolton, Turton, Droyleden, and Crumpsall. A plain education is furnished, and the scholars are afterwards apprenticed and fitted out in trade. The Commercial Schools, established in 1845, are intended to furnish a good education to the children of the middle classes. Schools, established in 1945, are intended to turnish a good education to the children of the middle classes. Other endowed charities for instructing children are amalgamated with national and other schools, very liberally supported, and conducted in the most efficient manner; and hesides these, the town has an asylum for the blind, erected by public subscription, and supported by an endowment bequesthed by Thomas Henshaw, Esq., of Oldham, and a deaf and dumb school, established in 1823, and remodelled in 1836: there are 80 scholars on the establishment. The independents, Wesleyans, and Unitarians have all collegiate institutions, either in the town or in its immediate vicinity. The instruction given in them is, of course, conformable to the peculiar views of the founders.

A School of Design, assisted by government, has been founded in Manchester. It is attended by about 200 pupils; and though it has not hitherto had much success. pupils; and though it has not hitherto had much success, it may reasonably be supposed that it will ultimately exercise a favourable influence in improving the quality of patterns, and the taste of the manufacturers and the public.

public.

Probably, however, the new or Owen's college will become the principal seminary in Manchester. It has originated in the munificence of Mr. John Owen, who left a large amount of property (of which 75,000. has been already realised) for founding a college in this his native town. The buildings have not yet been constructed nor the professors chosen; but we have no doubt the trustees will be about the most likely to give

the professors chosen: but we have no doubt the trustees will take such measures as may be most likely to give effect to Mr. Owen's princely liberality, by establishing the new college on an emlightened and liberal footing.

The Royal School of Medicine and Surgery, in connection with the infirmary, was founded in 1894. It has museums of human and comparative anatomy, a chemical laboratory, library, &c., and is said to be well conducted. It is on the same footing as the metropolitan medical schools.

annum: it has a lecture room capable of accommodating 1,000 persons, and a library of 5,000 vols. The Cheetham Society, founded in 1843, has for its object "the publication of historical and literary remains connected with the counties palatine of Lancashire and Cheshire." It is limited to 350 mem., who pay an annual subscription of it, which entitles them to a copy of all the works published during the year. There are two mechanics' institutes, one in Manchester and one in Salford; they are well provided with libraries, museums, apparatus, &c., and are pretty well attended. They have numerous evening classes for instruction in the various branches of a useful education, inc. French, German, &c. Subscription 5s. a quarter. There are three lyceums, specially intended for the improvement and recreation of the working and other classes. The Royal Victoria Gallery has an exhibition of objects in mechanics and science, and courses of lectures. A temperance society, formed in 1835, was the first to inculcate total abstinence from all intoxicating beverages. annum: it has a lecture room capable of accommo

all intoxicating beverages.

In 1846, 3 fine parks were opened in the vicinity of the town for the recreation of the inhabs. The principal of these, called Peel Park, in honour of the late great states-

In 1846, 3 ne parks were opened in the vicinity of the town for the recreation of the inhabs. The principal of these, called Peel Park, in honour of the late great states man, Sir Robert Peel, about a mile W. from the Exchange, is tastefully laid out. The Salford library and museum, open to all ranks and orders of the people, is in a house in this park. The other parks, though not quite so accessible, are largely resorted to, especially on Sundays. Benks.—The banking establishments of Manchester, which are numerous, and conducted on a scale corresponding to the commercial importance of the place, comprise, besides three private banking-houses, of great wealth and respectability, a branch of the Bauk of England, and three joint-stocks: vis., the Manchester and Liverpool District Banking Company (1829); the Union Bank of Manchester (1836); the Manchester and Salford Banking Company (1836); and branches of the National and Provincial Bank of England, &c. A savings' bank, opened in 1818, had, on the 20th Nov. 1818, 356,3881. of deposits. Four newspapers are published in Manchester; three of which, the Gusrdions, Examiser, and Spectator, advocate whig and radical politics, the Courier being conservative. The Gusardian, which has the largest circulation, and the Examiser, are published on Wednesdays and Saurdays: the others appear on Saturdays only. Prisons, Police, &c.—Manchester possesses several large establishments connected with its internal economy. The workhouse, which occupies an eminence N. of the town, is a very extensive and well-conducted establishment, fitted to accommodate 1,000 inmates. The Salford workhouse, in Greengate, has accommodation for about 400 inmates. Another workhouse, on an improved plan, has recently been receted at the township of Choriton. The New Bailey prison in Salford, close to Albert Bridge, commenced by Howard in 1787, has been since greatly enarged: it has accommodation for about 400 prisoners, and is well conducted, but, owing tothe great increase of population and crime, it is commenced by Howard in 1787, has been since greatly enlarged: it has accommodation for about 800 prisoners, and is well conducted; but, owing to the great increase of population and crime, it is inadequate to the wants of the hund, and has been frequently so overcrowded, that three persons had to sleep in one cell! To remedy this inconvenience, a new prison, the Manchester bor. gaol, was opened in 1850. It is constructed on what is supposed to be the most approved system, each prisoner being confined in a separate cell. It has accommodation for between 400 and 500 such immates. A police-office court is held daily by a stipendiary magistrate, appointed by the chancellor of the duchy of Lancaster, with a salary of 1,0002. a year. The police was formed in 1842, and is completely under the control of the corporation, the regulations in regard to its government being embodied in the Manchester Municipal Act. In 1849, the force in the bor. of Manchester consisted of a chief constable and chief superintendent, 75 other officers and deerks of different grades, and 370 constables, making in all a force of 447 officers and men; to which about 40 officers and men have to be added for the bor. of Salford.

In Manchester, in 1849, the police took into custody

In Manchester, in 1849, the police took into custody 4,687 individuals:

hereof 1,796 were admonished and discharges by the maging 2,511 — summarily convicted or held to bell,
 and 650 — committed for trial.

Of the 650 committed for trial,

502 were sentenced and punished,
4 — ordered to plead if called upon,
98 — acquitted,
10 — bill not found,
10 — not proceeded, not tried, and abscon

In Salford, during the same year, 1,636 individuals were taken into custody;

whereof 573 were admonished and dis-900 — summarily convicte 149 — committed for trial, and 2 died. d discharged by the magistrates

Of the 149 committed for trial,

123 were convicted and sentenced, 18 — acquitted, and the remainder not presecuted, &c.

ESTER.

The police fire-engine establishment is perhaps the most effective in the kingdom, after that of the metropolis: It comprises, inc. both bors., 13 engines, completely furnished with every necessary implement, fire-escapes and water-barrels, and a body of 78 firemen, commanded by a superintendent. The Manchester gasworks are the property of the town, and the profits are applied towards its improvement: the works were established in 1817, but the streets were not generally lighted with gas till 1824. The main pipes extend, in various directions, upwards of 120 miles; and the gas costs 45.9d. per 1,000 cubic feet. The Salford gasworks are on a much smaller scale.

Water.—The Manchester and Salford Water-works

The markets of Manchester are not such as a town of great wealth and magnitude might be expected to possess; and this circumstance is most probably owing to the fact, that the tolis are not the property of the town, but belong to the lord of the manor. There are no general markets, like those of Liverpool, Birmingham, and Newcastle; but several are scattered in different parts of the town. In Victoria Street, Swan Street (Smithfield), Camp Field, and Deansgate, are markets for butchers' meat and vegetables; and a fish-market was freeted near the exchange in 1828. The cattle-market is held every Wednesday, in Cross Lane, Salford; a large area on its sides is fitted up with stalls, filled with various articles both of farming and manufactured produce.

The following table, drawn up from the Reports of the Manchester Statistical Society, shows the consumption of butchers' meat in Manchester and its environs (estimated pop. 243,500) in 1836:—

Description o	Description of weight		Description of Average		Nu	Number of			
Mest.			Carcassas.	Pounds.	each Per-				
Cattle - Sheep - Lumbs - Calves -	:	560 ibs. 682 — 57 — 90 —	40,890 105,040 96,668 11,791	22,859,300 7,212,746 3,576,716 1,061,190	66 lbs. 8 cs 21 — 10 — 7 — 3 — 1 —				
Offal (edible)	•		254,519	34,709,852 1,367,306	101 - 9-				
Total	-			36,097,160	105 - 9 -				

The market-days are Tuesday, Thursday, and Saturday, the first named being the manufacturers' day, and the last the chief market for agricultural produce and provisions. The fairs are held in Easter and Whitsunweek, the first week in Oct., and on Nov. 17. The first of these, called Knott-mill fair, is a mere popular festival.

of these, called Knott-mill fair, is a mere popular festival, and the rest are cattle fairs.

Monafactures.—Manchester, though situated close to an almost inexhaustible coal-field, and deriving great advantages from the vicinity of three streams, available for machinery, would never, in all probability, have attained to her present magnitude and importance, as the first manufacturing town of the world, but for the invention of the steam-engine, and the wonderful improvements made since 1760 in the manufacture of cotton twist and fabrics, through the genius and discoveries of Hargreeves, Arkwright, Crompton, Cartwright, and others. How astothrough the genius and discoveries of Hargreaves, Arkwright, Crompton, Cartwright, and others. How astonishing the revolution effected by the ingenuity and enterprise of a few obscure individuals! Before the spinning frame, which was invented in 1767, came into operation, the imports of cotton wool did not amount to operation, the imports of cotton wool did not amount to operation, the imports of cotton wool did not amount in 1780, and since then the progress of the cotton manufacture of Great Britain, and especially of Manchester, has been rapid beyond all precedent. Previously to 1788, the imports of cotton wool had not reached 19,000,000 lbs. in any single year; but in 1787 they amounted to 23,350,363 lbs.! The progress of the manufacture was not impeded by the late war, to the successful termination of which it contributed more, perhaps, than any thing else; and what is not less extraordinary, it has increased in a nearly eightfold proportion since the peace!

The imports of cotton wool, in 1849, amounted to the predigious quantity of about 754,000,000 lbs., of which no fewer than 530,000,000 lbs. were manufactured! In 1803, the value of the exports of cotton woods canalled that of fewer than 630,000,000 lbs. were manufactured! In 1803, the value of the exports of cotton goods equalled that of the exports of woollens, the long-established and staple manufacture of the country; and they now amount to about 27,000,000. A year, while the exports of woollens do not exceed 8,000,000. Indeed, the cotton manufacture now forms, next to agriculture, the principal business carried on in the country, affording an advantageous field. Or the accumulation and employment of millions upon millions of capital, and of thousands upon thousands of workmen! About 14 millions of people are supported by selmoing and wearing cotton, and the difthousands of workmen! About is millions of people are supported by spinning and weaving cottou, and the different supplementary employments of the trade; and fabrics of great beauty and excellent quality, which a few years ago were out of the reach of all except the wealthy, have been so much reduced in price as to be within the command of all but absolute beggars. (For further details, see ENGLAND AND WALES, Vol. 1, p. 772.) Of this gigantic manufacture Manchester is the grand centre, absorbing, with its neighbourhood 10 m. round, fully three-fourths of the trade, and comprising, besides spinning mills, most extensive power-loom factories, and large dyeing and printing establishments. The manufactor of ally most, also which was introduced in three-fourths of the trade, and comprising, besides spinning mills, most extensive power-loom factories, and large dyeing and printing establishments. The manufacture of silk goods, also, which was introduced in 1816, has generally been in a flourishing state since the removal, in 1826, of the oppressive import duties on raw silk. In the infancy of the trade, silk handkerchiefs and mixed goods were principally made; in 1822, gros-de-Naples and figured sarsenets were introduced; and at present (1859) nearly every kind of silk, from the rich brocade to the dimsy Persian, is manufactured, consuming large quantities of raw silk, and employing 4,000 hand-looms, besides 3,000 persons in throwing-mills, and 600 in dyeing and printing-houses. Mixed goods of silk and cotton, silk and woollen, and throwing-mills, and 600 in dyeing and printing-houses. Mixed goods of silk and cotton, silk and woollen, and woollen, occupy many bands; and many hundred persons are engaged in various branches of handicraft subordinate to the principal object of industry. In some cotton-factories the process of spinning only nuntrea persons are engaged in various branches of handicraft subordinate to the principal object of industry. In some cotton-factories the process of spinning only is carried forward; but in others the whole process is carried on, from the first carding to the ultimate dressing of the woven and bleached fabric. Many of them are buildings of extraordinary size, comprising 7 or 8 stories, erected at a heavy expense, and filled with machinery costing 30,000L or 40,000L. The rooms are kept in the most perfect state of cleanliness, and the strictes order, regularity, and silence prevail throughout the establishments. Several thousands of spindles are at work in each of the principal factories; and in many of them upwards of 600 power-looms are in action, each producing from 15 to 20 pieces of fabric, of 24 yards each, per week. Besides the pop. connected with the factories, which almost absorb the plain-goods' trade, including acconets, twilled cloths, and fustians, upwards of 9,000 hand-loom weavers are employed in Manchester and the heighbourhood in weaving cotton, silk, and mixed goods. "The cotton fabrics are quiltings, figured waistcoatings, tabled shawls and handscreines, checked and stripes dinghams, tape-stripes, dimities, apron-checks, checked The cotton mories are quitings, figured waistcoatings, willed shawls and handkerchiefs, checked and striped ginghams, tape-stripes, dimities, aproa-checks, checked handkerchiefs, buff-checks and buffs, coarse shirtings and sheetings. The silk fabric evanities, plain satins, plain serges, carsenets and gros-de-naples, checked sarsenets, arring-persians, ducape handkerchiefs, athichecked craats, Brussels handkerchiefs, black bandams, Welsh shawls, romuls, turbans, Barcelona handkerchiefs, and grey bandamas. The mixed are chiefly for whistcoatings, handkerchiefs, cravats, shawls, &c. The weaving of each of these fabrics, with a variety of others, may be regarded as a separate branch of the weaving trade; and the earnings of the weavers employed on each are as various as the fabrics." (Hand-toom Weavers' Rep.)

We subjoin a statement which, though now rather not steam power employed in the various branches of santon fatter within the parl. bors. of Manchester and Salford in 1839 (see next col.):—

The manufacture of machinery, inc. locomotive engines and tool-making.

The manufacture of machinery, inc. locomotive engines and tool-making, is conducted on a most extensive scale, and is, in fact, next to the cotion trade, the most important business in the town. The machinery for carding, spinning, and weaving cotton, is all of the most delicate kind, and requires to be adjusted and finished delicate kind, and requires to be adjusted and finished with the greatest care. Steam-engines are made of different sizes, varying from 8 to 400 horse power; and the castings are often of gigantic size, weighing from 30 to 50 tons. The iron-planing and riveting machines are curious specimens of mechanical ingenuity, and have greatly tended to facilitate the manufacture. Many of the workmen receive from 21. to 31, and few less than 30s, weekly wages. The largest establishment for loco-

				Ho	rse Pow	er.
Branch of Mar	Man- chester.	Sal- ford.	Both Bors.			
Cotton-spinning and	wenth		-	5,272	704	6,036
Bleaching, dyeing, pr	inting.	Act.		756	591	1,277
Machine-making, fou	indries	dic.		508	586	735
Silk-throwing and we	String	-	4	2374	104	3414
Corton thread and sm	all war	95		270	36	306
Collieries -				106	100	206
Saw-mills -				141	14	155
Engraving for calico-	printin	R. Bec.	4	75	- 6	81
Fustian shearing -		4	-	46	24	80
Breweries .				16	6.2	78
Plax spinning -	-		.0	150.00	70	70
Chemical works -	-		-	55	11	66
Woollen -				36	5.5	0.9
Various, all of minor	import	ance	-	403	25	436
Total	-		12	7,9264	1,99%	9,924

motive engine and tool making is that of Messrs. Sharp, Brothers, and Co.; but there are others of hardly inferior importance, at each of which several hundred men are employed, and the arrangements in every way are most complete and systematic.

The following very interesting return, prepared officially by the police, exhibits the number of the principal manufacturing establishments in the bor. of Manchester in January, 1848, how they were employed, and the number of hands in each.

Mills, Pactories,			t Time, or s		
Clausification.	Total No. of Mills, Works, &c.	No. work- ing full Time with full Com- plement of Hands,	Partion of	No work shot	ing stopp
Cotton mills Silk mills Silk mills Worsted mills Smallware mills Print works Dye works Machinists Foundries	94 8 3 17 4 24 37 18	67 8 9 11 9 8	9 - 2 1 - 1 1 4	1 4 1 16 15 5	11111
Total	20.5	115	28	48	14
	wheth	Work peoper working Employme	ple usually full Time,	emplo short	yed, and Time, of
	Total N		rking No.we	OF MADING	No. out o Employ- ment,
Cotton mills Silk mills Worsted mills Sinal ware mills Print works Dye works Machinists Foundries	25,51 3,01 22 1,81 1,13 2,16 6,69 1,22	0 3,0 5 1 2 1,1 3 8 3 8 4 3,3	10 - 55 57 6 63 3 50 1,6 93 1,5	666 6335 150 160 141 153	4,850 64 40 90 253 1,660 365
Total	44,56	1 72,7	18 4,2	11	7,152

The works corresponding to the above in the bor. of

The works corresponding to the above in the bor. of Salford employed at the same period about 6,000 hands. It will be seen from the subjoined table of buildings, &c., in Manchester on the Blst of December, 1849, that the number of cotton-mills, print-works, dye-works, &c., had increased considerably during the course of the two years ended at that date. And, perhaps, we shall not be far wrong if we estimate the number of persons employed in the above departments at the present time (December, 1850) in the bor. of Manchester at about 50,000, and in Manchester and Salford together at about 50,000, and in Manchester and Salford together at about 60,000. The other trades, warehouses, &c., are supposed to employ about as many more hands, making 120,000 in all. (See Table on next page.)

Canals, Railways, &c.—The speedy and cheap communication established with the port of Liverpool, and other places, has been at once a cause and a consequence of the increase of manufactures in Manchester, It became, at the close of the last century, a great centre of internal navigation. Brindley constructed the Duke of Bridgewater's canal, uniting with the Mersey at Kuncorn, in 1761; the Bury and Bolton canal was projected in 1791; that to Ashton and Oldham in 1792; and that to Rochdale in 1794; and these communicate with other canals, in such a manner as to establish an easy communication in such a manner as to establish an easy communication in such a manner as to establish an easy communication.

* Smallware mills are those which manufacture sewing cotton, knitting cotton, tape, thread, and the various et celeras found in A lady's workton.

† This return was compiled by Captain Willis, of the Manchester police; and we gladly embrace this opportunity of stating, that the information in regard to Manchester annually published by that gendeman is most valuable. We have been much indehend to it.

General Return of all Buildings, specifying the Numbers of each, within the Borough of Manchester, on the 31st December, 1849.

Description of Build- ings.	Numbers.	Description of Build- ings.	Numbers.
Cotton mills	102	Barracks	1
Silk mills	6	Banks	12
Worsted mills	- 5	Markets	10
Smallware mills -	18	Theatres	- 2
Print works	7	Railway stations -	7
Dye works	35	Gas stations	4
Hat manufactories -	15	Workhouses	3
Machinists	49	Infirmary, fover hos-	
Foundries	49 38	pitals, dispensaries	- 8
Lend works	4	Night asylum	1
Paper works	3	Lock bospital	1
Saw mills	23 11	Penitentiary	- 1
Corn mills	11	Public institutions -	14
Miscellaneous work-		Public buildings -	33
shops in various		Baths and wash-	
trades and manu-		houses	6
factories	759	Breweries and distil-	1000
Warehouses	1,608	leries	175
Dwelling-houses .	45,410	Slaughter houses -	190
Shops used as dwell-		Buildings used as	
ing houses	5,376	offices	503
Shops not used as	3.00	Livery stables	52
dwelling-houses -	751	Miscelianeous build-	100
Places of worship -	102	ings, such as sheds,	
Public and private	5.7	&c., but not work-	10.27
schools	366	shops	1,277

nication with the eastern, central, and southern counties, including the ports of Hull, London, and Bristol, as well as that of Liverpool, which is, par excellence, the port of Manchester. Large sums were sunk in excavating these canals; but the returns far exceeded expectation, and the profits to the shareholders were in some cases immense.

mense.

The Mersey and Irwell Navigation Company having deepened the river Irwell, vessels of 80 tons burden may now navigate the whole distance from Manchester to Runcorn. As soon as this had been effected, the inhats, applied to have Manchester made a port (1), and to be allowed the privilege of bonding goods. But as assagoing vessels do not as yet come up to Manchester, this concession was strongly opposed, and was only, after a great deal of canvassing, granted under certain conditions. We subjoin a statement of the gross customs duties received at Manchester from 1846, when it acquired the privilege of bonding down to 1850.

The railway between Manchester and Liverpool was opened in 1830; and since that period the former has become (the metropolis not excepted) the greatest centre of railway travelling in the kingdom. It would be useless to attempt to specify the various lines that have their termini in the town. Suffice it to say, that Liverpool has been brought within an hour's distance, Hull within less than 3 hours, and London and Bristol, Glasgow and Edinburgh, within about 6 hours each! This extraordinary facility of conveyance is of the greatest importance to the town, inasmuch as it enables its produce to be conveyed with the utmost expedition, and also very cheaply, to all parts of the country; and as it gives equal facilities for the importation of the various product required for the subsistence of the inhabitants, or on which they exercise their labour and ingenuity.

required for the subsistence of the inhabitants, or on which they exercise their labour and ingenuity. Government, 8c.—Manchester has been incorporated; and the mun. bor. is divided into 15 wards, the government being vested in a recorder, mayor, 15 aldermen, and 48 councillors. Quarter sessions are held by the recorder; and there is a court of record for the recovery of debts under 504.; and a county court, before which 13,169 plaints were entered in 1848. There is also a court of record for the trial of civil actions in Salford up to 504, or by consent to any amount. Its jurisdiction is coextensive with the hundred of Salford, except the bor. of Manchester, and its jurisdiction extends even into Manchester, if the debt. or damage be under 402. There is also a county court for the 5 districts comprised in the Salford division, the number of plaints heard between April, 1837, and Dec. 1850, having been

10,019.
Notwithstanding its vast importance, Manchester did not enjoy the privilege of sending representatives to parliament till the Reform Act gave to the manufacturing interests of the country that inducence in the legislature to which they had been long entitled. Manchester was then erected into a pair, bor., with power to send means, to the H. of C.; its boundaries including, besides Manchester, the eight other townships enumerated at the commencement of this article. Reg. electors, in 1849-50, 11,941. The same act conferred on Salford the privilege of sending I mem. to the H. of C.; its limits comprise two other entire townships, and part of a third. Reg. electors, in 1849-50, 2,427. Manchester has also

been formed into a Union under the Poor Law Amendment Act.

Condition of the People of Manchester. — The increase of wealth in Manchester, during the last half century, has been quite unprecedented, and it has at present, in proportion to its size, a greater number of opulent capitalists than any other town of the empire. The capital vested in mills, machinery, and stocks of goods, is immense; and, in addition to the vast sums that are thus employed in their peculiar business, the capitalists of Manchester, and the adjoining districts, have been the great promoters of railways in all parts of the empire, and hold a very large proportion of the stock embarked in these undertakings. To achieve such great results, a combination of all those qualities that go to form accomplished men of business has been required; and no where do we find the persevering attention to details, added to the sagacity to distinguish between the doubtful and the certain, and the enterprise to embark in remote certain, and the enterprise to chinara in remove and apparently hazardous, though really safe schemes, that characterise the highest class of commercial men, so generally diffused as in Manchester. It is, in fact, the grand arena of industry and enterprise. Every one is striving to raise himself to distinction, and to outstrip his neighbour in the accumulation of wealth. But there are no mean jealousies, or unfair jost-lings: there is more than room enough for every one; and every one knows that his success is wholly dependent on his own efforts.

The shopkeepers and middle classes of Manchester are more attached to old habits than those of most other towns. In proof of this we may mention, that by far the greater number of them continue to dine at the primitive and unfashionable shour of one. At no very distant period, indeed, they were accustomed to shut their shops from one till two; and though that be no longer the case, the banks will not, at present, with one or two exceptions, cash cheques sent to them at such a time, or allow their clerks to be interrupted when at dinner!

But it is not so easy to arrive at any very definite conclusions with respect to the condition of the lower classes in this great workshop. On the whole, however, we are inclined to consider it as tolerably satisfactory. No doubt, the condition of the English part of the population has been most injuriously affected by the prodigious influx of Irish inmigrants, of whom and their descendants there are probably not fewer than 85,000 in the town. The Irish, it is but fair to say, are neither peculiarly disorderly nor pe-culiarly dishonest; but their competition has depressed wages, or hindered them from rising, and their example has been most pernicious, by accustoming the English to a lower standard of food and comfort. But despite the influence of this fruitful source of degradation, the work-people of Manchester seem, when employed, with the exception of the hand-loom weavers, to be really well off. Unluckily, however, a number of individuals, partly belonging to the town, but mostly new comers from Ireland and other parts of England, are usually without employment, and in a state bordering on destitution. It is unfortunate, too, that so many of the workmen's wives should be employed in factories, as this takes them away from their families, and prevents them from bestowing sufficient pains on the training of their children, and their household affairs. It is singular, indeed, how ignorant workmen's wives, engaged in factories, and brought up as factory girls, are of most matters connected with domestic economy; and how much more comfortable their families might be were they familiar with such details, even though their earnings were less. It is not true, however, that the condition of the workpeople has been deteriorated, and, in point of fact, it has, on the contrary, been materially improved. Most descriptions of labourers receive good wages; and such skilled labourers as are temperate and industrious are, speaking generally, in comfortable circumstances.

The following table, drawn up by the Manchester Chamber of Commerce, exhibits the average rates of wages per week paid to the different classes of labourers in and out of factories in Manchester in 1846, since which period no mate-

rial alteration has taken place: -

Spinners, more (by hand)				
Springers, men (by hand)				
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Personn (hoys and girls)				
In the Card-reem:				
Mem	Piercers (boys and girls)			
In the Card-reem:	Scarrosers		0 1	6-0 5 6
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Mean	In the Card tax	-	1	
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Monan	Wasses by Pos		1	
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the most part of cottages, of which many lengthenod streets have been built of late years; but, in addition to these, great numbers inhabit cellars or underground floors, sometimes below the cottages, and sometimes below other houses. Some important particulars in regard to these and other matters will be learned from the following returns prepared by the Manchester police.

It is greatly to be regretted that effectual provision had not long since been made in Manchester and other large towns for their proper drainage and pavement, and for laying down rules as to the erection of houses. The authorities in Manchester have done all in their power, under the existing laws, to improve the streets; but there is no general building act for the town, and except in certain districts, where the magistrates have been entitled to interfere, each proprietor built as he pleased. Hence cottages have sprung up row behind row, without the streets or alleys between them being of sufficient width, or drained or paved; in some places, the streets have been, till very recently, full of pits filled with stagnant water, the receptacles of all sorts of filth. (Report on Health of Towns, p. 10.) Such a state of things was discreditable alike to the local authorities and the government: and no measure appears to be more imperatively required, seeing the vast and rapid increase of towns, than the enactment of such regulations as may be required to provide for the proper construction of the streets and houses, and consequently for the health and comfort of the population.

Cellars, however damp and unhealthy, preferred by a large proportion of the lower classes both here and in Liverpool, not so much from their cheapness, as because they afford facilities for dealing in various sorts of articles, and because their inmates either are or believe themselves to be more independent than if they resided as lodgers in houses rented by other

parties.

It is unhappily true, that many of the dwellings of the lower classes, especially those of the Irish, exhibit a great want of furniture, of cleanliness, and of comfort. This, however, is not owing, as many have supposed, to the growth of the factory system, but partly to the poverty, and still more to the perverse habits of the occupiers. The lower classes of Manchester live prin- In a tract written in Manchester, and published cipally in houses above ground, consisting for by authority in 1755, long before the factory

Totals, as given in the Police Returns, of the Houses, Callars, and Population of the Borough of Manchester for the Years 1841, 1845, 1846, 1847, 1848, and 1849.

	Dwelling	House, and S	hops need as D	wellings.	Dwelling Celtars.				
Years.	Gross Num- ber of Habit- able Houses.		Inhabited when taking the Return.	Population of Dwelling Houses	Grees Number of Habitable Cellars.	Uninhabited when taking the Return.	Inhabited when taking the Return.	Population of Dwelling Cellars.	Gress Popu- lation of the Municipal Borough of Manchester.
1841 1845 1846 1847 1848 1849	44,462 46,478 47,325 49,023 49,903 50,904	3,782 861 845 2,557 3,473 2,498	40,680 45,617 46,478 46,486 46,430 45,406	235,507 269,696 274,836 274,973 274,973 278,875	5,385 5,133 4,927 5,024 5,018	304 295 849 411 3-79	5,061 4,838 4,578 4,603 4,659	22,924 21,891 20,697 20,697 20,399	235,507 294,277 299,382 299,445 299,445 302,182

(See extract from tract in Manchester as

system had an existence, the houses of the poor are said to be "most wretched," "filthy and or ground for saying, that any portion of the nasty" in the extreme, and "noisome and infecon the other hand, of 37,724 dwellings of the

inspossible to dispense with the work of females in the factories, for the manufacturer requires the annible little fingers of women, not send to make the send of the send of the send of the send, as while send of the major, for the purpose of ceahilishing spatio unreverse on the plan of the ovicine of Pris, but with this difference,—the Mancheson surveries have not been catabilished as cherifies, but as a means of

One of the most prolific sources of physical and social evil in this other manufacturing towns consists in the fact that matried ass, from the necessity of attending to their work in the mills, as the same during their absence. The latter are in the habit of interesting the their absence. The latter are in the habit of saistering to the infinites, for the purpose of keeping them quiet, a quantities of Godfrey's certain and other nozions potions conjugations and other nozions in consequence of which not only

labouring classes, examined by the agents of the Statistical Society, no fewer than 27,281 were decidedly "comfortable;" and as respects the clothing and other accommodations of the poor, they are superior at present to what they have ever previously been. Their prosperous con-dition is evinced by the great average consumption of butchers' meat.

Owing to the immense number of factories, and of steam engines at work in them, there is generally a dense cloud of smoke hanging over the town; and such buildings as are not frequently cleaned have a dirty, blackened appearance. Attempts have latterly been made to obviate this inconvenience by compelling the mill-owners to adopt means for consuming or destroying the smoke arising from their works. And if this could be effected without imposing any very serious burden on the industry of the town, it would be a most desirable improvement

But despite the disadvantage arising from the prevalence of smoke, Manchester is not unhealthy. No doubt a good deal of fever pre-vails at most periods of the year, in the poorer districts, especially in those where the streets are ill-paved, and the sewerage defective. But, on the whole, Manchester is less unhealthy than Liverpool, or Glasgow, or the old town of Edinburgh, which has no manufactures. The burials in the bor. of Manchester amounted in 1845 to 6,022, in 1846 to 7,810, in 1847 to 9,540, and in

1848 to 7,255.

The idle and absurd stories that were so industriously propagated with respect to the influence of factory labour on health and morals, are now pretty well exploded. Latterly, indeed, there would appear to be a considerable increase of crime; but this increase is, perhaps, more apparent than real, and is mainly a consequence of the improved state of the police, and of trivial offences that formerly escaped notice being (whether wisely or not we shall not stop to inquire) now visited with fine or imprisonment. truth is that in respect of morality, the labouring population of Manchester has but little to fear from a comparison with that of any large town in the empire. The Rev. R. Parkinson, canon of the cathedral church, Manchester, in a speech at a public meeting in Feb. 1839, said, "I have no natural predilections for my present opinions. My birth and early education put me in a very different position from that which I now hold; but being at present an inhabitant of this town, having enjoyed ample opportunities of observing and judging, and being in a position which gives me no motive for a partial judgment, I maintain that, taking an average of all classes of our population, and that of other districts, we shall find the morality of this district not below that of the most primitive agricultural pop. I that of the most primitive agricultural pop. — have the best authority for saying, that the streets of Manchester, at ten o'clock at night, are as re-tired as those of most rural districts. When we look at the extent of this par., containing at least 350,000 souls, being more than the pop. of half our counties, can we be surprised that there is a great amount of immorality? But a great proportion of that immorality is committed by persons who have been already nursed in crime in districts supposed to be more innocent than our own, and who swell our police reports, not so much because we hold out greater facilities for rearing them, as that they are apprehended through the superior vigilance of our police." This is pretty conclusive; and we may add, that the regard paid by females to decency, both of language and deportment, is stated by intelligent witnesses before the factory Commissioners of 1833-34 to be greater in Manchester than in most rural districts. It is a fact, too, that the proportion of illegitimate to legitimate children in the county is only 1 in 13, a low ratio for so dense and varied a pop., and not greater than in some purely

agricultural cos.

We believe that the doctrines of chartism and ultra-radicalism have made less progress in Manchester than in most other great towns, the metropolis excepted, certainly less than in Glas-Stagnations of trade, by occasioning a want of employment and reducing wages, necessarily, also, occasion discontent and dissatisfaction; and in such periods, demagogues are not wanting to recommend political nostrums of all sorts as infallible remedies for the grievances under which they labour. But the great bulk of the pop. are, notwithstanding, attached to the principles of the constitution, orderly, and opposed to violence. And in this, no doubt, their opinions are in accordance with their own obvious interests; for, were they to become disorderly, or to cease to respect and uphold the rights of property, the prosperity of Manchester would be terminated; capitalists would withdraw from and shun her as if she were infected with a pestilence, and the mass of the pop. would sink into a state of squalid and irremediable poverty.

It is needless to observe that the interests of the employers of labour and those of the labourers, though apparently conflicting, are, at bottom, the same; and that neither party can prosper without that prosperity redounding to the ad-vantage of the other. But, notwithstanding this identity of interests, there is, it must be admitted, but little sympathy between the great capitalists and work-people in this or any other large manufacturing town. This is occasioned by the great scale on which labour is now carried on in factories; and by the consequent imposcarried on in factories; and by the consequent impos-sibility of the manufacturers becoming acquainted with the great bulk of the people in their employment. They do not, in fact, so much as know their names; they look only to their conduct when in the mill; and are wholly ignorant of their mode of life when out of it, of the con-dition of their families, &c. The affections have nothing to do in an intercourse of this kind; every thing is re-gulated on both sides by the narrowest and most selfish views and considerations; a man and a machine being treated with precisely the same sympathy and regard. It is not to be denied that this is a state of things fraught with considerable danger; and that no society can be in a really sound or healthy state where the bond of con-mection between the different ranks and orders is such as nection between the different ranks and orders is such now prevails at Manchester and other great towns. Inc now prevails at Manchester and other great towns. Indif-ference, on the one hand, necessarily produces disrespect, insubordination, and plotting, on the other. However, it is easier to point out a condition of this sort, than to suggest any means by which it may be obviated. We doubt, indeed, whether it admit of any effectual remedy. The whole tendency of society, in modern times, is to make interest, taking the term in its most literal and sordid sense, the link by which all classes are held to-gether; and should any circumstances occur to make any considerable portion of society conclude that their interest is separate from or opposed to that of the others, there would, we apprehend, be but few other considera-tions to which to appeal to hinder the dissolution of such society.

tions to which to appeal to hinder the dissolution or successions to which to appeal to hinder the dissolution or succession. In 1849 there were in the bor. of Manchester 1,220 beer-shops, and 480 public-houses, many of the establishments for the sale of spirits vying in splendour with the gin-palaces of the metropolis. Intemperance, however, is not on the increase. Great numbers of codiesahops have recently been opened; and the influence of the temperance societies, though much exaggerated, has, on the whole, been highly benedicial.

**Climate*, dc.—The mean annual quantity of rain falling in Manchester (at an average of 33 years) is 38-140 inches, whilst the mean annual quantity falling in Lancater (at an average of 30 years) is 38-141 inches; the comparatively slight variations in the temperature likewise contribute greatly to the healthiness of the town.

According to Whittaker, the historian of Manchester, "the Roman invaders of this country fixed a military station in a place since called Castledeld, to which they gave the name Manchum," whence Manchester has been derived. In the time of the Saxons the old town and the state of the sax on the part of the sax on the s gave the name Mancunium," whence Manchester has been derived. In the time of the Saxons the old town was deserted, and about 627 another was built on its site. In 920, according to Dr. Akith, the Saxons king, Edward the Elder, ordered Manchester to be fortified. In Domesday Book the town is called a manor, and is described as having two churches. In the 14th and 18th centuries it received great additions and improvements, so that, in Leland's time, it was recknoed "the fairest, best builded, quickest, and most populous town of Lancashire." Camden also mentions it as being famed in his time for the manufacture of woollen cloths, then called "Manchester cottons," that is, coatings. The first authentic mention of the cotton manufacture in England is made by Lewis Roberts, in his Treassre of Traffic, published in 1641, where it is stated, "The town of Manchester in Lancashire must be also herein remembered, and worthly, for their encouragement, commended, who buy the yarn of the Irish in great quantity, and, weaving it, return the same again into Ireland to sell. Neither doth their industry rest here; for they buy cotton wool in London that comes first from Cyprus and Smyrna, and at home work the same, and perfect it into fustians, vermillons, dimities, and other such stuff; and then return it to London, where the same is vented and sold, and not selection and the such stuffs and then return it to London their for force the same is vented and sold, and not select means the same and sold, and not select means the same and sold, and not select means the same in vented and sold, and not select means the same and sold and not home work the same, and perfect is into fustians, vermitions, dimities, and other such stuffs; and then return it to London, where the same is vented and sold, and not seldom sent into forrain parts, who have means, at far easier terms, to provide themselves of the said first materials. (Orig. ed. p. 32.) in 1650, the inhabs. of Manchester were reckoned the most industrious in the N. of England. The town was stated to be a mile long, with open and clean streets, and good buildings; and, in 1730, it is described as "the largest, most rich, populous, and busy willage in England, having about 24,000 individuals within the parish." Fustians were the earliest article of manufacture, and other fabrics were made soon afterwards; but the great increase of pop. and commercial prosperity did not take place till 1770, when machinery was first introduced into the town. From that year down to the present time Manchester has been a scene of rapidly increasing industry, and has been distinguished by the invention and enterprise of its citizens; its working pop, supplies every quarter of the world with clothing; and wealth, the reward of successful labour, flows in from all sides in large, rapid, and uninterrupted current. (Reinee's

every quarter of the world with clothing; and wealth, the reward of successful labour, Sows in from all sides in a large, rapid, and uninterrupted current. (Batnest Hut. of Lancaster (4th ed.), ii. 149—392, Wheeler's Menchester; Menchester as it is; Police Rep.; but principally Priv. Inform.)

MANCHOORIA (Chin. Kirin-cols), an extensive region of N.E. Asia, belonging to China, and the original seat of the present ruling dynasty (Ta-thsing) of the Chinese empire, lying between lat. 4l° and 57° N., and between long. 11° and 140° E., bounded N. by the Russian gov. of Yakoutak, E. by the Gulph of Tartary and Sea of Japan, S. by China Proper, and W. by the Russian gov. of Irkutak and Mongolia, from which latter it is separated by a wooden pallsade, connected with the great wall of China, and by a line running down the Songari and other rivers to the Daourian range, on the S. of Siheria. Estimated area, 700,000 sq. m. Pop. unknown. The S. provinces are the only parts of the country that have been visited by Europeans; our knowledge of the remainder being derived only from the doubtful statements of a Chinese geographer. It is, therefore, more than probable, that, should any events lead to the admission of competent travellers into the country, it will be found necessary to make considerable alterations in our maps and descriptions of what is now little better than a terra incognitia. Manchooria lies alterations in our maps and descriptions of what is now little better than a lerra incognita. Manchooria lies chiefly in the great valley formed by the Amurand Songari, with their numerous tributaries, and is bounded by three principal mountain chains, 1. one on the E., running from the peninsula of Corea along the whole line of coast to the N. boundary, and having a probable elevation of 5,000 ft.; 2. the Dacurian mountains called, by the Chinese, the outer Hing-an-ling, which form the entire N. boundary of Manchooria, but also send out minor offsets into the centre of the country; 3. the inner Hing-an-ling, or Statkel chain, which appears to be a reculturation of the Sharese mountains, and is mmer Hing-an-ing, or Stalkol chain, which appears to be a continuation of the Shan-see mountains, and to extend, with little interruption, over a great part of Mongolia. Besides the above principal ranges, there are, to the N. of Corea, some chains of inferior import-ance, bearing several different names; but this part of the country, near, the near themselves the second than ance, bearing several different names; but this part of the country, near the coast, though nominally a part of Manchooria, is inhabited, almost exclusively, by Ainos, a people similar to those inhabiting Jesso and Tarakai, in the empire of Japan. The chief river of Manchooria is the Amur, Sagallen or Kwentung (for it is thus variously called), which, measured along its windings, is about 2,200 m. in length, and, with its tributaries, drains a territory of about 900,000 sq. m. Several of these streams afford pearls; but the principal pearl-fishery is on the E. coast, in the channel of Tartary. It is a government monopoly, and is carried on by Man-

choo soldiers. who are required, annually, to choo soldiers, who are required, annually, to desiver into the imperial coffers, a fixed quantity of pearls. The chief lakes are the Hinkai-nor, a large sheet of water near the source of the Ousouri, in the prov. of Kirin, and the Hoorun and Pir, which give their names to the most W. district of the prov. Teltailar: there are a few others in different parts of the country, but only of small size

others in different parts of the country, but only of smausize.

The nature of the Manchoo soil, and its mineral productions generally, are little known. The people in the N. being chiefly nomads, subsisting by the produce of the chace, pay little attention to tillage; but agriculture is common in the S. districts, and the cerealia, as well as hemp and cotton, are extensively cultivated. The staple productions, however, are ginseng and rhubarb, the former being an exclusive government monopoly. The province of Shing-king, on the guiph of Pechelee, produces corn, miliet, and peas, large quantities of which, with ginseng, are sent by sea to the S. provinces of China. The forests, which clothe the sides of most of the mountains, comprise oaks, pines, firs, and birches; lime-trees, maples, oleanders, acacias, &c. being found on the plains towards the S. The domestic animals of Central Europe are common in the more cultivated districts; but the cattle are small, and the breed of sheep peculiar to this country, called argail, is small, and coarse-woolled. Near the Yablonoi range, rein-deer are kept, and camela are to be seen in many parts of the and coarse-woolled. Near the Yablonoi range, rein-deer are kept, and camels are to be seen in many parts of the S. provinces. The wild animals comprise the ermine, sable, fox, and bear, hunted for their furs, which are a considerable article of trade with the Russians. Fish, especially salmon, and remarkably fine sturgeons, are abundant in the rivers, and held in high estimation by those living near the banks.

The Manchoo territory is divided into three provinces, 1 Shing, king (comprehens the servers).

those living near the banks.

The Manchoo territory is divided into three provinces,

1. Shing-king, (comprising the anc. Leaou-tung), near
the borders of China; 2. Kirin, occupying the country

E. of the Songari; and, 3. Tsitshiar, comprising the whole
country W. and N.W. that river. The government of
the first of these provinces is conducted by civil officers,
on the same plan as in China; but the other provs. are
under a government more strictly military than any other
nortion of the Chinese empire. The governors and on the same pian as in China; but the other provs. are under a government more strictly military than any other portion of the Chinese empire. The governors and magistrates are all military men; and the law makes all males, above 16 years of age, liable to serve under the standards to which they belong by birth, of which there are 8, each being distinguished by its peculiar flag. Kirinoolo is the metropolis of the country, and the residence of the supreme governor. Ningoota, on the Hooka, a tributary of the Songari, is also held in high esteem, in consequence of the Songari, is also held in high esteem, in consequence of the Songari, is also held in high esteem, in consequence of the Songari, is also held in high esteem, in consequence of the Songari, is also held in high esteem, in consequence of the Songari, is also held in high esteem, in consequence of the Songari, is also held in high esteem, in consequence of the Songari, is also held in high esteem, in consequence of the Songari, is also held in high esteem of the Songaria of the S

walls, and garrisoned by small bodies of soldiery.
The general history of the Manchoos, or Bastern
Tartars, with an account of their physical conformation,
has already been given at some length in the article
Asia, in this work (I. 192—194), to which the reader is
referred for further particulars. (See, also, Monocuta,
Ritter's Asien, 1, 85—183., II. 210—320.; Klaproth's
Magasin Asiatique, and Asia Polygiotta, Appendix;
Chinese Repository, vol. 1. p. 113—118.; and also vols. v.
and vi.)

and vi.)

MANDAVEE, a town and sea-port of Hindostan, MANDAVEE, a town and sea-port of Hindostan, being the most populous town, and principal emporium of Cutch, on the S. coast of which it stands, 35 m. S. S. W. Bhooj; lat. 32° BO' N., long. 69° 34′ E. Pop. probably 50,000; of whom, upwards of 18,000 are Bhattias, 10,000 Banyans, 5,000 Brahmins, and the rest Lohannas, Mohammedans, and Hindoos of low caste. "The town is within gun-shot of the beach, and is surrounded with fortifications in the Astasic style. Its environs are laid out in gardens well stocked with cocos-nut and other trees. The bed of a river, nearly dry, except in the rains, covers the E. face, and joins the sea, forming the only harbour which Mandavee has. Small boats, laden, can cross the bar at high tides; larger vessels unlade in only harbour which Mandavee has. Small boats, laden, can cross the bar at high tides; larger vessels unlade in the roadstead. A brisk trade is kept up with Arabis, Bombay, and the Malabar coast, in which upwards of 800 boats, of from 40 to 500 candles tonnage, are employed. The exports are chiefly cotton, musroo of silk and cotton thread, plece goods of a coarse kind, alum, and glue. The imports are, bullion from Mocha; tvory, rhinocero: horns, and hides, from Powshi; dates, cocos-nuts, grain, and timber, from Malabar and Damaun. There is a considerable inland trade, by means of charcons and other carriers with Marwar and Malwah." (Bombay Tyansac., il. 217.; Geog. Journal; Hamilton's E. I. Gaz.)

MANDURIA, a town of the Neapolitan dom., prov

oranges, which norm an important article of commerce throughout Apulla. It exports considerable quantities of sait, obtained from the sait lagoons which border the coast of the bay to the S. of the town. It has also a considerable trade in corn, quantities of which are shipped

coast of the bay to the S. of the town. It has also a considerable trade in corn, quantities of which are shipped from its port.

About a mile S. W. of the town stood the ancient Sipontum, once a considerable city of Magna Græcia, and traditionally said to have been founded or colonised by Diomed. Its site is now principally occupied by a low marsh, abounding with wild fow! and productive of the malaria which infects Manfredonia. The only remains of the ancient city are its cathedra!, and two columns of cipolino marble, both in a dilapidated condition. The former is a small Gothic edifice, with a handsome portico, but little adorned within. It is still the seat of an archie-piscopal see, founded in 1094. Sipontum, which was considered by the Romans a. v. c. 558, had fallen into such irreparable decay in the 18th century, that Manfred, king of the Two Sicilies, having founded, in 1266, the town which bears his name, but which he called Nowans Stoomstom, removed thither the few inhab. of Sipontum, bestowing on them many valuable privileges and exemptions. But, though it has always enjoyed some commerce, Manfredonia never attained to the prosperity or celebrity of its ancient predecessor, and has long been stationary. (Swindburne's Tower is the S. Prove. of Naples, 61. 70.; Cramer's Ancient Idaly.)

MANGALORE. or COREAL BUNDER. a sea-port

149—151.; Crasen's Tour in the S. Provs. of Naples, 67. 70.; Crasser's Ancient Italy.)

MANGALORE, or COREAL BUNDER, a sea-port town of Hindostan, prov. Canara, of which it is the cap., on a sandy promontory between a sait lake and the Indian Ocean, 440 m. S. S.E. Bombay; lat. 12° 53° N., long. 74° 57° E. Early in the present century it had 30,000 inhab. The town is well built, and has a fort, now dismantled, which opposed a gailant and successful resistance to Tippoo, in 1783. The port does not admit vessels drawing more than 10 ft. water, except at

Orranto, cap. each, in an arid plain, 22 m. E. S. E. Taranto. Pop., about 5,000. It is a straggling but well built town, with wide unpared streets, many handsome churches, several convents, an orphan asylum, and a large palace, formerly belonging to the Francavilla family. The town during the middle sges, and carried to the sale of the sale more than 2 m. in circ., is surrounded with strong walls, and a broad ditch, and has not more than 10,000 or 12,000 inhab. At the mouth of the river is a small battery, and the town is further protected by the citadel of Santiago, near its N.W. extremity; but Manilla could not make any effectual resistance to a European force. The city which is entered by six gates, is regularly laid out; and, according to Meyen, by whom it was visited, in 1831, it is superior in point of appearance to either Lima or Santiago. (Reise um die Erde, ii. 207.) The streets have carriage-ways, composed of a mixture of loam and quartz, and are provided with footpaths, and lighted at night. The houses in the city are solidly constructed, though, on account of earthquakes, they are seldom more than one story above the ground-floor. The houses in the suburbs, however, are not so substantial. In Bidondo, for example, they are almost wholly composed of bamboo, and are raised from the ground, to the height of 8 or 10 ft., on thick poles, as is customary among ultra-Gangetic nations. Most of the houses are furnished with balconies and verandahs; the place of glass in the windows is supplied by thin semi-transparent pieces of shell, which, though more opaque, repel heat better. Bidondo is the most interesting portion of Manilla, and that in which its trade mostly centres. It is principally inhabited by Chinese and Tagalas, and looks very like a Chinese town. a Chinese town The public edifices are mostly within the walled city

a Chinese town.

The public edifices are mostly within the walled city. The new adiasas, or custom-house, is a large fine building, constructed at a great expense; but, like the Dublin custom-house, its size is out of all proportion to the business to be transacted in it. The residence of the Captain-General, and the principal government offices, are also in a large edifice, occupying one of the sides of the Plaga Mayor, or principal square. This square measures about 100 yds. either way, and has, in its centre, a bronze statue of Charles IV., on a marble pedestal, presented to the city by Fordinand VII. in 1834. There are, in Manilla, a vast number of churches and ecclesiastical establishments; and the number of clergymen is said to exceed that of the garrison, which is estimated at about 7,000 men! We need not, therefore, be surprised to learn that religious observances are here scrupulously compiled with, while real plety and sound morality are at the lowest ebb. The city was erected into an archbishopric in 1598; and the cathedral and archbishop's palace are among its most conspicuous structures. The Augustine, Franciscan, Dominican, and Jesuit convents, the arsensi and cannour foundery in the citadel, the university (founded in 1645), the missionary college, the various schools for natives and Europeans, the hospitasis, orphan saylums, and other charities, and the royal cigar manufactory, in which 350 males and 2,000 females are said to be employed, include the other principal public buildings.

* Meyen, Reles, Se., ii. 210. The Diel. Geig: mays that the bridge was restoured on 1814, made on grande partie renvered par le tremblement de terre de 1824.

ds, &c.

rice grounds, &c.

The Passig is navigable for vessels of 600 tons in ballast, or for laden vessels of from 250 to 300 tons, as far
as the bridge; and for large shallow boats, drawing from
2 to 3 R. water, as far as the lake in which it rises, about
9 m. inland. There are 13 R. water, at low ebb, in the
channel through the bar at the entrance of the river; for
the further deepening of which a steam dredging-boat has
been employed since 1837. The rise and fall of the tide in
the river is from 2 to 3 R. A lighthouse, at the end of the
pier, marks the entrance of the Passig on the left-hand
side. Ship of all sizes anchor in Manilla roads, at from
1 to 2 m. off shore, except during July, Aug., and Sept.,
when the 5. W. monsoon throws in a heavy sea, which exbends quite to the entrance of the river. At this season,

and establishments. The promenades round the city are , therefore, small vessels load and unload in the river, and frequented in the evening by the more opsient classes, on , are vessels at Cavité, an anchorage sheltered by a neck horseback, or in their carriages. The neighbourhood is of land to the S.W., and about 6 or 7 m. by water from interspersed with orange, areca, tamarind, and mango groves; gardens; coffee, coocs, and cotton plantations; and from Manilla, in secure decked boats, of from 50 to 1 and from Manilla, in secure decked boats, of from 50 to 1.

70 tons burden.

Manilla is the only port in the Spanish Philippines with which Spanish vessels to or from Europe, or foreign vessels from any quarter, are allowed to trade. Spanish vessels trading to China, Singapore, &c. are, however, allowed to proceed to various outports, and there take on board their outward cargo. The principal articles of export are sugar, which is by far the most important; hemp, and stuffs made of hemp; rice, of which large quantities are sent to China, indigo, sapan and other woods, tobacco, cigars, coffue, cotton, tortoise-shell, hides, ebony, &c. The tobacco of the Philippine Islands is excellent, and might be produced in any quantity; but its growth is comparatively limited by its being made a government monopoly. (Se Philippine Islands.)

The following is an Account of the Quantities and Values of the Principal Articles exported from Manilla

Articles	By Foreign Vessels.	By Spanish Vessels-	Total.	Pri	OF.	Greu	Nahum	
Sugur Sapat-wook Hongy Calife Hongy Calife Hongy Calife Hongs of part-shells Please of molove (timber) leading to the same calife Hongs of the Sapat S	57,365 5,365 6,306 7,351 1,001 4,368 1,0531 4,568 2,106 ctys. 2,106 ctys. 15,364 ptc. 19,390 in no. 5,141 boxes	26,331 pic. 9,701 9,701 9,501 9,514 632 2,1244 11 149 99 ctys. 1,9105 ctys. 76,906 covs. 19,018 pic. 19,018 pic. 1,437 burgs 10,0-0 pieces	229, 183 plc. 25,665 25,664 6,858, 9,655, 1,018 1,018 1,055 1,018 1,069 1,099	Delix. 4 1 4 15 13 3 14 5 66 7 1 25 2 3 12	RIs. 2	Dalla. 941,377 25,695 257,734 84,960 85,744 37,415 14,210 24,024 118,303 34,625 177,303 177,806 144,950 114,950 114,950 1,728 2,656 6,770	R/s. 6	102

	изм?-									
Years.	To U. States.	To Europe.	Total.							
1845	Piruls. 71,107	Piculs. 14,990	Picuis. 86,097							
1844 1845	89,132 95,258	8,934 7,202	95,065 182,490							
1846	92,696	16,500	109,196							
1847	1 100,265	16,739	117,124							
	1	etoar.	•							
1843	54,548	176,196	230,546							
1844	70,106	147,420	217,526							
1845 1846	71,000 86,050	103,000 176,306	175,000 211,258							
1847	91,435	111,447	202,582							

minore capoters note mentile in 1000.									
Articles.	Quantities.	Value.							
Iron piculs Cottons, gray yeb. Do. white — Starfpes — Starfpes — Starfpes — Starfpes — Starfpes — Starfpes — Mosilins — Mosilins — Unbrettus — Mosilins —	21,874 4,643,975 1,138,332 232,199 286,170 67,361 199,246 167,997 351,015 22,998 776	Dellare. 87,496 580,484 171,050 65,306 86,445 134,742 94,530 118,197 137,734 16,798 27,740 214,805							
Total value in Sp. dollars		1,665,265							

Vot. 11.

Wooltens and wented — 167,597 | 116,197 | 116,197 | Muslims — 801,015 | 137,758 | 16,758 | 16,758 | 1778 | 214,505 | 178 | 214,505 | 178 | 214,505 | 178 | 178 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,758 | 179,7

fortified, and has st different times suffered severely from sieges and bombardments; but towards the end of last scentury its defences were levelled by the French, and their site is now laid out in gardens and public walks. Mannheim is a regularly-constructed, handsome town; though it is, notwithstanding, monotonous and tiresome. It consists of 11 streets, crossed at right angles by 10 others, all perfectly straight, broad, well paved, and equidistant; and its houses being uniform, if is difficult for any one, not resident, to distinguish one part of the town from another. It has several handsome public squares, which, though the town be deficient in good water, have mostly fountains. The spacious Paradeplats and the Planksen, or principal thoroughfare, both principal public edifice is the palace, a huge structure of red sandstone, built by the elector palatine when he made Mannheim his cap., in 1730, but more remarkable for size than elegance. A part of it is inhabited by the dowager grand duchess Stephanie, the adopted daughter of Napoleon and Josephine; and in one wing are museums of antiquities and natural history, the picturegallery, with some fine Dutch and Flemish paintings, collections of plaster casts and engravings, and a library, said to consist of 70,000 vols. (Horscheimasse's Steins); but the other wing, comprising the old theatre, was mostly laid in ruins during the bombardment of Mannheim in 1798, in which state it remains. The new theatre, a handsome fabric, is neatly fitted up, and is rich in scenic decorations: it is said to have one of the best theatrical companies and orchestras of Germany; and is celebrated as being the place at which Schiller's tragedy of the Robbers was originally produced. Opposite the theatre is the house in which Kotsebue was assassinated. Mannheim has about an equal number of Lutheran and Rom. Cath. churches, of which that formerly belonging to the palace, whence an extensive view of the surrounding country is obtained; and, like the Neckar, is crossed by a bridge of

and the Neckar. Prevolved to book when it was inviting to book the theory frequency of the latest property of the latest latest prop

adapted for county meetings; a theatre, and the church, a commodious Gothic edifice, containing some curious monuments, and fine specimens of painted glass. The Presbyterians, Wesleyan and Calvinist Mathodists, and the Society of Friends, have their respective places of worship. It which as well as the church are thodists, and the Society of Friends, have their respective places of worship; to which, as well as the church, are attached well supported Sunday schools. A grammar-school was established here in 1567, by Queen Elizabeth, who endowed it with a part of the church-land of the par, and founded for it 2 scholarships, of 164. each, at Jesus College, Cambridge; but the management appears to have been unsatisfactory, and it had, in 1883, only 27 scholars, including the master's boarders. (Cher. Commun. 25th Men.) There are two other charity-schools one of 25th Rep.) There are two other charity-schools; one of which was founded in 1725, for teaching and clothing 20 boys and 20 stela. and for naving analysis. which was founded in 1725, for teaching and clothing 30 boys and 20 girls, and for paying apprentice fees with the former. Besides the above, there are several other charities and money-bequests. The inhabs, are chiefly engaged in the hosiery and lace trade, and in cotton apinning; it had, in 1839, 5 cotton-mills, which employed above 400 hands. There are some large iron foundries, for light castings; and the town has also a considerable trade in corn and malt, as well as in the valuable building-stone, quarried in its vicinity. A railway connects it with the Pinxton canal; and, from its proximity to the N. Midland railway, it seems probable that it will, at no distant period, be united with that line. Petty sessions for the hund, are held here; and it is the election-town for the N. division of the co. Markets on Thursday; large cattle fairs, 5th April, 10th July, and the 2d Thursday in Oct.

for the N. division of the co. Markets on Thursday, iarge cattle fairs, 8th April, 10th July, and the 2d Thursday in Oct.

About 1½ m. from Mansfield is the village and township of Mansfield-Woodhouse (pop., in 1831, 1889), near which are some curious and pretty perfect remains of 2 Roman villas. Within a few miles are Worksop Manor, formerly belonging to the Duke of Norfolk, but now the property of the Duke of Newcastle, who has decided on pulling it down; Clumber, the seat of the latter, Thoresty, of Lord Newark; and Welbeck, of the Duke of Portland. Hence, in popular language, this part of the co. is called the dukery.

MANS (LE) (an. Suindinum and Cemonanie), a town of France, dep. Sarthe, of which it is the cap., on the Sarthe, here crossed by three bridges, 50 m N.E. by N. Agers, and 120 m. S.W. Paris. Pop. in 1846, ex. com., 21,026. It stands partly on the decilvity of a hill, and arity beside the river. The latter portion is very illbuilt, and has narrow crooked streets, impassable for carriages; but the upper town, though irregular, is open, and tolerably well built, its houses being of stone, roofed with slate. A handsome new quarter has been laid out, having a large square in its centre; and there are two good public promenades, one along the bank of the Sarthe. The Romans surrounded the ancient city with walls, a portion of which, on the N.N.E. side, remains nearly perfect; but the modern town is of no strength. Le Mans has several remarkable ecclesiastical structures. Its cathedral, begun in the 9th, but not finished till the l6th, century, is a fine Gothic edifice, a height, the supports of which in the interior are ornamented with numerous statues. The choir is inferior in elegance only to that of Beauvais; and the stained glass window in the S. arm of the cross is much admired for its richness. The church of St. Julian is an interesting edifice of the 11th century. Another church, built in the 13th century, presents a combination of the Gothic and window in the S. arm of the cross is much admired and its richness. The church of St. Julian is an interesting edifice of the 11th century. Another church, built in the 13th century, presents a combination of the Gothic and antique style. The new prefecture, the town-hall, and the theatre, are handsome buildings. Le Mans has two hospitals, a seminary, with a library of 16,000 vols., a public library, with 45,000 printed vols. and 500 MSS., in excellent preservation; several other libraries, museums of natural history, antiquities, and painting, the latter having several works by Guido, A. Durer, Teniers, Vandyk, &c.; a royal society of arts, a communal college, schools of drawing, midwifery, &c. It has manufactures of linea and coarse woollen stuffs, wax candles, &c.; and a considerable trade in these, and in rags, iron, sait, wine, brandy, and agricultural produce. Le iron, sait, wine, brandy, and agricultural produce. Le Mans has suffered much from the ravages of war at dif-

iron, sait, wine, braind, and agricultural produce. Les Mans has suffered much from the ravages of war at different periods; and, in 1793, it was the scene of the last struggle between the Republican and Vendean forces. (Hugo, art. Sarthe; Guide dis Voyagess, ξc.) MANTINEIA, a celebrated city of ancient Greece, in Arcadia, the ruins of which, close to the wretched ham, and enclosed S.E. by the rugged heights of Partheolom and Artemisium, are about 7 m. N. Tripolissa, and 17 m. W. by S. Argos. The walls, probably built soon after the battle of Leuctra (s. c. 371), are similar to those of Messene, and enclose an oval space in which the city stood; they have square towers, and the whole exhibits an interesting specimen of Greetan fortification. A ditch, or fosse, round the walls is supplied by the Ophis; which, at certain seasons, would inundate the plain were to not absorbed by a chasm (κατάβαθεω), through which its waters find a subterraneous vent. Mantinela had eight

temples, besides a theatre, stadium, hippodrome, and several other monuments enumerated by Pausanias. (Arcadia, ch. 8—11.) Some imperfect remains of the theatre are still visible, but no other ancient building can be identified; and every thing, except the enclosing walls, is in a state of total dilapidation. (Dodwell, if.

But Mantineia is wholly indebted for its long-continued colebrity to the great battle fought in its vicinity, same 362 B. C., between the forces of Sparta and Thebes, and their allies; in which Epaminondas, the leader of the Thebana, and the most illustrious, perhaps, of all the warriors of Greece, fell in the moment of victory. Xenophous is very brief in his account of the battle; but it may be collected from his statement that, on the whole, the plan of the Theban general succeeded in all its parts. The charge of the Theban and Thessalian evalur, which commenced the attack, was completely suc-423.) but it may be collected from his statement that, on the whole, the plan of the Theban general succeeded in all its parts. The charge of the Theban and Thessalian cavalry, which commenced the attack, was completely successful and prepared for the deeper impression made by the column of Theban and Areadian infantry. But, is the critical moment, when the phalanx of the Lacedemonians had been broken, and a decisive victory papeared to be secured, Epaminonias received a mortal wound; and, being carried to a rising ground, whence he night view the scene of combat, would not allow the weapon to be extracted till assured that the victory had been won, when he almost immediately expired. But his fall, and the consternation thence arising paralysed the successful army. They kept the ground they had gained, but did little or nothing more. Hence it was that the result of this great context disappointed the expectations of those who had supposed that it would be decisive of the fate of Greece. "The Gods," says Xassophon, "decided otherwise. Each party claimed the victory, and neither gained any advantage; territory, town, and dominion was acquired by neither; but indecision, trouble, and confusion, more than ever before prevailed throughout Greece. "(Xen. Hell. 1. vii. c. & as finem.). This, however, is the statement of a partian of Sparta, and is not quite fair. The Theban confederacy was, on the whole, decidedly successful. They defectually broke the power and humbled the pride of Sparta; and, by re-establishing the independence of the Recessinan, the old and inveterate enemies of the Lacedemoniana, the old and inveterate enemies of the Lacedemoniana, they obtained a new guarantee against any changerous increase of their power in future. (See Miller of the Achean league; and its name was changed, in hosour or of the conqueror, to Antigonia, which is retained till the time of Adrian, who restored its original appellation.

the wars of the Achean league; and its name was changed, in honour of the conquery, to Antigonia, which it retained till the time of Adrian, who restored its original appellation.

MANTUA (Ital. Messows), a fortified town of Austrian Italy, prov. Lombardy, cap. deleg. Mantua, on both sides the Mincio, 21 m. S.S. W. Verona, and 27 m. E. by M. Cremona; lat. 48 9° 16" N.; long, 10° 26" 10" K. Pop., in 1827, 26,265. Its situation is peculiar, being in fact nearly surrounded by lakes, partly natural, and partly formed by damming up the waters of the river. The mounds, or dams constructed for this purpose, are sometimes called bridges, from their being perforated with arches, to allow the superfluous water to escape; and by these the town is connected with the Borgo of Sens Gorgie. The latter, as well as the town itself, is surrounded by strong walls; to the S.E. is the outwork of Fradelba, and to the S. the fortified island of Cerese, or T. from its alleged resemblance to that letter. The fortified by the sense of the bulwarks of Italy. Mantua has some good streets and squares, but, on the whole, it is ill-built and dirty. Many of the inhabs. live in cellars, its pop. has declined, and it has a decayed appearance. Its best part is the Plassa Virgiliana, a large square, surrounded with trees, and open to the lake. The climate is subject to great extremes, and in summer the exhalations from the surrounding swamps make it very unbealthy; though, of late years, the Austrian government has exerted itself, by draining part of the marshes, and opening a passage for the stagnant waters, to leasen its insalubrity. Several of the public edifices in Mantua were designed or adorned by Gluio Romano. But the exthedra, land to be, indeed, one of the handsomest churches in Italy: it has fine statues of Faith and Hope, by Canova. The old ducal palace (Palaxav Vecchio) is a large imposing building; and, were it perfect, would be one of the finest palaces in Europe. It is beautifully adorned with Flemish and Mantuan tapestry and rich

MARACAYBO.

graphuriture; and, though repeatedly despoiled, it has still to boast of a room painted in freeco, by G. Romano. But the most celebrated freeco of Romano, "the Fall of the Gianta," is in the palace of the T. At the extremity of one of the bridges is a handsome gateway, attributed to Romano, who also erected the open arcade on the bridge over the Mincio, in the beart of the city. Romano inhabited a house opposite the church of St. Barnahas, in which is his tomb. There are numerous convents, a Jews' spangoue, a cityl hospital, two orphan asylums, a monte-di-pacia, a workhouse, an asylum for 50 poor Jews, an arsenal, cavalry barracks, a large prison, a new and a summer theatre, an imperial academy of arts and sciences, a lyceum, a gymnasium, a public library with 80,000 vola and many MSS, attached to which are a museum and a fine gallery of sculpture, which has a celebrated bust of Virgil, a botanic garden, and various other scientific and liberary institutions. Mantus is a bishop's see, the residence of an Austrian delegate, and the seat of the council, and civil, criminal, and countered in the council, and civil, criminal, and countered in the seat of the council, and civil, criminal, and countered in the seat of the council, and civil, criminal, and countered in the seat of the council, and civil, criminal, and countered in the seat of the council, and civil, criminal, and countered to that of the degraph of the days of her prosperity, and when governed by her own dukes, Mantus is said to have had a pop. of 80,000, and extensive manufactures; and, though the latter be greatly fallon off, she still produces limited quantities of alik, woollen, and libera fabrics, with leather, parchment, paper, cordage, &c., and carriages and boats for the navigation of the Po. Mantus is very ancient, her foundation being probably antecedent to that of Rome. She derives her principal calebrity from her being the native country of Virgil, that great poot having been born in her immediate visi-nity, seec 70 s. c.

Mantas Muserum domus, tique ad sidera centu Evecta Adnie, et Impromis munia pietris. Sidus Halicus, tib. viii. Im. 565.

Mantua appears, from the contrast, in the first Relogue, between her and Rome, not to have been a place of much importance in Virgil's time; and Martial applies to ber the epithet of pares. (Ep. xlv. 182). Her unlucky vicinity to Cremona made her territory be divided among the veterans of Augustus. (See art. CRIMINA, in this work.)

work.)
After the conquest of N. Italy by Charlemagne, Mantua became a republic, and continued under that form of government till the 18th century, when the Gonaga family acquired the supreme direction of its affairs. They were subsequently raised to the title of dukes, and held possession of Mantua till 1707, when it was taken by the Austrians. Under the French, it was the cap. of the dep. of the Mincio. (Forsyth; Eustace; Woods; Oestern. Nat. Race. Rc.)

dep. of the Mincio. (Forsyth; Eustace; Woods; Oesterr. Nat. Eucyc., &c.)

Nat. Eucyc., &c.)

MANZANARES, a town of Spain, prov. La Mancha, 94 m. E. by N. Ciudad Real, and 100 m. S. Madrid. Pop. 9,100. It stands in the loftiest and bleakest part of the prov., on the high road between Madrid and Seville; being, according to Inglis, "a place of considerable size, and proportionate poverty." A par. church of Gothic architecture, a castle, hospital, and cavalry barracks are the only public buildings; the private houses are better built than in most towns of Spain. The Inhab. are chiefly employed in the production of saffron, for which the neighbourhood is celebrated, and of the Val-de-Pefias wine, highly esteemed all ower Castile; the only other branches of industry being the manufacture of coarse woollens and linens for home

or sarron, for which the neighbourhood is celebrated, and of the Val-de-Pefias wine, highly esteemed all over Castile; the only other branches of industry being the manufacture of coarse woollens and liners for home supply. Not far from Mansanares are the ruined walls and tower of the ancient Marsas; a city described, in Antoniue's Literarsy, as being on the road from Laussians (Albambra) to Toleture (Toledo).

MANZARES, a small river of Spain, tributary to the Taous, and flowing by Madrid, which see.

MARACAYBO, MARACAIBO, or NUEVA ZAMORA, a fortified city of Venesuela, cap. dep. Zulia, and prov. Marsacybo; on the W. shore of the strait connecting the lake of Marsacybo with the sea, 175 m. R. S.E. Santa Marta, and 320 m. W. by N. La Guayra. Lat. 10° 39° N., long, 71° 40° W. In 1801, its pop., including a number of Spanish refugees from St. Demingo, was estimated at \$4,000; and it may still, perhaps, amount to 20,000. It stands on an arid and sandy soil, partly on the shore of a small inlet of the strait, Several of its houses are built of a compound of lime and sand, without stone, but they are nearly all thatched with reeds; and, as the greater number consist wholly of roeds and strain, the town has a mean appearance, and is very subject to fires. A handsome par. Church, a chapel, a Franciscan convent, and an hospital, are the only public buildings of which modern travellers make mention. The harbour of Marsacaybo, within the bar at the entrance of the straits, has deep water; and is defended by the 3 castles of San Carlos, Zapara, and Bajo Seco, situated on the islands of the same names, among the shoals forming the bar. The Bajo Seco, or dry shoal, is in advance of the tother islands; and the best channel to the harbour, on the tother islands; and the best channel to the harbour, on the bother islands; and the best channel to the harbour, on the tother islands; and the best channel to the harbour, on the tother islands; and the best channel to the harbour, on the tother islands; and the best channel to the

and in the summer, when violent thunder-storms and earthquakes occur, the city often suffers greatly from very heavy rains. This port has superior facilities for ship-building, and its shipwrights have produced some fine schooners. A brisk traffic is carried on with the inserior by the numerous vessels which navigate the lake. The inhabs. are said to be good sailors, and they have generally a taste for a sea-faring life. Many, however, devote themselves to the care of cattle, large herds of which are reared in the vicinity. (Geog. &c. Account of Colombia, 1.217—225.; Mod. Tras. xvii.; Encyc. Amer.; Encyc. of Grog., American edit.)

MARACAYBO (LARE Or LAGOON OP), a large lake, or inlet of the sea, in the N. part of S. America. repub. Venezuela, dep. Zulia, prov. Maracaybo. It extends between lat. 95 % and 105 30° N., and long. 710 and 73° 30° W., and is of an oval, or rather "decanterilike" shape; communicating, at its N. extremity, with the Gulph of Maracaybo, by a strait nearly 20° m. in length, and varying in breadth from 5 to 10° m. Length of the lake, N. to S., nearly 100° m.; greatest breadth, about 70° m.; circ. Probably about 250° m. Inside it has water enough to doat the largest vessels; and, being easily navigated, serves for the conveyance to Maracaybo of the produce of the interior intended for consumption in, or exportation from, that city. But a shifting bar, at the mouth of its strait, where it unites with the see, in lat. 110° T, having only 14° ft. water, renders it inaccessible to large ships. It receives several considerable rivers, so that its waters are perfectly fresh, sweet, and 3t for drinking, except in the spring, when strong N. winds impel inwards a swell from the gulph, which renders them brackish. The lake is not very subject to violent tempests. It abounds with fish and they are, in general, so unhealthy, that the Indians prefer mounting their huts on irou-wood posts in the water, to fixing them on the shore. It was from the mounts of their huts on irou-wood posts in the water, to f

employed in the cultivation of the fertile country round the town.

On the top of a mountain rising behind Maraga are the teemeins of an observatory, built by Holaku, for the use of Nazer-a-Deen, one of the most famous Oriental astronomers; and at the foot of the hill are several cavetemples, similar in form, though not equal either in size or beauty, to those of Hindostan. (Kissacir's Persis, p. 186., &c.)

MARANHAM, or SAN LUIS, a city and sea-port of N. Brasil, cap. of the prov. Maranham, on the W. coast of the island of the same name, in the bay of Marcos, 500 m. B. by S. Para. Lat. 5° 21' 30" S., long. 44° 16' W. The inhab. are variously estimated at from 12,000 to 80,000, of which a large proportion are negroes. The city is built on unequal ground, extending inwards about 1½ m. from the water's edge. It is laid out in a straggling manner, with numerous squares and broad streets, the latter being only partially paved. There are many beat and good-looking houses; the better sort consist of a ground floor, and a story above; the lower part being usually employed as a shop, and lodging for servants, and the upper as the apartments of the family. These houses have mostly balconies, and are handsomely fitted

up. In the poorer and unpared streets the houses consist of only a ground floor, and having thatched roofs and unglazed windows, their appearance is extremely mean and shabby. Adjoining the shore is an open space, one side of which is nearly taken up with the governor's palace, town-hall, and prison, which occupy a long, uniform, and handsome stone building, of one story in height; another of its sides is occupied by the cathedral. This, which was formerly the Jesuit's church, is said to be the finest of any in the wartings of the said to be the finest of any in the wartings of the said to be the finest of any in the wartings of the said to be the finest of any in the wartings of the said to be the finest of any in the wartings of the said to be the finest of any in the wartings of the said to be the finest of any in the wartings of the said to be the finest of any in the wartings of the said to be the finest of any in the wartings of the said to be the finest of the said to be said said to be the finest of any in the maritime cities of Brazil, except that of Para. The Jesuits' college is now said to be the finest of any in the maritime cities of Brazil, except that of Para. The Jesuits' college is now the episcopal palace. There are a great number of other churches and convents, a treasury, two hospitals, various public schools, and a custom-house, which, though small, was till recently quite large enough for the business of the place. Latterly, however, its commercial importance has been much increased; and it is the principal port of the empire for the shipment of cotton and rice; the other articles of export consist principally of hides and horns, caoutchouc, isinglass, sarsaparilla, cocoa, &c. We subjoin an

ACCOUNT of the Number and Tonnage of the Ships which cleared out from the port of Maranham in 1837 and 1838, specifying the Countries to which they be-longed, and the Value of the Cargoes:—

		1837			1838	
Countries.	Ves- sels.	Ton- nage.	Value of Cargoss.	Ves-	Ton- nego.	Value of Cargona.
British - Brazilian - Portuguese - Spanish - French - American - Helgian - Hamburg - Danish - Sardinian - Prussian -	18 54 19 16 10 10	6,091 7,484 3,696 2,104 2,100 1,287 119 276 184	214,4984. 44,178 57,237 54,971 4,667 5,714 5,252 1,764 2,482	23 37 17 11 4 6 8	7,035 4,545 8,965 866 685 729 806 472 90 219 207	196,207/L 22,212 52,516 21,983 3,365 3,005 3,158 1,106
Total -	132	23,541	386,753	108	19,166	303,552

We have no authentic information as to the importa-tion of slaves into Maranham; but there can be no doubt it is very considerable, and may, perhaps, be estimated at above 3,000 a year.

The harbour of Maranham is rather difficult of access.

abore 3,000 a year.

The harbour of Maranham is rather difficult of access. It is usual for vessels arriving on the coast to make the light-house on the island of St. Anna, about 40 m. N.E. Maranham. The harbour of the latter consists of a narrow creek, defended by some indifferent forts. It is so beset with shoals and islets, as to render a pilot always necessary, but with such there is no real danger. It has about 18 ft. water at low ebb; but it is asid to be filling up, and that the probability is that the port will, at no very distant period, be transferred to Alcantara, on the opposite side of the bay. The latter, indeed, is in all respects a preferable port, being more easily accessible, having deeper water, and greater facilities for getting the having deeper water, and greater facilities for getting the peopled; having a number of villages, which uniformly consist of four large timber huts, from 300 to 500 paces in leagth, and about 20 or 30ft. in depth, each capable of accommodating from 200 to 300 inhab. This city was founded by the French in the early part of the 17th century. (See Brazit, in this Dict.; Mod. Tron., XXX. 379. 281.; Respec. Asserticans; Blunf's American Pilos, Ge., p. 515.)

MARAZION, or MARKET-JEW, a decayed bor., see-port, market-town, and township of England, St. Hillary par., co. Cornwall, E. div. of hund. Penurth, 25m., 1, 25m., 1, 25m.,
total N. whose. The par. church is 2m. distant; our it has a chapel of ease, and places of wership for Wesleyam-Methodists and other dissenters. An endowed school is held in the guildhall; a national school and three Sunday schools furnish instruction to the children of the poor; and there are a few charities. Its principal trade consists in the importation of timber, coals, and iron, for the supply of the town and neighbouring mines. The market, held on Saturday, is well supplied, especially with ready-made shoes; and 2 large cattle fairs are held 3d Thursday in Lent and Sept. 29.

Though a bor. by subscription, this town was chartered by Queen Elisabeth; the corporate officers being a mayor and 8 aldermen, with 12 cap. burgesses, whose privileges were not interfered with by the late Mun. Reform Act. It is supposed to have sent mems. to the H. of C. at a former period, but certainly not subsequently to 1658. Its name, Market-Jew, has been supposed to be derived from its having been, in the period of its prosperity, a great trading place for the Jews, but the presumption is unsupported by history; and it appears more rational to conclude that it is a corruption of its ancient name Marghasyon, or Marghasiewe. pears more rational to conclude that it is a corrits ancient name Marghasyon, or Marghasiewe.

MARBELLA.

MARBELLA (an. Stitute), a sea-port town of Spain, in Andalusia, prov. Malaga, 30 us. S.W. Malaga, and 26 m. N.E. Gibraltar. Pop., acc. to Midano, 4,82. "It stands slightly elevated above the sea; and its turredurable and narrow streets declare it to be thoroughly Moorish. The town is particularly clean, and respectably inhabited; the fishing portion of the pop. being located more conveniently for their occupation, in a large suburb on its E. side." A church, two hospitals, and an old Moorish castle, are its principal public luildings. The trade of Harbella Is only triding: its valuable mines of lead and irun, which formerly secured for it a certain degree of prunquerity, have been for many years totally abandoned, its sugar-refinery and tan-pards have disappeared, and fishing now forms the chief occupation of the inhabs. There is no harbour; but vessels find excellent holding-ground, in deep water, near the above. The landing also is good, on a fine hard sand; and a small pier has a lately been constructed. (Scott's Roseds and Granades, it. 318.) ı, II. 378.)

for has latesy been constructed. Course some Granden, il. 378.)

MARBURG, a town of Hesse Cassel, cap. circ. Upper Hesse, on the Lahn, a tributary of the Rhine, 50 m. S. W. Cassel, and 58 m. N.E. by E. Coblentz; lat. 50° 48° 41° N., long, 8° 40° 12° E. Pop., incl. the subarb of Weldenhausser, on the opposite bank of the Lahn, 7,700. It is built on the slope of a hill, crowned by a ruined castle; and has narrow and dirty streets, and indifferent houses. Its only building worth notice is the church of St. Elizabeth, an elegant edifice, and one of the earliest existing specimens of the pointed Gothic style, baring been commenced in 1255, and finished within the succeeding 48 years. The tomb of St. Elizabeth in this church, has been long resorted to by pilgrims, and was formerly adorned with numerous gens and articles of value, mostly carried off by the French in 1810. In the transpot are several curious monuments of the Landgraves of Hesse. The university of Marburg, founded graves of Hesse. The university of Marburg, founded in 1527, has 40 professors, and a good library of 70,000 wols. In 1833, it was attended by 422 students, but, in 1840, the number of pupils had declined to 285. Marburg has also the Wilhelm's Institute, a school of surgery; and a philological seminary, teachers' semi-nary, botasic garden, school of veterinary medicine, Lu-theran and Catholic orphan asylums, a workhouse, a free-school of industry, &c. The inhab, derive their free-school of industry, &c. The inhab, derive their principal support from the university, and from the manufacture of linen fabrics, stockings, hats, tobacco, and tobacco-pipes, &c. It is the seat of the chief judical and other state establishments for Upper Hesse. (Berg-

indectore of them fabrics, stockings, hats, tobacco, and other state establishments for Upper Hesse. (Berghams) & Sexim.)

Marbuso, a town of the Austrian empire, being neire on the Drave, and on the road from Gräts to Laybach, 36 m. S. S.E. the former city. Pop., in 1837, 4,578. Mr. Turnbull says, it is "a good town, and surrounded by a beautiful country, richly planted with vines. The climate here is far more congenial to their growth than on the N. side of the hillis, and excellent wine is produced." (Traw. I. 279.) Near it, the Archduke John has a vineyard and villa. Marburg has three suburbs, an old castle, a church, in which are several good pictures, an hospital, theatre, gymnasium, military school, swimming school, &c. It is the seat of the council for the circ., furnishes leather and roscollo, and has some trade in corn, wine, and iron; but its luhab. derive their chief subsistence from the active transit trade between Hungary and Croatia and Illyria. (Turnbull's Austria; Berghams; Cestery. Nat. Encycl.)

MARCH, a market-town, township, and par. of England, belonging to Doddington par., late of Ely, hund. Witchford, on the Old Nen, 13 m. N.W. Ely, and 74 m. N. London. Area of township, 20,440 acres. Pop., in 1831, 5,117. Excepting the church, which is large and handsome, the town contains nothing worthy of remark; the streets being generally narrow, and the houses, for the most part, low and meanip built. Its situation on the Nen, which is navigable, makes it the centre of a considerable trade; corn, hemp, fax, cheese, &c., being shipped here; and coal, timber, and London goods imported. Markets on Friday; faire, Monday hefore Whitsuntide, Whit. Monday, and 3d Tuesday in Oct., chiedy for horses, cattle, and cheese.

MARENGO, a village of N. Italy, Sardinian States, mear the Bormida, in an extensive plain, 34 m. E. by S. Alexandria. This village will be ever memorable for the great battle fought here; on the 14th of June, 1800, between the French under Napoleon, and the Austrians and the following morni

and compelled them to retreet. But, at this critical moment, when the fate of the day appeared all but decided, Dessaix, who had returned by a forced march, came upon the field. This gave the French new strength, and inspired them with new courage. The Austrians, exhausted by their previous efforts, were immediately attacked at all points, forced back, and completely defeated, with the loss of all their cannon and bagage, and of a vast number of men left dead on the field and taken prisoners. Dessaix, whose opportune arrival turned the fortune of the day, was killed, charging at the head of his division.

number of men left dead on the field and taken prisoners. Dessalx, whose opportune arrival turned the fortune of the day, was killed, charging at the head of his division.

MARGARITA, an island off the N. coast of S. America, belonging to the repub. of Venesuela, and attached to the dep. Cumman. It lies in about lat. 110 N., and long. 640 W., separated from the continent by a channel, 20 m. in width, through which all ships coming from Europe, or windward of Cumans, Barcelona, or La Gusyra, must pass in going to those ports. Length of the Island, E. to W., 274 m.; breadth varying from 5 to 20 m. Pop. estimated at 15,000. Viewed at a short distance from the N. it appears like two islands, there being a tract of low swampy land in its centre, which is in some parts not more than from 10 to 12 ft. above the level of the sea; but other parts of the island rise to a considerable elevation; and Maranao, near its W. extremity, a mountain of micaceous schist, is upwards of 2,000 ft. in height. The coast-lands are arid and barren; but the interior is comparatively fertile, producing maise, bananse, and various fruits, with sugar, coffee, cocca, and other W. Indian products, though not in sufficient quantities for the demands of the imhab. A good deal of poultry, and other live stock, is reared, and exported to the continent; and Margarita has an active fishery; and some salt-works. It was formerly much celebrated for its pearl-fishery; but this has greatly declined, and the pearls now found are said to be of inferior size and quality. The pearl-fishery was principally conducted at the rocky island of Coche, between Margarita and the main land. The inhab, have some manufactures of oction stockings and hammocks, of very good quality. Assumpcion, the cap, and residence of the governor, in the centre of the island, is pretty well built. There are three sea-port towns or villages; one of which, Pampatar, on the S.E. coast, has a pretty good harbour, with anchorage in 7 or 8 fathoms water. (Bissal's Asservicas Cosst Piolo, P.

formed in the cilf, and furnishing hot and cold baths of a very superior description. There are two churches; one an old heavy-looking building, with a low square tower; the other at the opposite side of the town being a very handsome modern Gothic structure, with a light octagonal tower, built at an expense of \$2,000. The R. Catholics, independents, Baptists, and Society of Friends have also their respective places of worship, to which are attached well-attended Sunday-echools. A national school furnishes instruction to about 250 boys and 180 girls, and there are 2 other large day-schools. Draper? school furnishes instruction to about 250 boys and 180 girls, and there are 2 other large day-schools. Drapers' almshouses, founded in 1709, a dispensary, and lying-in charity, are the principal charitable institutions; and in the immediate vicinity, close to the beach, is a large seabathing infirmary, founded in 1792, and since so much enlarged as to furnish accommodation for about 130 patients. The harbour dries at low water. To obviate this defect a stone pier, projecting 900 ft. into the sea, was erected from the designs of the late John Rennie; still, however, this was insufficient for the purpose, there not being more than from 4 to 5 ft. water at the pier head at low ebb. Since 1824, however, a wooden jetty, con-

mARIA-ITHERESIANOPE, L.
nected with the pler, has been constructed, which
projects into deep water, and may be approached by
steamers or other vessels at any time of the tide, except
when it blows a gale from the N. or N.N.E. The pler
is a favourite promenade for the town's folk and visiters.
Margate enjoys a considerable coasting trade, and
has some commerce with Holland and Germany; but
neither these nor its fishery are of any importance compared with the advantages that accrue to it from the
thousands of visiters who annually resort thither from
the metropolis. The town, indeed, like many others,
owes its present importance to the invention of steam:
for though prior to 1817 it was a respectable and wellrequented watering-place, the means of access to London were so difficult and tedious, that none but those
who could afford a week or two of uninterrupted letsure
were ever induced to visit it. But within the last fifteen
years the water-communication with London has been
og greatly facilitated, that Margate may now be conyears the water-communication with London has been so greatly facilitated, that Margate may now be considered as within five or six hours of the metropolis. Several handsome steamers ply regularly between London bridge and Margate; and for some years past the number of persons landed from these steamers at Margate is supposed to have averaged above 90,000 a year. The fares being extremely reasonable, Margate is frequented chiefly by the families of tradesmen and others belonging to the middle classes, for whose amusement there are numerous bazaars, libraries, &c., with the Tivoli Gardens, in the suburbs, very similar to the well-known, but now extinct, Vauxhall of London. Great numbers of persons engaged in business during the week join their families here late on the Saturday, returning to London early on the Monday morning; and it is from the flying visiters that the steam-packet companies derive their chief revenues.

Margate is within the jurisdiction of Dover, by the

London early on the Monday morning; and it is from the flying visiters that the steam-packet companies derive their chief revenues.

Margate is within the jurisdiction of Dover, by the lord-warden of which the constable of the town is appointed; and as a port, it is subordinate to Ramsgate. It is the chief place of a poor-law union, comprising all the pars. In the list of Thanet.

MARIA - THERESIANOPEL, or THERESIEN-STADT (Hungar. Szabáka), a royal free town of Hungary, co. Bacs, in the great plain between the Danube and Theiss, 25 m. S.W. Segedin, and 100 m. S.S. E. Festh. Pop. sald to be about 35,000, chiefly Hungarians and Servians. Its territory, or commune, comprising an area of 300 sq. m., is larger than that of any other town of the Austrian dominions. (Bergkaus.) The "National Encyclopedia" says, it is well built, and has numerous handsome public edifices; including several churches, a gymnasium, large barracks, a townhall, &c. It has manufactures of linen cloth, leather, and tobacco, and a large trade in horses, cattle, sheep, raw hides, and wool.

MARIANNA, an episcopal city of Brazil, prov. Minas Geraes, of which it is the cap., on the Carmo, a tributary of the Doce, 8 m. E.N.E. Villa Rica. Its pop., in 1823, was estimated at from 6,000 to 7,000. (Maue's Brazil, 258.) It stands principally in a small plain, bounded by rocky hills, the small knolls, and projections of which are crowned by its churches. The city itself is nearly square, and consists principally of two well-paved streets, regularly laid out, and conducting to a kind of square. The supply of water is ample, and is of material importance in the cultivation of several extensive gardens; but, being surrounded by lofty eminences, the air is close and bot, and the town unhealthy. There are several churches and a large cathedral. The Carmelite and Franciscan convents, the ecclesiastical college, which has sundry rivileges, the bishop's palace, surrounded with fine gardens, and the town-hall, are among the other chief under the convention of th

BYBLUE J. Dict. Géog.)

MARIAZELL, or MARIANZELL, a village of the Austrian empire, prov. Styria, in a mountainous district, about 55 m. S.W. Vlenna. Pop. about 1,000. It would be unworthy notice in a work of this kind, but for its celebrated shrine of the Virgin, which renders it the "Loretto" of the Austrian empire, and a principal place of Christian pilgrimage. The town, which stands at an elevation of about 2,200 ft. above the sea, is small and mean-looking; and consists principally of inns and ale-houses for the accommodation of the visitors, the influx of which only ceases when the roads are impassable by snow. The only building of note is the church, rebuilt, since 1837, on the site of one erected in 1863, by Louis I., king of Hungary, over the chapel, in which the image of the Virgin is placed. The church, as it now stands, is Gothic. It is a spacious edifice, 286 English ft. by 99 inside, and is surmounted by a spire, 275 ft. in height. Some of the side altars and chapels are handsomely decorated; but its principal object of curiosity and devotion is the small stone chapel, erected by a margrave of Moravia, in 1202, instead of the wooden hut in which the

MARIAZELL.

Graden Statue, 'Statue of Grace,' had stood from about 1150, when it was incivily brought thither by a Benedictine monk. This image, like that of Loresto, is acribed to St. Luke; and, like it, also, is but an indifferent specimen of the apostle's skill in statuary. It is a rudely-carved wooden figure, only 18 in. in height, representing the Virgin, with the Saviour on her knee. Both are as splendid as brocade, gold, gems, and bad taste can make them; their faces are of a negro hue; the effect, perhaps, in part, of the smoke of the softiary lamp kept constantly burning in the dark and gloomy recess in which they are cooped up. The altar and other decorations of the abrine are said to be of solid silver, and the chapel is surrounded by a costly fence of the same metal. A thousand acres of land were assigned for the support of the church; and its treasury was very rich previously to the reign of Joseph II., having received many valuable donations from preceding sovereigns, princes, and private individuals. But Joseph though he succeeded to the dominions of his mother, inherited none of her superstition: unawed by the sanctity of the place, he did not hesitate to strip the shrine of the greater portion of its wealth; and profanely threw the silver angels that quarded the high sitar, and even tity of the place, he did not hesitate to strip the sarine of the greater portion of its wealth; and profamely threw the silver angels that guarded the high altar, and even the figures of his father and mother, into the melting-pot! The present emperor and empress have, however, made a propititatory visit to the cell; and have endea-voured, by their pious liberality, to atone, in some mea-sure, for the sacrilegious depredations of their less scru-

voured, by their pross some sure, for the sacrlegious depredations of their less scrupulous predecessor.

The ecclesiastical establishment of Mariazell consists of about 20 resident priests, deputed from the Abbey of St. Lambricht, who here form a kind of subsidiary Bene. elictine college, under a pro-rector. During half the year all find abundant employment among the penitents, who arrive here from all parts of the empire. Shortly after the erection of the church, the popes granted the same indulgence to the shrine of Mariazell, as were attached to St. Peter's at Rome; and thenceforward it became crowded with pilgrims. Previously to the reign of Joseph, the pilgrims are stated to have amounted to about 100,000 annually; and it is alleged that, at the celebration of the 16th jubilee of the miraculous image, in 1787, no fewer than \$90,000 individuals did homage to the sable Maria! We confess, however, that we do not attach implicit credit to this statement; but it is, at all events, certain that the number was very great. The Austrias certain that the number was very great. The Austrias of the loth jucture of the miraculous image, in 1787, no fewer than \$80,000 individuals did homage to the sable Maria! We confess, however, that we do not attach implicit credit to this statement; but it is, at all events, certain that the number was very great. The Austrices Excyclopedia says that the shrine is, at present, annually visited by 100,000 pilgrims; and, according to Mr. Turnbull, the number is fully 80,000. (Austrica, i. 195.) It is customary for the pilgrims from different places to set out together; and formerly, it was no unusual circumstance for a band of pilgrims from one province or city to have a context for precedence with those from another; so that disturbances, which frequently ended in bloodshed, were perpetually occurring. The government has however put an end to these unseemly brawls, by ordering that the pilgrimages from different places should take place at different times. Accordingly, moss of the towas of any importance in Upper and Lower Austria, Styria, Bohemia, and Moravia, and some in the W. parts of Hungary, have their stated days on which the devotees assemble, and form their processions of plety and pleasure after the manner described by Chaucer in his Canterbury Tales. In all, about 80 processions take place an unually from different parts of the empire. Vlenna furnishes 4 distinct parties, 3 in June or July, and one in August; the last, which is also the largest, generally consists of about 3,000 persons of both sexes, and all ages, travelling chiefly on foot, and performing the journey in 4 days. In their progress they are jumbed together, without any regularity, cut they come within about a mile of the abrine. Here they halt; and some hours are generally occupied in marshalling the confused assemblage into regular devotional order. Bamers are unfurled; sacred emblems expoped to view; the maidens and youths are placed in the van of the procession, after whom follow the elder pilgrims, male and female, in distinct parties: and thus they advance to the church, by slow and

MARIE-GALANTE.

The body image has been but an indifferent protectress of the village of Marianzell. Six times has it been destroyed by fire, and its pop, temporarily reduced to ruin. The last conflagration occurred in 1827; when the roof and towers of the church were destroyed, and, out of 111 beases, only 30 escaped. The inhabitants are generally poer. They depend principally on the supply of necessaries, and of rosaries, tapers, relics, and such like articles, to the pilgrims.

The iron-foundries, 2 or 3 m. distant from Marianzell, are the most important of the Austrian empire. Every spacies of casting is executed in them, from the largest cannon and steam-engines, down to trinkets, which are said to rival those of Berlin. Marianzell has also some copper and sulphur works: a great deal of timber is sent from its neighbourhood to Vienna and the Black Sea. (Oesterr. Nat. Encyc.; Turnbull's Austria, 1. 185. 199; Germany and the Germann, ii. 291—295; Horschelman's Strin. &c.; Russell, p. 348—264.)

MARIE-GALANTE, one of the French W. India laimds. (See Guantitours.)

MARIE-GALANTE, one of the French W. India Islands. (See Guarelouve.)
MARIENBURG, a town of the Prussian dom., prov. W. Prussia, cap. circ. Marienburg, on the Nogat, an arm of the Vistula, here crossed by a bridge of boats, 27 m. S.E. Dantzic. Pop. (1846) 6,050. This little town is hieldy interesting as having been the seat of the grand masters of the Teutonic Order for nearly two centuries. To the N.E. of the town, and on the summit of a small hill, 50 R. above the level of the Nogat, and an equal number of feet from the bank of the river, stand the ruins of the Teutonic Castle, so often mentioned in the history of chivalrous times. The whole mass is at once imposing and picturesque, bespeaking the grandeur of its former occupants, and the purposes to which it was destined." and picturesque, bespeaking the grandeur of its former coupants, and the purpose to which it was destined." Most probably this castle had been commenced towards the end of the 12th, or the beginning of the 13th, century, in 1381 it was greatly enlarged, by the addition of that part which was afterwards known as the Old Castle; and, about the same time, the residence of the grand master was transferred to Marienburg from Venice. Succeeding grand masters built the middle and lower castle (erected, according to Zedlitz, chiefly between 1305 and 1809), and the church of Notre-Dame, in the immediate vicinity, which is still in existence, and forms a very prominent feature in the landscape of these ruins. In 1644, the Old Castle was burnt to the ground; but the rest of the building escaped; and, after undergoing many vicisatudes, was put in complete repair by the present king of Prussia, when crown prince. It comprises a chapel, in which are numerous monuments of the grand masters, cells of the knight-monks, with their halls, dormitories, refectory, subterranean caverna, chapter-house, by far the most interesting part of the edifice, is a large square apartment, with 30 windows, displaying the arms of the successive grand masters in stained glass. (Grasseille's Tour to Petersburg, 1, 341, 342). An antiquated tower curious of the the neighbourhood, are among the other curious of the town. It has a Rom. Cath and a Calvinist church, a teacher's seminary, a deaf and dumb school, and numerous other schools; a workhouse, lospital, &c. It is the seat of the council for the circ.; and has manulactories of woollen and cottor cloths, stockings, and It is the seat of the council for the circ. ; and has manu

is the seat of the council for the circ.; and has manufactories of woollen and cotton clotha, stockings, and asts; various breweries, distilleries, and tanneries, and some trade in corn and timber. Marienburg fell into the hands of the Poles by their conquest of the Teutonic knights, in 1457, and was ceded to Prussia at the treaty of Thorn, in 1466. (Zedlic, Der Preuss. Staat.; Berghess.)

MARIENWERDER (Slav. Kwidzin), a town of the Prussian stom, prov. W. Prussia, cap. of the gov. and circ. of Marienwerder, on the Little Nogat, a tributary of the Vistula, 44 m. S.S.E. Dantzic, and 515 m. N.N.E. Thorn. Pop., in 1466. Tydlo. It stands on elevated ground, is well-built, and has 4 suburbs. Its cathedral, erected in the little century, has a steeple 170 ft. in height; and in its interior are the tombs of many church dignitaries and grand masters of the Teutonic order, and some curious mosaics. What remains of the old castle is now appropriated to the judicial courts for the circle and town, and a school of arts. Marienwerder is the seat town, and a school of arts. Marienwerder is the seat of the head court of justice for the province of Prussia, of the head court of justice for the province of Prussia, and of the provincial council, and agricultural union for W. Prussia. It has a gymnasium, a royal school of agriculture, a school for the improvement of neglected chidren, an hospital for blind soldiers, to which is attached the Louiscies, an institution for the blind widows of soldiers, a large printing establishment, &c. it has, however, few manufactures, and little trade, except in retail; the inhabs. being principally employed in the supply of necessaries to the various public establishments. (Zedits: Der Presssische Staat. ii. 483, 484.)

MARIGLIANO, a town of the Neapolitan dom., prov. Napoletano, cap. cant., 12 m. N.E. Naples. Pop. estimated at 6,000. It has some ruins, which have been supposed to have formed part of an ancient palace of the Maril.

MARINO (SAN), a town and republic of Italy, under the protection of the Pope; being about the smallest, as well as the most ancient, state in Europe. The territory of the republic, enclosed on all sides by the legation of Urbino, in the Papal States, consists of a cragry mountain, about 2,200 ft. high, and some adjacent hillocks, with 1 town and 4 villages; comprising an area of about 22 ag. m., and a pop. of 7,600. The town stands on the side of the mountain above mentioned, about 13 m. S. W. Rimini, and 26 m. N.N.W. Urbino. Lat. 43° 56° 21", long. 12° 27° 5". Pop. 5,500. It is accessible by only one road, and is irregularly built. It has a principal square, in which is the town-hall; 5 churches, in one of which are the tomb and statue of St. Marino, the founder of the town; 4 convents, and 3 castles. Its inhab. are chiefly occupied in agriculture and eattle-breeding, or in the manufacture of silk. Most of the wealthy inhab, of the republic reside in the village of Borgo, at the foot of the hill on which the town is situated. Borgo,

Borgo, at the foot of the hill on which the town is situated.

The legislative powers of the government are vested in a senate, or council, of 60 members, elected for life; 20 from the citisens, and 20 from the rural pop.; and in a lesser council, or tribunal of appeal, composed of 12 senators. The executive powers belong to 2 capitassi reggenti, chosen, every 6 months, by the inhabs. at large above 25 years of age: the capitismi preside in the council of 60; and justice is administered by a commisserio, who must not be a foreigner. Every family is obliged to furnish an individual capable of bear, and sample of the council of 60; and justice is administered by a commisserio, who must not be a foreigner. Every family is obliged to furnish an individual capable of bear, and sample of the council of 60; and justice is administered part of the council of 60; and justice is administered part of the council of 60; and justice is administered part of the council of 60; and justice is administered part of the council of 60; and justice is administered for example in all, to between 800 and 900 men; but only about 40 men are ordinarily kept on duty. The state supports an hospital, and 4 superior and 2 elementary schools. Public revenue about 6,000 scadi or crowns a-year, which is sufficient to meet the expenditure. The town grew up round a hermitage formed here by an individual of the name of Marinus, or Marino, belonging to Dalmatia, afterwards enrolled in the calendar of saints, in the 5th century; and the integinificance and uninviting character of its territory appear, by making it unworthy of attention, to have enabled it to preserve its independence during the disturbed periods of the dark and middle ages. It was occupied by Casar Borgia, but for a short period only; and was taken, in 1739, by Cardinal Alberoni; but he pope disavowed the proceeding, and restored Sun Marino to its privileges. In 1796, Napoleon offered to increase the territory of the republic; but, this being wisely declined, he presented it with 4

MARKET-BOSWORTH. See Boswortz (Mar ET).

MARKET-DRAYTON, a market-town and par. of England, partly in N. Bradford hund., co. Salop, and a partly in N. Pirehill hund. co. Stafford, on the Tern, a trib. of the Severn, 18 m. N.E. Shrewsbury, and 125 m. N.W. London. Area of par., 12,060 acres. Pop., in 1841, 4,560. The town, which stands on the W. side of the river, and in the co. Salop, having been recently much improved, is now clean and well built, with tolerably wide streets. The church, originally erected in the reign of Stephen, was all but rebuilt in 1787. There are also places of worship for R. Catholics, Wes-leyan Methodists, and Independents, with attached Sunday-schools. The charitable institutions comprise a free school, founded in the reign of Queen Mary, a national school, and a set of almshouses and dispensary, with a few small money bequests. Drayton was for-market having been among the largest in England, it! the formation of the Liverpool and Birmingham Junction Canal gave superior advantages to Stone, in Staffordshire. There are two paper-mills and two horse-hair manufac-tories close to the town; but most of the inhabitants are sugaged either in retail trade or farming pursuits. Drayton is a bor. by prescription, governed by a mayor and two constables, chosen at a court-leet by the lord of

engaged either in retail trade or farming pursuits.
Drayton is a bor, by prescription, governed by a mayor
and two constables, chosen at a court-leet by the lord of
the manor; and petty sessions are held here for the
Drayton div. of Salop. Markets on Wednesdays, chiefly
for corn; fairs, for horses and farming-stock, Wednesday
before Paim-Sunday, Sept. 19, and Oct. 24.
About 1 m. from Drayton, on Blore-heath, a battle
was fought between the partisans of the houses of York
and I,ancaster, on the 22d of Sept. 1459. Lord Audley,
the Lancastrian general, was slain in the engagement;
the apot where he fell being marked by a stone, close to
the Newcastle road.
MARKET-HARBOROUGH. See HARBOROUGH

(MARKET. JEW. See MARAZION.

MARKET-RASIN, a small market-town and par. of
England, Lindsey div., co. Lincoln, wap. Walshcroft, on
the river of its own name, a trib. of the Ancholme, 18 m.

N.E. Lincoln, and 130 m. N. London. Area of par., 1,230
acres. Pop., in 1841, 2.073. This town deserves notice,
chiefly on account of its large cattle and sheep fairs,
which are attended by persons from almost all parts of

17 4

The church, an ancient structure, with an em-tower, has peculiar windows, resembling those of

the co. The church, an ancient structure, with an embettled tower, has peculiar windows, resembling those of the church at Louth. The living is a vicarage in the gift of the Lord Chancellor. The R. Catholics and Westeyan Methodists have also their respective places of worship; and its only charities are a free school (now incorporated with the national school, and a set of almshouses. Markets on Tuesdays; and fairs on alternate Tuesdays, between Palm Sunday and Sept. 25. About 13 m. W. Market Rasin is the village of Middle Rasin, remarkable for a small church presenting a most beautiful specimen of early Norman architecture.

MARLBOROUGH, a parl, and mun, bor, and market-town of England, co. Wilts, hund. Selkley, on the Kennet, 27 m. E. Bath, and 70 m. W. London. Area of parl, bor, which includes, with the old bor, the par, of Freshute), 4,330 acres. Pop., in 1841, 4,139. The town consists of one broad main street, crossed by others of infeiror dimensions. The houses are irregularly built, and apparently of great antiquity, having high and curiously carved gables; a portion of the High Street also has a kind of colonnade projecting from the houses. The guildhall is supported on piliars, the lower part being open for the accommodation of the people frequenting the market; above are the council-chamber, sessionshall, and assembly-rooms. There is also a handsome market-house, the upper part of which is used as a national school. The prison, which serves as a bridewell and house of correction, was built in 1787; but it is too small to admit either of separate confinement or proper classification, and there is no provision for hard labour. There is also a very large hotel, partly built with the materials of the old castle, which once stood at the S. end of High Street. The old church of St. Mary the Virgin, near the guildhall, is of early Norman architecture, with a low square tower: the living is a vicarage, in the gift of the Dean of Salisbury. The tother church, which stands at the W. end of High Street, is of mo

Mariborough, which has little trade, derived its chief importance from being on the great road between London and Bath; but it has lost this advantage, as the Great Western Railway runs through a line of country considerably N. of the town. Maiting and rope-making are extensively pursued. Large quantities of corn and cheese are sent to London and Bristol; their carriage being greatly facilitated by the Kennet and Avon Canal, which commences at Newbury, and joins the Avon near Bath, having an entire length of 87 m. "The town has likewise several excellent inns and shops, possesses a large market for the agricultural district, and may be considered in a prosperous state, and highly respectable." (Muss. Bossed. Rep. p. 2. Marlbro'.)

in a prosperous state, and highly respectable." (Muss. Bossed. Rep. p. 2., Marlbro'.)

The bor., which received its first charter from King John, in 1205, and a subsequent one, in 1577, from Elisabeth, is governed, under the Mun. Reform Act, by a mayor, 3 other aldermen, and 12 counciliors; but it has no separate commission of the peace. Corp. revenue, in 1844-49, 1,0411. Marlborough has sent 2 mems. to the H. of C. stnee 9 Ref. i. t. be sight of election. Gwrn to the of C. since 24 Edw. I.; the right of election, down to the Reform Act, being vested in the mayor and burgesses;

of C. since 24 Edw. I.; the right of election, down to the Reform Act, being vested in the mayor and burgesses; but it was, in fact, a mere nomination bor., belonging to the Marquis of Aylesbury, the proprietor of a large estate in the vicinity. Registered electors, in 1849-80, 284. Markets on Saturday; large fairs, 10 July, 1 Aug. and 28 Nov. (Miss. Corp. Rep.; Parl. B. Reps., part vi.; Oxford Calendar; Pric. Inform.)

MARLOW (GREAT), a parl. bor., market-town, and par. of England, co. Bucks, hund. Desborough, on the N. bank of the Thames (here crossed by a handsome suspension-bridge). 29 m. W. London. Area of parl. bor., which includes the several pars. of Great Marlow, Little Marlow, Medmenham, and Bisham (the last being in Berke), 14,910 acres. Pop. in 1841, 6,327. The town, formed by several streets, meeting in a large open market-place, is irregularly built; but is well pared and good town-hall. The par. church, opened in 1835, is a handsome structure, surmounted by a spire. The living is a vicarage, in the gift of the dean and chapter of Gloucester. There are, also, places of worship for Wesleyan-Methodists and Baptists, with attached Sunday schools. A charity-school, for 24 boys and 12 girls, a national school, for children of both sexes, and a set of alms-houses, are the principal benevolent foundations.

Great Marlow has little trade, except what results from its position, in the mides of a rich and productive country, inhabited by wealthy land-owners. On the Loddow, however, are several paper-mills; and, "on the whole, the town is slowly recovering from a state of great depression, consequent to the removal, some years ago, of the military college." (Parl. Rossad. Rp.) The bornhas returned 2 mems. to the H. of C., with some interruptions, since 28 Edw. I.; the right of election being vested, down to the Reform Act, in householders, paying scot and lot. The Boundary Act extended the limits of the parl. bor., by including with the old bor. 2 out-para. Registered electors, in 1840-80, 267. Market, well setended, on Saturday; fairs, for cattle and farming produce, May 1—3 and Oct. 29. (Parl. Papers, 2c.)

MARMANDE, a town of France, dep. Lot-et-Caprone, cap, arrond., on the Garonne, here crossed by a bridge of one arch, 30 m. N.W. Agen. Pop. (1848), ex. com., 5,199 It is requirely laid out, well built, and clean; has several good public edifices, and is nearly surrounded by an explanade, planted with trees. It has a small port, suitable for steam-boats, which ascend the Garonne as high as Marmande. It is the seat of courts of original jurisdiction and commerce; and has manufactures of woollen and linen fabrica, cordage and salicioth, and several brandy distilleries. (Hago, art. Lod-et-Garonse, &c.)

MARNE, a dep. of France, reg. N.E., formerly in-

Garonne as high as Marmande. It is the seat of courts of original jurisdiction and commerce; and has manufactures of woollen and Hene fabrica, cordage and sall-cloth, and several brandy distilleries. (Hugo, art. Lot-et-Garonae, 4c.)

MARNE, a dep. of France, reg. N.E., formerly included in the prov. of Champagne, chieffy between lat. 49° 30′ and 49° 20′ N., and long, 2° 30′ and 5° R., having. N. Ardennes and Alsne, W. the latter dep. and Sciencet-Marne, S. Aube, and E. Hante Marne and Meuserly as much. Area, 817,037 bectares. Pop. (1846) 367,309. The hills in this dep. do not rise to more than 1,300 at above the sea; it ageneral slope is from S.E. to N.W., in which direction nearly all its rivers flow. It derives its name from the Marne, which divides it into 2 nearly equal parts. This river rises in the dep. of Haute-Marne, about 3 m. S. Langres; it flows, at first N.W., and afterwards generally W., through the deps. Haute-Marne, Alsne, Seine-et-Marne, Seine-et-Oise, and Seine; and falls into the Seine at Charenton, about in S.E. Paris, after a course of about 300 m., for 215 of which it is navigable. It has some considerable affinents; and Vitry, Châlons, Château-Thierry, and Meaux are on its banks. About 2-3ds of this dep., including all its central portion, has an arid barren soil, composed principally of chalk, covered with a thin layer of vegetable mould. But on the borders of this sterile tract are the vineyarids which produce the celebrated champagne wine; and surrounding it is a country with a deep and rich alluvial soil. In 1834, the cultivated land was estimated at 6(4,625 hectares, pastures at 38,454 ditto, woods 78,901 ditto, and heaths, wastes, &c., 16,961 ditto, Considerably more corn is grown than is required for home-consumption. It average annual amount has been estimated at 3,000,000 hectol. were harvested in 1835, chiefly wheat, cats, and from the mouse of the first, or at the most important branch of industry. The dep. is supposed to furnish annually from 650,000 to 700,000 hectol. with a m

179,318 properties subject to the contribution funcione, 38,553 were assessed at less than 5 fr., and 34,867 at from 5 to 10 fr.; 134 were assessed at 1,000 fr. and upwards. It y a de l'aisance drus le pays, mais il n'y a pas de grundes fortunes. On n'y voit point le contraste affigeaut de l'extrême opulence et de la misire; la mendicité n'y rèpre point. (Hugo.) Marne has but one iron mine; but it furnishes excellent mill-stone, potter's clay, 5c. Mannfactures of various kinds of woollen fabrics, woollen varm de are established at Rheims; and hats, silk

my règne point. (Hugo.) Marne has but one iron mine; but it furmàses excellent mili-stones, potre's clay, &c. Manufactures of various kinds of woollen fabrics, woollen par, &c. are established at Rheims; and bats, allk goods, paper, glass, earthenware, cordage, leather, eandles, and soap are made in different places. Marne is divided into five arronds; chief towns, Chalons-sur-Marne the cap. Eperray, Rheims, St. Menehold, and Vitry-le-Français. It sends 6 mems to the Ch. of Dep. Number of electors (1838-39), 2206. Total public revenue (1821), 12.29,536 fr.; expenditure, 8,998-985 fr. (Hugo, art. Marne; Official Tables; Julium, Topographic de Vignobles; Henderson on Wines, p. 153. &c.)

Marne (HAUTE), a dep. of France, reg. N.E., between ist. 470 35 and 489 407, and long, 40 40° and 69° E., having N. the depe. of Marne and Meuse, E. Voeges and Haute Saone, S. the latter and Cote d'Or, and W. Cote d'Or and Aube. Length, N.N.W. to S.S.E., 80 m.; average breadth, about 20 m. Ares, 625,043 hectares. Pop. (1846), 362,079. The platens of Langres and the Faucilles mountains traverse the S. and E. parts of this dep., covering the greater part of its surface with their ramifications. Topy, however, no where rise to any great elevation; Mont-sign, the highest point in Haute Marne, boing only 1,500. The highest point in Haute Marne, being only 1,500. The charmers are the same, which intersects the dep. lengthwise; its affluents the Ornain, Blaise, Meuse, and Aube, rise in this dep., and have, more or less, a N. course. Surface mostly slong or calcareous; there not being more than 11,000 hectolitas, chiefly wheat and oats. The produce of vine amounts to between 400,000 and 500,000 hectols. a year; but the quality is very inferior to that of the wines of Marne. Cherries and walnuts are grown in considerable cuantities. The neature lands are excelwine amounts to between account and socious nectors a year; but the quality is very inferior to that of the wines of Marne. Cherries and walnuts are grown in considerable quantities. The pasture lands are excellent; and, in 1830, there were 84,000 head of cattle, and 221,000 sheep in the dep: the annual produce of wool is estimated at 160,000 kilogrs. In some cantons of the arroad. Vices a second ware turbers are reasond. sable to the modern, as it was to the ancient, mariners. I sectionated at 16,000 kilogrs. In some cantons of the arroad, Vassy, a good many turkeys are reared. Been arroad, Vassy, a good many turkeys are reared. Been are numerous, and was and boney are valuable products. This is one of the best wooded deps. in France and St. Dister has a considerable trade in timber, sent in large quantities to Paris by the Marne. Iron is the holy metal found in the dep. but the working of the iron mines, and the manufacture of their produce, hold a high rank among the occupations of the people. The dep. has upwards of 50 smelting furnaces (hosts-four-secur), and 100 ordinary forges. Iron plates, rasps, files, and hardware of all kinds are manufactured a high reputation. Chaumont has manufactures of glores and haberdashery. Linem and cotton thread, was, candles, leather, brandy, and vinegar are the other chief articles made in the dep. In 1838, of 194,714 properties, subject than 5 fr., and 16,700 at from 5 to 10 fr. Haute Marne is divided into three arroads; chief towns, Chaumont the cap. Langres, and Vassy. It sends 4 mems to the Chamber of Deputies. Number of electors (1838-9), 1064. Total public revenue (1831), 5788,563 fr. [Hagto, art. Haute Marne; Official Tables, &c.)

MAROS - VASARHELT, or SZEKELY-VARSA-HELY (Germ. Neumarki, Wallach. Oschorzi), a royal there is nothing very imposing in the wide streets and small houses, of which Maros-Vasarhely is most type and the Catholic 300, scholars; and these institutions give something of a literary air to its society, Maros-Vásárhely is also the seat of the highest legal tribunal in Transylvania, the Cap. of the Steelers and a depo ditch, into which the sea appears to have and the Catholic 300, scholars; and these institutions give something of a literary air to its society, Maros-Vásárhely is also the seat of the highest legal tribunal in Transylvania, the Cap. of the Scholars and the will be some the file of the content of the gentry in the neighborhood take up the residence w is estimated at 160,000 kilogrs. In some cantons of the arrond. Vassy, a good many turkeys are reared. Bees are numerous, and wax and honey are valuable products. This is one of the best wooded deps. in France, and St. Disier has a considerable trade in timber, sent in large quantities to Paris by the Marne. Iron is the only metal found in the dep. but the working of the iron mines, and the manufacture of their produce, hold a high rank among the occupations of the people. The dep. has upwards of 50 smelting furnaces (house-four-means) and 100 ordinary forces. Iron plates, rane.

a high rank among the occupations of the people. The dep. has upwards of 30 smelting furnaces (Asstr. Journeus), and 100 ordinary forges. Iron plates, raspe, flees, and hardware of all kinds are manufactured; and the cuttery of Langres has long enjoyed a high reputation. Chaumont has manufactures of gloves and abserdashery. Linen and cotton thread, wax, candles, leather, brandy, and vinegar are the other chief articles made in the dep. In 1825, of 194.714 properties, subject to the constribution fonciere, 72,624 were assessed at less than 5 fr., and 16,700 at from 5 to 10 fr. Haute Marnes divided into three arroads;; chief towns, Chaumont the cap., Langres, and Vassy. It sends 4 mems. to the Chamber of Deputtes. Number of electors (1838-9), 1,064. Total public revenue (1831), 6,788,593 fr. (Hugo, art. Haute Marne; Official Tables, 4c.)

MAROS - VASARHELY, or SZEKELY-VARSA-HELY (Germ. Neumarkt, Wallach, Oschorej), a royal free town of Transylvania, the cap. of the Szekler-land, and of the sixuke, or presidency, of Maros; on the Maros, 33 m. N.N.E. Hermanstadt. Pop. 7,000. "Although there is nothing very imposing in the wide streets and small houses, of which Maros-Vásárhely is mostly composed, it is rather an important place; and, in winter residence within it. Moreover, both Protestant has 800, and the Catholic 200, scholars; and these institutions give something of a literary air to its society. Maros-Vásárhely is also the seat of the highest legal tribunal in Transylvania, the Royal Table; and it is, in consequence, the great law-school of the country. Almost all the young nobles who desire to take any part in public business, as well as all the lawyers, after having

the Telekia, founded by the Chancellor Teleki, and left to his family, on the condition of its being always open to the public. It contains about 80,000 vols., which are placed in a very bandsome building, and kept in excellent order. It is most rich in choice editions of the Latin and Greek classics." (Paget's Hungary and Tremsyle, il. 393, 394.) The town has a Rom. Cath. gymnasium and seminary, a reformed college, with a library and printing-office, two convents, a flourishing casino, or literary club, and considerable trade in agricultural produce, particularly tobacco, which is grown in large quantities in its vicinity. (Paget j Berghaus j Oesterr.; Nat. Except.)

tities in its vicinity. (Paget j Berghaus ; Oesterr.; Nat. Encyc.)
MARSALA (an. Lityberum), a city and sea-port of Sicily, at its W. extremity, adjacent to Cape Boso (the Promontorism Lityberum), in the intend of Trapani, 18 m. S.S. W. Trapani; lat. 379 48° 10" N.; long. 22° 22° 10" E. Pop., in 1831, 23.88. It is of a square form, and is surrounded by an old wall, flanked at the angles with bastions, but destitute of a glacis. It might be easily rendered a strong military post; but, at present, it is without ordinance, quarters, or bomb-proof stores. The town, which is pretty well built, is blaceted by a broad and regular street, called the Cassaro, on one side of which is the cathedral, a large edifice, ornamented with 16 fine marble columns of the Corinthian order. It has 16 churches, numerous convents, a retiro, or place of is fine marble columns of the Corinthian order. It has is churches, numerous convents, a rettro, or place of retirement under monastic regulation, 3 abbrys, a gymasium, a seminary, an hospital, with 70 beds, a monate-dispetes, barracks for ravairy, anoid castle, &c. Among its curiosities is a bell-tower, which vibrates perceptibly when the bell is rung.

Lilybeum was famous for its port; but, though secure, and well adapted for the use of the gallies of the ancients, it would not have accommodated the larger ships of modern times. Cantain Smyth says, that where deepest,

dern times. Captain Smyth says, that where deepest, the ancient port could not have had more than 14 ft. water. The Romans, in their struggles with the Carthawater. The Romans, in their struggles with the Carthaginians, attempted over and over again to fill up the port, but uniformly without success. This, however, was effected, in 1570, by Don John of Austria, who, to prevent the Barbary corsairs from taking refuge here, filled up the port with rubbish. The modern is not, therefore, identical with the ancient harbour, but is about Im. S. from the town. It has a mole, constructed by Mr. Woodhouse, for the convenience of the shipment of his wine: large ships anchor S.W. from the city, about 2 m. off shore, in from 8 to 11 fathoms water. The entrance to the port is a good deal encumbered with rocks and reefs; the knowledge of which is as indispensable to the modern, as it was to the ancient, mariners. (Smyth's Sicily, p. 233.)

(Smyth's Sicily, p. 233.)

Marsala is indebted for its importance in modern times

the end of five years, when the defeat of Hanno made farther resistance unavailing. (Ancient Universal History, xvii 531., &c., 8vo. ed.) Under the Romans it was the residence of a quæstor; and is called by Cicero, civitas spicaditissima. (In Verrem, v. cap. 5.) Very few remains now exist of its ancient grandeur; vases, coins, &c., are, however, occasionally dug up; and in the town-hall is a group of two lions destroying a bull, said to be worthy the best period of Grecian art.

MARSEILES (Fr. Masseille, an. Massitia), a large commercial city and sea-port of France, dep. Bouche-du-Rhone, of which it is the cap, on the B. side of a bay of the Gulph of Lyons, 30 m. W.N. W. Toulon, about 170 m. S.S.E. Lyons, and 4.0 m. S.E. Paris; lat. 439 17/ 49" N, long. 50 22? 18" E. Pop. of the city, ex. suburbs, in 1846, 133,316; and, inc. suburbs, 180,000; but this statement is said to be under the mark, and it is alleged that, including strangers, the pop. is now (1850) at least 180,000. (Conductive dans Marseille.)

"The situation of Marseilles," says Mr. Maclaren, "is one of the most beautiful I ever saw. It occupies the centre of a basin about 6 m. or 7 m. broad, bounded by lofty precipitions hills. The whole space from the city, back to the hills, is adorned with villas and hamlets; for every merchant or respectable shopkeeper here has his maison d. campagne. These buildings are showy, sometimes large and splendid. They are called Basitate, and Ilearn that their number is not less than 5,000." (Notes on France and Italy, p. 39.) The country around is, however, extremely aird; and the wind called the mistral is blighting and noxious in the extreme. The city is somewhat of a horse-shoe shape, and built round its port. It is divided into two parts:—The first, or old town, occupying the site of the ancient Greek city, on reining ground, on the N. side the harbour, is confined, ill-built, with narrow dark streets, or rather lanes, not half ventilated, and inconceivably fithy. The second, or new town, constructed in the moder resort: but the favourite public promenade is the Rue Commediate; a fine broad street, running at a right angle from the foregoing to the inner extremity of the harbour, and completing the line of demarcation between the old and new town. Marseilles has been fortified at different periods; but its walls were finally destroyed in 1800; and their place is occupied by boulevards planted with trees, beyond which the city is rapidly extending, particularly towards the E. and S. It still, no doubt, is defended by the fort of Notre Dame de la Garde, on a steep eminence to the S.; but it is more remarkable for the beauty of its situation than for its strength: the harbour (see past) is protected by a fort on either side its entrance, by the Château d'If, on the island of the same name, and by some additional works on the islands of Ratoneau, Pomegue,

Châtsau d'If, on the island of the same name, and by some additional works on the islands of Ratoneau, Pomegue, &c., nearly opposite its mouth.

Marseilles has numerous public edifices, but none merits any detailed notice. The cathedral occupies the site of an ancient temple of Diana; it is extensive, but heavy-looking. Its interior is a mixture of various orders; and its ornaments, which are mostly of the lith and 12th centuries, are in bad taste. In fact, none of the churches within the city have any considerable claims to notice. The church of St. Madeleine (formerly des Chartressy), in the suburbs, an edifice constructed in the 17th century, is far superior to any one else; it has a handrecarly, in the suburbs, an edifice constructed in the 17th century, is far superior to any one else; it has a handsome façade, and 2 steeples (campassilce), remarkable for their light appearance. There are in all about 20 Rom. Cath. churches, several chapels, 2 Greek churches, a Protestant church, and a synagogue. The Prefecture is the finest of the public buildings. The town-hall, on the N. quay, is a heavy edifice, composed of two separate piles of building, connected by a light and elegant arch on the first story. Its ground floor is appropriated to the exchange. There are numerous hospitals, and other charitable institutions. The Hôtel Dieu, one of the first established hospitals in France, was founded in 1188; it has usually from 500 to 600, and is capable of accommodating 750 patients. The Hôpital de la Charité, founded in 1640, an asylum for aged persons, and for orphans, foundlings, &c., has usually from 800 to 850 inmates. The Lazaretto, one of the largest and most perfect establishments of the kind in Burope, is situated to the N. of the city, and is surrounded by a riple wall. perfect establishments of the kind in Europe, is situated to the N. of the city, and is surrounded by a triple wall. Ships may clear from it while in quarantine. Marseilles has also a lying-in hospital, a burcau de birnjaisance, asylums for poor children, a mont-de-pitél, and a savings' bank. One of the largest public edifices, formerly a Bernardine convent, accommodates the Royal College, which has between 300 and 400 students; the Royal Society of Science, Literature, and Art; the public library

of 50,000 printed vols., and 1,300 MSS., with cabinets of natural history, medals, and antiquities, &c. and a gallery of paintings, comprising works by Carracci, Salvator Rosa, Rubens, Vandyk, Jordaëns, and other artists of the Italian and Flemish schools. The observatory, on the highest point of the old town, has apartment appropriated to schools of navigation, geometry, &c. The Grand Theatre, built after the plan of the Odeon in Paris, is spacious and handsome. It has 6 tiers of boxes; but is in general ill-attended. The Théâtre Praspaits, a small building, open on Sundays for vauderilles, and on other days for occasional concerts, is more frequented. The other chief public buildings and establishments are the hall of Justice, the new prison, the custom-house, arsenal, barracks, mint, bishop's palace, various public halls, the fish market, &c. Marseilles has a botanic garden, and some excellent public baths. It is well supplied with water from fountains and public wells, but it is not introduced into the houses. At the exemiter of the Rue d'Alx is an unfinished triumphal halls, the flah market, &c. Marseilles has a botante garden, and some excellent public baths. It is well supplied with water from fountains and public wells, but it is not introduced into the houses. At the extremity of the Rue d'Aix is an unfinished triumphal arch, of the Corinthian order, originally exceted in honour of the Duc d'Angouleme, after his invasion of Spain in 1823; but it is now intended to commemorate the Revolution of 1830, one of the effects of which was to expel the Duc d'Angoulème from the kingdom I Marseilles has but few remains of antiquity. Except a fountain, with an inscription in Greek, an obelisk, and the remains of an aqueduct, none is worthy of mention. It is doubtful, indeed, whether Marseilles possessed any grand or remarkable edifices in antiquity; and if she did, the corroding influence of the sea air, which proves so detrimental to the modern buildings, has been a powerful agent in their destruction. But the Marseillais, for a lengthened period, took little interest in the preservation of the relics of past ages; and, says Hugo, "lorsque l'esprit de conversation entra dans les mecurs, il n'y avait plus riem à conserver."

Marseilles is the see of a bishop, suffragan under Aix; the seat of tribunals of primary jurisdiction and commerce; a chamber of commerce; the residence of a commissary-general and a treasurer of marine; and the head-quarters of the 8th military division of the kingdom. Consuls from all the principal states of Europeand America are resident in it. Besides the public institutions before noticed, it has a diocessan seminary, a royal society of medicine, societies of agriculture and belies letters, a statistical society, an athensum, and several commercial and other clubs. 3 newspapers (3 of them daily), and several literary journals are published in the city; the principal state of Europeand on the commercial and other clubs. 3 newspapers (3 of them daily) and several literary journals are published in the city; the principal of the former are the Semankore de Mar

necropolis.

Unluckily, this fine basin becomes, from its position, necropolls.

Unluckily, this fine basin becomes, from its position, the common sewer, as it were, or receptacle for all the filth of the city; and, as it is not agitated by tides, which are here hardly perceptible, nor by storme, from which it is screened on all sides, nor swept by any current, the water is completely stagnant; and, unless the mud were removed by dredging-machines, it would in no very long time be entirely filled up. But in hot weather, the stench arising from this torpid reservoir, and from the detestably filthy streets of the old town, is absolutely intolorable, at least to those not habituated to it; and has doubtless been the cause of Marseilles having suffered so dreadfully on various occasions from the plague, and, more recently, from the cholera. Such a state of things is a disgrace to a civilised country. And we agree with Mr. Maclaren in thinking, that, next to the enforcing of proper sanatory regulations in the old town, the best thing that could be done to improve the city would be too cut a canal from the Anse de Jolictie, on the coast, to the harbour, which would at once create a current, and reshen and agitate the water in the latter. In its present state, Marseilles has been truly described as a "vast cloaca." We doubt, indeed, whether there be a single water-closet in the city.

There is excellent anchorage ground for men of war and other large ships, about 2 m. W.S.W., between the isles of Ratoueau and Pomegues, which have been connected by a mound. Ships from the Levant perform quarantine at Pomegues; and on Ratoneau Island is an hospital for those whose health is dublous. A lighthouse, with a revolving light, 131 ft. in height, is erected on the liste of Ratoueau and Pomegues, which have been connected by a mound. Ships from the Levant perform quarantine at Pomegues; and on Ratoneau Island is an hospital for those whose health is dublous. A lighthouse, with a revolving light, 131 ft. in height, is erected on the liste of Ratoueau and Pomegues, which have been connected by a m

other in Fort St. Jean. Ships having got within 3 or 3 m. of the Isle d'If, usually heave to for a pilot. The charge for pilotage is 4 sous per ton in, and 2 sous per do, out, for French vessels and vessels belonging to powers having reciprocity treaties with France. With the exception of

French vessels and vessels belonging to powers having reciprocity treaties with France. With the exception of the above pilotage charges, and the charges on vessels performing quarantine, there are no port charges on ships entering or clearing out from Marseilles.

The trade of Marseilles is very extensive, and is rasidly increasing. She is the grand emporium of the S. of Prance, and the centre of 9-10ths of her commerce with the countries bordering on the Mediterranean. The exports consist principally of silk stuffs, wines, by andies, and Hqueurs; woollens and linens; madder, oil, soap, refined sugar, perfumery, stationery, verdigris, gloves, and all sorts of colonial products. Among the principal imports are sugar, coffee, and other colonial products of Africa; cotton, from the Black Sea and the N coast of Africa; cotton, from the Black Sea and

stanta, niexandria, and Constantinople; and, besides the steamers employed by the government as packets, she had, in 1839, 12 steam packets belonging to private com-panies. Mr. Maclaren says that most of the private steamers have English-made engines, and English en-gineers; and that they burn English coal, sold here for about 20s. a ton.

Account of the Number, Tonnage, and Crews of the Ships that entered the Port of Marsellles in 1*49' from Foreign Parts, specifying those from different Countries.

Countries.	Ships.	Tonnage.	Crews.
Russia-Baltic	47	37,645 18,980	687
Russia_Black Sea -	88		900
Bweden	44	11,652	518
Norway	3	625	. 31
U. Kingdom	253	38,515 839	2,415 59
Hansentic Towns	10	2,432	130
Netherlands	20	1.362	
Belgium	12	9.975	82
Portugal •	19		186
Spain	350	311,1	3,3 3
Austria	101	27,3	1,434
Rardinia	464	31,127	3,420
Tuscany	115	4.098	1,179
Papal States	56	47.107	428
Two Sacalies	280	1.193	4,509
Greece	7	77.354	63
Turkey	350	19,343	6,120
Egypt		17.318	1,212
Bartery States	15%	8,747	1,653
West Coast of Africa	41	1370	431 61
English India	1 !	90.513	769
United States	64	668	702
Venezuela	42	5.147	488
Brazil	1 16	53.387	185
Rio de la-Plata	16	9.666	160
Hayti -	85	162514	1,022
Spanish Antifles Liked of Bourbon	15	4.045	216
	13	7,072	413
	22	3,317	988
	289	40,302	4,658
Algeria	44	6,193	426
All other Countries	13	4,088	252
Vin ormer committee .	1.5	197,000	202
Totals	3,110	492,576	87,258

The total value of the imports into Marseilles may be estimated at about 200,000,000 fr., or 8,000,000;; and that of the exports at about as much.

estimated at about \$00,000,000 fr., or 6,000,000.; and that of the exports at about as much.

The customs' revenue of Marseilles is greater than that of Havre, or any other French port: It amounted in 1849 to 31,012,000, and in 1848, when much depressed, to 24,075,000 francs. A joint stock bank, established here in 1835, it is said to have been eminently successful.

Though principally distinguished by its commerce, Marseilles has several important manufacturing establishments. Its soap-works, which are numerous and extensive, employ about 700 workpeople, and consume large quantities of olive oil; but, though soap be exported, by far the greater portion of that produced here is destined for home consumption. The artists of Marseilles prepare and fashion coral into a great variety of articles. Among its other manufactures are woollen stockings and caps façons & Twass; hats, of which from 30,000 to 50,000 fine, and from 10,000 to 15,000 coarse, are annually exported; morocco and other leather (but the tamnerles have fullen off), and sall-cloth. Marseilles has likewise refineries for sugar, suphur, wax, and borax, with breweries, oil sugar, suphur, wax, and borax, with breweries, of sugar, suphur, wax, and borax, with breweries, of sugar, suphur, wax, and borax, with breweries, of reach, and the pickling and preparing of capers, olives, and other fruits, and of anchovies and other fish. It has, also, a great variety of trades connected with the building and diting out of ships, teamers, &c.; and is, in fact, a very prosperous and rapidly increasing town.

There are but few great expitalists in Marseilles.

"Here, as in Paris," says Mr. Maclaren, "k k the custom to retire altogether from business as soon as a trader has realized a competency. I was told that there are not a hundred men in Marseilles worth 30,000, each; but there are a great many worth half that sum. The promise generally seem stout and well-fed. I went each; but there are a great many worth half that sum. The people generally seem stout and well-fied. I went into the Place Royal when it was filled with 400 or 500 of the middle classes, meeting for business. I thought them the tailest, stoutest men I had ever seem. The sailors, porters, and carters, are more tanned tham at Paris; but the shopkeepers are not sensibly darker than in the capital. Black eyes, however, are more common; a change invariably observed as we approach the equator. The houses and mode of living resemble those of Paris; but in the new streets, houses with front-doors like our own are common; while in Paris they adhere to the old plan of vast tenements, with a grand gate and onen plan of vast tenements, with a grand gate and open court in the centre."

plan of vast tenements, with a grand gate and open court in the centre."

Marsellies is very ancient, having, according to the best authorities, been founded by a colony from Phocoa, a city of lonia, about 600 years s. c. The Massiliane, as the inhab. were then called, speedily distinguished themselves by their skill as seamen, and the extent of their commerce; and were celebrated for the wisdom of their political institutions, and their civiliaation. They became, at an early period, allies of Rome; but having espoused the party of Pompey, their city was besieged, and, after an obstinate resistance, taken by Casar. But though Marseilles lost her liberty, she preserved her commerce and superior civiliaation under the Romans; and was highly distinguished as a school of Belies Lettres and philosophy. She is spoken of by Cicero in the highest terms of eulogy. (Uratio pro L. Flacco, cap. \$5.) At a later period, Agricola was sent thither to be educated; and Tacitus calls her sedes ac magistra studiorsum. (Vi. Agricola, cap. 4.). After the fall of the Roman empire, she underwent many vicissitudes. In the 10th century she was taken and sacked by the Saracens. She was finally united to the crown of France in 1482. During the middle ages she rivalled Venice and Genoa in her trade with the Levant. In 1730 she suffered dreadfully from the plague, which is add to have destroyed from \$4.000 to 50.600 of the inhab. 1720 she suffered dreadfully from the plague, which is said to have destroyed from 40,000 to 50,000 of the inhab.! She also suffered considerably from the revolutionary phrensy and the anti-commercial policy of Napoleon; but, as already seen, she has risen superior to all these disasters, and is now more populous and flourishing than

Marseilles has given birth to many very distinguished individuals, among whom may be specified Pytheas, one of the most illustrious navigators and astronomers of antiquity, who flourished in the 4th century a. c., and Pe tronius Arbiter, Auctor purissime impuritatis. Among its modern citizens have been Dumarsals, the grammarian, Mascaron, the celebrated preacher, Peyssonnel, the author of a treatise on the commerce of the Black Sea, and of several other works on the Levant, and Puget,

author of a treatise on the commerce of the Black Sea, and of several other works on the Levant, and Puget, celebrated as a sculptor, painter, and architect.

The famous revolutionary song and air, called the Marseillaise, did not eriginate in Marseillaise, and in the inferred from the name: this was derived from the tune having been played by a body of troops from Marseillas, on their entry into Paris, in 1791. (Besides the authorities already referred to, we have consulted Hugo, art. Bouches du Rhone; Juliany, Essai swe le Commerce; and Marseille; Dictionsasire du Commerce; and Private Information.)

MARTABAN, a town of the Birman empire, cap. of the prov. Martaban, on the Than-Iweng (Saluen) river, tain: in 1826, it was estimated at 9,000; but many of the inhab. were then preparing to emigrate into the British territories, and Mr. Crawfurd (Embassy to Siems, il 222.) estimates the ordinary pop. at only 1,500. It stands on the E. decivity of a high hill, is more than a mile in length, consisting of two long streets, and is surrounded by a stockade, which separates it from some suburbs. The houses are of wood; it has several conspicuous temples, one of which is upwards of 150 ft. in height. Martaban has an imposing appearance from the water, facing which is a pattery on a rocky mount and a deep Martaban has an imposing appearance from the water, facing which is a battery on a rocky mound, and a deep wall of masonry with embrasures for cannon, &c., behind wall of masonry with embrasures for canon, and a deep the stockade. It was formerly a place of considerable trade; but, early in the course of last century, its navigation was injured by the sinking of vessels in the river by the Birnans in their wars with Pegu; and Maulmain (which see) is at present the emporium of all the adjacent provs. Maraban was taken by the British in 1824. (Crassfurd's Embassy; Hamilton's E. I. Gaz.; Mod. Tyen., xi. 179–181.)

Tres., xi. 179—181.)

MARTHA, or MARTA (SANTA), a sea-port town of Columbia, New Granada, dep. Magdalena, cap. prov. Santa Martha, on the Caribbean Sea, 105 m. N.E. Cartagena, and 175 m. W.N.W. Maracaybo. Lat. 11° 15′

NI. 110 UES (LES).
N., long. 74° 18' W. Pop. estimated at 6,000. It has some good houses, a cathedral, which is a conspicuous object in approaching it, both by land and sea, some convents, &c.; but it suffered much from the attacks of the Indians during the revolutionary war, and does not appear to have regained its previous importance. Its harbour, which is one of the best on this coast, having sufficient depth of water and good holding-ground, is defended by several batteries, and by a castle on an insulated rock, commanding both the town and the harbour. Santa Marta was founded in 15%, and made an episcopal city four years afterwards. Before the revolution it had risen to considerable importance as a commercial city. city four years atterwards. Before the revolution it had risen to considerable importance as a commercial city, and was the port into which manufactured goods for Bogota were almost exclusively imported. (Cochrans, in Mod. Trav. xvii. 397, 298.; Bissat's American Coast Piot.) MARTIGUES (LRS), a marit. town of France, dep. Bouches-dur. Hone, on an island in the channel between

the lagoon of Berre and the Mediterranean, on either bank of which channel are its suburbs of Forrieres and Jonquieres, 18 m. W. N. W. Marsellies. Pop. (1836), including its suburbs, 7,299. Its situation, amid pools and canais, has made it be called the Venice of Provence.

including its suburbs, 7,299. Its situation, amid pools and causia, has made it be called the Venice of Provence. It is well built, and has several good streets and quays, and handsome buildings; but it is ill supplied with water. Its port is much resorted to by fishing-boats. Merchant vessels are built here; and it has an active trade in olive oil, fish, wine, and salt. (Hssgo, art. Bouches dis-Rhone. gc.)

MARTIN (ST.), one of the Virgin Islands, in the W. Indies, belonging parily to the French and partly to the Dutch; about lat. 18° 4° N., and iong. 68° 5° W.; between Anguilla and St. Bartholomew, 12 m. N.W. the latter, and 75 m. N. N.W. Barbuda. Area estimated at 30 sq. m. Though hilly, it has no eminence 2,000 ft. in height it is watered by numerous rivulets; and in the S. are numerous lagoons, from which great quantities of salt are obtained by the Dutch. The coasts, which are deeply indented, afford several good roadsteads, of which Philipsburg and Marigot are the best. The soil is light, strong, and frequently arid; but it is tolerably healthy. The northern, and larger portion of the island belongs to France, forming a commune of the colony of Guadeloupe; and having an area of 5,371 hectares, of which, 1,841 are cultivated, 241 in pasture, 674 in woods, and 2,616 unproductive. The annual produce of sugar averages about 900,000 kilogs., syrup about 11,000 kilogs., and rum about 50,000 gallons.: a good many cattle are size reared. Pop. of the French division about 3,600. rages about 900,000 kiloga., syrup about 11,000 kilogs., and rum about 30,000 gallons. is good many cattle are also reared. Pop. of the French division about 3,600, five sixths of whom are slaves. The southern, or Dutch, division of the Island is less fertile and richly wooded than the French, but more profitable, on account of the salt it produces, which is sent to the neighbouring islands, and to N. America: it is also estimated to yield annually about 25,000 cwt. of sugar, and 130,000 gallons of rum (Stein's Handbook, ill. 828.) The Dutch portion is said to be about as populous as the French. Nearly all the white pop. of St. Martin are of English descent. The Spaniards first colonised this island, but abandoned it in 1650; after which it became a subject of contention between the French and Dutch, who subsequently divided it between them. It has been frequently taken by the English. (Hugo, ill. 309; ; Notices Statist. sur tee Colunies Françaises; Stein, 3c.)

MARTINIQUE, one of the Windward Islands, in the Windles, belonging to France; between lat. 14' 23'

MARTINQUE, one of the Windward Islands, in the W. Indies, belonging to France: between lat. 14° 29′ 43″ and 14° 52′ 47″ N., and long, 60° 46′ and 62° 15′ W., about 25 m. S.E. Dominica, and 20 m. N. St. Lucia; length, N.W. to S.E., 38 m.; average breadth, about 10 m. Area estimated at 98,782 bectares. Pop., in 1836, 117,562, of whom 40,000 were white, or free-coloured, and 77,500 slaves. The surface gradually rises on proceeding 77,500 slaves. The surface gradually rises on proceeding inland, and mountain-ranges occupy the centre of the country. Their loftiest summits are the Montague Poles, towards the N. extremity of the island, and the Paose dis Carbet; the former rises to 4,429 ft., the latter to 3,560 ft., above the sea. These, and other mountains, are evidently extinct volcances; having their characteristic conical form, and abounding with lava, and other volcanic products. The flanks of the mountains are mostly covered with a dense and luxuriant forest regretation, and are in many parts under culture to tains are mostly covered with a dense and luxuriant forest vegetatiou, and are in many parts under culture to an elevation of 1,300 ft. About a third part of the island consists of pretty level land. It is watered by numerous rivulets; but of these only three or four, which disembogue on the W. coast, are navigable in any part of their extent. At the S. extremity of the island is a small sait-lake. The coasts research was these and indeed that the bogue on the W. coast, are navigable in any part of their extent. At the S. extremity of the island is a small satisfake. The coasts present many bays and inlets, but the harbours on its E. side are difficult of access, being obstructed by numerous islets, and extensive banks of madrepore. On the S. side is the bay of Marin; and on the W. is that of Fort Royal, forming one of the best harbours in the Antilles: in the N.W. is the roadstead of St. Pierre, where ships ride safely, except during W. winds. The mean annual temp. in the plains is about \$10, the maximum in the shade being \$50, and the minimum \$60 Fah.; but the heat is tempered by sea breezes

MARTINIQUE.

during the day, and land-breezes at night. The moisture of the atmosphere is excessive; and it is estimated that at the level of the sea 85 inches of rain fall annually. Most of this rain descends from July to Oct, a period of the year termed the Aivernage; when the hurricanes, from which the island has often suffered severely, are most frequent. The weather for the remaining 9 months is generally fine; but Martinique, like the neighbouring island of St. Lucia, is very unhealthy. Mineral springs are abundant, of a chalybeate, saline, or siliceous nature, and useful in cutaneous and liver complaints. The surface cousista chiefly of disintegrated pumine-stone, intermixed with vegetable mould, forming a light and very fertile soil. In 1835, it was estimated that 28,230 hectares were under culture; that savannahs and pasture lands occupied 21,779 do.; woods and forests, 22,387 do.; and unproductive lands, 15,303 do. The following official account has been given of the distribution of the cultivated lands, their produce, &c., in 1836: vated lands, their produce, &c., in 1836: -

Articles.	Hectares cultivated.	Siaves employed in Culture.	Produce.
Sugar-cane	23,777	54,240	Raw sugar - kil. 33,960,900 Do 198,780 Syrup & molas. litr. 6,259,139 Rum - 1,669,920
Coffee - Cotton - Cocoa - Corn, &c Mulberry - Various	2,917 249 464 12,706	8,897 8,677 3,617	Do kil. 692,907 Do 18,705 Do 125,610 Do value, fr. 2,836,831
Total -	40,117	55,421	

Of late years, agriculture has made considerable progress in Martinique. The plough has come more into use, and manuring is more extensively practised; and the culture of the sugar-cane, to which the colonists have turned their chief attention since 1820, has been greatly improved. The cane is of two kinds: the Otaheltan variety, and the yellow cane of Batavia. It was first naturalised about 1630. The coffee plant was introduced in 1723; but its culture, like that of most other products, is diminishing in favour of sugar. A few lowes and in 1723; but its culture, like that of most other products, is diminishing in favour of sugar. A few cloves, and some other spices, are grown; and the government has attempted, though hitherto with little success, to introduce the culture of indigo. Martinique formerly produced a pretty large supply of tobacco, but it is now quite insignificant. Manloc, bananas, sweet potatoes, maise, &c., are the principal farinaceous vegetables, maise, &c., are the principal farinaceous vegetables, in 1836, there were three earthenware and tile factories, and 10 lime-kilns, employing 352 slaves; these are, however, the only manufacturing establishments in Martinique. Carpenters, masons, and such-like workmen are pretty numerous; but there are few of any other description. Most part of the skilled workmen belong to the free coloured class, and only work when they have expended their wages, and are in want of necessaries. expended their wages, and are in want of necessaries. A number of hands, both free and slaves, are employed in fishing; and between 400 and 500 are occupied in navigation and the coasting trade. Subjoined is an

Account of the Quantities and Values of the principal Articles exported from Martinique in 1836.

Art	icles.		Quantities.	Value.
Raw sugar - Molassea - Raw Coosa - Coffee - Dye-woods - Rum - Cassia - Copper - Coin, gold and other articles	silver	- kilogr. - litres - kilogr. - litres - kilogr.	22,994,754 2,485,593 135,727 519,507 1,289,018 144,957 63,006 40,547	France. 13,796,852 506,962 190,354 831,228 253,679 86,266 79,524 81,094 415,180 252,239
Total				16,425,418

The imports consist chiefly of salted meat, butter, and

The imports consist chiefly of salted meat, butter, and fish, corn, flour, pulse, oils, timber; cotton, linen, and other manufactured goods; wines, soap, candles, hardware, jewellery, apparel, &c.; chiefly from France and the French colonies. In 1836, the value of the imports amounted to 19,480,598 fr. In the same year, 286 French vessels, of the aggregate burden of 48,861 tons, entered, and 383 left, the ports of the island; in addition to which, 496 foreign vessels entered, and 487 cleared out.

The government is vested in a governor, assisted by a privy council, composed of the military commandant, the 3 principal civil officers of the colony, and 3 privy councillors nominated by the king; and in a colonial council of 30 members elected for 5 years. Every individual of French descent, 28 years of age, born or having resided two years in the colony, and paying taxes to the extent of 300 fr. a year, or having property worth 30,090 fr., may be an elector; and inhab. paying taxes, or pos-

estimated at 4,387,395 ft., the local receipts to meet which amounted to only 2,265,711 ft.

Marticique has only three towns worthy of mention. Fort Royal, the cap, and seat of government, on the N. shore of the bey of same name, in the S.W. part of the island. Pop., inc. com., about 11,500. It is well built, its chief public edifices being the par. church, government offices, naval storehouses, arsenal, barracks, hospital, two prisons, and the residence of the prifet spossations. The superior ecclesiastic of the island. It is defended on the N. by Fort Bourbon, and on the S. by Fort Louis, on a small peninsula, by which it is shut off from its port; but it communicates with the harbour, by a canal, cut within a few years. Near Fort Royal are numerous pleasant country residences. St. Pierre (which see), also on the W. coast, is the largest town in the French W. Indies. La Trinité, on the bay of the same ame, on the E. side of the island, has a pop. of about 4,600, large warehouses, a prison, some barracks, an hospital, and a handsome church. Its roadstead and harbour are secure; the latter has good holding-ground, but it is difficult of access. Its entrance was formerly protected by a fort, new in ruins.

difficult of access. Its customered was recovery processes by a fort, new in ruins.

This island was discovered by the Spaniards in 1498. In 1635 it was settled by the French. In 1763 the English took it from the latter, but restored it in the succeeding year. In 1794 it was again taken by the English, who gave it back in 1802; it came a third time into our recovering in 1800 and was finally restored to France. was gave it care a in levz; it came a turn time into our possession in 1809, and was finally restored to France in 1815. The Viscount Beauharnais, and his wife Josephine, subsequently espoused by Napoleon, were natives of Martinique. (Notices war les Colonies Françaises, 1. 27—134.; Official Tobics; Hugo, art. Martinique.)

MARWAR, a native state of Hindostan. See Joud-

MARWAR, a native state of Hindostan. See Joudenous. MARWAR, a native state of Hindostan. See Joudenous. MARWAR, a native state of Hindostan. See Joudenous. MARWAR, a native state of Hindostan. See Joudenous. MARWAR, a native state of Hindostan. See Joudenous. Journal of the Barrow, 68 m S.W. Dublin. Pop., in 1821, 2677; in 1821, 3633. "It is a town of very little importance or wealth, possessing a very inconsiderable market, compared to Mount Mellick and other towns in the co.; but within the last few years the quantities of grain brought to market have increased." (Mass. Bound. Report.) It is straggling and meanly built. The new co. prison has 75 cells and 36 other prisoners' rooms. The district lunatic asylum has accommodation for 104 patients. It has 3 schools, one for boys, another for girls, and one for both, partly supported by and connected with the Educational Board, which, in 1839, were attended by 742 children. When the territory of Leix was made ahire-ground, at the close of the reign of Philip and Mary, this place, previously a border fortress, was fixed on as the assist town, and named from the reigning queen. It changed masters several times during the war of 1641. It has several good public buildings, among which are the par. church, a Rom. Cath. chapel, a convent, Presbyterian and Methodist meeting-houses, the infirmary for the co., the district lunatic asylum lately erected for King's and Queen's Coe., Westmeath and Longford, the new co. court-house and prison, with barracks, schools, &c. It is a constabulary station. The ryoration, under a charter of Elisabeth, in 1870, consists of a burgomaster, two bailiffs, and an indefinite number of burgasses and freemen. It returned 3 mems. to the Irish H. of C. till the Union, when it was disranchised. The assisse for the co. are held here; and general assires in April and October, and petty sessions weekly. Rathleague, the seat of Lord Congleton, and Bulydn, the seat of Sir Charles Coote, are in the immediate vicinity of the town.

MARYLAND, one of the

seming property of double the above amount, are eligible to the colonial council. In 1835, there were 819 electors, and 507 individuals eligible to the council. Martinique is divided into the arronds. of Fort Royal and 8t. Pierre, 4 cantons, and 26 commons. Justice is administered by a royal court at Fort Royal, courts of asise and primary jurisdiction in each arrond, a justice of the and primary jurisdiction in each arrond, a justice of the and primary jurisdiction in most of the communes. The military force amounts to 2.030 men, besides which there is a militar of 4,103 men. There are 3 schools of mutual instruction, 2 in the cap., and 1 in St. Pierre; and grimmy schools in almost every commune. At St. Pierre is a superior female seminary. There are orphan asplumes, and various other charities, in the two principal towns; and 2 newspapers are published, both at St. Pierre. The total expenditure of the colony, in 1837, was estimated at 4,347,866 fr., the local receipts to meet which amounted to coly 2,355,711 fr.

Martinique has only three towns worthy of mention. leghanies, which have an elevation of about 3,000 ft. The Potomac, which divides the state from Virginia, and the Susquehannah, which fails into the innermost extremity of Chesapeake Bay, are the only considerable rivers. The climate of the hill country is healthy and agreeable; but along the coast the heats in summer are sometimes oppressive, and destructive fevers frequently prevail. The mean annual temp. at Baltimore is about 53° Fahr. The soil is particularly fertile in the valleys between the mountain ranges of the W.; but elsewhere it is of very various qualities, and towards the coast is otten sterile. Large quantities of excellent wheat, of a variety supposed to be peculiar to this state, is raised, especially on the K. shore; the crop, however, is rather precarious; and indian corn is probably the principal produce. Knegsc. of Grog, Amer. edit., iii. 513.) Tobaco is the other great staple, and is grown almost exclusively on the W. shore. (For an account of the quantities of these staples inspected in Maryland, see Baltimore. In this Dict., I. 395.) Most part of the products of the more N., and some common to the more S. states, are cultivated. Fruits and sweet potatoes are grown in abundance; a little cotton is raised for domestic purposes; and hemp and flax are grown in the W. The forests abound with trees, producing mast, which feeds great numbers of hogs. Beef and mutton are also plentiful; and large quantities of provisions are shipped from Baltimore. The fisheries are actively carried on in the bay and along the coast; of provisions are shipped from Baltimore. The fisheries are actively carried on in the bay and along the coast; and, in 1835, upwards of 40,000 barrels of herrings, 5,500 do. shad, and 15,000 do. mackerel, were inspected at Baltimore. Coal of good quality is found in the W. part of the state, in two principal fields, one of which extends over an area of 400 sq. m. Iron is every where abundant; and the bog-ore wrought on the E. shore yields at an average from 40 to 50 per cent. of metal. Sulphuret of copper, chrome and alum earths, green vitrol, and various fine marbles, are among the other mineral products. The manufactures consist principally of coarse cotton (shelf) ane marbles, are among the other mineral products. The manufactures consist principally of coarse cotton fabrics, and of hardware, salts, earthenware, &c. The principal articles of export are 80 our and tobacco; and, next to these, lumber, iron, indian corn, pork, fax seed, and beans. Exclusive of her very extensive trade with other parts of the Union, the total value of the exports from Maryland to foreign countries, during the exports from Maryland to foreign countries, during the year ending June, 1849, amounted to 8,000,600 doils., and that of the imports, during the same year, to 4,976,731 doils.

The canals and railways of Maryland are on a large scale. The Chesapeake and Ohio Canal, intended to unite Georgetown, in the district of Columbia, with Pittsburgh on the Ohio, was commenced in 1828, and in 1828,

imports, during the same year, to 4.976,731 doils.

The canals and railways of Maryland are on a large scale. The Chesapeake and Ohio Canal, intended to unite Georgetown, in the district of Columbia, with Pittsburgh on the Ohio, was commenced in 1829, and, in 1839, 136 m. had been completed. It is generally from 60 to 70 ft. wide; though in parts it is contracted to 50 and expanded to 150 ft.: its depth is 6 ft. The rise to William's Port, 106 m. from Georgetown, is 253 ft., which is "overcome by 44 locks 100 ft. long by 15 ft. which is "overcome by 44 locks 100 ft. long by 15 ft. which is "overcome by 44 locks 100 ft. long by 15 ft. which is "overcome by 44 locks 100 ft. long by 15 ft. which is "overcome by 44 locks 100 ft. long by 15 ft. which is "overcome by 44 locks 100 ft. long by 15 ft. which is "overcome by 44 locks 100 ft. long by 15 ft. which is "overcome by 44 locks 100 ft. long by 15 ft. which is "overcome by 44 locks 100 ft. long by 15 ft. which is "overcome by 44 locks 100 ft. long by 15 ft. which is "overcome by 44 locks 100 ft. long by 15 ft. which is "overcome by 44 locks 100 ft. long by 15 ft. which is "overcome are all built of solid stone masonry; the cost of the work thus far, is estimated at about 4,100,000 dolls. The legislature of the state has also appropriated 1,000,000 dolls. for the construction of branch canals to Baltimore and Annapolis." (Bradford.) The aggregate length of the railroads in Maryland. In 1849, was between 260 and 370 m.; and the Baltimore and Ohio railway is the most stupendous national work undertaken in America. Its length, when finished, will be at least 300 m., within which a rise of 885 ft. must be overcome. In 1849, 178 m. of the work had been completed. In 1849, there were in the state 21 banks and 2 branch banks, with an aggregate capital estimated at 8,704,711 dolls. The legislative government is vested in a senate and a house of delegates, together styled the General Assembly of Maryland. The H. of Deleg., comprising 82 mems., is chosen every second year by

all subordinate officers of state.

Annapolis is the seat of the state government; but Baltimore is the commercial capital, and, in pop. and importance, the fourth city of the Union. (See Baltimore, Maryland is divided into 20 counties, Frederick, Hagursburg, and William's Port, are the other principal towns, and 6 judicial districts, each comprising 2, 3, or 4 counties. Each of these districts has a chief judge and 2 associates; the 6 chief judges constituting the court of appeal for the state. Judges hold office during good behaviour. The militia, in 1838, consisted of an aggregate of 46,864 men. Maryland has a fund for the support of free schools, which, in 1831, amounted to 142,053 dolls, and possesses several large and important colleges, including Maryland University and St. Mary's College,

with a library of 12,000 vols., at Baltimore; St. John's College, at Annapolis; Mount St. Mary's, at Emmitaburg, &c. in 1849, the agg. state debt amounted to 15,900,000 dolls., now well provided for. The inhab, are mostly Rom. Catholics or Methodists.

Maryland was first colonised by Lord Baltimore, and about 200 Rom. Catholic emigrants in 1634. It remained a proprietary government until the revolution of 1688, when it became a royal prov.; but in 1716 it was restored to the descendants of its original possessor, and retained by them till the independence of America. Its constitution was formed in 1776, and dates next in order to that of Virginia; it has, however, received several important alterations and amendments at different periods. (Darby's Views of the U. States; Americass Almanack, 1849-50; Encyc. of Geog. Amer. edit.)

MAR YPORT, a sea-port town of England, co. Cumberland, par. of Cross Canonby, Allerdale Ward, on the Solway Frith, close to the mouth of the Ellen, 25 m. S. W. Carlisle. Pop., in 1841, 5,311. It is neat and well-built, and, from its salubrity, is much frequented by summer visitors. A modern townhall, and sundry places of worship, are its chief public edifices. A national school furnishes instruction to children of both sexes, and there is a school of industry for girls. The present importance of Marpport, which, in 1750, was a mere hamlet, is attributable to the rise of an extensive coalizade with Ireland and Scotland, no fewer than 197,061 tons of coal having been shipped here in 1849. It has also ship-building yards; and sall-cloth, ropes, blocks, &c., are made on a pretty extensive scale. A pler has been erected, and there are commodious quays and statins; but the harbour dries at low water, and has only 12 ft. at high water springs, and 8 at neaps.

MASCALL, a town of Sicily, intend. Catania, cap. Canton, at the E. base of Mount Zens, on a small river about 2 m. from the sea, and 10 m. S.W. Toormina. Pop., in 1831, 3,063. Its district is exceedingly fertile, and the town was formerl

larre and Riposto.
MASSA-CARRARA (DUCHY OF).

MASSA-CABRARA (DUCHY OF). See MO-DENA.

MASSA-CHUSETTS, one of the U. States of N. America, in the N. part of the Union, in the distr. known by the name of New England; and which, though comparatively small, is one of the most important and flourishing states belonging to the Confederacy. It extends between lat. 41° 18' and 42° 52° N., and long, 69° 50' and 73° 30' W.; having N. Vermont and New Hampshire, W. New York, S. Connecticut and Rhode Island, and E. the Atlantic, the islands of Martha's Vineyard and Nantucket in that ocean being comprised in this state. Greatest length, W. N. W. and E. S. E., 190 m.; ordinary preadth, between 40 and 50 m.: area, 7,800 sq. m. Pop., in 1830, 510,408; in 1840, 737,699, or 33 to the sq. m., being the most densely peopled state of the Union. Generally speaking, the country ascends according to the distance inland, the general slope being from W. to E. The coast presents a capacious, deep, and admirable bay, between Cape Ann and Cape Cod; from which the state has derived its name. A sandy, and in some parts marshy plain extends several miles into the interior: this is abruptly succeeded by a hilly country, which occupies all between Cape Ann and Cape Coo; irom winch the state has derived its name. A sandy, and in some parts marshy plain extends several miles into the interior; this is abruptly succeeded by a hilly country, which occupies all the central parts of the state, abounding with valleys of various extent, numerous rivers, and extensive pine plains. The valley of the Connecticut river separates this region from the third, or mountainous, or most westerly division of the state. It is well watered, but no large river rises within it. Next to the Connecticut, the chief is the Merrimack, which runs through its N.E. parts, and falls into the sea near Boston. There are no large lakes, but numerous ponds. The climate varies according to elevation; but is generally dry and healthy, and the atmosphere serene. The thermometer, it is said, in the plains, during summer, often exceeds 77c Fahr., and sometimes rises to 100°. In some of the central and W. districts the soil is strong and rich; but in general it is poor rather than otherwise; though the active perseverance of its inhab, and good cultivation have rendered it highly productive. In no part of the U. S. have greater advances been made in agriculture: but latterly the pre-eminence of Massachusetts in this respect has not been maintained, and her crops have declined. Maise, yre, wheat, oats, barley, peas, beans, buckwhest, potatoes, hops, flax, and hemp are the chief agricultural products. Great quantities of cider also are made, and fruits and garden vegetables extensively grown. But notwithstanding, Massachusetts is indebted to the southern states, especially to N. York, Maryland, and Pennsylvania, for by far the largest portion of her supplies of flour and corn; and to these and the other states she is indebted for cotton (about 240,000 bales), staves, coal, &c. Beef, pork, butter, and cheese, are of excellent quality, and so abundant as to form a considerable article of export; the W. part of the state is

MASSACHUSETTS.

specially distinguished for its extensive dairies. Mr. Stuart speaks in high terms of the cheerful appearance and flourishing condition of the rural districts of Massachusetts. "The whole of the villages, from Northampton to Boston, Belchertown, Ware, and Worcester, are handsomely laid out, and comfortance places; and every thing about them is so neat, and so much in order, that it is delightful to see them. About Northampton there is more appearance of real comfort and beautiful village scenery than I have seen any where else." (i. 294.) Agriculture is here, however, of inferior importance to manufactures and commerce, in which Massachusetts the New York. Nearly 60 millions of dollars are said to be invested in manufacturing stock; of which a large promanulactures and commerce, in which Massachusetts ranks second perhaps to no state in the Union, unless it be New York. Nearly 60 millions of dollars are said to be invested in manufacturing stock; of which a large proportion is employed in Lowell, which, next to Pittsburgh, is the chief manufacturing town in the U. States, and may be styled the Manchester of America. (See Lowell.) Next to cotton goods, boots and shees are the chief manufactured articles; from 3 to 4 million pairs are annually made at Lynn and other places in this state, principally for export to the southern states and the W. Indica. Spirits, leather, cordage, wrought and cast fron, nails, woolleins, paper, straw bonnets, hats, oil, and muskets, are the other principal manufactures. There is a large national establishment for the manufacture of arms at Springfield. There are numerous iron mines, and some also of lead. Excellent marble and granite, slate, limestone, &c., are obtained. The whale, cod, and other fisheries of the U. States centre principally in Massachusetts, and are at once a principal employment and a most productive source of wealth. The chief exports of this state, exclusive of its manufactures and the produce of its setts, and are at once a principal employment and a most productive source of wealth. The chief exports of this state, exclusive of its manufactures and the produce of its fisheries, are beef, pork, lumber, spirits, flax seed, &c. During the year ending the 30th of June, 1849, the value of the foreign produce imported into Massachusetts amounted to 34,746,197 dolls., while the value of her exports to foreign countries amounted to only 10,364,862 dolls.; the excess of the value of the former above that of the latter being defrayed by bils on New York, Philadelphia, and other states, which are always largely indebted to Massachusetts. The aggregate burden of the ships belonging to Massachusetts in the same year amounted to 636,599 tons, being more than 1-5th part of the tomage of the Union, and more than that of any other single state, New York excepted. (For further details as to the trade of Massachusetts, see Bosron.) The internal communications are very extensive and important. In 1849 it had 21 railways of the aggregate length of 844 m.; the revenue from which, in 1846, amounted to \$,900,607 dolls. Of these, Quincy railway, the first work of the kind finished in the U. S., was completed in 1827; but the principal are those from Boston to Providence, Worcester, and Lowell, that from Worcester to Spring-field, and the Western railway, now completed from Boston to Albany, New York. There are also several canals of considerable length: that connecting Boston harbour with the Merrimack (completed in 1809) was the first canal of any size undertaken in the Union. Massachusetts had, in 1850, 119 banks, with a united capital of 34,630,011 dolls.; and, in 1848, 41 savings' banks, the aggregate deposits in which amounted to 11,970,445 dolls. doll

cours.

Till lately the legislature of Massachusetts had a greater number of members than that of any other state of the Union: but the amended constitution of 1840 reduced the senate to 40 mems.; and the number of representatives to 356, elected by towns of more than 1,300 inhab. Of the representatives, Boston, the cap., sends 35; Lowell, 9; Salem, 6; and Charlestown and New Bodford, 5 each, &c. The right of election is in every male citizen 21 years of age who has resided within the state for a year, and within the town or district for which he desires to vote for fine the procedure to be sent to the contract of t age who has resided within the state for a year, and within the town or district for which he desires to vote for 6 months preceding the election. Elections take place annually for senators, representatives, the governor, licutenant governor, and a council of 9 mems. Intended to assist the executive, and chosen from among the people at large by a joint vote of the senators and representatives. The salary of the governor is 2,500 dollars a year. The supreme court of justice sits at Boston; it consists of a chief justice, 4 assistant judges, and other officers. There is a court of common pleas, and other courts are established in each co.: the different judges of all the courts are appointed by the governor and council, and hold office during "good behaviour." Every ableodied white male citizen between 18 and 46 (with certain exceptions) is required to enrol himself in the militia; but the active militia consists of only 10,000 mem, called out at different times. Education is very widely diffused. In 1848-49, the number of scholars attending public schools in winter was about 185,000. There are 67 corporate and 1,096 unincorporated academies and superior private schools. In 1848-49, the sum of 784,943 dolls. was raised by taxes for the support of schools. The principal educational establishments are — Harward university, near Boston; Phillips, Dummer, Leicester and Derby academies; William's and Amherst colleges; several theological seminaries, and other special schools.
Learned societies, mechanics' institutes, lyceums, reading societies, and public libraries, are numerous. The number screenes, ama puone invaries, are numerous. I ne number of churches as compared with the pop. is greater in this than in any other state of the union; and the inhabs, are distinguished by their industry, sobriety, and go doll.

This state was first permanently settled by a party of emigrants from England, who landed at Plymouth in 1620. Another settlement was formed at Salem in 1628, and both were united by charter under the same government with Maine in 1622. The first engagement with the

and both were united by charter under the same government with Maine in 1692. The first engagement with the forces of the mother country occurred at Lexington in this state, 19th April, 1775. Massachusetts sends 12 memsto congress. (Mitchell's United States; Darby; Americans Aimsanck, 1834-41.

MASSA-DUCALE, or DI-CARRARA, a town of N. Italy, belonging to the Modeness dom., cap. duchy of same name, on the road between Genoa and Leghorn, 3 m. from the Mediterranean, and 28 m. N.W. Lucca. Pop. estimated by Rampoldi at 7,000. It is distinguished by the beauty and salubrity of its situation, and is clean and well built, but has few remarkable edifices. Its ancient cathedral was pulled down by Eliza Bacciocchi, sister of Napoleon, when queen of Etruria, on account of its being too near the royal palace. It has an academy of sculpture and architecture, a seminary, college, hospital, public library, and an old castle now used as a prison. It is the see of a bishop; and has manufactures of silk stuffs, and some trade in soap, oil, and other agricultural products, and in the fine marble manufactures of silk stuffs, and some trade in some, on, and other agricultural products, and in the fine marble of its vicinity, as to which see Carrana in this Dict. (Vol. I. p. 565.)

MASSAFRA, a town of the Neapolitan dom., prov.

MASSAT; A town of the Neapolitan dom., prov. Otranto, cap. canton, on the road from Bari to Taranto, 10 m. N.W. the last named city. Pop. about 7,000. "Massafra is prettily situated on the slope of a hill interspersed with tufts of trees and shrubs; but when near it, it assumes a most singular appearance. The rock on which it stands is perforated and worked into a thousand fantastic shapes. The houses stand on the brirk of a narrow valley, or rather ehazm, worked through the rock by the action of running water." (Burgess's Gracce, 4c. 1.21.) The town is walled, and is coolectured by some authors to occupy the sits of the Messagna, between Orla and Brindisi, is the medern representative of that ancient city.

MASSAT, a town of France, dép. Arlège, cap. cant. a fertile valley, 14 m. W.S.W. Folx. Pop. in 1836, 7,180. There are in its vicinity numerous iron mines, the working of which employs a considerable portion of the people.

the working of which suppressed the people.

MASUAH, the principal sea-port of Abyssinia, on the Red Sca, on an island separated from the continent by the narrow but deep channel of Adows, 200 m. N. E. Gondar, and 420 m. S. by E. Djidda: lat. 160 36 467 N., long. 369 347 E. Pop. 2,00.0.? The island in which Masuah stands is only about in. in length, and it m. in breadth, one-third of its extent being occupied by houses. The town has several stone houses, two stories high; breadth, one-third of its extent being occupied by houses. The town has several stone houses, two stories high; but most of them are in ruins. The other dwellings are mere huts, built, as in Arabia, with poles and bent grass. The only public buildings are four mosques, of small size and rude architecture. Owing to the total absence of springs, water is very scarce, and is collected in large public tanks, that occupy nearly a third part of the island. The harbour, though having a narrow entrance, can accommodate about 50 vessels; and is safe, deep, and easily accessible. The trade carried on between Masuah and the ports of Arabia is of considerable importance. From Djidda are brought many articles of European manufacture, embroidered velvets, arms, glassware, silks, and satins; while Mocha furnishes Indian

fabrics of every quality, from the finest muslins to the coarse Surat cloths, used as articles of dress in a great part of Africa. The exports comprise a considerable numpart of Africa. I me exports comprise a consucrance num-bers of slaves, gold-dust, ivory, rhinoceros' horns, and corn, brought from the interior by a large caravan, which arrives in Feb. The Naybe demands 10 per cent., ad valorem, on all exports and imports, and the same amount of duty is levied by the Imâm. (Valentia's Turnate it 45_68,)

arrives in Feb. The Naybe demands 10 per cent., as valores, on all exports and imports, and the same amount of duty is levied by the Imâm. (Valestic's Truscis, ii. 46-68.)

MASULIPATAM. Sec Circars (Northern).

Masulipatam, a fortress and town of British India, presid. Maras, cap. of the above distr., on the Coromandel coast, 230 m. N.N.E. Madras; ist. 16°15' N., long. 31° 14' E. The fort is of an oblong figure, 800 yds. by 600, in the midst of a salt morass, and close to a canal communicating with the Krishna. By means of this canal the surrounding country may be entirely inundated, a circumstance constituting the chief strength of the place. The petical, or native town, is about 1½ m. to the N.W.; it is very extensive, and, for a Hindoo town, tolerably well built. Masulipatam stands on the only part of the Coromandel coast which is not best with seavy surf. Its port receives vessels of 300 tons; and it was for a lengthened period a place of considerable trade with Bengal, China, Birmah, Persia, and Arabia. Its commerce is now, however, greatly failen off, and scarcely extends beyond Calcutts on one side, and Bussorah on the other. Its chief exports are piece-goods and tobaccu. The chintses of Masulipatam, though not equal to those of Europe, have been long, and deservedly, celebrated, and are very generally worn in some parts, especially in Persia. This town is the residence of the district collector and judge. It was conquered by the Bhamenee sovereigns of the Decca, in 1480, ceded to the Franch in 1751, and taken by the British in 1759.

MATANZAS, a sea-port town of Cuba, ranking next to the Havannah, in commercial importance, on the N. coast of the Island, at the bottom of a deep bay, 22 m. E. Havannah; lat. 25° 2° 2° 2° N., long, 81° 37' 44''

N. Pop., in 1837 (incl. garrison and strangers, estimated at 3,000, 14;341: of the resident pop., 6,232 were whites, 1,41 free people of colour, and 3,65' alaves; but, at present (1850), the pop. is, probably, not under 50,000. It is protty well built, has some good

surface, which serves as a natural breakwater, to defend the vessels at anchor within it from the swell. There are two channels by which to enter, the one by the N., the other by the S. end of the ledge; but the S. channel is fit only for coasting vessels. There are two rivers, one on each side of the town, which deposit so much mud at their mouths as greatly to diminish the extent of the anchorage-ground, and render it necessary to load and discharge the shipping by lighters and launches. (Turnbull's Cuba, 217—219.; Comm. Dict., 2c., passim.)
Matanzas, though situated in one of the most fertile districts of this noble island, was an inconsiderable place till within the last 40 years. Under the old colonial government, it was merely a subsidiary port to the Havannah, and was not allowed to carry on any direct intercourse with foreign countries; but this impolitic restriction being removed in 1809, Matanzas immediately became the centre of a considerable trade; and the town

restriction using removed in 1809, maximized immediately became the centre of a considerable trade; and the town and its commerce have since continued to increase, with the rapidly increasing cultivation of sugar and coffee, and other colonial staples in the adjoining districts. The great importance of the trade of Matanzas will be seen from the subjoined account of the

Shipments of Sugar, Coffee, and Molasses, from Matanzas in 1847, Vessels cleared out, &c.

Destination of				Molesses.			Ship	clear	ed out.	
Exports.		Sugar.	Coffee.	M clases.	Flage.				Ships.	Tonnage.
North America - Engiand and Dependencies Hamburgh and Bressen The Baitic - Holland - Belgium - France - Spain - Other places -		Boner. 118,102 124,801 24,583 16,322 7,403 14,285 8,865 18,459 54,354	246,275 8,009,115 250 150 201,250 176,9512 950,935	Hhds. 59,398 12,001 2,500 1,026	American English - Spanish - French - German Russian Prussian Swedish Norwegian Braziban	:	:		515 118 77 4 84 8 6 8	59,057], 30,697], 15,048], 1,287 11,530 1,210 1,092 2,419 756 850]
Total -	ا ـ ا	387,174	4,991,8374	55,0214				Ī	567	123,939

MATARO (an. Illuro), a sea-port town of Spain, in Catalonia, 20 m. N.E. Barcelona. Lat. 41° 33' N., long. 9° 30' E. Pop., according to Midiano, 12,949. The more ancient or Moorish portion of the town stands on a slight eminence, at a short distance from the shore, and is surrounded by walls: its streets are narrow and crooked, with the exception of the Riera, which is wide and straight, lined with rows of trees, and forming an agreeable promenade. The new town, which stretches eastward along the sea-shore, is much larger and more regulated by the wide with the treets and recreate the busines. harly built, with wide streets, and respectable houses. A parish church and a general hospital, with 2 or 3 large buildings, formerly used as monasteries, are the only public edifices. The town is celebrated for the excellence public edifices. The town is celebrated for the excellence of its red wine and brandy, much of which is exported to the U. States. Its cloth fabrics, which were favourably noticed by Townsend (i. 102.), have much declined; and, since the emancipation of the colonies, its exports of cotton-prints, ribands and lace, have become quite inconsiderable. The port has a ship-building yard; and there is good auchorage for merchant-ships close in shore. "The neighbourhood is very picturesque, and the country-houses and cottages have an air of greater neatness and comfort; the windows are glazed, and the insides of the dwellings display a good stock of furniture. No beggars and fewer ragged people are seen; industry is evidently active; the ground is better cleared, fences (made of the American aloe) are more general and more neatly constructed; nobody is seen basking in the sun. In short, there is altogether a new order of things, quite different from that seen in any other part of Spain." (Inglis, ii. 204).

MATHURA, or MUTTRA, a celebrated town and place of pilgrimage in Hudostan, prov. Agra, on the Jumna, 30 m. N. W. Agra; lat. 270 21 N., long, 770 35 S. It is highly venerated by the Hindoos, from its being the birthplace of their deity Krishna, and consists chiefly of one continued street of temples and ghauts, which, though they do not exhibit the architectural magnifeence of similar structures in S. India, have, nevertheless, considerable elegance and richness. Mathura was less, considerable elegance and richness. Mathura was taken in 1019 by Mahmoud of Ghiznee, who despoiled it taken in 1019 by Mahmoud of Ghiznee, who despoiled it of an immense quantity of gold, silver, and gems, threw down many of its temples, and desecrated others by converting them into mosques. Under Acbar and his successors, however, the Hindoos were permitted to rebuild and improve the city; and a temple, erected about that period, is said to have cost 60 lacs of rupees. But this splendid edifice was destroyed by Aurungsebe, who built on the spot a mosque with the materials. Another large mosque, built by a Mohammedan governor, is now in a state of decay. Some extensive cantonments are separated from the town by an interval of broken ground

splendid edifice was destroyed by Aurungszebe, who built on the spot a mosque with the materials. Another large mosque, built by a Mohammedan governor, is now in a state of decay. Some extensive cantonments are separated from the town by an interval of broken ground covered with ruins. Mathura has a fort, in which is an observatory, founded by the rajah Jye-Singh of Jyepoor. At the end of the last century it was the head-quarters of the commander of Scindia's infanty: it was, however, taken, without opposition, by the British in 1803. (Hamilton's E. I. Gaz.)

MATLOCK, a village and par. of England, celebrated for its mineral waters, hund. Wirksworth, co. Derby, on the Derwent, 14 m. N. by W. Derby, and 125 m. N. N. W. London. Area of par., 3,560 acres. Pop., in 1841, 3,782. The town is beautifully situated, partly in a valley and partly on the slope of a hill rising E. from the Derwent, here crossed by a neat stone bridge: the houses are chiefly of stone. The church, picturesquely situated on the brow of a rock, rising perpendicularly above the river, and embosomed in trees, is a small edifice, in the perpendicular langlish style, with a square tower at its W. end: the living is a rectory (ann. val. 390/.), in the gift of the Dean of Lincoln. There are also four places of worship for Wesleyan Methodists, Independents, and other dissenters, with attached Sunday-achools, providing religious instruction for between 400 and 500 children of both sexes. There is also an endowed school, for clothing and educating 30 boys. In 1839, a cotton-mill employed about 300 hands; it has, also, a large paper-mill; and the lead mines in the neighbouring hills employ about 150 hands. A museum of mineralogy, established h-rea few years ago, contains a great many valuable specimens of ore, &c., peculiar to this district. Visitors purchase considerable quantities of Derbyshire spar. But the chief dependence of the inhab. is on the supply of those

who come here during summer, to use the mineral waters; which are considered beneficial in cases of glandular affections, scrofula, billous disorders, pulmonary complaints, and diabetes. The springs, which first attracted notice, for their medicinal qualities, in 1698, when the first, or old bath, was built, are about 1½ m.S. of Matlock, on the W. bank of the river; and here are the hotels, libraries, and lodging-houses, to which the visiters chiefly resort. Other two springs have been discovered, each of which is now enclosed, with a handsome edifice, conveniently fitted up with baths and pump-rooms. The waters have a temperature of about 66° or 68° Fahr. and hold in solution only a small quantity of carbonate of waters have a temperature of about 00 of 00 or 1 and hold in solution only a small quantity of carbonate of lime, their specific gravity being less than that of ordinary water: it would hence appear, though having a lower temperature, greatly to resemble the Buxton and Bristol waters.

waters. The scenery of Matlock-dale is peculiarly picturesque and romantic, diversified with rugged beetling crage, strongly contrasted with the fine verdure of the valey; the most prominent objects being the High Tor and Masson Hill. The former rises almost perpendicularly about 300 ft., the upper half of which is a broad mass of naked brown rock, from which fragments often fall into the river which flows immediately below, obstructing the channel, and greatly increasing the impetuosity of the stream after heavy rains. Opposite the High Tor, but of a less bold, though loftler, character, is Masson Hill; on the summit of which are the heights of Abraham, rising about 750 ft. above the river, and not only overlooking the whole dale, but commanding an extensive looking the whole dale, but commanding an extensive prospect over a considerable part of Derbyshire. Wil-lersley Castle, the seat of Mr. Arkwright, son of the great founder of the cotton manufacture, stands on a commanding sminence E. of the Derwent. (Parl. Rep.; riv. Inform.)

Prie. Informa.)

MAUCHLINE, a neat village of Scotland, co. Ayr, on an eminence I m. N. from the river Ayr, 27 m. S. by W. Glasgow. Pop., in 1841, 1,336. The only public buildings are the par. church, Free church, and a chapel of the Associate Synod. It has a woollen mill, which employs about 25 hands: and hand-loom weaving and tambouring for the Glasgow manufacturers employ about 200 hands. It has also a manufacturer of beautifully jointed and varnished wooden snuff-boxes, similar to those made at Cumnock and Laurence Kirk. There are 4 schools in the town, of which 2 are endowed: 2 subscription libraries, and a saving' bank. The village of Catrine (1. 563.), is 3 m. S.E. from the town.

This place, trifling as it is, has been "married to immortal verse." Burns lived for nearly 9 years at the farm of Mossgiel, § m. N. of the village: and M. uchline was the birthplace of "bonnie Jean," and is the scene of two of his inimitable pooms, "The Jolly Beggars," and "The Holy Fair."

"The Holy Fair." MAULMEIN, a sea-port town of India beyond the Ganges, cap. British prov. Martaban, at the mouth of the great river Than-lueng, having N. the Birmese town of Martaban, on the opposite side of the river, and W. the Island of Balu, which serves as a the Birmese town of Martaban, on the opposite side of the river, and W. the island of Balu, which serves as a natural breakwater to defend the port from the heavy seas than would otherwise be thrown in from the W., 100 m. S. S. E. Rangoon, 27 m. N.N.E. Amherst; lat. 169 39 36" N., long, 370 35 6" E. It was founded so lat. lat. as 1825, when the site was selected by Sir A. Campbell, as eligible as well for a commercial as a military station. It is about 200 ft. above the level of the river, and extensive and fertile plains stretch eastwards from it towards the mountains. Its port is good, and, from its extensive command of internal navigation, it promises to become a considerable emporium. The principal articles of export of results of the principal articles of export of Pegu cutch, stic-lac, betcl-nut, ivory, cocca-nut, sapan wood, rice, &c. The imports consist principally of European cotton goods, and marine stores. The principal trade of the place has hitherto been carried on with Calcutta, Madras, Rangoon, and Plang; but, in 1837, a direct trade was commenced with London. Shipuliding is carried on to a considerable extent. We have no very recent accounts of the pop.; but, in 1848, it was estimated at 25,000. An English newspaper (the Massamin Free Press), from which we borrow the following details, is published once a week:

		Import	, 1847.							Export	s, 1847.				
Buropan goods Indian ditto China ditto Burmese ditto Rice and paddy Missellaneous	: :		:	:	139,298 59,199 71,743 182,010 350 304,997 707,598	8 0 0 0 10	0000	European goods Indian ditto China ditto Burmese ditto Rice and paddy Timber Misculaneous	Core	Re-	:	:	120,785 100,251 40,424 3,270 101,465 881,917 144,642 1,392,755	0 0 2 14 18	0500900

"The principal article of commerce at Manimain is teak timber, with which from 25 to 20 ships annually load for England. The quantity of teak exported to that country from 1840 to 1847, and its estimated official value,

Years.	No. of Tens.	Price per Ton.	Value.				
1840 1941 1942 1943 1843 1844 1845 1846	4,962 6,399 11,847 10,588 16,145 18,360 16,798 7,873	R4. 25 25 25 20 30 40 45 50	2,380 15,988 28,717 31,584 42,375 83,442 75,592 39,365				

"Maximatia is a free part, on the same florting as Singapore, &c.
There is no custom-house and no duties on enhorse peeds; but
firenge seare, and segar from Singapore and Malanca, is contrabale,
"The ceits in use are the Company's rapes and its subdivisions,
"The ceits in use are the Company's rapes and its subdivisions,
with the same as currean in Calcutta. The English soversign is generally
worth it rupess, and the Spenish dellar Rife rapess per 100 doils.
"The weights are the Madras vies organia to 5-055 lbs. a voirduppin,
or up 38 lbs.; in this there are 100 tiouls. The Bengal bazar mannel
of 87 lbs. is also occasionally used.
"The measures principally used are called baskrts; they are of
uncertain sim. A basket of cleaned rice is about 65 lbs. in weight;
of mixed, about 60 lbs.; paddy, 51 lbs.

"Ship-building is well adapted to the place, and some of the finest teak ships in the world have been built here. There are several dry docks, though not of a very efficient description, for repairing vessels. Her Majesty's government bought here, during 1847, upwards of 5,000 tons of teak for the royal dock-yards in England.

Eugland.

"The Tenasserim Provinces are about 5'0 m, long and 40 to 80 broad, forming an area of 30,000 sq. m. They extend from 17° 30' to 10° 10' between the parallels of longitude 97° 30' to 99° 20'. The population of the provinces exceeds 150,000. The towns of Tavoy and Mergui, to the southward of Maulmain, are the only other places of importance in the provinces. Their trade is confined to country craft. A constant intercourse is carried on between Maulmain and Rangoon of the commercial carried of the constant intercharge is carried on between assumant and hangoon (the commercial capital of Burmah), and a vessel arrives and departs from one port to the other almost da ly. "Maulmain is subject to Bengal in civil matters, and to Madras in military. It is ruled by a commissioner

to Madras in military. It is ruled by a commissioner and several assistants.

"From May to Sept. are the rainy months, and perhaps in no other part of the world does it pour down so vigorously. In the 4 months of July, August, September, and October, 195 inches of rain have been known to fail, of which 70 inches was in the single month of July. Notwithstanding this excessive moisture, the climate is exceedingly favourable to the European constitution, and is considered about the healthlest hais. The number of desth in an European resipean constitution, and is considered about the harmonic main. The number of deaths in an European regiment of 800 men averaged 3 per cent. per ann. in a range of 5 years." (Masimum Prec Press, 20th Oct.

MAURA (SANTA) (an. Leucas), one of the Ionian islands, off the W. coast of Greece, and separated from it only by a channel about 100 yards broad, and so shallow, as in some places to be fordable: 48 m. S. E. Corfu, sisings, off the W. coast of Greece, and separated from it only by a channel about 100 yards broad, and so shallow, as in some places to be fordable: 48 m. S. E. Corfu, and 7 m. N. Cephalonia, its cap. Amaxichi being in lat. 32° 50′ 15″ N., long. 20° 43′ E. Length, 23 m.; average breadth, 8 m. Area, about 180 sq. m. Pop., including treope, in 1836, 17,283. It is intersected by a chain of mountains, running N. and S. through its whole extent, and rising in some places to the height of 3,000 ft., whefice secondary ridges branch off in various directions, forming a few small valleys admitting cultivation; but most of the produce is raised on a narrow strip of land, stretching about 20 m. along the N. W. side of the island, and comprising the residences of the greater part of the pup. The soil is generally very scanty; and many parts of the surface exhibit nothing but bare rock, interspersed with small patches of verdure: indeed, only about 1.8th part of the surface is capable of cultivation. In the vallers, the soil is either alluvial, or a red loamy earth, tenaclous of moisture. There are no rivers; and though numerous torrents flow from the mountains during the winter months, their channels are quite dry in the summer. There is a winter lake, if we may so call it, about 6 m. S. of Amaxichi, in the bottom of a valley, surrounded by loity mountains, which dries in summer, and produces rich crops. At the S. end of the island is a shallow lagoon called the Venetian harbour, now rapidly filling up by the accumulation of sand and mud, the banks of which are said to be exceedingly unhealthy. The temperature of Santa Maura, like that of the other failands, is extremely variable: the thermometer in autunn often rising or falling 20° in 24 hours. In the valleys it seldom falls to the freezing point; but occasionally there is snow on the hills. The quantity of rain, and the seasons in which it falle, are much the same as in the adjacent islands. The low grounds are very un-

healthy; and fever usually prevails at Amaxichi during summer, attended with a mortality in some years of i in 19 of the pop.: indeed, most of the natives, except those ilving on the mountains, present a very sickly appearance. (Major Tulloch's Reports.) The quantity of corn raised in the island is barely sufficient for half the consumption of its inhab.; but wine, olive oil, and several sumption of its inhab; but wine, olive oil, and several varieties of fruit, are produced in great abundance. The sides of the hills afford excellent pasture, and are grazed by large numbers of sheep and goats. Game is plentiful, and bees form an object of rural economy. The saltpans near Amaxichi produce annually from 5,000 to 6,000 tons of basalt, which, as well as wine, oil, and coton, are the chief articles of export. The inhab are of Greek origin, and belong to the Greek church. Many of them are employed as fishermen and saliors; while others, especially at harvest season, cross to the neighbouring continent in quest of agricultural employment. It has several good ports, and some towns; but none is of any importance, except the cap. Amaxicm (which see).

ts of any importance, except the cap. Amazicai (which see).

The ancient Leucas once formed a part of the continent; for Homer expressly terms it Anriv Hauges, in opposition to Ithaca and Cephallenia. So late as the time of Thucydides, the Peloponnesian fleet was more than once conveyed across the isthmus; and Livy informs us, that it had its peninsular shape even in the Macedonian war. Leucadia, music insulact vadato freto quod perfossum manu est. ab Acarmania divisa, tum peninsulal erat occidentis regione arctis faucibus coherens Acarmania. Quingenlus ferme passus longa fauces peninstila erat occidentis regione arctis faucibus coherens Acarnanie. Quingentos ferme passus longa faucre crant: latae haud amplius centum et vignati. In his angustiis Leucus posita est, colli applicata verso in oriculem et Acarnamiam. (Hist. lib. xxvii. 17.) The cut here mentioned, called Dioryctus, was 3 stadia in length, and, in Strabo's time, was crossed by a bridge. The famous Leucadian promontory (now Cape Ducato) is a long ridge of white marble rocks, projecting S. about 2 m., terminating in a precipice 240 ft. high. It was surmounted by a temple of Apollo, and Virgil represents it as an object of dread to mariners:—

Mox et Leucetse nimbosa cacumina montis, Et formidatus nautis aperitur Apollo. #cs. iii. 274. but it is wholly indebted for its immortality of renown

The Lover's refuge, and the Lesbisn's gi

The Lowe's refuge, and the Lebelian's grave,
—the spot whence Sappho precipitated herself into the
ocean, resolved either to recover the affections of Pason,
or to die in the attempt. (See Ovidii Bpidi. Sappahe
Phaoni, lin. 185., &c.)
Not far from the promontory stood the very ancient
town of Nericum, mentioned by Homer as singulated
wordless, "a well-built city," and of which there are
still some small vestiges. The position of the ancient
Leucas is fixed by Livy in the above passage close to the
narrow strait which divides the island from Acarnanis;
and Dr. Holland mentions the ruins of an ancient town
about 9 m S. of Amaxichi, exhibiting the remains of

Leucas is fixed by Livy in the above passage close to the narrow strait which divides the island from Acarnania; and Dr. Holland mentions the ruins of an ancient town about 2 m. S. of Amaxichi, exhibiting the remains of massive old Greek walls, ascending a narrow ridge near the sea, and of numerous sepulchres, which appear among the vinepards covering its declivity. (Travels in Greece, p. 63) The modern history of Santa Maura is closely connected with that of the Ionian Islands generally; and to that article the reader is referred. (Holland, ii. 34; see also Dodoutit's Greece, i. 62, &c.)

MAURITIUS (THE), or ISLE OF FRANCE, an Island in the Indian Ocean, belonging to Great Britain, situated between 19° 58' and 30° 32' S. lat., and 57° 17' and 57° 46' E. long., from 70 to 80 m. N. E. the Isle Bourbon, and 500 m. E. Madagascar. It is an irregular oval; length, N.E. to S.W., about 36 m.; breath varying from 18 to 27 m. Area estimated at nearly 500,000 acres. Pop., in 1846, 161,089, of whom 49.3-5 were exapprentices (slaves) and their children, 56,245 Indian immigrants, and 1,627 military, sailors, &c. "From whatever quarter it is approached, the aspect is singularly abrupt and picturesque. The land rises rapidly from the coast to the interior, where it forms three chains of mountains, from 1,800 to 2,000 ft. in height, intersecting the country in different directions. Except towards the summit, these are generally covered with wood, and in many parts cleft into deep ravines, through which numerous rivulets find their way to the low grounds, and terminate in about 20 small rivers, by which the whole line of coast is well watered, from the foot of the mountains to the sea. Though, from its mountainous and rugged character, a great part of the interior is not available for any useful purpose, yet extensive plains, several leagues in circumference, are to be found in the high lands; and in the valleys, as well as along the coast most of the ground is well adapted either for the ordinary purposes of agriculture, or fo

parts, is exceedingly rich, consisting either of a black regetable mould, or a bed of stiff clay of considerable depth; occasionally the clay is found mixed with iron ore and the differs of volcanic rock. In the neighbourhood of Port Louis, and generally in the immediate vicinity of the sea, there is but a scanty covering of light friable soil over a rocky surface of coralline formation. The emancipation of the slaves in the Mauritius does not appear to have been nearly so prejudicial to agricultation of a few openings, through which vessels can approach the shore; and at these points the different situations; the windward (or S.E.) side enjoying a lower temperature by several descending amounted to \$5,795. It has been said, we know this lained in different situations; the windward (or S.E.) side enjoying a lower temperature by several descending the statement to be true, it would be easy to show that their part of the year.

8. B.) side enjoying a lower temperature by several degrees than the leeward (N.W.), owing to the cooling influence of the 8. E. breeze, which prevails during most part of the year.

"In so far as regards temperature, rain, physical aspect, and diversity of climate, this island exhibits a very striking resemblance to Janasica; though, being S. of the line, the seasons are reversed; summer extending from Oct. to April, and winter during the rest of the year. The principal rainy season is from the end of December to the beginning of April, but showers are frequent at all times. Hurricanes are of frequent occurrence, and create great devastation, with much loss of life; they principally occur in January, February, and March. So far as can be ascertained from the statistical returns of the island, the climate does not exert any prejudicial influence on the health of the white resident popp, though it is by no means favourable to the negro race." (Twiloch's Report on the Sickness, &c., of the Troops in W. Africa, &c., p. 3, 4. c.)

Previously to 1823, the sugar and other articles imported from the Mauritius into Great Britain were charged with the same duties that were laid on such articles when imported from India. But, at the epoch nov alluded to, the produce of the Mauritius was admitted into our markets at the same duties as W. Indian produce, which were then materially lower than those imposed on the produce of our Eastern possessions. This atteration of the duties gave a great stimulus to cultivation in the Mauritius, particularly to that of sugar, which has since been raised, to the almost total exclusion of codies, cotton, and indigo, that were previously produced in considerable quantities, the coffee especially being of excellent quality. Wheat and maize are raised in small quantities, with yams, manioc (introduced by the French), potatoes, benanas, and other vegetables. But the island is almost wholy indebted for its supplies of provisions to Hindostan, the Cape of Good Hope, Madagascar, the Isle de Bourb

Most part of the sugar produced in the island is sent to England, the imports thence into the U. K. having been, in 1847, 1,194,216 cwt., in 1848, 886,876 cwt., and in 1849, 898,599 cwt. But, in addition to the supplies sent to England, certain quantities are shipped for Australia, the Cape, and other places. The extraordinary extension of the sugar culture has diverted the attention of the planters from the culture of the other great colonial staples. The imports of coffee into the U. K. from the Mauritius, in 1848, amounted to only 48,979 lbs., and in 1849, they sunk to 1,649 lbs. I The exports of chony and pepper, though much fallen off, continue to be pretty considerable. The declared value of the exports from the U. K. to the Mauritius, in 1848, amounted to 169,3684, and in 1848 to 234,0224. Manufactured cottons are the great article of export; and next to them, but at 169,308L, and in 1849 to 234.072L. Manufactured cottons are the great article of export; and next to them, but at a great distance, are iron and steel, hardware and cutlery, beer and ale, apparel, slops, &c. Rice is a large article of import; it is brought, as well as a considerable quantity of wheat, principally from India. Provisions are imported partly from the Cape, and partly from Madaga-scar. Latterly, however, the blacks have been raising various articles of provisions on such patches of land as they have been able to acquire.

It is probable that the culture of sugar in the Manri-

and as they have been able to acquire.

It is probable that the culture of sugar in the Mauritius has attained to a maximum. Indeed, the presumption seems to be that, in future, it will decline rather than increase. We found this opinion partly and principally on the greater natural facilities enjoyed by India

ply of compulsory labour in the kisand.

The emancipation of the slaves in the Mauritius does not appear to have been nearly so projudicial to agriculture as in the W. Indies. This arose from the circumstance of its being comparatively easy to fill up the deficiency in the supply of labour caused by this measure by importations of hill-coolies and other Indians; and, in fact, very large numbers of them have been so introduced, the Indians in the colony, on the 31st August, 1849, having amounted to 55,796. It has been said, we know not how truly, that, despite the regulations under which the Indians have been introduced, they have been, in truth, little better than slaves. But, admitting this statement to be true, it would be easy to show that their condition has notwithstanding been materially improved. A few Chinese seitlers have, also, been introduced. The government is vested in a governor, with a salary of 7,000% a year, and a colonial legislative council, subordinate to the orders of the sovereign in council. The governor is aided in his duties by an executive council, composed of the military officer second in command, the colonial secretary, and the advocate-general. The legislative council is composed of 15 members, 7 of whoms hold no official situation. Justice is administered in a supreme civil and criminal court, with three judges, a servey court, from which there is no appeal, and such other minor courts as the governor may see fit. Several provisions of the old French law continue in force. The

petty court, from which there is no appeal, and such other minor courts as the governor may see fit. Several provisions of the old French law continue in force. The troops employed in the island amounted, in 1847, to 1,861 rank and file. The public revenue, in 1847, amounted to 371,3334, and the internal colonial expenditure to 289,1942, leaving a surplus of about 72,0002, which was to be paid over in aid of the expenditure incurred in Great Britain, in the same year, on account of the colony. The greater portion of the revenue is derived from the customs' duties received at Port Louis. Louis.

Louis.

Port Louis, or N.W. port, the cap, and seat of government, is ou the N.W. side of the island, in ist. 20°9 6" S., long. 57° 28' 41" E. Pop. 35,000. It is situated at the bottom of a triangular bay, the entrance to which is rather difficult. Every vessel approaching the harbour must boist her flag and fire 2 guns; if in the night, a light must be shown, when a pilot comes on board, and steers the ship to the entrance of the port. It is a very convenient port for careening and repairing, but provisions of all sorts are dear. In the hurricane months, the anchorage of Port Louis is not good, and it can then only accommodate a few vessels. The streets are tolerably regular; but the houses are low, and are principally built of wood. It has extensive, but generally very filthy suburbs. It suffered severely from fire in 1816, and from the cholera in 1819. The from fire in 1816, and from the cholers in 1819. The town and harbour are pretty strongly fortified. At the W. extremity of the town are some extensive and commodious barracks; and about § m. distant is the hospital, on a peninsula of coral rock, jutting into the sea. Mahébourg, in a healthy situation on the S.E. coset, with an excellent harbour, was opened to ships from distant countries in 1836.

on a pennsuan ot corai rock, jutting mio itse sea. Mashbourg, in a healthy situation on the S.E. coest, with an
excellent harbour, was opened to ships from distant
countries in 1836.

The Mauritius has numerous small dependencies between lat. 3º and 20° S., and long. 50° and 70° E. Thechief of these are the Seychelles islands, between lat. 4° and 5°, about 930 m. N. from the Mauritius; one of which,
Mahé. is 16 m. long, by from 3 to 4 m. broad; fertile,
well-watered, very healthy, and having a pop. of about
7.000. Mahé, its chief town, has on its N.E. side about
100 wooden houses, and a garrison of 30 men.
The Mauritius was discovered, in 1506, by the Portuguese. The Dutch took possession of it in 1596, and named
it Mauritius, in honour of Prince Maurice. They made a
settlement in it in 1644, which, however, they abandonced
arry in the next century. The French having, in 1657,
occupied Bourbon, sent occasional settlers to the Mauritius, and, on its evacuation by the Dutch, they estabilished a regular colony in the island in 1715, of which,
however, they did not take formal possession till 1731.
But the real founder of this important settlement was
the justly celebrated M. de is Bourdonnaye, appointed
governor in 1734. The Isle de France had hitherto
been neglected for that of Bourbon, and was, at the
having of the new governor, in the most impovershed
and disordered state imaginable. But M. de la Bourdonnaye immediately perceived the importance of the
land, which its two excellent harbours rendered of the
greatest consequence to any European power having,
or wishing to have, possessions in India; and he set
about its improvement with a zeal, sagacity, and success that have rarely been equalled, and never surpassed. Besides settending the culture of the sugar
cane, coffee, cotton, and indigo, he introduced the manice from S. Amwirca, and cinnamon, cloves, pepper,
&c., from the Dutch islands; though the latter, with
the exception of cieves, have not answered his expectations. He fixed the se

These are French its., and are about 8 per cent. heavier then

which he may be said to have created as well as forti-fied: and constructed numerous roads, aqueducts, and other useful public works. His administration continued of the property of the country, and rendered it per the whole aspect of the country, and rendered it per property and rendered it per property and rendered it property. only for 11 ye change the whole aspect of the country, and rendered it a most prosperous and valuable colony. 8 New after the possessions of France in India had all fallen into our hands, the Mauritius continued to be of importance to her, and proved how justly M. de la Bourdonnaye had appreciated its capabilities as a naval station. It was estimated that, during the first 10 years of last war, the value of the British ships captured by privateers and other cruisers from the Mauritius amounted to 3,00,000. At length, a formidable armament being sent against it in 1810, it surrendered to our arms, and was definitively coded to us in 1813.

At length, a fortunation of in 1810, its surrendered to our arms, and was definitively coded to us in 1815.

Every body knows that this island is the scene of St.

Pierre's intuitable tale of Paul and Virginia. The wreck of the St. Geran, so striking and affecting an incident in the story, is a real event, which took place on the 18th of August, 1744. (See Absumed of Ille Massice pour 1871; and Parl. Paperz.)

MAY BOLE. a bor. of barony and market-town of Scotland, co. Ayr, distr. Carrick, of which it is the cap, on the slope of a hill with a S. exposure, 8 m. S. Ayr, and 38 m. S. by W. Glasgow. Pop. of par. in 1841, 7.037. The town consists mainly of an antique well-built street, interspersed with numerous modern buildings. The superiority of the old houses is owing to Maybole having been, in ancient times, the town residence of the aristocracy of Carrick; and the remains of sundry baronial manasions are still more or less entire. Of these the most cracy of Carrick; and the remains of sundry baronial mansions are still more or less entire. Of these the most imposing is "the Castle," once occupied by the Earls of Castilis, ancestors of the Marquis of Alisa, and now (1890) by the factor of the latter. It has recently been completely repaired and renovated. The bor, has a parcharch, a Free do, and a U. Preshyterian chapel. Handhous weaving, in connection with Glasgow, is extensively carried on, employing from 600 to 800 hands. The weavers are mostly livish; boys and females engage in the work, and perpetuate the poverty inexparable from the besience. A weekly market is held in the town; and it has 2 branch banks, and a savings' bank. The parish school and the other schools bear a good character. There are 2 subscription and 2 circulating libraries. The assessment for the poor amounted, in 1847, to 600t. Some of the best farming in Scotland may be seen in the vicinity of Maybole, especially on the estate of Mr. Kennedy of Drammedian.

the best farming in Scotland may be seen in the vicinity of Raybole, especially on the estate of Mr. Kennedy of Prummedian.

Maybole, being the csp. of the bailiery of Carrick, was the seat of the courts of the district previously to the shelition of hereditary jurisdictions in 1747. The remains of Crossraguel Abbey are situated near the town, on the W. A celebrated disputation, which lasted three days, between Quintin Kennedy, one of its abbots, and John Knox, took place, in 1861, in a house in Maybole, now "the Red Lion lnn;" it is needless to add, that it ended, as is universally the case with each disputes, in a drawn battle, each party claiming the victory, and conceiving that he had demolished his antagonist. (M'Crie's John Knox, p. 241. ed. 1893; New Baitetical Account of Sections and Agravity, p. 345.)

MAYENNE, a dep. of Prance, reg. N.W., formerly comprised in the prov. of Maine; between lat. 470 49 and 480 347 N, and long 09 5 and 19 20 W, having N. Manche and Orne, E. Sarthe, S. Maine-et-Loire, and W. lile-et-Vilaine. Length, N. to S., 55 m.; average breadth about 30 m. Area, 514,868 hectares. Pop. (1846) 288,439. A mountain chain, though of no great height, beends Mayeune to the N., from which two ranges critic best of the S., one forming the E., and the other a part of the W. boundary of the dep.. It slopes gradually from N. S., in which direction it is intersected near its centre by its principal river the Mayenne. The latter rises in the dep. of Orne, about 12 m. W. Alesgon, running at first S. W., and afterwards generally S., through the deps. of Mayenne and Maine-et-Loire; in the last of which, after receiving the Sarthe and Loire, after an entire course of nearly 130 m. (See also Mains-structure). Mayenne, Laval, Château-Gouleir, and Angersare on its banks. There are numerous small lakes in this dep. In 1834 k was supposed to comprise 344,396 hectares of arable land; 69,220 do. pasture; 58,279 do. woods; and 194,590 do. beaths, wastes, &c. More corn is grown than is required for home consumpt Some inferior wine is produced, but in small quantities only. Flax, hemp, chesnuts, and some other fruits,

The signal services rendered by M. de la Bourdonaaye here and is India met with a most ungrarful return. On his return to Prance, in 1745, he was thrown into the Bastile, where he was insured for more than three years, without, as it turned out, there shough the amalised foundation for may one of the cherges made against him: He died, the victim of this disgrareful treatment, in 730. (See Bayergahle Underreids, sar. Hade de la Bourdonaeys.)

MAYNOOTH.

are the other principal products. Property is very much subdivided; and many of the farms, or rather patches called closeries, are so very small that they do not admit of the use of the plough, and are cultivated by the spade only! In 1838, of 85,803 properties subject to the constribution forecity. 71,137 were assessed at least than 5 fr., 13,009 at from 5 to 10 fr., and 13,231 at from 10 to 30 fr., and only 17 were assessed at 1,000 fr. or apwards. We need not, therefore, be surprised to learn that the occupiers are generally destitute of either capital or enterprise, and strongly attached to routine practices. In 1830, there were about 21,40,00 head of cattle and 144,000 sheep in the dep.; the produce of wool being estimated at 178,000 kilogr. a year. The woods yield excellent timber, a good deal of which is appropriated to ship-building. Some extensive manufactures of linen stuff, and yarn were formerly established at Laval and Château-Gontier. But though these have fallen off, the linen and cotton fabrics, including printed handkerchiefs, &c., of the dep., atill enjoy a high reputation. The iron trade of Mayenne is of considerable importance; and it also furnishes superior paper. It is divided into 3 arronds.; chief towns, Lava: the cap., Mayenne, and Château-Gontier. Total public revenue (1840, 7,808,863 fr. (Hage, art. Mayenne; Qfficial Tables.)

MAYENNE, a town of France, in the above dep., cap. arrond., on both sides the Mayenne, Is m. N. N. E. Laval, Pop., (1846) 8,970. The town-proper stands on the right, or W., bank of the river; the portion on the opposite bank, though comprising a third of the entire pop., being only a suburb. They are connected by a bridge. This is an iil built town; its streets are steep, irregular, and incourrenets, and its house old and odd-looking.

Mayenne has a ruined castle, two par. churches, two hospitals, a good town-hall, &c.; and samufactures of linen and cotton fabrics; the former of which has, however, greatly declined of late years, while the later has i

hospitals, a good town-hall, &c.; and manufactures of linen and cotton fabrics; the former of which has, hewever, greatly deciliord of late years, while the latter has increased. (Hago, art. Maycame; Guide du Foyageur.).

MAYN, or MAIN, a river of central Germany, which has its source in Bavaria. It is formed by the union, about \$4 m. N.W. Bayreuth, of the White and Rad Mayn; the former rising in the Fitchtelberg, and the latter in the Frankenjura, about \$8 m. S. R. Bayreuth. The resulting river flows, with a gentle current, generally W., but with a very tortuous course; first traversing the circles of Upper and Lower Francosia, in Bavaria, them dividing Hesse-Cassel and Nassau, on the N., from Hesse-Darmstadt, on the S., and intersecting the territory of Frankfort; till it ultimately falls into the Rhine, nearly opposite blents, after an entire course of about 230 m. Though shallow, it is of equal depth, and is navigable throughout 7-sths of Ke extent, as far as the confluence of the Regultz, near Bamberg. The Mayn is of considerable importance as a means of traffic; and Frankfort, especially, owes all its consequence, as a commercial city, to this river. But few rivers, at least in civilised countries, presenting such facilities for improvement, have been more neglected; and, in addition to other inconveniences, the number and amount of the tolls levied on the Mayn oppose serious obstacles to its navigation. A vessel, in passing from the Rhine to Werthelm, in Badesh, has to pay tolls amounting to 28 kreutzers per cwt., or 14e. a ton, besides fees, &c. A commission has, however, been recently appointed, for examining the state of the river, and instroducing some improvements. The Mayn will, probably, at no distant provided in the Mayn oppose serious obstacles to its navigation. A vessel, in passing from the Rhine and the Danube; a canal having been already commenced from a part of the line connecting the Rhine and the Danube; a canal having been already commenced from a part of the line of the Regults. Besides

ence to the tenets, discipline, or authority of the Romish charch. These important matters are entrusted to the care of the elected visitors, who must be members (and usually dignitaries) of the Roman Catholic church. The chief functionaries of the establishment are the president, vice-president, and doesns; besides whom, there are 3 professors of Divinity, and 7 others, giving instruction in various branches of literature and science. The number of students, on the first opening of the classes, in 1795, amounted only to 50; but it has since progressively increased to 450, to which it was limited, by the inadequacy of its funds, to admit of further augmentation. gressively increased to 450, to which it was limited, by the inadequacy of its funds, to admit of further sugmentation. But under the new regulations provision is made for 520 students. These are to be comprised, 250 in four junior classes, and 250 in three senior do., with a class of 20 superior students, who each derive, exclusive of other allowances, am income of 55L a year from a fund left by a Lord Dunboyne for that purpose. The funds for defraying the expense of the establishment were derived, previously to 1845, from an annual parliamentary grant (usually of 8,938.), and from bequests and fees. These, however, were quite insufficient for the proper support previously to 1845, from an annual parliamentary grant (usually of 8,2924.), and from bequests and fees. These, however, were quite insufficient for the proper support of an institution having to provide for the education of the Catholic clergy of Ireland. The salaries of the professors and the accommodations of the students were alike inadequate and paltry; while, despite this miserable economy, the institution was getting into debt, and the number of pupils was unequal to the wants of the priesthod. It is needless to say that the consequences of such a state of things were most prejudicial to the public interests; and to obviate these, and to place the institution on a footing more suitable to its important object, the annual parliamentary grant (of 8,928.) was changed in 1845 to a permanent grant of 28,560t. a year, a sum of 10,00% being, at the same time, voted for the repair and enlargement of the buildings and library. The trustees of the college have been also authorized to hold such land and other fixed property as may be left for its behoof, up to the value of 3,000t a year.

In consequence of this liberal addition to its funds, the moluments of the professors, and the education and

land and other fixed property as may be left for its behoof, up to the value of 3,0002, a year.

In consequence of this liberal addition to its funds, the emoluments of the professors, and the education and accommodation of the pupils, have been materially improved; so that the most beneficial effects may be expected to result from the measure,—directly, by the greater allurements it holds out to professors of superior merit and attainments to enter the college; and indirectly, by the grateful sense which they and the pupils cannot but feel, of the liberality and munificence of the government. Hitherto the students have belonged, with but few exceptions, to the middle and lower classes of R. Catholic farmers and occupiers. Public examinations are held twice a year. The site of the establishment is a tract of 54 acres, adjoining the town; and the buildings, which form three sides of a quadrangle, comprise a chapel, refectory, library, lecture-rooms, dormitories, and professors' residences. The library contains about 10,000 vois, chiefiy on theological subjects.

There certainly has been much to object to in the course of education that has been followed at Maynooth, and the priests which it has sent forth have, for the most part, contrasted very unfavourably with those educated at foreign seminates. We, however, are inclined to think that this untoward state of things has been principally ascribable to the poverty and destitution in which the college was so long permitted to languish. Its professorships could be no object to men of ability; and the teachers and students must have been equally disgusted when they compared the pittance allowed them by the state, with the vast sums lavished on the established church, though supplying only the wants of a small minority of the population. But a great change for the better may be now fairly anticipated. The new endowments will make chairs in Maynooth be sought after by men of superior attainments; while the better education, and the greater comfort in which the studen

connection. Considering that Maynooth had received an annual grant of nearly 9,000% a year since its foundation in 1793, the intolerant opposition made to the wise and liberal measure of 1845 could hardly have been anticipated. Happity, however, it was not allowed to thwart its success, which was important not on its own account merely,

cess, which was important not on its own account merely, but also as being (as we trust is the case) the first step towards that endowment of the Catholic clergy of Ireland, which is, in all respects, so indispensable to the well being of the country.

MAYO, a martt. co. of Ireland, prov. Connaught; of which it occupies the N.W. portion; baving N. and W. the Atlantic, E. Sligo and Roscommon, and S. Galway. Area, 1,358,048 acres; of which 426,134 are unimproved mountain and bog, and 87,940 water, consisting principally of Loughs Mask, Conn. Carra, &c. The coast-line is extremely irregular, from its being more deeply indented with bays and arms of the sea than any other

mazan Deran.

part of Ireland. On the W. It is feaced with numerous islanda, and it has several fine harbours, of which, however, very little use is made. It has every variety of surface, rising, in parta, into high mountains and rugged wastes; but comprising, also, a large extent of comparatively flat and fer-like land. The substratum is generally ilmestone; and, from the thinness of the soil and the humidity and mildness of the climate, it is better suited for grazing than for tillage. Property in a few hands. There were formerly some very extensive grazing farms in this co., but their number and sise have been very greatly diminushed within the last half century. Land being here indispensable to existence, the competition for small patches is quite intense; and it is said that any amount of rent that may be asked is sure to be promised I it was formerly usual to let land on the village, or partnership, system; but of late years this practice has lucklily been getting into disease. Unfortunately, however, the con-acre system seems to be rapidly extending; and this is, if possible, worse than the other. (See saste, 9.40.) If the ground be very rich it is usual, on this system, to begin by planting potatoes on the grass; but the far more common practice is to prepare for potatoes by paring and burning the surface and spre ding out the saste as manure. Hence, nowithstanding the increase of cultivation, the condution of the land, and of the great bulk of the occupiers of land, has deteriorated, and its as bad as possible. Average rent of land 6s. life per imp. acre; but the best grazing lands fetch above 40s. per Irish acre, Iron used to be made in this co; the works have, however, been long abandoned, on account of the want of fuel. It has, also, some valuable slate quarries; but its mineral riches have been but very imperfectly explored. The linen manufacture, which had been pretty widely diffused, has materially declined, and its mineral riches have been but very imperfectly explored. The linen manufacture, wh and westport. mayo is divided into y baronies and asparishes. It sends 2 mems. to the H. of C., both for the co. Registered electors, in 1849-50, 1,014. In 1841, Mayo had 68,425 inhabited houses, 70,910 families, and 384,97 inhab., of whom 194,198 were males, and 194,689

384'97 Inhab., of whom 194,196 were males, and 194,689 females.

MAZAMET, a town of France, dep. Tarn, cap. canton the Arnette. a tributary of the Tarn, 32 m. S.S.E. Albi. Pop. 1846, 6,626. Its pop. and prosperity are increasing; it has some manufactures of woolen cloth; several dyeing establishments and paper-mills, and considerable annual fairs for cattle, wool, &c.

MAZANDERAN, a prov. in the N. of Persia (an. a part of Hyrcamia.) separated from Irak-Adjemi by the Othyridge of Elburg, and bounded N. by the Caspian Sea, E. by Khorassan, and W. by Ghilan. Length from W. to E., 200 m.; average breadth, 50 m.; area 10,000 sq. m. Pop. 180,000 (exclusive of the nonad tribes of the prov. are mountainous, abounding with oak timber and full of swamps; but the valleys are fertile, producing the finest rice in vast quantities. Besides many smaller streams, the Mazanderan has two principal rivers, both having their sources in the Elburz mountains, and falling into the Caspian Sea. With respect to temperature, the former being that of the flat country near the sea, and the latter that of the mountain region; in all parts, however, the climate is extremely variable with respect both temperature and moisture. (Praser: Caspian Sea, p. 48.) Winter and spring are the healthiest seasons; for during the summer and autunnal heats, such exhalations arise from the fens and marshes overspreading this part of Persia, as to render the air most insalubrious, Agues and dropsies, rheumatism and eye diseases, are this part of Persia, as to render the air most insalubrious. Agues and dropsies, rheumatism and eye diseases, are the prevalent disorders, and the natives have generally a sallow and bloated appearance. Heavy rains fail in Oct., Nov., and Dec.: snow also fails, but never lies long on the ground; and in spring the rivers almost invariably overflow. The cultivation of rice is the most important beauth of activatives of contractions and the state of the state the grounn; see "The cultivation of rice is the most important branch of agriculture. Cotton and sugar, also, are raised; but the canes are small, and the produce is dark, moist, and of very inferior quality. Tobacco does not succeed, nor is oplum much cultivated, though the poppy amount of the property of the produce of the property of the property of the produce succeed, nor is optim much cultivated, though the poppy grows abundantly. Barley is sown occasionally in spring as a green crop for horses and cattle; it is cut about the middle of May, after which the ground is ploughed, and planted with rics. Wheat is little cultivated, and is of bad quality; but excellent flour is imported from Astrakhan. Unhusked rice is used as dry food for horses and mules. Silk was formerly raised only in small quantities, but it appears that since the government monopoly ceased some few years ago, more attention has been paid to it, and its price has failen. The trade of the prov. is chiefly with Russia in rice, silk, and cotton, which it exchanges for silk, cotton, and woollen fabrica, corn, tobacco, cultery, &c.

tobacco, cutlery, &c.

The inhabs, are described as "vain, ignorant, and arrogant, considering themselves as persons of mighty im-

portance, superior to all strangers. Their ignorance of every thing beyond their own prov. is profound to a degree hardly credible. Their bigotry in religious matters is excessive, though chiefly confined to forms; for there are few who do not transgress every article of inhibition: all of them drink strong liquors and eat opium." In their appearance and dress they greatly resemble other Persians, but swarthy and almost black men are of more frequent occurrence than elsewhere. men are of more frequent occurrence than elsewhere.
The natives are regarded as the most warlike of the
Persians; and, in the time of Timour Bec, they defended their retreats and castles with so much courage and shifty, as to secure their independence. This prov. is also said to have been the grand seat of the war between the Sefeed Deeve (or White Demon) and Rustom, prince of Zablestan; and the relief of his sovereign, who had been besieged in the city of Masanderan, is one

tom, prince of Zablestan; and the relief of his sovereign, who had been besieged in the city of Mazanderan, is one of the most glorious exploits recorded in the life of the Persian hero. The chief cities are Sari, Balfrosh, Ferrabad, and Amul. Most of the towns and villages are open, well built, and delightfully situated either on verdant hills or in fertile and well-watered valleys. Among the numerous public works of Shah Abbas the Great, is a magnificent causeway of great length, running nearly parallel to the Caspian. The pavement, even now, is perfect in many places, though it has hardly ever been repaired. In some places it is above 20 yards wide, with ditches on each side; and on it are many pridyes, under which the water is couveyed to the rice-fields. (Fraser's Tras. on the Shores of the Caspian; Kinser's Rc.)

MAZZARA (an. Emporium. or Massars), a sea-port town of Sicily, on its W. coast, intend. Trapani, cap. distr., on the Salemi (an. Mazzara), at its mouth, lin. S.E. Marsaia, lat. 379 39 56' N.; long. 192 24' E. Pop., in 1831, 8,365. It is surrounded by an old wall of Saracenic construction, flanked by small square towers, and has an old ruinous castle at its S.W. angle. The domes of its churches give Mazzara an imposing aspect from the sea; but the contrast, on entering the town, is no less striking. The streets are narrow, unpaved, filthy, and swarm with pigs: the public buildings, for civil purposes, are large, heavy, and mean; and those for esclesiastical purposes, being very numerous, we need not wonder that it should have become a common saying, "that every house in Mazzara has a priest and a pig;" the latter being by far the more useful animal of the not wonder that it should have become a common saying, "that every house in Massara has a priest and a pig;" the latter being by far the more useful animal of the two. The principal square has a singular appearance, from the antiquated style of its architecture; probably of the 11th century, from its having an equestrian statue of Count Roger destroying a Saracen, over the cathedral gate. Besides the cathedral, an edifice, remarkable for its fine cupola, the principal buildings in this square are the bishop's palace, the senate-house, and the residence of Count Gazziri. "In the cathedral north are preserved three sarconhair the finest of them and the residence of Count Gazziri. "In the cathedral porch are preserved three sarcophagi; the finest of them bears a bas-relief, representing the battle of the Amazons; the second, the rape of Proserpine; the third, and most inferior, the Calydon hunt. At the convent of St. Michael is a Roman tomb, and some marble inscriptions; these, with a small collection of Punic, Saracenic, and Roman coins, are nearly the sum of the antique remains. Nor are there any modern specimens of the fine arts." (Smythe's Sicily, 226.) Mazzara has an hospital, a college, and a theatre. Its port, which now, as an antiquity, is formed by the mouth of the river Salemi, is convenient enough for boats and small craft, but larger vessels are obliged to anchor in an exposed roadstead, in from 8 to 10 fathoms water. The entrance of the port is ornamented by a statue of St. Vitus, the tutelary saint of the town, in whose honour a featival is held here in August. Notwithstanding the badness of its port, Mazzara enjoys a considerable trade. It has a carricain August. Notwithstanding the manness of its port, Massara enjoys a considerable trade. It has a carrica-sore, for the warehousing of corn, of which it exports considerable quantities; and it also exports pulse, wine, fruit, fish, barilla, madder, oil, and soap. (Smyth's Sicily,

Truit, 18th, barilla, madder, oil, and soap. (***myta's sicily, 234—238, &c.)

Massara, or Emporium, was taken by storm by Hannibal, previously to his commencing the siege of Selinus; but it does not appear to have been a place of much importance in antiquity. There can, however, be no doubt, were Sicily aubject to a vigorous and enlightened go-

were Sicily subject to a vigorous and enlightened government, capable of developing its gigantic resources, that Mazzara would rise to very considerable distinction as a shipping port. It was here that the Saracens landed when they invaded and conquered Sicily. (Smythe, whis supra; Ancient Universal History, xvil. 360. 8vo. ed.; Hoare's Classical Tour, &c., i. 75—77.)

An extraordinary phenomenon, called the Marobra, being a violent agitation of the sea, is witnessed on this part of the Sicilian coast. "Its approach is announced by a stillness in the atmosphere, and a lurid sky; when suddenly the water rises nearly 2ft. above its usual level, and rushes into the creeks with amazing rapidity; but, in a few minutes, recedes again with equal velocity, disturbing the mud, and occasioning a noisome effluvia: during its continuance, the fish float quite helpless on the turbid

surface, and are easily taken. These rapid changes generally continue from half an hour to upwards of two hours, and are succeeded by a breese from the S., which quickly increases to heavy gusts." Captain Smyth has some speculations as to the cause of this singular

has some speculations as to the cause of this singular phenomenon, for which we beg to refer to his work. (Snuthe's Sicily, pp. 224—228.)

MEATH, a mark: co. of Ireland, on its E. coast, prov. Leinster, having N. the cos. of Louth, Monaghan, and Cavan, W. Westmeath, S. King's Co. and Kildare, and R. Dublin and the Irish Sea. Area, 567,127 acres, of which only about 5,600 are said to be unimproved or mark. Suchas marks flat or such saidship unsulpities. Cavah, W. westmeath, S. King's Co. and Ridare, and R. Dublin and the Irish Sea. Area, 567,17 acres, of which only about 5,500 are said to be unimproved or waste. Surface mostly fast, or only slightly undulating; soil, clay or loam, on limestone or gravel, and generally very fertile. Grazing used formerly to be the principal occupation; but, since the close of the American war, tillage has been gradually extending, and is now spread over more than 4-5ths of the co. Notwithstanding the richness of the soil, and the favourable situation of Meath, the state of agriculture, and of the great bulk of the occupiers, are alike bad. A rotation of crops is only beginning to be introduced; corn frequently follows corn for a long series of years; when fallows do occur, they are in general wretchedly executed, so that the land is in general foul and in bad order. Latterly, however, a better system has begun to make its way into the co., and the stock and implements of husbandry have been a good deal ameliorated. Even the better sort of farmers are, for the most part, very badly lodged; and the cabins of the cottlers and labourers are in the last degree filthy and wretched. Potatoes constitute § of the food of the bulk of the people; catmeal and churned milk are sometimes added, but they rarely taste butchers'-meat, the pig being usually sold to assist in paying the rent. There are some large estates; but property is better divided than in most Irish cos. Tiliage farms vary from 5 to 50, and some few extend to 100 acres. Average rent of land, 18s. an acre, which is higher than that of any other Irish and 176,826 inhab., of whom 88,993 were males, and 87,833 females.

MEAUX (an. Jatinam. afterwards Meldi), a town of

176,826 inhab., of whom 88,993 were males, and 87,833 females. MEAUX (an. Jatinum, afterwards Meldi), a town of France, dep. Scine-et-Marne, cap. arrond., on both sides the Marne, which is here crossed by an old stone bridge, 24 m. E.N. E. Paris. Pop., in 1846, 7.774. It is pleasantly situated, and is tolerably well built. Its ramparts have been laid out in public walks; and it has some good promenades along the river, and a spacious public square. The cathedral, one of the most remarkable Gothic edices in France, was begun in 1822, but not finished till the 16th century: it is 328 ft. in length, 137 ft. in breadth; the height of its vault being 150 ft., and that of its tower 213 ft. Its choir and sanctuary are extremely elegant; but it derives its chief interest from its containing the remains and monument of Bossuet; who, having been raised to the bishopric of Meaux in 1691, continued in possessaion of the see till his death, in 1704. The controversial writings of this great glory of the Gallican church display extraordinary learning and acuteness; but it is to his Discours see Thistoire Universelle, and his Orations Fundbers, that he is mainly indebted for his imperishable renown. Exclusive of the cathedral, the public buildings comprise the episcopal palace, in which is the writing-table of Bossuet, a public library, with 14,000 vols., the college, town-hall, theatre, two asylums, a Protestant and two par. churches, and cavalry barracks. Meaux has manufactures of cotton stuffs, earthenware, and glue. Numerous flour-mills are constructed on the Marne. the produce of which is sent to Paris, and the

Protestant and two par, churches, and cavalry barracka. Meaux has manufactures of cotton stuffs, earthenware, and glue. Numerous flour-mills are constructed on the Marne, the produce of which is sent to Paris, and the town has a good deal of trade in this and other articles of farm produce: its traffic is greatly facilitated by the canals of Ourcy and Cornilion. Meaux is very ancient: it was made a bishopric in 375; was twice sacked by the Normans in the ninth century; and was annexed to the French crown by Philippe-le-Bel. The French Protestants first preached publicly in this town, and it was the first to abandon the league, and submit to Henry IV. (Hugo, art. Scine-ct-Marne, 4c.)

MECCA, one of the most famous cities of the eastern world, the birth-place of Mohammed, and the great centre of attraction to all the pilgrims or hadjis of the Mohammedan faith, in Arabia, prov. El-Hedjas, 51 m. E. from the port of Djidda (which see), on the Red Sea, and 370 m. S. by E. Mediua; las 210 29 177 N., long, 400 16 E. Pop. 28,000. ? This celebrated city, which, being forbidden ground to Christians, was known to Europeans only through indirect and suspicious information from Mohammedans or African renegades, was a few years ago visited, in disquise, by Burchardt; who has given a very full though rather tedious description of the localities, climate, inhabitants, government, religious ceremonies, and pilgrim visiters, not only of this city, but also of Medina (which see). Mecca

MECCA.

(literally meaning "the place of assembly," but pompously entitled by the Araba Om-el-Kora, "mother of towns," and Beled-al-dimeys, "region of the faith-ful,") stands in a long, narrow, barren, sandy valley, running N. and S., called in the Koran "the valley running N. and S., called in the Koran "the valley without seeds." It is a straggling town, nearly 2m. in length, but nowhere more than about 600 paces in breadth; the streets, which are irregular, unpaved, and dusty, are generally wider than those of other eastern cities. The handsomest entrance is from Djidda, the S. W. outstress compraine some of the best houses; the dusty, are generally wider than those of other eastern cities. The handsomest entrance is from Djildia, the S. W. quarters comprising some of the best houses; but on the other side of the great mosque, which is the nucleus of Mecca, there are 3 or 4 other good streets; the best of which, perhaps, is the Mesaa, the great resort of the Turkish pligrims, and the noisiest, as well as most frequented, part of the town. "Indeed," says Burckhardt, "the Mesaa resembles a Constantinopolitan bazaar. Many shops are kept by Turks from Europe and Asia Minor, for the sale of swords, watches, copies of the Koran, and second-hand Turkish dresses; and there are numerous venders of pies, sweetmeats, &c. Here, too, are numerous coffee-houses, crowded during the Hadj from 3 in the morning till 11 at night; barbers shops, auction rooms, &c. W. of the Mesaa branches off a street called Soucyas, or the Little Market, which though narrow, is the neatest street in Mecca, being regularly cleaned and sprinkled with water. Here the rich india merchants offer for sale their piece-goods, Cashmere shawls, muslins, perfumes, Mecca balsam, aloswood, civet, &c., strings of coral, necklaces of carnelian, seal-rings, and various kinds of China ware, and Abysinian slaves. In fact, the Soucyga, being the coolest spot in the town during mid-day, is on that account the most frequented; and here all the gentlemen-hadjis take their morning and evening lounge, smoke their pipes, and here are tell the news." (Burckhardt's strabia, 1212—219.) _119.)

their morning and evening lounge, smoke their pipes, and hear or tell the news." (Burckhardt's árabia, 1. 212—219).

The quarter called Shamye is likewise well built, being chiefly inhabited by merchants or olemas (clergy) attached to the mosque, and frequented at the pilgrimine by merchants from Damascus; in whose shops are found silks, cambrics, gold and allver thread, hand-kerchiefs, carpets, dried fruits, pistachios, &c. Nearthose last mentioned, also, is another respectably-built quarter, called Garara, inhabited by some of the wealthlest native merchants. These are certainly the best parts of the town, comprising lofty stome houses, often 3 stories high, surmounted by handsome terraces, and (what is unusual in eastern towns) having rows of windows fronting the streets. The town, however, is not lighted, is scantily supplied with water, and contains many quarters, which, in filth and closeness, might vie with the dirtiest parts of Constantinople. Though once wailed on 3 sides, Mecca is at present entirely open; but the neighbouring mountains are sufficiently high to form a tolerably strong barrier against an enemy; and on the rising ground S. of the city stands the great castle, a massive square structure, with thick walls and solid towers, comprising a bomb-proof magasine, a reservoir for water, and accommodation for 1,000 men. With this exception, Mecca may be said to be almost destitute of public buildings; for the houses belonging to the sherifit, though handsome, are merely private, and not large dwellings, and the merchouses or lodgings for pilgrims. This circumstance is, no doubt, attributable to the veneration of the people for their boly house, and this feeling prevents them from recting any structure which might seem to rival the great object of their affection.

The Beinsulak, otherwise called Bi Harsom, the chief giory of Mecca, and the resort of every pious Mussulman who regards the injunction of the Koran*, is a building by no means remarkable either for size or beauty; standing on low ground

seen, and the colombases are very clumsily paved. The

e "They who shall disbelieve and obstruct the way of God, and
hinder men from visiting the holy temple of Mrcca, which we have
appointed for a place of worship unto all men,—the inhabitant
thereof and the stranger have an equal right to visit it,—and whoseever shall seek implously to profine it, we will cause him to taste a
grirrous torment. Call to mind, when we gave the site of the house
of the Cashe for an abade unto Abraham, saying: Do not associate
any thing with me; and cleaner my house for those who compass it,
and who stand up and bow down to worship. And processim unto the
people a selector pligringape, but them come unto thee or foot, and on
every lesse cound, arriving from every distant them from the visiting,
and may consensed the name of God on the apphinted days." Solid
Rowes, Ch. 22.

Kaaba, or Holy House, which occupies the centre of the enclosure, and is the great attraction for all pilgrims, lays claim to a far more remote origin than that of Mohammedanism; and, though we may safely doubt the alleged fact of its having been built by Abraham and Ishnael, assisted by the angel Gabriel of there can be no question that its genuine antiquity ascends beyond the Christian era. In all probability, the Kaaba is alluded to by Diodorus Siculus, when speaking of a temple held in superior sanctity by all Arabians. In the second century Maximus Tyrius attributes to the Arabs the worship of a stone; and this, if not identical with, is, at any rate, analogous to the "black stone" of Mesca, which, as Gibtion justly remarks, is deeply tainted with the reproach of an idolatrous origin. (Gibdos, ix 347.) The Kaaba, which was all but rebuilt in 1637, after having suffered great damage from fire, is an oblong massive structure, 18 paces in length, 14 do. in breadth, and from 3b to 40 ft. in height; its door being coached with silver, and embellished with gold ornaments. At the N.E. corner, near the door, is the "Black Stone" of the sharp angle of the structure, 4 or 5 ft. above the ground; being oval-shaped, 7 inches in diameter, of a dark brown colour, somewhat resembling lava; and surrounded by a border of cement and silver, to revent its being worn away by the klases and touches of the pilgrims. Round the building is a broad marble pavement; and at the S.E. corner is another stone, much revered by all visiters, but of a less noble origin, and less holy than the other. The 4 sides of the kaaba are covered pavement; and at the S.E. corner is another atone, much revered by all visiters, but of a less noble origin, and less holy than the other. The slides of the kasha are covered with a curtain of embroidered black silk stuff, called the kasona, annually brought from Cairo at the time of the Hadi, and remewed with some not very decrous ceremonies. The holy fountain of Zem-sem, (said to be that so opportunely found by Hagar, when her son lahmael was dying of thirst,) which supplies the town with water for drinking or ablation (its use for other purposes being fornoiden), is enclosed in a substantial square building, having a handsome marble-faced entrance, with marble basins for ablution, and a room appropriated to the pligrims, who come here in crowds to taste the miraculous fountain. From before dawn till near midnight, the well-room is constantly filled with visiters; all of whom, if not disposed to buy the services of the attendant, may themselves draw freely from the well. Various stories are affoat respecting the origin and virtues of this sacred apring, which, of course, are all believed by orthodox visiters, few of whom leave bleecs without carrying away to their friends, and for their own use during illness, and their ablution after death. These are the chief buildings within the enclosure; but none of them can be considered as consecrated, except during the hour of prayer; for at other times, barbers, and all kinds of retail vendors, porters, kilers, &c., are to be met with at every turn. (Burchkardt, vol. i. p. 278.) In several parts of the colonnade, public schools are held for the instruction of young children; while, in other parts, a few professors deliver theological lectures, which meet, however, with little patronage from the pligrims, who, with all their anxiety to visit the holy house, are, like all Turks, too much attached to the exterior of the colonnade, public schools are held for the instruction of young children; while, in other parts, a few professors deliver theological lectures, which me revered by all visiters, but of a less noble origin, and less holy than the other. The 4 sides of the kaaba are covered with a curtain of embroidered black silk stuff, called the

† The curious reader is refurred for a very full account of the tri-ditionary notions entertained by the Medamendess respecting the origin and satispairy of the Kanha, the Baunchinski's currons free Arabic works of well-known authority. (Tracele in Arabia, 1. 296-311.)

MECCA. 900

thus of the Ramadan, or great festival, the mosque is particularly brilliant; not only from the number of pligrims of every age, rank, and nation within the enclosure, but also from the thousands of lamps which illuminate the columnades. On the termination of the Hadi, however, the temple assumes a very different appearance. Disease and mortality, caused by fatigue, unbealthy ledgings, bad fare, and, in some cases, by absolute destitution, fall the mosque with the sick and dying; all or whom are anxious to have the satisfaction of expiring in view of the Kaaba, of receiving the limim's prayers, and of being sprinkled with the sacred water of Zem-zem. Whoever enters Mecca, whether pligrim or not, is enjoined by the law to visit the temple immediately, and not to attend to any worldly concern before he has discharged that solemn duty. Certain religious rites, such as walking seven times round the Kaaba, and recting certain prayers, are performed in the interior of the mosque; then comes the ceremony of walking seven times between the hill of Saafa and Merona; and, lastly, the pilgrims must submit to have their beads shaved by the brepeated by every Musaulman, who enters Mecca from a lourney farther than two days' distance; and they must be repeated by every Musaulman, who enters Mecca from a lourney farther than two days' distance; and they must be repeated by every Musaulman, who enters Mecca from a lourney farther than two days' distance; and they must be repeated by every Musaulman, who enters Mecca from a lourney farther than two days' distance; and they must be repeated by exercing the season, and they must be repeated by every Musaulman, who enters Mecca from a lourney farther than two days' distance; and they must be repeated by every Musaulman, who enters Mecca from a lourney farther dan the days' distance; and they must be repeated by every Musaulman, who enters Mecca from a lourney farther dan the days' distance; and they must be repeated by every Musaulman every and which, on this account, is estembled

Monameanan. The concourse of pilgrims to the holy mount is often immense: Burchhardt says he counted about 3,000 tents dispersed over the surrounding plain; but the greater number of the pilgrims were without tents: between 20,000 and 25,000 camels were to be seen scattered senone the pilgrims whose numbers, he concludes. greater number of the pilgrima were without tents: between \$0,000 and \$5,000 camels were to be seen scattered smong the pilgrima, whose numbers, he concludes, must have exceeded 70,000. The camp was from \$1 to \$1.000, and between 1 and \$2 m. in breadth. But we asspect that these returns are very decidedly beyond the mark; and the taste for pilgrimages is now rapidly declining throughout the Mohammedan world. A visit to Arafat is indispensable to the pilgrima; none by any chance omit it; nor can the title of Hadji be assumed except by those who have been present at the ceresnony. Mecca, like Jerusalem, boasts of many places rendered sacred by tradition. The birth-places of Mohammed and his dangster Fatima, the tomb of his wife Hadjia, and the cell where the prophet wrote the Koran, are shown to the pilgrims, who are expected to make contributions for their maintenance. But a visit to these places forms no item of religious duty; and but few depart in any way from the prescribed routine, as such acts would interfere with their profits either as merchants or beggars, and thus frustrate a very important, if not chief, edject of the expedition.

any way from the prescribed routine, as such acts would inserfere with their profits either as merchants or beggars, and thus frustrate a very important, if not chief, shiect of the expedition.

The inhab. of Mecca are, with the exception of a few Hedgas Bedouins, either foreigners or the effiring of foreigners. The ascient tribe of Koreysh, to which Mohammed belonged, is almost extinct; and there are now in Mecca only three or four Koreysh families, the head of one of which is the Nayb, or keeper of the great mart of Djidda, the annual arrival of immense caravans, and the holy house, attract thiber was multiludes of strangers; a portion of whom remain behind, and settle permanently in the city, adopting Arabian habits, and intermarrying with the native pop. The most numerous are the descreadants of Arabs from Yemen and Hadramaut; next to them in numbers are those of Hindoo, Egyptian, Byrian, African, and Turkish origin; besides whom there are Persians, Affithess, Kurds, and people, in short, of almost every Mohammedan nation, all of whom are careall in preserving a traditional knowledge of their original country. The inhab, however, though differing so much, nationally considered, wear the same sort of dress, have the same customs, and care much loss for national country. The inhab, however, though differing so much, nationally considered, wear the same sort of dress, have the same customs, and care much loss for national country. The inhab, however, though differing so much, nationally considered, wear the same sort of the East. Their colour is a yellowish brown; and in features they closely resemble the Bedouins: the lower classes are generally stout, with muscular limbs, while the higher orders are distinguished by their meagraphen on clothes. The women wear lodian silk gowns, with large blue striped trowers reaching to the ankles, and a white kind of hood to cover the face. There are few families in moderate circumstances that do not keep slaves, most of whom are Nubians and Abyssinians, brought thither fr

sagacity, and suavity of manner, are characteristics of almost all the native inhab.; while, at the same time, their proud, independent spirit, for which they are equally remarkable, is infinitely preferable to the cringing servility of the Turks of Anatolic and Syria. Religion exercises little control over them; and, though they are proud of aping the manners recorded of Mohammed, and thoroughly versed in the Koran, few Mussulmen are so inattentive to the moral duties inculcated by the Prophet. For the most part, indeed, they exhibit great profligacy of character. Drunkenness, gambling, cheating, false-ewearing, and the grossest sensuality, are of every-day occurrence; and it is a common saying among the people, "Forbidden things abound in the city forbidden to infidels." Learning and science, which once fourished in Mecca, are now almost wholly neglected. The many medrears, or colleges, for which the city was formerly renowned, are turned either into corn-magazineo or lodging-houses for pilgrims; its large libraries have disappeared; the great mosque is at present the only place where teachers of eastern learning are to be found; and the Meccaways themselves, who wish to improve in actence, go to Damascus or Cairo.

The employments of the people are in trade and the service of the Bettullah; but there are few employed in the mosque who do not, clandestinely at least, engage in commercial affairs. There are but few artisans, and these much inferior in skill to the same class in Egypt; a few potteries and dye-works are the only

manufactories, and the town is wholly dependent on other countries for its necessary supplies. Hence there manuscories, and the rown is wholly dependent on other countries for its necessary supplies. Hence there is a large foreign trade; and the holy city is crowded, during the month of Dhalhajia (the latter end of June and beginning of July), not only with zealous devotees, but opulent merchants, who thus make use of the permission granted them by the prophet: "It shall be no but opulent merchants, who thus make use of the permission granted them by the prophet: "It shall be no crime in you, if ye seek an increase from your Lord by trading dwring the pilgrimage." (Sale's Korm, ch. ii.) During the whole twelve days that the pilgrims are allowed to remain, a fair or market is held in Mecca and its vicioity; and though the number of pilgrims has greatly declined of late years, it is still a crowded and bustling scene. "Few pilgrims," says Burckhardt, "except the mendicants (a very numerous class), arrive without bringing some productions of their respective countries for sale; and this remark is applicable as well to the merchants, with whom commercial pursuits are the main object, as to those who are actuated by religious seal; for to the latter the profits derived from selling a few articles at Mecca diminish in some degree the heavy expenses of the journey. The Mogrebyns (pilgrims from Morocco and N. Africa) bring their red bonnets and woollen cloaks; the European Turks, shoes and alippers, hardware, embroidered stuffs, sweetmeats, amber, trinkets, &c.; the Turks of Anatolis bring carpets, silks, and Angora shawls: the Persiana, Cashmere shawls and large silk handkerchiefs; the Afghans, toothbrushes made of the spony boughs of a tree growing in Bokhara, beads of yellow soap-stone, and plain coarse shawls manufactured in their own country; the Indians furnish the numerous productions of their rich and extensive region; the people of Yemen, snakes for Persian pipes, sandals, and various other works in leather; and the Africans bring various articles adapted to the slave trade. The pilgrims are, however, frequently disappointed in their expectation of gain, for want of money often obliges them to accept very low prices." The most respectable of the mendicant pilgrims are negroes pointed in their expectation of gain, for want of money often obliges them to accept very low prices." The most respectable of the mendicant pilgrims are negroes (called here Tekrourgy), and these apply themselves to labour immediately on their arrival at Mecca: some serve as porters, for the transport of goods and corn from the ships to the warehouses; some hire themselves to clean the court-yards, fetch wood, carry water, &c.; while others manufacture small baskets and mats of daller heaves or negater, the intexicating drink called heaves. clean the court-yards, fetch wood, carry water, &c.; while other manufacture small baskets and mats of date leaves, or prepare the intoxicating drink called houses. The pilgrins are accommodated in lodgings, for which the inhab, charge a most exorbitant rent; and all, except those of the highest and lowest ranks, live together in a state of freedom and equality, keeping but few servants, and generally dividing among themselves the various duties of housekeeping. The two principal caravans which rendezvous at Mecca are those of Damascus and Cairo; both of which always arrives a fixed periods, generally a day or two before the departure of the Hadj for Arafat. The former of these is very large, and is, at the same time, very well regulated. The caravan of Cairo is much smaller, and its route, along the Red Sea, is more dangerous and fatiguing; but many of the Egyptian and African merchants now come by sea from Sues, Coaseir, and Suskin to Djidda, and thus avoid the weariness of a long land journey. The Persian caravan sets out from Bagdad, and crosses the desert; but it is now of little importance, as all but the poorest Persian pligrims come round by sea from Bussorah, between which place and Djidda there is a large and steadily increasing trade.

The climate of Mecca is sultry and unwholesome; especially in August, Sept., and Oct., when a hot sufformer.

cating wind prevails. The wet season is in Dec.; but the rains are not so continuous as in other tropical countries. Intermittent and inflammatory fevers, dycountries. Intermittent and inflammatory fevers, dy-sentery, elephantiasis, and stone, are common dis-eases; and, with respect to the general health of the town, Burckhardt says, "I seldom enjoyed perfect health while in Mecca: I was twice attacked by fever, attributable

while in Mecca: I was twice attacked by lever, attributable chiefly to bad water, and, even on those days when I was free from disease, I felt great lassitude, depression of spirits, and total want of appetite." (vol. i. p. 450.)

The territories of Mecca, Tayf, Gonfade, and Yembo, were, previously to the Wahabee and Egyptian conquests, under the command of the Sherif of Mecca, who held his authority from the Grand Seignior; but when the Portawas no longer able to send large armies with the Hadi caravans to secure her power in the Hedias, the Sherifs became independent. The Wahabees (who are to the Mohammedan religion what the Protestant churches are Christianity) took possession of Mecca in 1802, and retained it till 1813, when Mehemet All restored the holy cities to the nominal protection of the Porte, while at the same time he placed them effectually under his own control. (Burchhard's Arabia, 1.171., ad fisem, and il. 1—85.)

ii. 1—86.)

MECHLIN (Fr. Malines), a city of Belgium, prov. Antwerp, cap. arrond., on the Dyle, a tributary of the Scheldt, and on the road between Antwerp and Brussels, 14 m. S. S. B. the former, and 14 m. N. M. E. the latter. Pop., in 1845, 27,234. The Dyle divides Mechlin into two parts, it is regularly laid out with broad, well-pawed, and clean streets. Houses grotesque, antiquated, and frequently of a large size; but, being painted in front, they look clean and cheerful. The fortifications were demolished by the French, in 1804. The most remarkable public building is the cathedral, a Gothic edifice, commenced in the 12th century. The body of this building is by no means commensurate with the present altitude of the morisco tower attached to it, and still less commenced in the 12th century. The body of this building is by no means commensurate with the present altitude of the morisco tower attached to it, and still less with the height to which it was originally intended to be carried. This massive tower, with its truncated steeple, begun in 1452, is 370 ft. above ground, being the height of the cross of St. Faul's, London; and, had it been completed according to the original design, it would have been 610 ft. high. The Last Supper, the altar-piece, is by Rubens: the heads of the apostles and style of drapery are said to Be in his best manner; but the Christ is a failure, and the picture is mildewed. The church of the Récollets has the famous picture of the Crucifixion, by Vandyke. This," says Sir Joshua Reynolds, "is, perhaps, the most capital of all his works, in respect of the variety and extensiveness of the design, and the judicious disposition of the whole. It may be considered as one of the first pictures in the world, and gives the highest lidea of Vandyke's powers." (Reynolds's Works, ii. 273. ed. 1819.) There are pictures by Rubens in the cathedral, and some of the other churches, of which the Adoration of the Magi, in the church of St. John, is, probably, the best. After the churches, the hishop's palace, town-hall, arsenial and cannon foundry, the Franciscan convent, and the Béguinage, a large asylum for 800 widows, or aged women, are the principal public buildings. Mechliu is the see of an archishop, who is primate of Beigium, and has a revenue of about 4,000 a year. It is the seat of a tribunal of primary jursdiction, and the residence of a military commandant. who is primate or Beigium, and has a revenue of about 4,000' a year. It is the seat of a tribunal of primary jurisdiction, and the residence of a military commandant. It has an ecclesisatical seminary, a college, an academy of painting, a society of the fine arts, and a mont-depicté. It has been long celebrated for the manufacture of lace, of a coarser and stouter kind than that of Brustenstein and the seat of the coarser and stouter kind than that of Brustein and the seat of a coarser and stouter kind than that of Brustein and the seat of of lace, of a coarser and stouter kind than that of Brussels; but this has latterly been, to a considerable extent, superseded by the Nottlingham lace, and it is said that only eight houses are now engaged in the business. Among its other fabrics are those of cashmere shawis, and gilt leather chairs: the latter were at one time an article of export, and it is said that upwards of 400 workmen are still engaged in their manufacture.

Mechlin furnishes a peculiar species of beer, of a light, body, which acquires, by keeping, a vinous flavour and quality. Another delicacy peculiar to this city is the "Dejceare de Maines," a dish much admired by travellers as well as natives, into which pigs' feet and ears enter as important constituents.

lers as well as natives, into which pigs' feet and ears enter as important constituents.

Mechlin has an extensive trade in flax, corn, and oil. The tide ascends the Dyle to a league above the city, which is accessible for vessels of considerable burden from the Scheldt. Mechlin is connected with Louvain by a canal navigable by vessels of 160 tons: it would also, but for the absurd opposition of its magistrates, have been the central depot of the Belgian railways; but this has been fixed without its boundary, a circumstance which those by whom it was occasioned now deeply reservet.

As early as the 6th century, Mechlin appears to have

been a place of importance, and the cap. of a lordship, it suffered severely from war, plague, and fire in the middle age; and in modern times has been repeatedly taken by the Spaniards, Dutch, English, and French. (De Cloet; Heusching; Betgium, by Emerson Tennent, Esq. M. P.; Murroy's Handbook for N. Germany, &c.,

Esq. M. P.; Murray's Handbook for N. Germany, &c., passim.

MECKLENBURG, a territory in N. Germany, between lat. 53° and 50° 20° N., and long. 10° 35′ and 15° 57′ E.; having N. the Baltic, E. and S. the Prussian dom., and W. Hanover, Denmark, and Lubeck. Area, 5.843 sq. m. Pop. about 572,500. It is divided into

1. MECKLENBURG-SCHWEBIN (GEAND DUCHY or), a state of N. Germany, between lat. 53° 7′ and 54° 20′ N., and long. 10° 37′ and 13° 13′ E.; having E. Pomerania and Mecklenburg-Streiltz, S. Brandenburg. W. the Hanoverian and Danish prova. of Luneburg and Lauenburg, the principality of Ratseburg, belonging to M.-Streiltz, and the territory of Lubeck, and N. the Baltic. Length, E. to W., about 110 m.; average breadth nearly 45 m. Area, 4833 sq. m. Pop., in 1849, 534,594. Mecklenburg belongs to the great plain of N. Germany; its not, however, a dead level, but has an undulating surface, the Ruhneburg, rises to nearly 600 ft. above the level of the Baltic. It has several rivers of some size, as the Rechnitz, constituting its N. E. boundary, the Warnow, Stepnitz, &c., flowing to the Baltic, the Elde, a tributary of the Elbe, and others; and a great number of lakes, that of Murriz, which has an ear of more than 50 to. the Battic. It has several rivers of some size, as the Rethnitz, constituting its N.E. boundary, the Warnow, Stepnitz, &c., flowing to the Battic, the Eide, a tributary of the Eibe, and others; and a great number of lakes, that of Muritz, which has an area of more than 50 sq. m., and is clevated 216 Rhenish ft. above the sea, being by far the largest lake in N. Germany; next to it is the lake of Schwerin, having the cap. of the duchy on its banks. Notwithstanding its high lat, this grand duchy has a milder climate than most parts of Germany. The mean temp. of Germany being taken at 51° Fahr. (8° b' R.), that of Mecklenburg will be about 52° b' F. (9° R.) But the winter is severe, the average temp. of that season being little above the freezing-point; the atmosphere, also, is particularly humid, which, added to the moisture of the soil, renders catarrhs and consumptions frequent. The surface and soil are very various. On either border of the principal range of hills a poor sandy tract extends, covered with heath; and few parts of Germany are worse cultivated or more thinly inhabited than that between Schwerin and Gustrow, a distance of nearly 40 m. To the S. of this district the soil is somewhat better; and beyond Gustrow, towards what was formerly Swedish Pomerania, the sand gradually changes into a fertile loam, well adapted to the growth of rye and wheat. Near the Baltic the soil is, for the most part, a meagre sand, intermixed with stripes of loam. With the exception of the sandy heaths, the face of the country is cheerful and pleasing; the land is mostly euclosed; the woods, which are extensive, are scattered over the country, and on the borders of the lakes good meadow lands occasionally present themselves. Mecklenburg is essentially an agricultural country. It is generally divided into large estates. The demesnes of the sovereign comprise 4-10ths of the land, and those of the nobility, knights, &c., nearly 5-10ths; leaving about 1-10th in the possession of the municipalities and a few monastic institution generally very extensive; they vary from 300 to 1,000 or 1,200 acres. About one fourth part of the prov. is cultivated by proprietors resident on their own estates, and I.200 acres. About one fourth part of the prov is cultivated by proprietors resident on their own estates, and who are frequently very intelligent and well-informed; about a half is occupied by farmers, and a quarter by peasants or boors. The severity of the winter makes it necessary to have farm buildings sufficient to accommodate the live stock, in addition to the corn. hay, &c.; and hence a gentleman's house has near it, besides labourers cottages, more than five times the extent of barns, stables, cow and sheep houses, &c., that would be required in England for the same extent of land. Farms, when let, are usually held by tenants on leases, varying from 7 to 21 years. The rent varies, of course, according to the quality of the soil, situation, &c. It is uniformly almost paid in money, and the rotation of crops prescribed in the lease must be strictly adhered to. The best farms brought, in 1827, according to Mr. Jacob, about 12s. an acre; the medium lands from 6s. &c up to 8s. &d., and the sandy districts in the S. from 2s. to &c. 2d. an acre; the thinks that the larger portion of land in the grand duchy did not then produce more than 3s. an acre. Taxes are lower than in most parts of the Continent. The various taxes and other out-goings borne by the stock on the larger farms usually belongs to the tenants; but that on the smaller farms, held by peasants, usually belongs to the landiords.

The cultivation of wheat (especially the red varlety) has increased greatly of late years, and Mecklenburg is now one of the principal countries of Germany for the export of wheat. Rostock wheat is, however, inferior to either English or Dantis's wheat; so much so, that while wheat is being shipped from Rostock at 18s. a quarter, it

This is Sir Joshua Reynolds's statement. Mr. Murray, on the entrary, says that this is the alter-piece of the exthedral! Non noise,

will fetch 27s. or 38s. at Dantzic. Next to corn, peas, beans, potatoes, and turnips are principally grown. Hemp and flax are reared, but in no great quantities and the culture of tobacco has very much diminished. Of late years horses, instead of oxen, have been employed in field labour. The system of cultivation corresponds Of late years horses, instead of exen, have been employed in field labour. The system of cultivation corresponds with that of Holstein and Sleswick. After a year's failow three corn crope, usually ree, barley, and oats, are taken in succession, the land being sown down with grass seeds; along with the 3d corn crop, a crop of hay is taken in the 5th year, and the 6th and 7th years the fields are in pasture. (Jacob's Second Report.) The climate is too cold for the vine, though latterly it has been raised to some extent at Crevits, and some bad wine has been produced. The borses and horsed cattle, which are both numerous and excellent, find a ready sale in every next of Germany, and are a source of great which are both numerous and excellent, find a ready sale in every part of Germany, and are a source of great profit to the landed proprietors. The breed of horses has been much improved, by means of the grand ducal stud at Redefin and several private studa. Sheep have been a good deal increased of late: the stock in the grand duchy is now estimated at about 1,300,000, and wool has become a principal article of export. Herds of hogs and flocks of geese are met with in every part of Mecklenburg. The former wander, nearly wild, through the forests, feeding on acorps and roots, and the geese literally cover the banks of the lakes and rivers. The latter

burg. The former wander, nearly with, through the forests, feeding on accorns and roots, and the geese literally cover the banks of the lakes and rivers. The latter supply a considerable part of Europe with quills; and their breasts, smoked and cured like bacon, are much esteemed as a delicary.

The pop. has increased very rapidly within the last 25 years, a consequence partly of the breaking up of the old fleudal system, and partly of the introduction of the potato, &c. The number of inhab, in 1818, was 877, 394, whereas, in 1837, it was 476, 499, being an increase of 36 per cent. During the 10 years previous to 1838, the deaths amounted to 10,098, and the births to 16,070 a year. Mecklenburg is still, however, the least populous portion of Germany; there being only 99 inhab. to the English sq. m. Till within the last 30 years the peasants were in a state of mitigated slavery. They could acquire, enjoy, and transmit property, but they were adscripting leber, and bound to the soil, so as to be sold or let with it. The government took measures, on the restoration of peace, to abolish this relic of the feudal ages; and, about 1830, all the peasants who still remained in the condition of serfs (for many of the proprietors had previously emancipated those on relic of the feudal ages; and, about 1820, all the peasants who still remained in the condition of serfs (for many of the proprietors had previously emancipated those on meir estates) were declared free, though their actual manumission did not take place till about 1825. They are now, however, quite free, and may labour where and under whatever conditions they please to stipulate with their employers. Previously to the emancipation of the peasantry, a man was estimated to cost during harvest 1s. 4d., during hay-making is. id., and at other periods from 6d. to 1s. a day. Probably but few changes have yet taken place, either in the condition or appearance of the peasantry. The country, at a passing view, seems, from the magnitude of the farm-buildings and the number of enclosures and woods, to be more prosperous than, on a closer examination, is found to be the case. "On a nearer approach, it is scarcely possible to avoid feeling disgust at the miserable filthness and apparent poverty of the peasants' dwellings and of their clothing; though a difference may be discreted on the several properties, according to the greater or less degrees of prudence and kindness of the various proprietors." (Jacob's Rep. on Agric.)

perties, according to the greater or less degrees of prudence and kindness of the various proprietors." (Jacob's Rep. on Agric.)

The condition of the peasants, of whom a large proportion are noble, appears, in fact, to be much depressed. The author of Germany and the Germans, in 1835-36, says, "The landsman, unlike his neighbour in Hoistein, is poor. I sought in vain for the appearance of comfort and plenty which had delighted me in Hoistein; and yet, like the latter, Mecklenburg is one of the most fertile provs. in the N. of Germany, and exports provisions in large quantities to Prussia and Hamburg, while the natives are obliged to content themselves with potatoes, horse-beans, and saser-trast. During my tour through the more remote villages, I found it impossible to procure a comfortable dinner. Fresh meat was entirely out of the question; the general bill of faire at the inns consisted of potatoes, bread, butter, and eggs, and those of a superior class added bacon and saser-trasts. My drink was confined to wretched beer or schnappe; and, when I demanded whee, they looked at me as if my intellects were deranged. My bod was not unfrequently a straw pallisses, and the only covering a feather bed, enveloped in a gay-coloured cotton cover; the whole supported on a bedstead, 6 ft. long, composed of deal boards salied together, in form not unlike a packing-box. These miserable arrangements are common to all the remote districts of Mecklenburg, Pomerania, and Prussia.

"As Germany supplies Europe with princes and

Prussia.

"As Germany supplies Europe with princes and princesses, it would appear as if Mecklenburg alone were sufficient to furnish it with nobles; for it is reckoned that the nobility include the half of the pop.,

the possessions of 6-8ths of these dignified persons being limited to their genealogical trees. During my progress through the country, I net with a Aerr (baron) who exercised the profession of relieving men's chins of what is sometimes considered an incumbrance; and at one of is sometimes considered an incumbrance; and at one of the inns I found a kerr graf (count) for a landlord, a fram gräfinen (countess) for a landlady; the young kerren grafen filled the places of ostler, waiter, and boots, while the fair young fräulein gräfinnen were the cooks and chambermaids. I was informed that, in one village, the whole of the inhab. were noble except four, and these were married to noble fräuleins." (Germany, &c., i.

grafes allied the places of ostler, waiter, and boots, while the fair young frisularis griffesses were the cooks and chambermasis. I was informed that, in one village, the whole of the inhab, were noble except foor, and these were married to noble frisularis." (Germany, &c., i. 43, 44.)

In Mecklenburg the general principle is, that every place shall provide for its own poor, either separately or in common with others. All proprietors are bound to provide for the poor on their estates; and, in furtherance of that object, are entitled to levy a sum of about 8d. a year from the day-labourers, and 4d. from the made servents, &c., on the estate, though but few avail themselves of this privilege. When crown lands are let, there is always a clause in the contract, regulating what the farmer, the dairy farmer, the smith, and the shepherd are to pay for behoof of the poor. The higher classes, public officers, &c., should pay 1 per cent. of their income to the poor's funds. All poor persons have a legal claim to assistance, and such work must be found them as they can perform.

About 80,000 cwits. of salt are obtained annually; but, with the exception of lime, minerals are of little importance, and mining is quite neglected. Manufactures are not very considerable. The principal are those of woollen and linen fabric; but the former employed, in 1834, only 1,128 hands, who produced goods of the value of about 271,000 doil., about 1-5th part of which was exported. Mecklenburg is famous, even in Germany, for the distillation of corn spirits. Every one my carry on the business of distiller, without tax or restriction of any kind; and this facility has, no doubt, tended to increase that taste for ardent spirits which, unhapply, distinguishes the peasantry. A few cotton, paper, glass, to-bacco, soap, and wax-light factories, with brewerles and tanneries, complete the list of manufacturing establishments. The government is in the shape of a road-toil, which is now established in every town. Mecklemburg has an extensive trade in

MECKLENBURG.

and villages, in patrimonial courts on the estates of the nobility, with courts of secondary jurisdiction at 8chwarin, Oustrow, and Rostock, and a high court of appeal at Parchim, which is the supreme legal tribunal for both grand duchies. With the exception of hotween 3,000 and 4,000 Jews, the inhab. are nearly all Lutherans. There are upwards of 1,000 primary schools, about 40 superior public schools (Bitgerschulen), 5 gymnasia, and the University of Rostock, with several ecclesiastical and other special seminaries. Previously to 1826, there was but one bookselling establishment in the grand duch; but, since that period, the diffusion of education and the cultivation of literature has led to the establishment of 11 others, besides 12 printing-offices. (Bergkess.)

was but one bookselling establishment in the grand duchy; but, since that period, the diffusion of education and the cultivation of literature has led to the establishment of II others, besides i2 printing-offices. (Berghesus.) The public revenues of the grand duchy amount to 4,600,000 fr. per annum, and the public debt to 18,000,000 fr. The dukes of Mecklenburg had formerly 5 votes in the College of Princes, in the Diot of the Empire. Since 1815, Mecklenburg-Schwerin has held, with Mecklenburg-Streiks, the 14th rank in the Germanic Confederation. They have conjointly 2 votes in the general assemblies, but only one in the Committee of the Diet. Mecklenburg-Schwerin furnishes a contingent of 3,660 men to the army of the Confederation.

Schwerin is the political cap.; but Ludwigslust, a town with a pop of about 5 000, 14 m. S.W. Parchim, is the usual summer residence of the grand duke. The palace, which is a large fine edifice, has a cabinet of pictures and a collection of slavonic antiquities; the surrounding grounds are well laid out; but the neighbourhood is dull and not very healthy.

MECLIENSUS. STRELITE (GRAND DUCHY OF), a state of N. Germany, consisting of 2 separate territorial divisions; the first and largest, or the duchy of Stargard, lying between lat. 539 9° and 539 47° N., and long. 139 40° and 139 57° E., having W. Mecklenburg-Schwerin, and surrounded on all other sides by the Prussian territories; and the second, or principality of Ratseburg, between lat. 539 40° and 539 51° N., and long. 190 and 110° E. United area, 997 sq. m. Pop., in 1848, 96. 92. The general features of the country are the same as those described in the above art.; its mean elevation is, however, somewhat less than that of Mecklenburg-Schwerin, though the Helpterburg, near Woldeyk; vise to 640 ft. above the sea. The chief river in Stargard is the Havel, and in Ratzeburg the Stoppitz, and the towns, in the proportions of about 7-10ths to the first, 3-10ths to the noles, and 1-10th to the municipallities. Nearly 1-4th part of the

market, and Old Strelitz the largest mart for horses, in Mecklenburg. Furstenburg has some trade in timber aid butter.

The government is a limited monarchy, as in Mecklenburg-Schwerin. Justice is administered in 8 courts of primary jurisdiction, the superior courts of Rucksicht and Ratzeburg, and the court of chancery in New Strelitz, from which appeal lies to the supreme tribunal at Parchim. The principal public schools are, the Gysmanssew Casvalissum at New Strelitz, the high schools at New Brandenburg, Friedland, and Ratzeburg, and the school of arts (Bildengasmatesti), at Mirow. New Strelitz is the cap, and residence of the grand duke. The other chief towns are New Brandenburg, Friedland, and Old Strelitz. Mecklenburg-Strelitz holds, with Mecklenburg-Schwerin, the 14th place in the German Confederation, and has also, with it, i vote in the committee, having in the full diet I vote independently. It furnishes 718 men to the army of the Confederation.

Mecklenburg has been several times conquered and disposed of by foreign powers; as by Henry the Lion, in the 13th century by Ferdiannd II., who gave it to Wallenstein, and by Napoleon; but it has always reverted to its original dynasty. The reigning family is the only sovereign house of Slavonian origin, and is one of the most ancient in Europe, with all the principal reigning families of which it has been allied. The separation of Mecklenburg into two states took place in 1701, and both were recognised as grand duchies in 1816, Rerghans, Alle, Libader, &c. v. 3806—411. Skrin, Handbuck der Germans, &c., pezzim.)

MEDINA, or MEDINET-EL-NABI, "the town of the prophet," one of the sacred cities of Arabia, the burial-place of Mohammed, and, next to Mecca, the great senter of attraction to Mohammed, and, next to Mecca, the great senter of attraction to Mohammed, and, next to Mecca, the great senter of attraction to Mohammed, and, next to Mecca, the great senter of attraction to Mohammed, and, next to Mecca, the great senter of attraction to Mohammed, and, next to M

MEDINA.

Burckhardt, 18,000. This celebrated city stands in a plain, close to a chain of hills which bounds the great desert westward. It is not open, like Mecca, but surrounded by a wall about 40 ft. high, and flanked by 30 towers: it was additionally fortified with a ditch by the Wahabees; but this is in most piaces nearly filled up. It is entered by three fine gates; one of which, towards the S., called Bab-el-Masry, is said by Burckhardt to rank second only to the noble gates of Cairo; a fourth gate, in the S. wall, was closed by the Wahabees, and has not since been re-opened. The houses are well built, of adrik grey stone; but it has a desolute appearance, owing to the lessened resort of pilgrima. Ruined houses and tottering walls are seen in every part of the town; and "Medina presents the same disheartening view as most of the eastern towns, which now afford but faint images of their ancient splendour." (Burckhardt's Arabia, it. 180.) The principal street, in which are most of the shops, leads from the Cairo gate to the great mosque; another, of respectable sise and breadth, runs from the mosque to the Syrian gate; but many of its houses are in ruins, and there are few shops. No shops or basears, however, are found in other parts of the town; and, in this respect, Medina differs from Mecca, which is one continued market. The suburbe cover more ground than the city itself, from which they are separated by an open space, narrow on the S., but widening on the W., before the Cairo gate, where it forms a large public place called Mosdikha, always crowded with cames and Bedoulus. Provisions are sold here in sheds erected for the purpose, and the numerous coffee huts are beset the whole day with visiteris. The greater part of the suburbs Bedouins. Provisions are sold here in sheds erected for the purpose, and the numerous coffee huts are beset the whole day with visiters. The greater part of the suburbs consist of large court-yards, built round with low houses, tenanted chiefly by the humbler classes. Each hous, or court-yard, contains 30 or 40 families; the cattle belonging to the little community occupy the centre of each; and the only gate of entrance is regularly closed at night. Opposite, however, to the gate of Cairo are several regular and well-built streets, with houses similar to those within the town; one of these, called Ri-Ambarye, comprises some of the handsomest residences in Medina, besides two rather large mosques, all now remaining, except the great temple, out of 14 mentioned by the Arabian historians. The town is supplied with good water, both from wells and open streams.

streams.

The glory of Medina, and that which places it, as a sacred city, almost on a level with Mecca, is the possession of the tomb containing the remains of the Prophet. This tomb, with the tombs of Abou-Beker and Omar, the friends and immediate successors of the prophet, are inclused within the great mosque, situated at the E. end of the town. Though smaller than the mosque at Mecca, it is built upon the same plan, with minarcts at the anneles, and forms an oons square, surrounded mosque at Mecca, it is built upon the same plan, with minarets at the angles, and forms an open square, surrounded on all sides by covered colounades. The tombs are enclosed within a curtain, in a square building of black stone, detached from the walls of the mosque, and surrounded by a close iron railing. People of rank are admitted gratis within the sacred precinct, called Et Hedfre; and any one, indeed, who has money to spare, finds but little difficulty in being admitted. The ridiculous stories, long current in Europe, as to Mohammed's coffin being suspended in the air by a loadstone, are unknown in the East; and most part of the statements that have been put forth, as to the richness and magnificence of the tombs and the great mosque, have been absurdly exaggreated. East; and most part of the statements that have been put forth, as to the richness and magnificence of the tombs and the great mosque, have been absurdly exaggerated. The tomb of Fatima, the favourite daughter of the Prophet, and the wife of All, is also within the great mosque; but it is doubtful whether it really encloses her remains. The lofty dome, which rises above the tombs, is seen at a great distance from town. The coresmonies observed by persons visiting Medina are somewhat different from those customary at Mecca; nor is it absolutely required of the hadils to visit the prophet's tomb; and hence is it that the enjoined religious duties are considerably less tedious. The building is lighted at night with lamps and candles, sent either from Cairo or Constantinople. The mosque has four gates, of which the principal, by which the pligrims first enter, called Bab Merouán, is certainly very superior in beauty to any of the gates at Mecca. The police, cleansing and lighting of the mosque, are entrusted to about 40 enuncient, somewhat similiar to those of the Beitullah at Mecca, supported, like them, by salaries from Constantinople, and by fees and presents from the hadjis. Besides these, and the Imams, Mueddins, and Olemas, who are as indispensable here as at Mecca, there are upwards of 400 inferior servants. The mosque, founded by Mohammed himmelf, immediately after his flight from Mecca, on the spot where his camel first rested in the town, was enlarged by Omar after the prophet's encombness. men nimself, immediately after his flight from Mecca, on the spot where his camel first rested in the town, was enlarged by Omar after the prophet's entomhment, and surrounded with walls by Othman. Subsequent caliphs and nobles of Arabia greatly embellished it; but the whole edifice was burnt down a. n. 1808; and so complete was the destruction, that only the interior of the tomb was spared. The present building was erected,

MEDINA DEL CAMPO.

In 1514, by Kayd Beg, then king of Egypt; since whose time only a few immaterial improvements have been made by the Othman emperors of Constantinople. (Burchharut's Arabia, ii. 161—305.) The burial ground of Medina, called Ri Rehya, is another object of extreme veneration, in consequence of its containing the tombs of Ibrahim, Othman. Abbas, the sunts of Mohammed, &c. Another place of pligrim-resort is Djebel-Ohod, about Im. from the town; the scene of a conflict between the small army of Mohammed and a very numerous band of idolatrous Koreysh, under Abu Sofyan. The Prophet's inche, Hamse, fell in the engagement, with 75 others, all of whom are buried on this mountain, the exact spot being marked by a mosque.

The people of Medina, like those of Mecca, are chiefly either foreigners or of foreign extraction, drawn thither by the prophet's tomb, and the gains which it ensures to its neighbours. The number of Sherifs, indeed, descended from Hassan, the Prophet's grandson, is very considerable; but most of them come from Mecca, or elsewhere, and nearly all are olemas, or clergymen. The pop. presents, therefore, as motley a race as that of Mecca; and Arabians of every district, Reypdans, Africans, Syrians, and Turks of Anatolia, are found here, more or less naturalised by intermarriage; those long settled being characterised, as at Mecca, by the Arab face, expressive cast of features, and stout thick-set person.

With respect to commerce, Medina widely differs from Mecca, for, while the latter is enriched by a transit trade

thick-set person.
With respect to commerce, Medina widely differs from
Mecca; for, while the latter is enriched by a transit trade
scarcely inferior to that of any great city in the East, the
trade of the former is merely for the consumption of the scarcely inferior to that of any great city in the East, the trade of the former is merely for the consumption of the town and its neighbourhood, the articles being chiefly received from Egypt, by way of Yembo. The provision-trade is a lucrative branch of traffic; and the richer merchants often realise enormous profits when the caravans stay for any considerable time, and exhaust the stores of the smaller dealers. The Bedouins supply the town with sheep, butter, honey, and charcoal, taking in return corn and clothing; but the trade is subject to great fluctuations, in consequence of continual emmittes between the tribes. The date and lotus fruit are produced in large quantities in the neighbouring gardens, the former of these being the prime article of food, and brought thither from all the surrounding country. As respects native industry, Medina is as ill situated as Mecca; wanting the commonest mechanics, and not even possessing a pottery. Weaving, dyeing, and tanning are arts wholly unknown, nor is there a single person in the whole city capable of making either a nail or a horse-shoe, unless it be at pligrim-time, when many of the poorest hadjis endeavour by hard labour to earn the money necessary for their journey homewards.

The elivers of Medina is during the mister much

the st pugrim-time, when hany of the poorest nagis endeavour by hard labour to earn the money necessary for their journey homewards.

The climate of Medina is, during the winter, much colder than at Mecca. Rain falls irregularly at that season; often in violent storms, laating for 2 or 3 days, but in some years so sparingly as to cause a general dearth, from the want of proper irrigation. The summer-heat is alleged to be greater than in any other part of the Hedjas; and the salt-marshes, stagnant pools, and exhalations from the neighbouring date-groves, are powerful agents in producing those intermittent fevers, which are so common, and often fatal, in the city, especially to visiters. The deaths, indeed, are reckoned by Burckhardt (though, no doubt, very vaguely) at 1,200 annually; which, assuming the pop. at 18,000, is 1 in 15: and if this be near the truth, it is clear it must long ago have been depopulated, but for the continued supply of inhabitants from other countries!

Medina, though, probably, not entitled to rank as one of

of inhabitants from other countries is to can be apply to the dina, though, probably, not entitled to rank as one of the cities of what, by the best authorities, is considered the Hedjas, has always, since the establishment of Moammedanism, been considered as a separate principality, and independent even of Mecca. The governor has, till independent even of Mecca. The governor has, till recently, been appointed by the Grand Samior; but, in the absence of precise information, it is believed that Mohemet All now exercises supreme power over both the holy cities of the Mohammedan world. (Burckhardi, vol. ii. 145.—293.; Mod. Traw., &c.)

MRDINA DEL CAMPO, a town of Spain, kingd. of the Leon, prov. Valladolid, on the Zapardiel, a trib. of the Douro, I'm. S. 8. W. Valladolid, and 33 m. N. W. Madrid. Pop. 3,000. The town on both sides the river (crossed here by a stone bridge), has a neat square, with a handsome sculptured fountain in its centre. The houses are assostly very old, and many of them quite in ruins. A col-

some scuiptured fountain in its centre. The houses are mostly very old, and many of them quite in ruins. A collegiste and 6 other churches, several monasteries (now uninhabited), and 3 hospitals, one of which has considerable architectural merit, are its chief public buildings; but most of them show, by their dilapidated appearance, the degraded condition of the place. The inhab. are chiefly employed in agriculture. It has 2 weekly markets, and a fair in February, well attended by traders from Toledo, Segovia, Cuença, &c.

Medina del Campo occupies the site of the ancient Methymas Compezitis, and was formerly a place of considerable importance; but in the 17th century, after the

MEDITERRANEAN SEA.

discovery of America, a large part of its pop. emigrated, and its decay has since been hastened by the internal troubles of the country. (Milliano.)

MEDINA DE RIO SECO, a town of Spain, kingd. of Leon, prov. Valladolid, on the Sequillo, a trib. of the Douro, 52 m. 8.5. E. Leon, and 123 m. N.W. Madrid. Pop. 4,700. It stands in an open plain, W. of the river, crossed here by 3 bridges, and has narrow, badly paved streets, and shabby decaying houses: there are 3 churches, 4 monasteries, 2 hospitals, and a castle; but, with the single exception of the church of St. Maria, all the public buildings are in a ruinous condition. The inhab. were once so celebrated for their industry and the variety of manufactured goods exhibited at its fairs in April and September; that the district acquired the name of Insta chics (the Little Indies); but every trace of its former prosperity has now disappeared, and the pop. ranks at present among the most degraded and least industrious in Spain. (Milliano.)

MEDINA SIDONIA, a town of Spain, in Andalusia, prov. Cadis, 22 m. E. by S. Cadis, and 65 m. S. Seville. Pop., according to Milano, 9,237. It is an old walled town, beautifully situated on the brow of a rocky eminence, looking eastward over a fine champagne country. A castle, 2 par. churches, 6 monasteries (now unoccupied), and 2 hospitals, are the only public buildings. The chief employment of the inhab. is the manufacture of earthenware, which is conducted on a large scale, furnishing the principal supply for Cadis, Seville, and, indeed, the whole of Andalusia. The neighbourhood is celebrated for its fine pastures; and the rearing of cattle forms the chief occupation of the rural pop.

MEDITERRANEAN SAN SEA (the Marc Indevense of the ancients, and, more recently, the Marc Indevense of the services of the divide the Mediterranean into three basins, the most westerly of which is included between the Straits of Gibraltar and the passage, only 72 m. broad, between C. Boeo in Sicily and C. Bon in Africa; the central part extending eastward from the last-mentioned points to the meridian of C. Matapan in the Morea; while the E. basin, called the Levant, comprises the Grecian Archipelago and the sea that washes the coast of Karamania, Syria, and Egypt. The principal inlets of the W. basin are the bays of Lyons, Genoa, and Naples: it contains, also, the three large Islands of Corsica, Sardinia, and Sicily; the Lipari, and other islands on the W. side of Italy; and the Balearie group, off the coast of Spain. The central basin has a large arm projecting N. under the Gulphs of Taranto in Italy. Lepanto in Greece, and Cabes and Sidra (an. the two Syrtes) in Africa: Malta, the Ionian Isles, and the mumerous rocky islets skirting the shores of Dalmatin, are its chief islands. The protion of the E. basin or Levant, which atretches N. from the Isle of Candia to the coast of Macedonia, is called the Archipelago, and is remarkable, not only for the extreme Irregularity of its coast-line, but for the numerous clusters of volcanic Islands and rocks that stud its surface; its chief gulphs are those of Egina, Salonika, Contessa, and Snyrna; and its largest islands are Lemnos, Mytlene, Thasos, Scio, and Naxia. The great island of Cyprus lies in the angle between the coast of Asia Minor and Syrila.

The coast of the Mediterranean is as remarkable for

Syria.

The coast of the Mediterranean is as remarkable for difference of altitude as for variety of outline. Its N. shores, as might be inferred from their jagged outline, are generally steep and bold; but in parts, as in Spain and France, near the mouths of the Ebro and the Rhone, and in Lucca, Tuscany, the Papal States, and Naples, as far S. as C. Campanella, the shores are low and gently shelving, varied only by a few bold rocky beadlands; the S. side of Sicily and the W. shores of the Adriatic, are, also, with a few exceptions, flat and sandy; but in listria, Dalmatia, and, in short, all along the E. side of the Adriatic, the coast is bold, broken, and irregular, often presenting cliffs rising between 600 and 700 ft. in perpendicular height, with deep soundings close to the shore. The shores of the Archipelago partake, more or less, of the same bold character, except in a few bays, where rivers, by the constant deposition of alluvial soil at their mouths, have formed low beaches, extending considerably beyond the high rocks usual to this coast.

The S. coast of Anatolia, which has a less indented The coast of the Mediterranean is as remarkable for

The S. coast of Anatolia, which has a less indented line of shore, though by no means low, is much less

craggy and precipitous; extremely high promontories here and there stretch out into the deep sea; but beaches, more or less shelving, of shingle, gravel, or sand, are by far the most common on this coast. The cliffs about Far the most common on this coast. The cliffs about lakenderoon are of great height, running round the bay, and furnishing complete security for shipping, except from the E., or land, hreezes, which are both violent and dangerous. The shores of Syria are mountainous between Tripoil and Tyre, but present, in many places, a large extent of low and flat coast, especially towards the

dangerous. The shores of Syria are mountained outween Tripoli and Tyre, but present, in many places, a large extent of low and flat coast, especially towards the S. extremity.

Near the mouth of the Nile the country presents a low uninteresting flat, with rocky reefs and shoals, projecting from 5 to 7 m. from the shore; and this continues as far W. as long. 27° E., beyond which a series of not very high cliffs, varied here and there by sandy bays (the largest being those of Sidra and Cabes), marks the whole African coast as far as C. Spartel. Submarine rocks and projecting shoals of mud and sand, not less than the roving piratical habits of the Moors, render the navigation of these shores both difficult and dangerous; and, in this respect, the S. side of this sea presents a striking contrast to the N., where, generally speaking, deep soundings may be had close in shore; while, in parts, particularly between Nice and Genoa, and near Gibraitar, no soundings can be found under 1,000 fathoms and upwards. The in-shore navigation presents some difficulties, in consequence of a few hidden rocks; but the chief skill of the mariner is required in the Archipelago, where, though there be few hidden dangers, it requires first-rate experience of its shifting winds and currents to guide him safely through its many intricate channels. (Purty's Sailing Dir. for the Med., part ii. p. 61.; Lyell's Geology, 1. 347.)

It is a curlous fact, that, though the Mediterranean generally be so deep that soundings, even where possible, are of no practical utility, except in some of its bays and harbours, the depth of the Channel between Sicily and African, and Memoir.) The temperature of list water is, at an average, from 72° to 76°, or 34° Fah. higher than the W. part of the Atlantic Ocean; but it does not appear, from the experiments of Marcet and Woollaston, that its density exceeds that of many ordinary samples of sea-water. (Lyell's Geology, ii. 17.) The chief feeders of the Mediterranean are the Ebro, Rhone,

nary samples of sea-water. (Lycil's Geology, il. 17.) The chief feeders of the Mediterranean are the Ebro, Rhone, chief feeders of the Mediterranean are the Ebro, Rhone, Po, and Nile, with the various waters brought from the Black Sea by the strong current that sets W. through the Dardanelies. But, nowithstanding this vast supply, the evaporation is so rapid, that water constantly passes in through the Straits of Gibraltar, to restore the equilibrium. The Mediterranean has long been considered a tideless sea; but this is not strictly true: for, in the Adriatic, as well as between that sea and the coast of Africa, tides rise from 5 to 7 ft., and their influence is felt, more or less, along the shores of Sicily, and on the W side of the Morea. The existence of this tide, indeed, may suggest an explanation of the loss of so many vessels in that region of mist and terror, the Gulph of Sidra, where there is always a lofty swell and accumulation of waters during the prevalence of N.W. winds. A tide of 8 or 9 ft. also ebbs and flows at pretty regular intervals in the smaller gulph of Cabes, on the same coast. waters during the prevalence of N.W. winds. A tide of 8 or 9 ft. also ebbs and flows at pretty regular intervals in the smaller gulph of Cabes, on the same coast. In the Straits of Messina and Bonifacio, at Naples, in the narrow channel of the Euripus, and on both shores of the Straits of Gibraltar, there is an ebb and flow amounting to 3 ft. and upwards; but whether these movements are to be attributed to lunar influence, or to other causes, has not been determined. (Pardy, part ii, p. 9; Lycu, 1. 375.) The currents peculiar to this great inland sea vary in its different parts: a current sets E. along the African shores, which is turned northward along the coast of Syria, and then westward along that of Cyprus and Karamania; the current in the Archipelago sets almost continually to the S., being increased or retarded, according to the winds; in the Adriatic, the current runs N.W. up the coast of Abania, and S.K. down the Italian shores, bringing with it the waters of the Po. A strong current runs through the Faro of Messina (the Scylla and Charybdis of antiquity), and, by meeting a lateral current, causes numerous eddies and whiripools. (See Scylla and Charawspois.)

lateral current, causes numerous eddles and whirlpools. (See Soytha and Charavenia.)
But this strait, notwithstanding the statements in the classics, presents no real danger; and, in the late war, it was traversed by the fleet under Lord Nelson. (Smythe's Sictly, pp. 110—113.) In the Straits of Gibraitar, the main current sets eastward, at a rate varying from 3 to 6 m, an hour: it is true that an undercurrent has long been supposed to run in an opposite direction; but the fallacy of this hypothesis has been fully shown by Mr. Lyell; and it seems that the only outlet for the superfluous water is by the lateral current, which runs westward close to the African shore. (Geology, Il. 19.) With respect to the winds of the

Mediterranean, it may be observed that the prevalent winds, except during spring, vary between N.W. and N.E., while those in spring are from S.E. to S.W. But the winds are extremely variable, and it is said that 3 or 4 vessels may occasionally be seen carrying different, and sometimes opposite, winds at the same time. The Bora, a violent N.E. wind in the Adriatic, better Elevain, or N.E., winds (called also Tramontama), which blow for several months together in the Archipelago, and the science, or majora, are peculiar to this sea

time. The Bora, a violent N.E. wind in the Adriatic, the Elexian, on N.E., winds (called also Tramontama), which blow for several months together in the Archipelago, and the scirocco, or solano, are peculiar to this sea. The last of these is described by Capt. Smythe as being extremely troublesome, and producing great dejection and lassitude. "At its commencement," he observes, "the air is dense and havy, with long white clouds floating just above, and parallel to, the horizon. The thermometer rises to 90° or 50°, sometimes 100°, and the barometer gradually sinks to about 29° 60°. It generally continues during three or four days; during which period, such is its influence, that wine cannot be fined, or meat effectually salted: oil-paint laid on during its continuance will seldom harden. But, though blighting in its general effects during summer, it is favourable to the growth of many useful plants in winter, when, indeed, it has few disagreeable qualities." (Sicily, p. 6.)
Waterspouts are of very common occurrence, especially on the coast of Asia-Minor, where as many as ixteen have been seen at one time. Many volcanic phenomena have also been observed in this sea; among which may be mentioned the sudden appearance, in 1831, of an island, about 30 m. S.W. of Sciacca in Sicily, and its equality sudden disappearance, three years afterwards. These movements may result from the close proximity of the large igneous region of italy and Sicily. The presence of electric fluid in the atmosphere is also proved by the play of flame round the mast-heads, called by sallors "the fire of St. Elmo." Several springs of fresh water rise in different parts of the Mediterranean: the largest of these is in the port of Taranto, near the mouth of the Galesus, where the fresh water ranean: the largest of these is in the port of Taranto, near the mouth of the Galesus, where the fresh water ranean: the largest of these is in the port of Taranto, near the mouth of the Galesus, where the fresh water ranean is the large to the second of the

impregnation of salt; but the most celebrated of these fountains is that of Arethusa, in the harbour of Syracuse. (Sec Arettuga, I. 182.)

The Mediterranean abounds with fish of many different varieties, as well as with mollusca. The tunny and anchovy fisheries are a source of great profit on the coasts of Italy and Sicily: the sword-fish is very common; and the murcz purpurs supplies the fine Tyrian dye, now, as anciently, celebrated for the brightness of its red colour. Coral is found on many parts of the Barbary coast, and in some of the bays of Corsica and Sardinia. The chief fishery, however, is in the Straits of Messima, where there is a coral-ground upwards of 6 m. in length. In the Scriptures, the Mediterranean is called "the Great Sea" (Num. xxxiv. 6.). Herodotus calls it (1. 185.) "the Sea;" and Strabo, "the Sea within the Columns" (Swikews if isw rin randin). It is probable that it witnessed the first rude attempts at navigation. "Having," as Dr. Smith has justly observed, "no (perceptible) tides, nor, consequently, any waves, except such as are caused by the wind only, the Mediterranean was, by the smoothness of its surface, as well as by the multitude of its islands, and the proximity of its neighbouring shores, extremely favourable to the infant navigation of the world; when, from their ignorance of the compass, men were affaid to nut the view of the const was, by the smoothness of its surface, as well as by the multitude of its islands, and the proximity of its neighbouring shores, extremely favourable to the infant navigation of the world; when, from their ignorance of the compass, men were afraid to quit the view of the coast, and, from the imperfection of the art of ship-building, to abandon themselves to the bolsterous waves of the ocean." (Wealth of Nations, book i. cap. 3.) At all ovents it was navigated, and its islands occupied, in the remotest antiquity: it subsequently was traversed in all directions by the ships of the Phenicians, and their descendants, the Carthaginians; and, at a later period, by those of the Greeks and Romans. During the middle ages, and down to the discovery of America, it was the grand centre of the commerce and navigation of the old world; and the Venetians and Genoese, by whom its trade was for a while principally engrossed, attained, it consequence, to great wealth and consideration. The discovery of America, and of a route to India by the Cape of Good Hope, opened new and far more extensive channels for maritime enterprise. But we incline to think that the depression of the Mediterranean trade, in the 16th, 17th, and 18th centuries, was principally owing to the circumstance of the countries round the Black Sea, the Levant, and the whole N. shore of Africa, having been shortly before subjugated by the Turks, the implacable foces of art, civilisation, and refinement. Happliy, however, their empire has been, to a considerable extent, dismembered; and, within the course of the present century, the trade of the Mediterranean has begun to resume something like its former importance. The opening of the Black Sea, and the rise of Odessa and other towns on its shores, the renewed intercourse with India by Alexandria, the occupation of Malta by the English, and of Algiers by the French, the independence MEDWAY.

of Greece, and the establishment of steamers between
the principal ports of the see, have prodiglously extended its commerce and navigation. And when the
old, worn out, imbecile despotian of the Turkish government has been overthrown, and the fine and fertile
countries, now under its degrading yoke, have been
emancipated, a vast additional stimulus will be given to
its commerce; so that the fair presumption seems to be,
that the successful prosecution of commercial narigation, is destined, at no very distant period, to be
again equalled, and, most probably, surpassed.

The Mediterranean has on its shores the capital cities
of Naples, Palermo, Athens, Tripoli, Tunis, and Algierrs. Among its principal emporiums may be specified
Marseilles, Genoa, Leghorn, Civita-Vecchia, Venice,
Trieste, Syra, Smyrna, Alexandria, Malaga, and Barcelona. Its most important naval stations are those of
Malia and Toulon: Gibraitar is, as it were, the key of

the sea.

To the scholar and classical traveller the Mediterranean has the most powerful attractions. Her shores were the earliest seats of art, science, and civilization. She has been surrounded and occupied by the most remowned nations of antiquity; and her coasts and islands have still to boast the ruins of some of the noblest and most splendid cities of the ancient world. In short, to use the language of Dr. Johnson, "the grand object of all travelling is to see the shores of the Mediterranean. On those shores were the four great empires of the world; the Assyrian, the Persian, the Grecian, and the Roman. All our religion, almost all our law, almost all our arts, almost all that sets us above savages, has come to us from the shores of the Mediterranean." (Purdy and Norie's Sailing Directions; Saughte's Skeity, and Hydro. Charts; Beaufort's Karamania, and Charts; Dict. Géog., &c.)

MEDWAY, an important river of England, which has its embouschure in the setsuary of the Thames. It rises the S. E. corner of Surrey, between the N. and S. chalk ranges; being joined at Penskurst Place by streams from the S. of Sussex. Its course is thence N. E. to Maidstone, and then N. to Rochester and Chatham, about 2 m. below which it turns nearly E., expanding at the same time into a wide setuary, interspersed with To the scholar and classical traveller the Mediter-

Maidstone, and then N. to Rochester and Chatham, about 2 m. below which it turns nearly E., expanding at the same time into a wide satuary, interspersed with islands. After prosecuting an easterly course for 8 or 10 m., it turns once more to the N., uniting with the senary of the Thames at Sheerness. The tide is interrupted by locks, otherwise it would flow up the river to Maidstone. In consequence of works begun in the reign of Charles II., and resumed at different periods, it has been rendered navigable as far as Toubridge; affording a channel of communication of much importance to the surrounding country. From Sheerness to Chatham there is water to float the largest ships; and the ground being soft, and the reaches short, it forms an admirable harbour for men-of-war, many of which are usually laid up here when out of commission. (See Chatham I. 583.) The Medway was called by the ancient Britons Faga, to which the Saxons predixed the syllable Mas, signifying mid or middle, because it ran through the middle of the kingdom of Kent: hence it came to be called Medweg, and latterty Medway. Considering the shortness of its course, the Medway is one of the deepest of Kuropean rivers. (Hasted's Kent, i. 278., 8vo ed.; Statistical Account, Sc., 1. 33.) MEFERITT a district of Rettish India proved.

course, the medway is one of the ceepest of European rivers. (Hasted's Kest, 1. 378., 8vo ed.; Satistical &course, &c., 1. 32.)

MEERUT, a district of British India, presid. Agra (Bengal), chiefly between lat. 36° 30° and 29° 30° N., and long. 77° and 78° B., having N. the collectorate of Mosuffernuggur, E. that of Moradabad, B. Boolundshahur, and W. Paniput, &c. Area, 2,260 sq. m. Land revenue, in 1822, 14,04,216 rup. The chief towns are Meerut, Birdhuna, Katouli, and Hustinapoor.

MEERUT, a town of British India, presid. Agra, cap. of the above district, in an extensive grassy plain, 30 m. N. E. Delhi. This, which, like Cawnpoor, is a military station, is a much more agreeable residence than the latter. The town is surrounded by a dilapidated brick wall, and has a ruined fort or citadel. The streets are narrow and mean, and the houses mostly of mud; but it has some good architectural remains of mosques and pagodas; and without the walls are various Mohammedan tombs, built of red stone. A small stream, which swells into a river during the rainy season, is here crossed by a handsome bridge. The cantonments are at some distance N. of the town, from which they are separated by a long and busy bridge. The cantonments are at some distance N. of the town, from which they are separated by a long and buy bazaar. The barracks are one story in height, and disposed in regular ranges, at intervals, along a space about 3 m. in length: the bungalows of the officers are surrounded with gardens, enclosed by tall hedge-rows. The church of Meerut is probably the largest in British India, being 150 ft. in length, by 84 ft. in breadth, and capable of accommodating 3,000 people. There is a good free school here, with about 100 native pupils. Meerut was a city of some consequence before the Mohammedan investion of India. It was taken by Mahmoud, of Ghisne, in 1018, and by Timour in 1209. It was occupied, with

MEISSEN.

1836

MEISSEN.

1840

MEISSEN.

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MEININGEN.

MILDBURGHAUSEN.

MULTY OF, an indep. state of Central Germany, consisting of a crescent-shaped territory, between the 80th and 51st degs. of ist., and long.

10° 10' and 11° 20' E.; enclosed on the 8. by the territories of Cobourg and Bavartsenburg, Prussia, Hoseel-Cassel, and Weimar. Area, 968 sq. m. Pop.

(1849), 163,322. This duchy comprises a portion of the Thuringtan forest mountains; one of which, the Dollmar, rises to 2,270 ft. above the sea. The remainder of Saxe-Meiningen is chiefly comprised in the vale of the river Werra, by which it is traversed in a N.W. direction. This last portion of the duchy, though one of the most fertile districts in Germany, does not, however, produce enough of corn for the consumption of its inlab. Tobaccon turning and fruit are states produced. direction. This last portion of the duchy, though one of the most fertile districts in Germany, does not, however, produce enough of corn for the consumption of its inhab. Tobacco, turnips, and fruit are staple products; and the forests and cattle of the duchy are among its most important sources of wealth. Mining is pretty actively pursued; iron, a little copper, coal, alum, vitriol, &c., being produced: it has also marble quarries, and furnishes about 190,000 ext. of sait a year. The manufacture of hardware and the weaving of linens and woollens are the chief remaining branches of industry; but a number of hands are also employed in making wooden articles, toys, &c. The government is a limited monarchy, and, in nearly all respects, similar to that of Saxe-Weimar (which see). The high court of appeal in Jena is the supreme tribunal for this duchy. The in. hab., who are nearly all Lutherans, are quite as well educated as those of the rest of Saxony. Primary schools are numerous; there are superior schools, or colleges, in all the towns, and the state has a considerable share in the direction and patronage of the University of Jena and of the Prussian gymnasium at Schiensingen, Jean and of the Prussian gymnasium at Schlensingen, near Erfurt. Public revenue, in 1849, 1,440,000 fl., which was about equal to the expenditure. The public debt, at the same time, amounted to 4,317,000 fl. Saxe-Mei-ningen has one vote in the full council of the German Confederation and outer to the contraction. Confederation, and a vote in the committee, conjointly with Saxe-Weimar, Cobourg, and Altenburg, together with which it holds the 14th place in the diet. It furnishes 1,150 men to the army of the Confederation. Her late Majesty, Queen Adelaide, was a princess of

Her late Majesty, Queen Adelaide, was a princess of Meiningen. A town of Central Germany, cap. of the above duchy, on the Werra, here crossed by two stone bridges, 31 m. K.N.E. Fulda. Pop. about 6,300. It is encircled by wooded hills, is well built and laid out, and surroundeil with ramparts and ditches. In the palace, which has been the residence of the dukes since 1681, are collections of paintings, engravings, natural curiosities, the archives of Meiningen and Weimar, and a library of 24,000 vols. The house of assembly for the states of the duchy, the berakerdinum, or gymnasium, the female seminary, riding-school, theatre, and hospital, are the other principal edifices. It has some manufactures of woollen, linen, and mixed fabrics, with tanneries, breweries, &c., and has some of the best public gardens in Germany. (Bergkans, Allg. Länder, &c., iv. 861-9; Stein's Hemdb. der Geog.; Alm. de Gotha, 1841.) MEISSEN, a town of the kingd. of Saxony, prov. Meissen, on the Elbe, here crossed by a handsome bridge, 14 m. N.W. Dresden. Pop., in 1845, 8,080. "The castle, the Gothic church, and the lofty houses, perched high upon a rocky eminence, have a most imposing effect as you approach Meissen; but the streets are narrow, and the town has internally a gloomy appearance, which is considerably increased by the smoke constantly issuing from the porcelain manufactory." This establishment occupies the castle, built, it is said, by the emperor Henry I. "The beautiful pottory ware that goes by the same of Dreeden china, is all manufactured here; and though the Meissen potteries are now tivalled by those of Berlin and Vienna, they were at one time the first, and may still be considered the most celerated in Kurope." (Strangie Germany in 1831, 1.84, rivalled by those of Berlin and Vienna, they were at one time the first, and may still be considered the most celebrated in Burope." (Strang's Germany in 1831, i. 84, 85.) The Gothic cathed all is remarkable for the fine open-work of its spire and the elegance of its interior. In it are several antique monuments of the Saxon princes, and some fine old paintings by Albert Durer and Cranach: the latter has introduced into the altarpiece the portraits of Luther, his wife, and his friend, the Elector of Saxony. The neighbouring convent of Afra has been converted into a royal school. The chappiece the portraits of Lutner, his wife, and his literia, the Elector of Saxony. The neighbouring convent of Afra has been converted into a royal school. The chapter-house, 3 hospitals, and the orphan asylum, are the other chief public establishments. Besides the porcelain factory, founded by a chemist named Böttcher, in 1710, Meissen has manufactures of hats, stockings, leather, colours, &c., though none is very considerable.

Berghaus; Stein, &c.) MELBOURNE. See Supplement.

MELCOMBE-REGIS. See WEYMOUTH.

MELCOMBE-REGIS. See WEYMOUTH.

MELFI, a town of the Neapolitan dom., prov. Basilista, on a lofty and remarkable volcanic mountain, overlooking the plain of Capitanata, 34 m. 8. Foggia. Poplout 7,000. Like most other towns in an elevated situation, Melfi loses somewhat on a nearer approach. It is sencircled by old ruined walls. The streets are narrow, ill-paved, and dirty; and most of them, as the town is built on the side of a steep activity, are impracticable for carriages. Many of the houses, however, have a respectable appearance; which they owe more to the solidity of their masonry than to their magnitude. The principal object is its castle; which, though partly fallen to decay, and partly restored in very bad taste, retains a venerable and imposing aspect. It stands at the higher extremity of the town, from which it is separated by a kind of platform, commanding a view of the opposite statached to it from its being the principal, and probably the first, fortress built by the Normans after their conquest of this portion of the kingdom. The large hall in which the meetings of the Norman confederates were held, and which afterwards accommodated the council of prelates, held here in 1059, and the parliament summoned by Frederick of Swabia, has been converted into a theatre. One only of its towers remains entire; but it affords, in height and solidity, a good specimen of the general structure.

The cathedral has attached to it a high tower, erected in 1181; which, like most of our English beliffies, has mall Saxon archee for windows. There are 8 other

mement summoned by Frederick of Swabia, has been converted into a theatre. One only of its towers remains entire; but it affords, in height and solidity, a good specimen of the general structure.

The cathedral has attached to it a high tower, erected in 181; which, like most of our Engthal beliries, has small Saxon archee for windows. There are 8 other churches, with numerous convents, a magnificent bishop's palace, some excellent public cisterns, and a good private collection of the minerals of the neighbourhood. The atmosphere is damp, and the town is said to be at times unhealthy. "The pop. appears lively, industrious, and active: though there are no particular manufactures. Many of the inhabs, deal in cattle and wine, which last is somewhat less sweet and heavy than the produce of the surrounding towns: it constitutes an abundant article of commerce with the whole of the adjoining prov. of Capitanata, where, under the name of Visco at Meigl. it is sold, and held in general use." (Crasen's Abruss., &c., ii. 394.; Swinsburne., i. 409.)

MELFORD, LONG, a market-town and par. of England, eo. Suffolk, hund. Babergh, 17; m. W. ipswich, and ilm. N. B. London. Area of par., 4,320 acres. Pop., in 1841, 2,567. The town is very pleasantly situated in a picturesque and well wooded country, and consists the spot one main street, nearly 1 m. in length. A handsome Gothic church, two places of worship for dissenters, and an almshouse (founded in 1872) for 12 poor men and 3 women, are the only public buildings. Spinning, woollen weaving, and retail trade, are the chlef occupations of the inhab. The weekly market once held here has been discontinued for some years. Cattle and sheep fairs, Tuesday, Wednesday, and Thursday, in Whitsun-week.

MELKSHAM, a market-town and par. of England, eo. Witts, hund. its own name, 36 m. N.W. Salisbury, and 86 m. W. London. Area of par., 10,750 acres. Pop., is 1841, 6,256. The town, formerly much more important thours and parting the product of the Dean and Chapter of Salisbury. There are, a

barbarous seal of the early reformers. In fact, with the exception of a part of the cloister walls, the abbey has been wholly destroyed; but fortunately a considerable part of the church has been preserved. The great able or eastern window, 36 ft. in height by 16 ft. in width, is unrivalled for its fine proportions, the richness of its tracery, and the beauty and delicacy of its workmanship. It has been admirably described by Scott:—

The moon on the east orief shome,
Thirmsch siender shafts of shamely stone,
By foliagd transary combind;
Thou would's have thought some fairy hand.
Twitz poplans straight the east want of
Thirmsch and the state of the state of
Then francia a pull when the work was done,
And chang'd the willow-wramit to stone.

The south transept window and door is, perhaps, the most perfect part of the ruin. It is in the decorated style, with crockets and creeping foliage. The compartment of the nave, from the screen work to the cross, was roofed over, and fitted up, in 1618, for the parish church. But this roof does not harmonize with the rest of the fabric; and it is obvious that the stones of which it consists had been quarried from other parts of the building 1 a great tower rose from the centre of the cross, of which a portion, 84 ft. in height, still remains; but the spire by which it was surmounted is entirely gone. The decorated work and masonry of the building have been most admirably executed; the mouldings are still as sharp as if they were fresh from the chisel.

In the centre of the village is a cross, said to be coeval with the abbey: a small property in the village is held on condition of the proprietor keeping up this fabric. The abbey is no longer used as the parish church, a bandsome new edifice having been constructed for that purpose some years ago. Abbotsford, the seat and creation of Scott, is situated about 3 m. W. from Meirose; and Dryburgh Abbey, where the great minstrel is buried, a band of the training of the purpose of the pur

and Dryburgh Abbey, where the great minstrel is buried is about 3 m. E. from the village. (See Monastic Annuals of Tevioldale, a learned and able work; border Antiquing

ton of Scott, is situated about 3 m. W. from Melrose; and Dryburgh Abbey, where the great minstrel is buried, is about 3 m. E. from the village. (See Monastic Aments of Troitotale, a learned and able work; Border Antiquises of Scotland, &c.)

MELTON.MOWBRAY, a market-town and par. of England, co. Leicester, hund. Framland, on the Wreak (a trib. of the Soar), crossed here by three stonetridges, 14 m. N. K. Leicester, and 92 m. N. by W. London. Area of par., 5,610 acres. Pop., in 1841, 3,937. The town has of late years been much improved and enlarged; the houses are generally well built, the streets are well paved, watched, and lighted, and there are some excellent hotels. The church is a large and somewhat striking cruciform Gothic building, with a highly ornamented pinnacled tower, rising at the intersection of the nave and transepts: the living is a vicarage, in private patronage. There are places of worablp, also, for Wesleyan Methodists and Independents. Three Sundages chann and Independents. Three Sundages is the state, are attended by about 600 children of both sexes. (Educ. Rep., 1886.) Melton-Mowbray enjoys a small share of the hoalery and bobbin. not trade, which furnishes employment to many thousands in the co.; but the chief business and celebrity of the town is attributable to its situation in the centre of a fine hunting country, and to its being, as it were, the hunting metropolis. The hunting season lasts from the beginning of Nov. to the end of March; and during this time the town is frequented by the leading sportsmen of England, who resort thither from all parts of the country, and a few even from the Continent. The stabling is excellently arranged, as well as very extensive, there being accommodation for unwards of 800 horses, with their grooms, helpers, &c. The town supports a good subscription bitrary and news-room; and there is a temporary theatre, in which performances are held during the hunting season. Melton has water-communication with Leicaster by the Wreak and Soar, and with Oakham b

MEMEL.

The portion on the right or N. bank of the Marne, called St. Aspais, is the most extensive: it is built on the declivity of a hill, and has a spacious square, an old Gothic par. church, with some fine stained glass, the prefecture, formerly a Benedictine abvey, a theatre, some vapour-baths, and the remains of the Abbey of St. Fierre, founded under the Merovingian dynasty. The portion on the left bank of the river is less than either of the others; it comprises the cavalry barracks. Melun has a communia coliege, a public library, with 10,000 vola., a society of agriculture, arts, and sciences, a school of drawing, &c., with manufactures of woollen cloths, printed corton and them goods, and glass, and some trade in corn and other products destined for the Paris markets. Melodmum is mentioned by Cæsar in his Commentaries: it was taken by his lieutenant, Labenu. In the middle ages, it was several times captured by the

printed cotton and linen goods and glass, and some trade in corn and other products destined for the Paris markets. Melodimum is mentioned by Cassar in his Commentaries: it was taken by his lieutenant, Lablenus. In the middle ages, it was several times captured by the Normans and English, and was held by the latter from 1419 to 1430. (Hingo, art. Scine-et-Marne, \$c.)

MEMEL, a fortified sea-port town of the Prussian dom., being the most northerly of any size in the kingdom, and one of the principal shipping ports on the Baltic, prov. Frussia, gov. Königsberg, on the N.E. side of the entrance to the great salt lake, or lagoon called the Knrische Haff, but within the bar, 50 m. N.W. Tilsit, and 74 m. N.N.E. Königsberg; i.at. 850 42 7" N., long. 10° 6 2" E. Pop., in 1848, 9,700. It consists of the portions called the Old Town, New Town, and Frederick's Town, and has several suburbs. It was surrounded by walls in the time of the Teutonic knights, and has a cizadel, founded in 1200, now partly used as a prison. It has 4 churches (2 Lutheran, I. Calvinist, and I Rom. Cath.), a synagogue, arsenal, exchange, theatre, high school, school of Industry, female seminary, school for neglected children, an hospital, and various charitable institutions. It is the seat of a council for the circle and town, a board of taxation, police commission, &c.; and has manufactures of woollen cloth and soap, with docks for ship-building, saving-works, distilleries, &c. The harbour is large and safe, with deep water: but the bar, at the mouth of the Kurische Haff, has seldom more than 17 ft. water, and sometimes not more 16 ft. water are frequently obliged to load and unload a part of their cargoes in the roads, where the anchorage is but indifferent, particularly when the wind is at the N. or N.W. A light-house, originally 75 ft., but now 100 ft. high, has been erected on the N.E. side of the entrance to the harbour. The light, which is fixed and powerful, may be distinguished, in clear weather, at more than 20 m. distance. Timber, partic

Bucusting as hardly to admit of their being reduced to an average.

MEMMINGEN, a town of Bavaria, and formerly a free city of the empire, circ. Swabia, cap. distr. on a ributary of the iller, 40 m. 8.W. Augsburg. Pop. 7,000. It is walled, and has a handsome town-hall, an arsenal, barracks, a lyceum, an academy of instrumental and nocal music, &c. It has manufactures of woollen, cotton and linem stuffs, stockings, ribands, oil-cloth, copper and iron wares, &c., with tanneries, linen and cotton printing and dyeing establishments; and an active trade in the products of these, and in salt, wool, corn, bops, &c., which it sends to Switzerland and Italy. (Berghaus, Aug. Linder, iv. 186.)

MENAI STRAIT, a strait or channel of N. Wales, separating the island of Anglessa from Caernaryon: it runs N. E. and S. W. about 14 m., varying in width from about 200 yards

14 m, varying in width from about 200 yards to about 2 m. Parliament having contributed a sum of money to assist in improving its navigation, the dangerous rocks, by which it was formerly encumbered, have been removed, so that

MEENIZ. 307
vessels of moderate burden are able to pass without difficulty through the strait, when it would not be possible
for them to double Holyhead.

The Menal Strait is now principally celebrated for the
magnificant bridges by which it has been recently crossed.
Holyhead being the meanest port to Ireland, and the
most convenient place at which to ship and receive the
Dublin mails, it became of great public importance that
the access to it should be rendered as asie and expeditious as possible. The usual ferry across the strait
was in the vicinity of Bangor; and this being frequently
attended with both danger and delay, it was resolved to
crect, nearly at the same place, a chain bridge, elevated
sufficiently above the water to allow ships to pass freely
underneath. This undertaking was begun in 1819, and
completed in 1835. There are seven stone arches, each sumciently above the water to allow ships to pass freely undernesth. This undertaking was begun in 1819, and completed in 1825. There are seven stone arches, each of 32½ ft. span; and the length of the catenary, or chain part, is 579 ft. The bridge cost in all 211,791/.; and its elegance and solidity refact great credit on the engineer, Mr. Telford.

Mr. 1 enoru.

But this great work has been far surpassed by the tubular bridge, erected in 1848-50, forming a portion of the railway between Chester and Holyhead. It consists of two lines of vast tubes of wrought irun, each line being of two limes of vast tubes of wrought iron, each line being 1.513 ft. in length, stretching across the strait, one for the railway carriages going to, and the other for those returning from Holyhead. The tubes rest on autuments and towers on each side the strait, and on a tower in the middle of the latter; the water-way, or length of the tube, or bridge, on each side the central tower, being 460 tt. Like the hanging bridge, it is elevated 100 ft. above the level of high water, and consequently gives no interruption to the navigation. This stupendous work, the construction of which forms a new are in engineering, was projected and erected by Robert Stephenson, Esq., at a cost of above 600,0004.

projected and erected by Robert Stephenson, Esq., at a cost of above 600,000.

MENDE, a town of France, dép. Lozère, of which it is the cap., on the Lot, 48 m. E. N. E. Rodez. Pop., in 1846, 4,619. It is badly built and laid out, but is weil supplied with water by numerous public fountains, and surrounded by a boulevard, forming a public promenade. The cathedral, a Gothic building, has two light spires. The old episcopal palace, now the prefecture, has a gallery and hall, enriched with many paintings by Beenard, an artist of the French school. It has also a public library of 6,600 role, a court-

Besnard, an artist of the French school. It has also a public library of 5,000 vols., a communal college, a court of primary jurisdiction, a society of agriculture, science, and art, a chamber of manufactures, &c. its inhabs. fabricate coarse woollen cloths, called aerges de Mende, which are sent into Spain, Italy, and Germany. MENIN (Flemish Mersen), a town of Belgium, prov. W. Flanders, cap. cant. on the Lys, immediately within the B-igian frontier, and 64 m. 8. W. Courtral. Pop., in 1846, 8,052. It is well fortified, and tolerably well built; is the residence of a military commandant; and has manufactures of woollen yarn, and table and other linea cloths, lace, soap, linseed and other oils, &c., with tanneries, breweries, and large bleaching grounds. It has also a considerable trade in horses, cattle, and agricultural produce, and 2 large annual fairs.

has also a considerable trade in horses, cattle, and agricultural produce, and 2 large annual fairs.

MENTZ, or MAINZ (Pr. Mayence, an. Mogantiacum), a strongly fortified city of Germany, the bulwark of the German Confederation towards the W., in the grand duchy of Hesse-Darmstadt, prov. Rhenish Hesse, of which it is the cap., on the left or W. bank of the Rhine, nearly opposite its junction with the Mayn, 18 m. W. S. W. Frankfort, and 88 m. S. E. Coblents; lat. 50° O' 2" N., long. 8° 16' 41" E. Pop., estimated at 32,000, incl. its garrison of about 8,000 men. It is built partly on level ground, and partly on the declivity of a hill, in the form of a semicircle, the Rhine forming the basis of the arch. It is surrounded by strongly-built bestimed walls; and is further defended by extensive outworks, on level ground, and partly on the declivity of a bill, in the form of a semicircle, the Rhine forming the basis of the arch. It is surrounded by strongly-built bastioned wails; and is further defended by extensive outworks, including a citadel, iunettes, and 6 forts. A bridge of boats across the Rhine, 1,666 Rheolsh ft. in length, protected by a title dispose, connects Ments with its fortised suburb of Castel, a town of 2,200 inhab., near which is an island in the river, that is also strongly fortised. A garrison of 30,000 men would be required for the proper defence of the various works. The city is entered by 10 gates, 5 on the land side, and 5 along the river; all which, except on special occasions, are closed at 10 r.m. It has several good streets and squares, which present various indications of improvement; generally, however, it is in most parts irregular, and the streets, which are narrow and dirty, are rendered darker by the lotthness of the houses, many of which have strongly-stunnichioned windows: the appearance of the town is, in fact, that of an ancient city, converted into a modern fortress; but it is, notwithstanding, interesting from its antiquity, and its numerous public edifices. The cathedral, built in the massive round-arched Gothic style, was commenced in the 10th, and finished in the 12th, century. Like the cathedral of Worms and Spires, it has a double choir, and a high altar at both the E. and W. extremities. It was nearly destroyed by fire in 1190, and suffered greatly during the siege of the town by the Frussians, in 1793; but, of late years, extensive repairs have been made upon it, by the ald of voluntary contributions; the nave has been newly roofed with state, and the great E. tower has been surmounted with an iron cupola, 70 ft. in height. The interior has numerous monuments of the former archishops of Ments, who were sovereign princes, and electors of the empire. It has also monuments of various other historical personages. The side chapets abound in fine old carving: the doors, of solid brass and great height, opening to the market-place, were cast by the founder of the cathedral, and have engraved on them the charter given to the city by Archbishop Adalbert, in 1135. There are 6 other R. Cath, par. churches, several conventual churches, and a Calvinist church, most of which deserve notice. On the quay beside the river are two large red buildings; one of which, the ancient electoral palace, has been converted into the custom-house; and the other, the Teutonic House, once occupied by Napoleon, is now the residence of the Prince Dalberg, nearly destroyed by fire in 1798, is used for the courts of justice. The arsenal, on the bank of the Rhine, the theatre, a new and handsome edifice, and the episcopal and vice governor's palaces, are among the remaining principal public buildings. But Ments derives its principal celebrity from its having been the residence of Gucuberg, and the cradie of the art of printing. The housin which Gutenberg lived has been taken down, and its site is occupied by a casino, belonging to a literary club. In an adjacent court is a statue of Gutenberg, in bronze, from a model by Thorwaisden; but this work is said (by Chambers) to be clumsy, gigantic, and tasteless; and ft sproposed to raise a monument more commensurate from a model by Thorwalsden; but this work is said (by Chambers) to be clumys, gigantic, and tasteless; and it is proposed to raise a monument more commensurate with the signal merits of the individual in whose honour it is to be erected. Ments has a gymnasium, an ecclesiastical seminary, schools of medicine and veterinary surgery, a public library of 90,000 vols., in which are preserved some of the earliest extant specimens of printing; a museum of natural history, antiquities, coins, &c. Outside the walls are some fine gardens along the bank of the river.

of the river.

Ments, formerly the first ecclesiastical city of the empire, is now of importance chiefly as its strongest fortress and principal military post. A mighty revolution has taken place since the visit of Dr. Moore, towards the end of last century, when the abbês, with their handsome equipages, lorded it over the well-behaved troops. "The chapter and the grenadlers have now precisely changed places. You see the meagre occupants of the stalls skulking to mass in threadbare contages; their looks are observed. equipages, torused it over the well-behaves alonges, contest it and the greendlers have now precisely changed places. You see the meagre occupants of the stalls skulking to mass in threadbare constance, their looks proclaiming them no longer the monopolisers of the old hock of the neighbourhood; while the Austrian and Prussian soldiers are parading about in the insolence of military superiority. The cafes, the billiard-rooms, the promenades, are thronged with these smoking and swaggering guests, who impart a sort of unhallowed vivacity to the gloomy haunts of superstition and monachism. The university building is converted into barracks, and housessing on the Rhine, p. 5.) Ments is garrisoned by a nearly equal number of Prussian and Austrian troops, and is commanded by a governor, elected alternately every five years from either nation. It is the seat of a military tribunal, and the high court of justice for Rhenish Hesse; its civil authorities being appointed by the government of Hesse-Darmstadt. The town is so environed, on the river side, by its fortifications and other erections, that the Rhine is but little available for commercial purposes, and the accommodation for craft is very

roned, on the river side, by its fortifications and other erections, that the Rhine is but little available for commercial purposes, and the accommodation for craft is very inferior. Nevertheless, Ments is the chief commercial town in the grand duchy (see also Hesse-Darmstady, I. 990.), and, next to Cologne, the chief mart for Rheuish produce in Germany. It has a considerable trade in corn, wine, timber, &c., and manufactures of leather, soap, hats, giue, vinegar, tobacco, musical instruments, &c.; steam-communications with Mannheim and Holland, and a steam-navigation assurance-company. Though Ments abounds in historical associations, its existing vestiges of antiquity are very few. Agripps, the general of Augustus, established an entrenched camp on the site where Drusus Germanicus, about associ 0 B. c., erected a fort called Mogustiacusm. Drusus afterwards founded a second fort (Castelkam) on the opposite bank of the Rhine; and the two were at a subsequent period connected by a Roman bridge, portions of some of the piers of which may still be seen when the water is low. (Schreiber.) In the citadel is the Eichelstein, a stone tower, alleged to have been erected by Drusus. At Zahlbach, not far from Ments, are the remains of an ancient aqueduct; and, between the two, a Roman emptery has been discovered. The city, which was almost wholly destroyed in the wars at the fall of the Roman empire, was restored by Charlemagne, who erected a church, and rebuilt the bridge with timber. In the 13th and 14th centuries Ments was a place of some note for literature and the arts. In 1631, it was taken by the and recoult to orage wan timeer. In the tax and lith centuries Ments was a place of some note for literature and the arts. In 1631, it was taken by the Swedes: in 1644, 1688, and 1792, by the French; it was bombarded and taken by the Prussians in 1793; but,

MERGUI.

being re-taken by the French in 1797, it became, during their ascendancy, the cap. of the dep. Mont-Tonnerre. (Schreiber, Guide du Rhiss, p. 136-136.; Autumn mear the Rhine, p. 1-13.; Berghaus, Allg. Länder, &c., iv. 256, 359.; Chambers's Tour, &c.)

MEQUINEZ, a large city of Morocco, and one of the residences of the emperor, 70 m. E. Salee, and 225 m. N.N.E. Morocco; lat. 230 56′ N., long. 50′ 59′ W. Pop., differently estimated, at from 50,000 to above 100,000. It stands in a beautiful, well-watered, and very fruitful valley; and is surrounded by a wall about 6 ft. high, built for a defence against the marauding Berebbers. It owes its present extent and consequence to the late sultan, Muley Ismael; who, after having secured to himself the undisputed sovereignty of the kingdoms now forming the empire of Morocco, made Mequines one of the caps., considerably enlarged it, and crected a fine palace, which, owing to its having only one story, is of great apparent extent. In the centre of the enclosure, which contains several well laid-out gardens, is the emperor's harem, formed by a four-sided colonnade, above which are various spartments for the women, eunuchs, and female attendants. The rooms are each about 20 ft. long, by 12 ft. broad, and 18 ft. high; the walls are inlaid with red and blue tiles, and the light is communicated by means of 2 large folding-doors. Between the chief apartments are paved courts of chequered marble, in the centre of most of which is a fine marble fountain. The houses of Mequines are neater than those of Morocco; but the streets are not paved; and hence in rains they are infested with mud, and in dry weather with dust. The millah, or Jews quarter; is walled round, extensive, and in good repair; but the Negroes' quarter is now a mere ruin. Ahout century ago a convent was formed here by the King of Spain, for the relief and spiritual comfort of Rom. Cath. captives and Christian travellers; but it was deserted by the monks, previously to the accession of the late emperor, Muley So

teeth, and dark hair; and have a suavity of manners rarely to be met with even in the most polished nations of Europe. (Jackson's Morocco, pp. 126—129.; Geog. Journ., vol. 1.)

MERDIN (an. Marde), a city of Asiatic Turkey, at the N.W. extremity of the pach. of Bagdad, 50 m. S.E. Diarbekir, lat. 37° 19′ N., long. 4° 20′ E. Pop. about 11,000, of whom 1,500 are Armenians, and 200 Jews. It is situated on the slope of the Karadja-dagh, or ancient Mousti Marius, and overlooks a very extensive and fertile tract of country. It is commanded by a castle, crowning the summit of a rock, and is very difficult of access, the best road to it leading up a steep about 1½ m. in length. The houses are all built of hewn stone, and appear to be very old; the windows are small, grated with iron, the streets narrow, and the buildings, being on an acclivity, seem to rise one on the top of the other. The walls are kept in tolerable repair, and a few old pieces of cannon are mounted on the towers of the castle. Merdin is the frontier town of the pachalic towards Constantinople, and the residence of a mutzellim appointed by the pacha. The industry of the inhabs, is confined to the manufacture of cotton fabrics and Turkey leather; but it has little external trade, in consequence of socking on any of the great caravan-routes. The neighbourhood produces an abundance of cotton, grain, and fruits, which find a ready sale in the market of Merdin. Olivier, tom. Iv. p. 342—345.; Kinsectir, p. 355.]

MERRE, a small market town and par. of England, co. Wilts, hund. its own name, 20 m. W. Salisbury, and 96 m. W. by S. London. Area of par., 7,400 acres. Pop., in 1841, 7,139, of whom in ,482 belong to the town-tything. The town is very indifferently built, having in its centre an ancient croax, the interfor of which serves as a markethouse. The church is large, with a square tower at its word in the living is a vicarage in the gift of the Dana of Salisbury. The Wesleyan-Methodists, also, support a place of worship and attached bunday-school. A silk-m

when taken by the British, was surrounded by a wooden stockade. But it is not a place of any strength, being ac-cessible to ships, and commanded by a high island in front. The streets are wide, but bedly paved; and they front.

would be much flithler than they are but for the situation of the town on a slope, which facilitates their being demed by the rain. The houses are nearly all of bamboo, reeds, matting, and other fragile materials. A mean reeds, matting, and other fragile materials. A mean brick gateway stands at the entrance to the town from the river side, which, with some bastions at the angles of the works, a few small pagodas, and some houses erected by Europeans, are the only structures of any solidity. The harbour is safe for small vessels, having 13 ft. water ever the bar at low water, with 18 ft. rise at aprings. The climate is mild and salubrious: European invalids, sent thither from Rancoon during the war, speedily sent hither from Rangoon during the war, speedily recovered their health. Mergul was taken by storm by the British in 1824. (Low. Hist., &c., in Journ. of the Royal Asiat. Soc. ii. 206—209.; Hamilton's E. I.

MERGUI ARCHIPELAGO. See TENASHRIM PROVINCES.
MERIDA (an. Asqueta Emerica), a town of Spain, in
Estremadura, on the N. bank of the Guadiana, 29 m.
B. Badajoz, and 176 m. N.E. Madrid. Pop., according
to Mifano, 4,890. & is situated close to the river, on a
slight eminence, in the midst of an open and gently unculdrated, and unbealthy in summer. Is chief public buildings are 2 par. churches, 8 ruined monasteries, 2 hospitals, and a prison: it is, in fact, one of the
most decayed towns in the Peninsula, and is wholly unimportant except for its antiquities. But the remains of
the power and magnificence of its Roman masters render most decayed towns in the Peninaula, and is wholly unimportant except for its antiquities. But the remains of
the power and magnificence of its Roman maters render
it an object of great interest. These are scattered in all
directions: in the walls, the houses, the churches, and
even in the pavement of the streets are discovered fragments of columns, bases, capitals, frieses, statues, and
incriptions. Similar vestiges, and in a more perfect condition, are to be seen in the suburbs.
The principal ruins comprise an amphitheatre (used
also as a naumachis, circus, theatre, triumphal arch,
baths, &c. The seats of the amphitheatre appear quiteperfect; the vaulted dens for the beasts are uninjured;
and the conduits by which the areas was filled with water
are still distinctly visible. In one of the streets may be
seen a large triumphal arch, 150 ft. high, but without
any inscription or sculptures. The baths are surprisingly perfect, but not large; and round the top of
the bathing-rooms runs a cornice of most curious and
alciates workmanship, almost as perfect as if it had recastly been executed. The bridge over the Guadiana is
of stone, and portions of it may be of Roman architecture; but the greater part of the Roman bridge was
swept away by a flood in 1610, and the present bridge
has been constructed since. Two arches of this structure were blown up, in 1812, by the British troops under
the Duke of Weillington. There are likewise 2 aqueducts,
one of Roman, and the other of Moorish architecture, of
brick and granite, the former having three, and the latter two tiers of arches.

Augustus,

one of Roman, and the other of Moorish architecture, of brick and granite, the former having three, and the latter two tiers of arches.

Augusta Emerita was founded by order of Augustus, asseo 28 a.c., who planted in it some of his veterans, called emeriti, whence its ancient and modern names. Though its ancient magnitude appears to have been greatly exaggerated, it was, no doubt, one of the largest Roman cities in the peninsula, and became the metropolis of Lusitania. From the Romans it passed, in 713, to the Moors, who destroyed and altered many of its old buildings. In 1223 it opened its gates to Alphonso IX., after his signal victory over the Moors in the contiguous plain of Matansas; and from this period downwards it has been attached to the kingdom of Castille and Leon. (Recollections of the Peninsula, p. 178—181; CRON's Spains, i. 142—144.; Milano; Ancient Universal History, xill. 623 8vo. ed.)

Masilna, a town of S. America, repub. Venezuela, dep. Zulia, cap. the prov. Merida, on the Chama, 330 m. S. W. Caraccas, and 328 m. N. E. Bogota. Previously to 1812, when it was destroyed by an earthquake, this was the largest city in Venezuela, and had a pop. of 12,000. It continued, for some years, to be little better than a heap of ruins; but it has been again rebuilt, and is now, probably, become more populous than before. It has a cathedral, several chapels, convents, &c., an ecclesiastical seminary, a college for philosophy, civil law, &c. The finhab. are said to be, for the most part, in good circumstances. The coloured races dey wool and manufacture earpets and other woollen and cotton fabrics. (Geog. Account, &c., 207-41; Mod. Tyan. xvii.)

MERIONETH, or MERIONYDD, a marit, co of N. Wales, having N. the cos. of Caernarvon and Denbigh, E. and S. those of Montgomery and Cardigan, and we get the principal summits are those of Arran-Fowdy, Caderaldria, and Arrenig; respectively 2,358, 2914, and 2,809 ft. above the sea. It has, however, some fine vales, especially that of Feetinlog, celebrated for its romanti

Vot. 11.

able tracts have been gained by embankments. The soil is very various; but, generally speaking, it is poor, and suited only for pasturage. Dats is the grain principally cultivated; but wheat and barley are also raised, though in no great quantities. Agriculture is in a very backward state; little or no attention is paid to a rotation of crops, and it is a frequent practice here, as well as in Denbigh, to burn the surface for manure. In some parts of the co. notations are never extractively well. rocation of crops, and it is a frequent practice area, as well as in Denbigh, to burn the surface for manurs. In some parts of the co. potatoes are pretty extensively cultivated. The principal dependence of the farmer is, however, on his cattle and sheep; of which great numbers are fed on the mountains, and in the valleys not fitted for husbandry. The small native Welsh ponies, called Merlins, are now rarely met with, except in this co. and Montgomery. They are sure-footed and exceedingly hardy. Dairy farming is carried on to a considerable extent. Farms usually small; and being mostly held at will, without any conditions as to management, the low state of agriculture need not be wondered at. Average rent of land, in 1810, 3s. 11d. an area. Speaking generally, the cottages are wretched in the extreme; though happily they have been a good deal improved in some parts of the co. The minerals seem to be of less consequence than might have been supposed; lead and copper are raised, though in small quantificant large copper are raised, though in small quantities; large quantities of lime are produced at Corwen, and slates are quarried in different places. The manufactures, quantities of lime are produced at Corwen, and slates are quarried to different places. The manufacturus, which also are unimportant, consist principally of coarse gameia, produced on the domestic system, at Dolgelly, Town, and a few other places. The Dec has its source in this co.; and it is also watered by the Dyft, Maw, Disynwy, &c., flowing W. Bala, the largest lake in the principality (see Balas) is in this co. Harlech is the co. town. Medicate his divided into 6 hundreds and 37 parishes. It sends 1 mem. to the H. of C. for the co. Registered electors, in 1845-04, 1,055. In 1844, the co. had 3,480 inhabited houses, and 39,332 inhabis; of whom 19,279 were males, and 20,053 (emales. Sum expended for the relief of the poor, in 1846-47, 15,3144.

MERSEBURG, a town of the Prusslan dom., prov.

for the relief of the poor, in 1846-47, 18,3144.

MERSEBURG, a town of the Prussian dom., prov.

Saxony, cap. reg. Merseburg, on the Saale, 36 m. S.S.E.

Magdeburg; lat. 51° 22° 1″ N., tong. 12° 0° 35″ E. Pop.,

to 1846, 10,560. It is walled, and is old and irregularly

built. It has several suburbs, a cathedral, a castle, a gymnasium, an hospital, and various other public insti-tutious. Merseburg is the seat of government for the regency, of the council and court of justice for the circle regency, or the council and court of justice for the circle and town, a board of forests, &c.; and has manufactures of woollen and linen cloth, paper, tobacco, and vinegar, The beer of Merseburg is celebrated as the best in Sakony, (Von Zedlitz, Der Preussische Stant., ill. 223.; Herg-

(Yon Zedlits, Der Preussische Staat., ill. 223.; flerg-kens, &c.)
MERSEY, a river of England, which has its em-bouchure on the W. coast of the island, in the Irish Sea. Though not large, the Mersey has, from its flowing through the principal manufacturing district of the empire, and giving its name to the gulph or sestnary between Lancashire and Cheshire, become, in point of commercial importance, second only to the Thannes. It has its sources in the great central ridge, or Pronine chain, on the confines of Yorkshire, Cheshire, and Dechain, on the confines of Yorkshire, Cheshire, and Der-byshire. After receiving the Goyt from the S., and Gowing W. through Stockport, it is joined by its im-portant affluent the Irwell. The latter, which has its source in the Lancashire moors, near Hastingdom, flows 8. through Bury to Manchester, where, being joined by two smaller streams, it takes a westerly course, till its confluence strict the Mersey. After being still farther increased by the Bodon from Macclestield, the Mersey latter. increased by the Boden from Macciesheid, the Biersey passes Warrington, a little below which it expands into a magnificent estuary, having the great commercial pott of Liverpool on its N. side, near its junction with the Irish Sea. The Mersey and Irwell have been rendered navigable from Sankey Bridge to Manchester; and projects are now on foot for improving and deepening the navigation. (See MARCHESTER.)

jects are now on foot for improving and deepening the mayeration. (See MASCHESTER)

MERTHYR-TYDVIL, a part, bor., market-town, and part of S. Wales, co. Glamorgan, bund. Caerphilly, on the Taff, 19 no. N. by W. Cardiff, and 140 m. W. by N. London. Pop. of part, bor., which includes nearly all the part of Mertbyr-Tydvil, and the entire part of Aberdare, with a small portion of the part of Vaince, 42,017 in 1841, but now (1850), probably, 52,000. "The town his on the E. side of the valley, down which the Taff descends to Cardiff, scattered in detached masses about the valley and on the hills, sending forth branches in different directions; and fresh groups are continually rising in the neighbourhood of the great fron-works, so that it is somewhat difficult to point out where any collection of houses ends or begins." (Bound. R.P.) The houses, generally speaking, a. e mean-looking, comprising "labourers' cottages, or small ale-houses, beer-shops, or retail shops;" but in the centre of the town there are three tolerably respectable streets, forming a triangle, at one point of which is the parish church, a modern and well-built structure: the living is in the gift of the Marquis of Buta. There is, also, a

chapel-of-case, besides several places of worship for dissenters; and the various Sunday-schools of the town give religious instruction to nearly 6,000 children of both sexes. National, Lancastrian, and other subscription schools, have likewise been formed, and are well attended. A philosophical society and several book-clubs have been established; and there is abundant proof that education is advancing among all classes. A theatre has been built within these few years, and there are two good hotels. In the environs are many handsome seats, belonging to the wealthy iron-masters; and 3 m. N. of the town, on an insulated hill, stand the ruins of Morials Castle, a very ancient building, demolished during the late civil wars.

The rise of Merthyr has been rapid, almost beyond belief. Towards the middle of last century it was an insignificant village; in proof of this, it is sufficient to state, that, in 1765, the lands and mines for several miles round the village, the seat of the great works now erected, were let for 99 years for 2004, a year. It is wholly indebted for its prosperity to its rich mines of coal, fronce, and linestone. The stratum of coal, which is of excellent quality, is accompanied by parallel veins of argillaceous iron, penetrating to a great depth, and yielding, at an average, about 35 per cent. of metal. The fron-works are on a vast scale; those of Sir John Guest and Co. at Dowlais, of the Messrs. Crawshay at Cyarthia and Hirwain, having actually raised up very populous townships; the Pen-y-darran and Plymouthironworks are also very extensive. In all, about 150,000 tons of iron a-year, are produced in the immediate vicinity of the town. Of this, a large proportion goes through the various processes of refinement and rolling into bars, previous to being shipped at Cardiff. The furnaces, refineries, and rolling-mills employ a great many persons; the wages for men ranging irom 12z. to 60x; of women, from 6x. to 10x.; and boys, 7x. to 11x. per week. The trade is of a very fluctuating character, and 2 or 3 furnaces. Distress, however, is less permanent here than in many other districts, as "the work is one requiring less experience than many other manufactures; so that a demand for labour is readily met by a supply; while, on the other hand, the labourers feel no great reductance to transfer themselves to fresh employments." (Bound. Rep.) It is said by Mr. Nicholson, in the last edition of the Cambrian Gwide, that "there is a marked improvement in the houses of the workmen; most of them have good oak chests of drawers, bright as silver; cupboards, with a display of family china cups and glasses; some of the younger women have a venered work-box; and all these little things display an attention to the lesser comforts and luxuries of life, of which, a few years ago, they had no idea. On the whole, there is a decided improvement in the general condition and circumstances of our workmen." (P. 421.)

But, notwithstanding their comparatively comfortable condition, and the great increase of temperance societies, it would seem that Chartist doctrines have made a very considerable progress among the labourers in this district, a circumstance for which it is not very easy to incount. A large portion of the Chartists engaged in the outbreak at Newport, on the 4th of November, 1839, were understood to be from Merthyr and the adjoining from-works. It is to be hoped that the severe, but wholesome, castigation they received on that occasion may not have been thrown away; and that it may help to disabuse them of their prejudices, and hinder them from again becoming the dupes of designing demagogues.

The communication with Cardiff is effected by means of the Glamorganshire Canal (completed in 1794), which commences at Merthyr, and ends, after a course of 25 m., in the tideway of the Taff, near its entrance hat of the Tag and the imports of the various articles required for the subsistence of the popular of Merthyr, Aberdare, &c., with Cardiff, has given a fresh stimulus to the trade of the former, by facilitating the subm

MESSINA.

passed in 1830 for the better security of life and property in this district; and the three para. of Merthyr-Tydvff, Aberdare, and Gellygare are under the superintendence of a stipendiary police magistrate, having a salary of 800l. a year, half of which is levied on the furnaces within the limits of his jurisdiction, and half on the finabilitants of Merthyr alone. Markets on Wednesday and Briday; cattle fairs May 14., let Monday in July, and 1st Monday in Aug.

MESAGNE, or MESSAGNA, a town of the Neepolitan dom., prov. Otranto, cap. cant., 8 m. S.W. Brindisi. Pop. 5,000. Pl thas several convents, an hospital, and a fine palace, belonging to the Francavilla family. It manufactures kitchen utensils; and has some trade in oil and grain, considerable quantities of which are grown in its vicinity. Mesagne is supposed by many Italian authors to be the representative of the an. Mesagna, but this is doubtful.

MESHED, a city of Persia, the cap. of Persian Kho-

Italian authors to be the representative of the an. Messagia, but this is doubtful.

MESHED, a city of Persia, the cap. of Persian Khorassan, and esteemed as "holy" from its containing a very super's sepulehre, enclosing the remains of imam Reza and the caliph Haroum al Raschid, 455 m. E. by N. Tchearan; lat. 360 17' 40" N., long. 59' 35' E. Pop., according to Kinneir, 50,000. It stands in a rich and well-watered plain, is surrounded with a strong wall, and its divided into 12 quarters, of which 5 are in ruins. The houses are meanly built of sun-dried bricks, and the ark or palace is unworthy of its name. There were formerly 16 medressas or colleges; but most of them are either deserted or in ruins. Indeed the city has now little worth notice, except its fine and well supplied bazaar, and the

houses are meanly built of sum-dried bricks, and the ark or palace is unworthy of its name. There were formerly if medressas or colleges; but most of them are either deserted or in ruins. Indeed the city has now little worth notice, except its fine and well supplied bazaar, and the mausoleum of Imâm Reza, the magnificence of which with its silver gates, jewelled doors, rails once of solid gold, glittering domes and minarets, and handsome arcades, is almost unequalled in Fersia. It has, however, been often plundered; and its resources are said by Mr. Fraser to be greatly reduced. Meshed carries on a considerable trade with Bokhara, Balkh, Candahar, Yesd and Herat; and many of the inhabitants are employed in weaving velvet and making fine pellases, both of which are much esteemed throughout Persia. (Kinsei's Persia; Fraser's Khorasson, 4c.)

MESSINA (an. Zessele and Messons), a celebrated city and sea-port of Sicily, cap. Intendency, near the N. E. extremity of the island, on the strait of its own name, 8 m. N. W. Reggio, 56 m. N.N. E. Catania, and 190 m. E. by N. Palermo; lat. (of its lighthouse) 380 1130 N. 1. long. 150 24 40° E. Pop., in 1831, including that of its canton, 83,772. The city has a most imposing appearance from the sea, forming a fine circular sweep, about 2 m. in length, on the W. shore of its rithingly contrasts with the dark forests that cover the mountains in the background. Prior to 1783, the harbour was frouted by a magnificent terrace of lofty houses, called the Pallexzais, having in front a broad quay decorated with statues and fountains. But the great earthquake of that year laid the city almost entirely in ruins, and shough the terrace still exists, it is shorn of its former grandeur. The quay in its front, called the Messina before 1783, complained that its intestor was dirty, with narrow streets, gloomy house, little bustle of trade, and still less show of lava, and several of its streets are wide and handsome, ornamented with numerous churches, convents, staines and fountains. The sq * According to the official voturns the pop., in 1795, was only 45,005, so that it would appear to have nearly doubled in the interval.

MESSINA.

sellege, &c. Messina is surrounded by an old irregular wall, finished by Charles V. The citadel, a pentagonal fortreas, erected on the S. side of the harbour, is constructed according to the principles of Vauban; but though well provided with bomb-proof quarters and stores, it is badly situated and commanded in almost every part. Two strong and well built forts have, however, been constructed on eminences above the town, that would greatly annoy and harass an enemy during any operation against the citadel. The town is further delended by a fort placed so as to command the mouths of the Flumara, which are the only places where an enemy could land with cannon. The port, to which Messina is wholly indebted for her prosperity, and even resistence, is formed by a lengthened carved tougue of land, that might almost be supposed to be an artificial circular mole, projecting first N. E. from the main land, and then bending round to the W., in the form of a sickle. The entrance on the N., about 700 yards across, is defended on the W., or main-land side, by the bastion of Porto Reale, and at the extremity of the curved promontory by Fort Salvatore. A light-house has been constructed on the extreme E. verge of the promostory. The noble basin thus enclosed is about 4 m. in circuit, and having deep water throughout, is espable of accommodating the largest feets: it is, in fact, not only the finest harbour in the Mediterranesn, but one of the finest of which we have any certain knowledge. Men-of-war moor in the centre of the basin in about 35 fathoms; but merchantmen lie alongside the quay, and have every facility for loading and unloading. The prasique-office, the fah. market, and the customhouse, are all on the Marina. The lasaretto, the best establishment of the kind in Sicily, is in the senior of the barbour. The situation of Messina, on the strait between Italy and Sicily, and her admirable port, give her great advantages as a commercial, entrephy, and hower Sicily and Naples subject to an enlightened governmen

Account of the Quantities and Value of the principal Articles exported from Messina in 1847.

	Arge	les.	Weight or Mes- sure.	Quan- tities.	Total Value.		
Argola and co		d town			cwts.	5,400	7,020
Barilla	cann o	in roter		- 2	Carte.	4,600	1,610
Brimstone	1	- 3				51,800	12,320
Csyrharides	9	2		-	- 1	35	770
Cherse		7				1,300	1,950
Energoes	-				Ubes.	153,000	20,600
Fish, salted		-	-	- 0	CWIS.	5,100	8,925
Fruits, dried	Acc.	2	0.1		100	24,500	36,750
orani	100 TEN	d Lemi	irus.	-	hoxes	338,000	84,500
Grain and pu	lan			1. 2	qrs.	5,000	5,700
Lemon julor			0.1	- 2	galls.	46,300	6,945
Linesed		-	-	-	qrs.	4,150	7,209
Liquorice pa	ste:			-	cwts.	2,050	3,587
Manna					-	140	1,290
Oil, olive		-			galls,	85,500	17,100
Rags -	-				cwrs.	6,800	6,120
Seeds -					_	820	416
Shamac		1.6		-	-	14,400	6,120
Silke -	-	-	-	-	Ibs.	72,800	54,600
Skins -	*			-	No.	80,000	2,640
Wine and sp	brits	-		-	guils.	98,000	24,500
Other article				4	value		25,000
	Total	-1					315.68

Total

(Macgregor's Reports on Sicily; Smyth's Sicily, pp. 112

-123: Rassell's Sicily, pp. 250-261, &c.)

Messina is the see of an archbishop, and the residence of a Greek protopapas, with authority throughout Sicily, but who is mominated by the pope. It is the seat of a royal court of appeal, and of criminal, civil, and commercial tribunals; and has a municipal bank, several montials pictals, or government loan banks, and other benevolent institutions. Next to commerce, its inhabs are chiefly occupied in the tunny and other fisheries; and in the manufacture of silk stuffs, especially damasks and satina. It has an ecclesiastical seminary, a lyceum, a royal college for law and medicine, and an extensive public library; but Simond says that Messina appears to have made slow progress in refinement, compared with Catania or Falermo. "The education of young people is more neglected; very few in the lower ranks can read; and the nobility do not in general reside in Messina; in short, it is neither fashionable, nor learned, nor rich; nor is it, I think, particularly hospitable." (Simond's Italy,

*This, in the old Sicilian language, was called Zareko, whence * This, in the old Sicilian language, was called ZareAn, whenother eriginal name of the town. (Thucydden lib. vi. cap. 5.)

METZ.

811

dc., 525.) But, how desicent soever in these respects, Messina has advantages of another sort that entitle her, in the estimation of her citizens, to look down with contempt on most other places. These consist in the possession of an antograph letter of the Virgin Mary, addressed to the Messinians, and assuring them of her especial protection; and what is, if possible, still more precious, a leck of the Virgin's hair, given by her to the persons entrusted with the conveyance of the letter! To question the genuineness of these valuable relics would, in Messina at least, he rather hazardous; and, under such circumstances, we need not wonder that it is firmly believed that, on one occasion, the city was saved from famine by the opportune arrival of a supply of corn, sent by the Virgin. The only wonder is, that she has allowed it to be so often brought to the brink of destruction by the Virgin. The only wonder is, that she has allowed it to be so often brought to the brink of destruction by earthquakes, and devastated by the plagua. A splendid file is annually given in the great square in honour of the exalted protectress and benefactures of the city. Very few vestiges of the ancient city remain; a consequence, no doubt, of the numerous earthquakes by which it has been visited.

The desiration of the administration of Mexico.

Jele is annually given in the great square in honour of the existed protectres and benefactress of the city. Very few vestiges of the ancient city remain; a consequence, no doubt, of the numerous earthquakes by which it has been visited.

The accounts of the origin and early history of Messina differ considerably. It is admitted on all hands to be very ancient; and most probably derived the name it has so long borne from a settlement having been made in it by a body of emigrants from Messene, in Greece. Having been seized by the Mamertini, it became, under them, one of the most populous, wealthy, and powerful cities of Sicily. It was the first town of the island that came into the possession of the Romans. (Cellari Orbis Antiqui, I. 973.; Ascient Universal History, iii. 512., 870. ed.)

The principal political events in the history of Messina, modern times, are its successful resistance to Charles of Anjou, by whom it was besieged, after the Sicilian Vespers; and its revolt against the Spaniards in 1674, followed, in the ensuing year, by the defeat of the latter in its vicinity by a French force. In 1743 the plague broke out in Messina, with the most destructive violence, sweeping off the greater number of the inhabs.

METZ (an. Disodersus, afterwards Mediomatrici and Metis, whence its present name), a strongly fortified city of France, dep. Moselle, of which it is the cap., at the junction of the Moselle and Seille, 80 m. W. N. W. Strasbourg, and about 180 m. R. N. E. Paris; lat. 490 77 B*N., long, 6° 1' 15" E. Pop., in 1846 63,576. Mets is a fine old city; but, like most fortified place, the streets are narrow, and the houses lofty. Near the river it is more open, the quays are broad, and the bridges magnificent. The river is clear and rapid, and swells to an expanded stream where not confined by the embankments, as it is within the fortifications." (Jacob's View of Germsway, 4c., p. 436.) Mets was fortified by Marshals Vauban and Belletisle : it has several strong outworks, and a citaded on the Moselle; but

† There is some discrepancy in the authorities as to these mus-ares; but the above must be nearly accurate.

struction, and collections in natural history, inheralogy, and chemistry; a botanic garden, a lying-in hospital, a tavings' bank, a mont-de-pieté, &c.

Metz is the see of a bishop, and the seat of a royal court for the deps. of Moselle and Ardennes, and of tribinals of primary jurisdiction and commerce, and a chamber of commerce, and the head-quarters of the third military division of France. "It is also a manufacturing city, in which are made woollen goods of various kinds, hosiery, cotton goods, table-linen, printed paper, musical instruments, starch, and gunpowder; it has, besides, several extensive tanneries. Much trade originates here from the produce of the vines, some portion of which is converted into wine, but more into brandy and vinegar; and Metz is celebrated for the preparation of various kinds of confectionery. It is encircled by hills, covered from the bottom to the top with fruit-gardens and vineyards. The vineyards are mostly in small divisions, and principally cultivated by small proprietors, who are extremely poor, and almost all involved in debt to the capitalists of the city, who take from them their wine, brandy, and vinegar as soon as it is made." (Jacob's Fiew of the Agric. of Germany, &c., 436—438.)

The royal gunpowder factory, on an island in the Moselle, near the city, is superior to most others in the kingdom. Metz has also a royal cannon foundry, a salt-petre refinery, and produces leather, cotton yarr, military and other hatts, muslins, beet-root sugar, chicory, nails, and other articles of hardware, cuttery, buttons, glue, &c.

This is a very accient city. It still possesses several ruins belonging to the Roman period, among which are the remains of an aqueduct, that appears to have conveyed water to a manuachium near the S. extremity of the city. It suffered considerably, about anno 70, from some excesses of the troops of Vitellius (Taciti Hist., lib. i. cap. 73.), and was nearly destroyed by the savage barbarism of Attila in 452. It had, however, recovered large portion of its

town, and Charles was obliged to relinquish the siege.
It was finally annexed to the French crown by the treaty
of Westphalia, in 1648. (Hugo, art. Moscile; Guide du

It was finally annexed to the French crown by the treaty of Westphalia, in 1648. (Hugo, art. Moselle; Guide du Voyageeur, &c.)

MEURTHE, adep. of France, reg. N.E., formerly part of the prov. of Lorraine, between lat. 48° 20° and 49° N., and long. 5° 40° and 7° 20° E., having N. the dép. Moselle, E. Bas Rhin, S. Vosges, and W. Meuse. Length, E. to W., 74 m.; average breadth, about 35 m. Area, 608,922 hectares. Pop., in 1846, 445,991. The Vosges mountains run through the E. part of the dep., the surface of which is mostly covered with their ramifications, though these rise to no great elevation. The dep. belongs almost wholly to the basin of the Moselle, which river intersects its W. part from S. to N., and is joined, within its limits, by the Meurthe. The latter rises in the dep. Vosges, runs generally in a N.W. direction, and, after a course of between 70 and 80 m., unites with the Moselle about 5 m. below Nancy, to which it is navigable. Besides Nancy, St. Dié and Luneville are on its banks; and it receives the Mortagne, Vezouze, and Mexulle. The Seille and Sarre are the other chief rivers of the dep. There are numerous small lakes, one of which occupies an area of 622 hectares of the surface were arable, 71,851 in pasture, 16,371 in vincayards, 116,209 in woods, and 6,236 in orchards, &c. The land is very unequal in point of fer-rillty, and is very indifferently farmed; but more corn is grown than is required for home consumption. The total produce of the harvest of 1835, was estimated at orchards, &c. The land is very unequal in point of fertility, and is very indifferently farmed; but more corn is
grown than is required for home consumption. The
total produce of the harvest of 1835, was estimated at
3,434,500 hectolitres, chiefly wheat and oats; in the same
year, the crop of potatoes was estimated at 2,142,000
hectolitres. Before the Revolution, the culture of the
vine was limited to the declivities of hills with a southern
aspect; but its culture has since been very much
extended, the quality of the produce being less regarded
than the quantity. About 350,000 hectolitres of while are
supposed to be produced annually, of which the greater
part is consumed in the dep. The wines are generally
inferior, though the growths of Pagny, Thiancourt,
Armaville, Baudonville, and others, may be classed among
the secondary qualities of vins ordinaries. (Jailies, Tonographic, p. 46.) Dried plums and preserved apricols
form important articles of commerce; and the forests,
which are more extensive than in most depts, farnish a
good deal of timber. The pastures are naturally good,
but receive little attention from the farmer. In 1330,
there were estimated to be \$4,000 head of black cattle,
and 167,000 sheep, in the dep., but both are of indifferent

MEUSE.

quality. The breed of horses has been improved by the fine stud of Roslères. Hogs of an improved breed are numerous, and their flesh and lard are sent to distant parts of France. A great many poutry are reared. Property is much subdivided. In 1835, of 171,682 properties subject to the constribution foncibre, 100,343 were assessed at less than 5 fr., and 24,437 at from 5 to 10 fr. Turf and lime are among the chief mineral products, there are some quarries of marble and alabanter, and a few iron mines; but the latter have been abandoned. The salt mines and springs at Dieuse, Vic, Moyenvic, &c., yield about 45,000,000 kilogr. of salt, and 1,000,000 do. of soda a year. About 22,000 hands are said to be employed in the manufactures of cotton cloth and yarn, woollen stuffs, glass, and earthenware, and in embroidery, dyeing cotton stuffs, tanning, &c. At Baccarat is a large glass manufactory, employing a great many hands.

wooten stuffs, tanning, &c. At Baccarax is a large glass manufactory, employing a great many hands.

Meurthe is divided into 5 arronds: chief towns, Nancy the cap., with 38,569 inhabs., Toul, Château-Salins, Sarchourg, and Luneville. Total public revenue, in 1844, 20,116,980 fr. (Hugo, art. Meurthe; Official Tables) MEUSES, a dep. of France, reg. N.B., formerly part of the prov. of Lorraine, chiefly between lat. 489 25' N., and 10ng, 50' and 69' E.; having N. Dutch Luxemburg and the deps. Ardennes and Moselle, E. Moselle and Meurthe, S. Vosges and Haute Marne, and W. Marne and Ardennes. Length, N. to S., 80 m; greatest breadth, about 40 m. Area, 620,555 bectarce. Pop., in 1846, 325,710. Surface generally hilly, the hills being ramifications of the Vosges and Fauctlles mountains, with an average height of from 1,000 to 1,200 ft. The Meuse traverses the dep. in its entire length; the other principal rivers are the Ornain, Chiers, and Aire. The plateau, in the E., separating the basins of the Meuse and the Moselle, and other portions of the surface, are not very productive; but there are, not withstanding, are not very productive; but there are, not withstanding, are not very productive; but there are, not withstanding, The plateau, in the E., separating the basins of the Meuse and the Moeelle, and other portions of the surface, are not very productive; but there are, notwithstanding, about \$25,000 hectares of rich soil in the dep., chiefly in the valleys of the Meuse and Ornain. In 1834, according to the official tables, 335,190 hectares were arable, 69,472 do. in meadows, 13,404 do. in vineyards, 7,387 do. in orchards, &c., and 137,755 do. in woods. The produce of corn in 18-15 was estimated at 2,440,000 hectolitres, of which 1,192,000 were wheat. Potatoes, oleaginous plants, hemp, and fax, are among the other articles of culture. Gooseberries are extensively cultivated in the gardens round Bar and Ligny, and enter largely into the confectionary, for which those towns are celebrated. The produce of wine is estimated at about 400,000 hectol. a year. The wines of Bar-le-Duc, Bussey-la-Côta, Preue, Ligny, &c., are delicate light wines, ranking in the first class of vinus or disastres; but they do not keep above two years, and do not bear carriage. (Julius, 43.) Along the Misuse are rich pasture lands; and at Vold, cheese, similar to that of Gruyère, and excellent butter, are made. A good many cattle and sheep are reared in the dep.; but live stock is in general indifferent. The produce of wood is estimated at upwards of 14,000 kilogr. a year. In 1835, of 157,180 properties subject to the constibution functive, 89,566 were assessed at less than 5 fr., and 32,169 at from 5 to 10 fr. Iron, slates, and good building-stone, are the chief mineral products. There are between 30 and 30 iron furnaces (Assis fournessus) the heavy of the establishments at Thounelle and Stenay produce each about 1,500,000 kilogr, of iron a year. About 500,000 kilogr, a year of cotton yarn are made at Bar-le-Duc, which, also, has fabrics of paper; func, &c., and is the entreption of a large trade in timber from the forests of the dep. There are numerous glassworks, with lime-kilins, potteries, best-root sugar factories, &c.

slue, &c., and is the entropid of a large trade in timber from the forests of the dep. There are numerous glassworks, with lime-klina, potteries, beet-root sugar factories, &c. Many working cutlers, shoemakers, and other artisans, emigrate for a part of the year from this into other parts of France, and even to the adjacent foreign countries, with the products of their industry, or in search of employment. Meuse is subdivided into 4 arronds.; chief towns, Bar-le-Duc, the cap., with 12.678 inhabs., Commercy, Montmédy, Verdun. Total public revenue (1844) 10,412,024 fr. (Hugo, art. Meuse; (Afficial Tables, &c.)

MEUSE OF MASSE (Dutch Mass, an. Moss), a river of W. Europe, flowing through the N.E. part of France, Selgium, and the S. of Holland; its basis being situated between those of the Marne and Scheldt to the W., and of the Moselle to the E. It rises in the dep. of Haute Marne, in France, 10 m. N.E. Langres, in about lat. 48° N., 10ng. 5° 20° E., and runs at first generally N. through the deps. of Haute Marne, Vogges, Meuse, and Ardennes. Near Charlemont it leaves France, but it continues its previous direction to Namur, where it receives the Sambre from the W. It here makes a sudden bend to the N.E., in which direction it continues through the proves. of Namur, Liege, and Limburg, to about lat. 51° 30° N. It afterwards curves to the W., Sowing between N. Brabant and Guelderland; and family at Woudrichem, in lat. 51° 49°, and long. 5°, enters the Rhine or Waal, which loses its own name to assume that of the Mass. (See Reine.) Its entire course

be estimated at 400 m.; nearly the half of which is ! say be estimated at 400 m.; nearly the half of which is in France. It is navigable for 3-4ths of this extent, or as far as Verdun, dép. Meure. Its chief affluents are the Bar in France, the Lesse, Sambre, and Ourte in Belgium; and the Roer and Niers in Holland. Proceeding from its souch to the mouth, the chief cities and towns on its banks are Neufchâteau, Verdun, Sedan, Mestières, Charlemont, and Givet in France: Dinant, Namur, and Liege in Beiglum; and Maestricht, Roermond, Venloo, and Grave in Holland, before its junction with the Rhine.

Rhine.

The Meuse communicates with the Alsne, and thence with the Seine and Somme by the canal of Ardennes; with the Scheldt, by means of the Sambre and the Charleroy canal; and with both the Scheldt and the Rhine by the various branches of the Great North Canal; in addition to which, many other canals concerned with it are in progress. (See also Bergium, I. 20.6. 327.)

Ruine by the various to which, many other canals connected with it are in progress. (See also Belgium, I. 225-6, 237-)

MEXICO (UNITED STATES OF), a federal republic of N. America, lying between the 15th and 33d parallels of N. lat. and 970 and 1130 W. long., being bounded N.E. and N. by the Waitriets of the United States of N. America, including New California, E. by the Gulph of Mexico and the State of Texas, S. by Guatemala, and W. and S. W. by the Pacific Ocean. The line dividing Mexico from Texas commences with the Rio Grande del Norte, which it follows up to the 33d deg. of lat. and the 105th deg. of long., whence it stretches N.W. till it joins the Gila, an affluent of the Colorado, and then W. till it reaches the Pacific in about 32d deg. In. The line of separation on the side of Guatemala is very irregular. If Yucatan be inc. in the confederation, the boundary will run along the N. side of British Honduras, Vera Paz, and Guatemala, till it joins the Pacific on the S.E. side of the Gulph of Tehmantepec. The area has been estimated at 1,000,000 sq. m. But nothing can be more unsatisfactory than our acquaintance with this vast country: few even of the principal towns and rivers are correctly laid down, except, indeed, within the small circle personally visited by Humboldt, so that not even the elements of a good map exist; and, with respect to pop., and other statistics, the unsettled, disorderly, and almost lawless state of the country, makes inquiry all but impossible. The following table has been printed in the American edition of Murray's Encyclopedia of Geography, and some other works, and those hen printed at :—

States.	Entent in eq. m.	Pup in 1837.	Pop. to sq. m.	Capital Cities.
Chimpes -	- 18,750			Ciudad de las Casas
Chihushua -	- 107,500			Chibushua.
Cohabuila .	193,600		0.5	Salvillos
Durange -	- 54,500		2.8	
Guanaxuaio -	- B,000		62.5	Cruspayusto.
Mexico -	- 35,450	1,500,000	49.3	Tencuca.
Michaean .	* 22,466	460,000	20:5	Valladolid.
New Leon -	- 21,000	100,000	4-8	Monterey.
Ouraca + *	- St,650		20-2	Oaxaca.
Puebla	- 18,440		48-8	La Puebla.
Querdiaro -	7,500	100,000	15:3	Querétaro.
San Latin Potosi	19,000	300,000		S. Luis Potnii.
Sumora and Sinalu		200,000	1.5	Villa del Fuerte.
Tabasco	14,676	75,000	5-1	Villa-bermont.
Tamoulthas, or No.		10,000		A THE COST HOUSE
Santander	- 35,100	150,000	4.3	New Santander,
Vera Cruz -	27,660	150,000		Xalapu.
Nalisco	70,000	870,000		Guadalaxara
Vucatan -	79,500	370,000	7:9	CHARLES AND STORE
Zacatecas -	19,950	200,000		Merida.
Federal district		200,000		Zacalenas. Mexico.
		a	2.2	SOURIED.
Total of States Territories	1,030,442	7,557,000	7:5	
Collina		7.40,000		Colima.
Flancala	F - 21	7 66,000	101	Tiascala.

The most populous cities are Mexico (150,000). Guada-laxara (60,000). San Luís Potosi and la Puebla (55,000 each). Oaxaca and Querétaro (40,000 each), Guanaxuato (34,000), and Merida (28,000).

Of this great tract of country, which is about 1-3d as large as Europe, the portion lying S. of the tropic of Caucer, and comprising a large part of the long and nar-zow isthmus that connects the American peninsulas, and separates the Atlantic from the Pacific Ocean, is by far the most populous and rich, both in mineral and vegetable productions; and nearly all the information gained respecting Mexico has been collected in that part, to which consequently it is primarily applicable. The regions N. of the tropic become less populous as we proceed northward; and many large districts claimed by the republic, and divided into states and territories, are almost unknown, being inhabited only by wild Indian tribes, baffling all the attempts of their nominal masters to civilise or subdue them.

The surface of Mexico is extremely varied; and to

this circumstance, nearly as much as to the difference of this circumstance, nearly as much as to the difference of latitude in so extensive a country, may be attributed that singular variety of climate by which it is distinguished from most other regions. The Cordillera, or chain of mountains, generally regarded as a portion of the great chain of the Andes, that enters Mexico on the S., where it borders with Guatemala, diverges, as it proceeds where it borders with Guatemala, diverges, as it proceeds N., into two great arms, like the upper part of the letter Y, following the line of the coasts on either side. The most westerly of these chains, or that parallel to the shores of the Pacific Guean, has some very high summits; and Y, following the line of the coasts on either side. The most westerly of these chains, or that parallel to the shores of the Pacific Ocean, has some very high summits; and preserves its mountainous character till it joins, on the border of the United States, with the Oregon, or Bocky Mountains. The other, or eastern arm of the Cordillera, begins to subside after reaching the 21st or 22d deg. of lat., and ultimately subsides, about the 26th or 27th deg. of the vast tract of country between these two great arms, comprising about three-fifths of the entire surface of the republic, consists of a central table-land, called the Plateau of Anahuac, elevated from 6,000 to upwards or 8,000 ft. above the level of the sea! Hence, though a large portion of this plateau be within the limits of the torrid zone, it enjoys a temperate climate; inclining, indeed, more to cold than to excess of heat. Some very high mountains are dispersed over the surface of the central table-land; and it is also traversed in parts by pretty well defined ridges, which divide it into extensive sub-plateaus, to which different names have been given. But the surface is interrupted by few transverse valleys; and in some directions it is quite unbroken, either by depressions or by hills. Thus, it is mentioned by Hum-depressions or by hills. Thus, it is mentioned by Humand in some directions it is quite unbroken, either by depressions or by hills. Thus, it is mentioned by Humboldt, that carriages proceed from the capital, in the centre of the plateau, to Santa Fé, in New Mexico, a distance of 1,400 m., without any important deviation from an apparent level. (Essai sur la Nouvelle Espagne, I. 234.)

The most remarkable tract in this clevated region is the The most remarkable trace in this servator region is too plain of Tenochitikan (in which is the cap.), surrounded by ridges of porphyritic and basaltic rocks, running S.S.E. and N.N.W. It is of an oval form, 55 m. long, and 37 m. broad. occupring an area of 1,700 sq. m., of S.S.E. and N.N.W. It is of an oval form, 55 m. long, and 37 m. bread, occupying an area of 1,700 sq. m. of which about 160 sq. m. are covered with water. Its S.B. side is that most elevated, and here are seen towering above the plain the volcanoes of Popocatepet 17,716 ft., Intacchuati 15,700 ft., Cittalapeti or Orisaba 17,380 ft., and Nauhcampapeti or the Cope de Perote 13,416 ft. above the sea. The waters of the valley are deposited in 5 principal lakes situated on different levels: that of Tezcuco, which is near the centre of the valley, and coabove the sea. The waters of the valley are deposited in 5 principal lakes situated on different levels: that of Tercuco, which is near the centre of the valley, and covers 70 sq. m., is the least elevated. Further N. are the lakes of St. Christoval and Tonantita: while S. is the lake Chalco, occupying an area of 50 sq. m.; and these three are 5ft. higher than lake Tercuco. The most elevated, however, of the whole, though the smallest; is the lake Zimpango, the level of which is 30 ft. above that of Tescuco. These lakes are fed by small rivers, and having no natural outlet, are drained by the Desague of Huchuetoca, an artificial canal cut through the rock, 12 m. in length, 150 ft. deep, and 300 ft. wide; having its embouchure in the river Panuco, which flows into the Golph of Mexico. This great work, completed in 1789, at an expense of 1,282,2004., was undertaken to obviate the frequent immdations, some of which did great damage to the capital. The water of lake Tercuco is salt, that of the rest is fresh; but from those to the S. sulphuretted hydrogen gas is copiously disengaged, the smell of which is often perceptible at Mexico.

Besides the voicances already noticed, those of Tuxtla, Jorullo, and Colima, in the table-land, are at present in a state of activity, and there are several others now extinct. Jorullo, which stands W. of the city of Mexico, first broke out in 1759; when a tract of ground, from 3 to 4 m. square, swelled up like an inflated bladder, emitting flames and fragments of rock through a thousand apertures. These active voicances seem to be connected with others parallel to them, and obviously of similar origin. Earthouakes are frequent in Mexico, but they

with others parallel to them, and obviously of similar origin. Earthquakes are frequent in Mexico, but they

seldom do much mischief.

The geological formation of the Mexican Cordilleras The geological formation of the Mexican Cordilleras differs considerably from that of the great mountains of Europe and Asia, in which granite is overlaid by gneiss, mica, and clay-slate; for here we seldom meet with granite, as it is covered with porphyry, greenstone, amygdaloid, basalt, obsidian, and other rocks of igneous origin. Granite, however, appears on the surface in the chaln bordering the Pacific, and the port of Acapuico is a natural excavation in that species of rock. The great central plateau of Anahuze, between lat, 149 and 390 N. a natural excavation in that species of rock. The great central plateau of Anahuac, between lat. 140 and 200 N., is a mass of porphyry, characterised by the constant presence of hornblende, and the entire absence of quarts; and in it are contained large and valuable deposits of gold and silver. These ores, however, are found in various rocks: in the mines of Comanja rich veins of silver occur in sienite; in those of Guanaxuato, which are the richest in Mexico, the metal lies in a primitive clay-slate possing into talc-slate; and those of Real del Cardonal, X scala, and Lomo del Toro, are situated in a bed of transation limestone. Humboldt says, that there were at the

time of his visit 3,000 mines of gold and silver in Maxico; but the ignorance and misrule which prevail in the country have greatly diminished their importance as a source of wealth.

country have greatly diminished their importance as a source of wealth.

Rivers.— Mexico suffers serious disadvantages from the want of water, and the rivers, as compared with the extent of territory, are few and unimportant. The Rio Grande del Norte, indeed, has a course of more than 1,300 m., and the Colorado runs about 700 m. into the Gulph of Mexico. The Rio Grande de Santiago, called by the natives Tolorolian, rises in the centre of Mexico, not far from the capital, and, after traversing the take Chapala, falls into the Pacifica at San Blas. The Baissas, or Zacatula, and the Yopes, are the only other rivers on the W. side of the plateau, and on the E. side are the Tula and Tampico and the Tabasco, flowing into the Gulph of Mexico; but they, have bars at their mounts, which prevent the entrance of large vessels. The other rivers are short, and might more properly be called torrents. The lakes are numerous and extensive; and the principal, besides those in the plateau of Temochtitan, already mentioned, are Chapala, in Xalisco, which, according to Humboldt, covers an area of 1,300 sq. m.; Pascuara in Michoacan, Mextitian, Cayman and Parras, the two last being in the tract called the Bolson de Mapimi.

Climate. — The temperature and climate of Mexico is,

being in the tract called the Bolson de Mapimi.

Climate. — The temperature and climate of Mexico is, of course, extremely various; owing, not only to its great extent from N. to S., but also to the rapidity of the slope both on the E. and W. side. The climates, especially on the E. side, are most distinctly marked by the vegetation. On the ascent from Vera Cruz, says Humboldt, climates succeed each other in layers; and the traveller passes in review, in the course of two days, the whole scale of vegetation, from the parasitic plants of the tropics to the pines of the arctic regions. (Essai Pol. sur la Nouv. Espagne, 170—189.)

Maylen is divided.

of the arctic regions. (Essai Pol. sur la Nouv. Espague, i. 270—289.)

Mexico is divided, as respects climate, into the sterras calicates, or hot regions, the tierras templadas, or temperate regions, and the tierras/prias, or cold regions. The first, or the tierras calicates, include the low grounds, or those under 2,000 ft. of elevation, on its E. and W. coasts, comprising the greater part of the states of Taumalihas, Vera-Cruz, Tabasco, and the peninsula of Yucatan, on the former. The tierras calicates, on the W. coast, are less extensive, the eastern arm of the Cordillera approaching nearer to the sea. The mean temperature of this region, or, at least, of that portion of it between the tropics, may be estimated at about 77° Fah., being from 14° to 16° above the mean temperature of Naples. It is especially suited for the growth and cultivation of sugar, indigo, cotton, and bananas, which flourish in the utmost luxuriance.

In is region is occurs under the serious disadvantage of being nearly inaccessible by sea for half the year, and of being extremely unhealthy during the other half. The winter, on the E. coast, extends from about Oct. to the vernal equinox; and during this season, in the Guiph of Mexico, N. or N. W. winds (los sorter) are extremely prevalent, blowing with more or less violence. Frequently, especially in the month of March, the N. winds quently, especially in the month of March, the N. winds approach to the strength of a hurricane, and continue to blow with the utmost violence, and without intermission, for 3, and, sometimes, even for 10 or 12 days together. During the whole of this season the navigation of the gulph is exceedingly dangerous; but on shore the heat is moderate, and the coast free from fever and tolerably healthy. Unluckily, however, it so happens, that during the other half of the year, or from the vernal equinox to October, when the N. winds are comparatively rare, and the ports are easily accessible, the heat is oppressive, a great quantity of rain falls, and the coast becomes the sent of pestilential fevers. A European arriving for the first time at Vera-Cruz, or any other part of the coast between the tropics, in August, September, or October, has but little chance of escaping the somitor pricto, or yellow fever; and individuals who have merely landed at Vera Cruz, and posted on immediately for Xaispa, have, notwithstanding, caught the infection. The scourge, however, does not extend its raveges beyond the low grounds on the sea-coast; and at the height of 2,000 or 2,500 ft. above the sea it is wholly unknown. The ports of Acapulco and the low grounds along the V. coast are also extremely hot and unhealthy; and, owing to the prevalence of strong gales, approaching to hurricanes, during the months of July, August, September, and down to October, the navigation is then extremely dangerous. The tierras templadas, or temperate regions, which are of comparatively limited extent, occupy the slope of the mountain chains, or barriers, which bound, on either side, the central table-land. It extends from about 2,500 to about 5,000 ft. of elevation. The mean heat of the year is from 68° to 70° Fah, and the extremes of heat and cold are here equally unknown. The Mexican oak, and most of the fruits and cerealia of Europe, Sourish in this genial climate. The cities of Kalapa, on the E., and of Chilpanningo, on the S.W. slope, are in this approach to the strength of a hurricane, and continue to blow with the utmost violence, and without intermission,

dance of their fruit trees. The frequency of fogs, and the consequent humidity of the atmosphere, is the greatest drawback on the climate of the hierras templades; but this, how injurious soever in some respects, produces great beauty and strength of regetation.

The tieras frias, or cold resions, include all the year

duces great beauty and strength of vegetation. The tierras frias, or cold regions, include all the vast plains elevated 5,000 ft. and upwards above the level of the sea. In the city of Mexico, at an elevation of 7,400 ft., the thermometer has sometimes fallen below the freezing point. This, however, is a rare occurrence, and the winters are there usually as mild as in Naples. In the coldest season the mean heat of the day varies from 55° to 70° Fahr.; while in summer the thermometer seldom rises in the shade above 75°. The mean temperature of the city is about 64°, and that of the table land generally may be taken at about 69°, being nearly equal to that of Rome. But, wherever the table land rises to more than 8,000 ft. above the sea, it has, though between the tropics, a rude and disagreeable being nearly equal to that of Rome. But, wherever the table land rises to more than 8,000 ft. above the sea, it has, though between the tropics, a rude and disagreeable clinate. Under the parallel of Mexico the limit of perpetual snow varies from about 12 to near 15,000 ft. Vegetation in the central plateau is not, owing to the rarity of the air, so vigorous as on the tiervax calientes, or along the coasts, and the plants of Europe do not succeed so well as in their native soil. In the tropical and central region of Mexico, and as far N. as lat. 280, there are only two seasons; that of the rains, lasting from July to the middle of Sept., and the dry season, continuing from Oct. to the end of May, From the 24th to the 20th parallel the rain falls less frequently; but this deficiency is compensated by the abundance of snow during Jan. and Feb. The climate of the table-land is, on the whole, favourable to human life. But, though intermittent fevers be of rare occurrence, the natives are occasionally visited by a peculiar epidemic, called by them the mailcandwait but it owes its origin more to the habits of the people than any other cause. Indeed, famine, and its concomitant privations, have thinned the pop. more than epidemic complaints. The indolence of the natives prevents all exertions to raise more food than requisite for the wants of a single ordinary season; and no one ever thinks, when there is a surplus, of laying up a stock against future contingencies. Hence, when droughts and severe frosts occur, they are compelled to seek their subsistence in the forests, where roots and wild berries constitute their sole didet; and multitudes are often carried off by hunger and unwholesome food.

Astimals.— The moology of Mexico is but imperfectly known. The domestic animals introduced by the Spaniards have so much increased, that vast herds range wild through these thinly inhabited regions. The wool

known. The domestic animals introduced by the Spa-niards have so much increased, that vast herds range wild through these thinly inhabited regions. The wool of the sheep is of inferior quality; but this is attributable more to neglect and mismanagement than to nature: nules are much used in the mining districts. Buffaloes abound in the prairies bordering on the Arkansaw and Red River, and during winter they migrate westward, in quest of pasturage, to the milder climate of the plains along the lower part of the Rio Grande del Norte. Car-niverous animals are not numerous. Bees abound in the low country of Vuceta.

quest of pasturage, to the milder climate of the plains along the lower part of the Rio Grande ded Norte. Carniverous animals are not numerous. Bees abound in the low country of Yucatan.

Agricusture.—Mexico, not only from its extent through 21 degrees of latitude, but also from the varying elevation of its surface, and consequent variety of climate, produces most of the plants peculiar to the tropics, as well as those belonging to the temperate regions of S. and middle Europe. "Indeed," says Humboldt, "there is scarcely a plant in the rest of the world which is not susceptible of cultivation in one or other part of Mexico; nor would it be an easy matter for the botanist to obtain even a tolerable acquaintance with the multitudes of plants scattered over the mountains, or crowded together in the vast forests at the foot of the Cordilleras." (Essat, tom. ii. p. 370.) The soil also is, in most parts, extraordinarily fertile; and wherever water can be procured for trigation, the most abundant crops may be raised with very little labour. This, however, is very far indeed from being an unmixed advantage; and it is, in fact, more than doubtful, whether a very fertile soil and agenial climate, that makes warm clothing and comfortable lodgings of comparatively little importance, be consistent either with active industry and exertion or with a high state of civilisation. In most parts of Europe, continuous industry is indispensable to existence; but it is otherwise in Mexico and many other countries, and it is found that industry is uniformly proportioned to the strength of the motives by which it is occasioned, and that, wherever the ordinary necessaries and comforts of life may be procured with little labour, the mass of the people are invariably indolent. To suppose, indeed, that they should be otherwise, is to suppose what is contradictory and absurd. This effect of the peculiar nature of the soil and climate was less sensible in Mexico under the Spanish government, because it was nearly ceased, and that there are n

selventitious motives to prompt to activity and enterprise, every thing appears to be failing into a state of spathy and languor; and indolence, with its necessary accompaniments of poverty, ignorance, and pride, bid fair to be, for a lengthened period, the distinguishing characteristics of the Mexicans.

We have stated, under the head of climate, how the more useful plants are distributed through the zones into which the country is divided. The banana, which fourlabes up to the point where the mean temp. is 750 Fahr., bears the same relation to the Mexicans, in the lower provinces, that the various cerealia bear to the inhab. of Europe and W. Asia, and the different kinds of rice to the Bengalese and Chinese. About 450,054, cm. in the iterves calients are said by Hunboldt to be adapted for its cultivation. It is propagated by cuttings; and there is probably no other plant which produces on the same extent of land, and with so little labour, so great a quantity of food. Humboldt affirms that a becture (about an acre) of land, planted with bananas, will furnish food for more than 50 individuals; whereas the same extent of land, if sown with wheat, in Europe, would not support more than 2 individuals; And all the labour required to raise this enormous produce is to cut off the stems when the fruit is ripe, and to give the earth a slight digging about the roots of the plant once or twice a year. Hence, says Humboldt, nothing strikes an European recently arrived in Mexico with more astonishment than the smallness of the patches of cultivated ground round cabins that swarm with children. It cannot be said of such a country:—

Pater lpse Colemon Hand facilies come viam voluit.

But the ease with which subsistence may be procured, and the fewness of their wants, have made the natives in the last degree slothful. Indeed, Humboldt tells us that it has been gravely proposed, in order to atimulate their industry, and rouse their torpid faculties, to grub up and destroy the banan plantations! (Essai, &c., ii. 396.) Buch a project is, of course, impracticable and absurd; but the nature of the proposed remedy serves, at all events, to show the violence of the disease.

The same parts of the country which produce the ba-

but the nature of the proposed remedy serves, at all events, to show the violence of the disease.

The same parts of the country which produce the banana produce also the cassava, or manioc, the farina of which yields a very nourishing bread: it requires more care than the banana, somewhat resembles the potato, and arrives at maturity about 8 months after the allips have been planted. The culture of maine is scarcely less important in the fetrus calientes than that of the plants before named; it is not confined, however, to the low lands, but ascends as high even as the plain of Toluca (9,100 ft. above the sea), the lowest average temperature favourable to fts growth being about 48° Fahr. The plant, under favourable circumstances, rises to the height of 7 or 8 ft., and the returns, in common years, are most abundant; but they are more uncertain than those of any other kind of grain. Maize is the principal food of the people, as well as of most domestic animals; and a deficient harvest, whether from want of rain, or excess numbers of the rural pop, to seek the deserts in search of wild plants.

There can be no doubt, however, that if agriculture were nursed with any ardick and the control to the people great of wild plants.

numbers of the rural pop, to seek the deserts in search of wild plants.

There can be no doubt, however, that if agriculture were pursued with any spirit, and the system of irrigation generally introduced on corn lands, or even if there were the slightest degree of providence in the natives, those dearths would not occur that on several occasions have been so fatal, especially in the mining districts. The European cercalia, such as wheat, barley, &c., succeed best in the temperate regions, where the mean heat does not exceed 66° Fahr.: in fact, in the equinoxial regions of Mexico these grains are not found under the level of 2,500 ft. above the sea. The Mexican wheat is of excellent quality; equal, says Humboldt, to the best of the Andelusian: It is large, white, and nutritive. In well trigated lands, and on good soils, the produce is said to average 24 for 1; but, since the revolution, this necessary branch of agriculture has been much neglected. Ree and barley resist cold better than wheat, and are cultivated in the highest regions; barley yielding abundant harvests, even where the thermometer indicates a heat during the day of only 57°. Oats are little cultivated. Among the other alimentary plants, most of which have been introduced by Europeans, are the potato (confined chiefly to the table-land). the vam. common both to the Among the other alimentary plants, most of which have been introduced by Europeans, are the potato (confined chiefs to the table-land), the yam, common both to the high and low country, the capsicum, raised in immense quantities for its spice, which is universally used instead of salt for seasoning food, beans, and various other garden vegetables common to Europe and America. Most of the fruits of Europe are common and plentiful; the olive and vine, introduced since the revolution, generally succeed well; and nowhere are there finer pine-apples, pomegranates, guavas, alligator pears, &c. One of the most valuable plants in the country is the maguey (Agase americana), which Humboldt not unaptly terms the vine of Mexico. The maguey plant-

ations are principally found in the states of La Puebla, Mexico, and Guanaxuato; but the plant is very hardy, and occurs in a wild state all over the country. Its growth is slow; but when arrived at maturity its leaves are from 5 to 8 ft. in length, and the stem often attains a height of 90 or even 30 ft. Its period of flowering is every uncertain, but once in 10 years may be considered a fair average. At the flowering season, when the plant first begins to be useful, the exact time is watched when the stem of the flower is about to shoot up; the top is then cut off, so as to form a hollow, for the reception of the sap, which is regularly drawn off; and a vigorous plant will yield 15 quartillos daily for four or five months successively. The sap, which has a slight sub-acid taste, ferments readily in three or four days, being in its vihous state called puique, a beverage which somewhat resembles cider, though with a disagreeable smell. Immense quantities of it are drunk by all classes, and many whites as well as lindians use no other liquor. A kind of brandy, called mexical (very like whiskey), is madd from the distillation of pulque. The maguey is useful, also, in other ways: its fibres are converted into thread ropes and paper, its prickles serve for pins and needles, and its juice is effective in healing green wounds. Large quantities of sugar are raised in the neighbourhood of the capital, and the crops are very abundant: the lands are cultivated by free labourers, and the farming seems pretty good, though the process of refining be very clumsily conducted. In the commencement of the present century there was a large export of sugar; but this has for some years wholly disappeared, and the present supply is barely aufficient for the home consumption. Vanilla is extensively raised in the iterrar calicinete, E. of the Cordilleras, particularly in the state of Oaxaca. The cultivation of coffee is on the increase, and the present is a government momopoly, and its growth is confined to a small district near Oriza

The cultivation of coffee is on the increase, and the quality of that raised on the best soil near the coast is said to be equal to the best produced any where else. Tobacco is a government monopoly, and its growth is confined to a small district near Orizava and Cordova. Its quality is inferior to that of Cuba; and, as the consumption exceeds the growth, considerable quantities are imported from the Havannah.

On the whole it might be fairly concluded, on general grounds, that agriculture in Mexico must have retrograded since the revolution. And such, in point of fact, has been the case, and to an extent that we should hardly have conceived possible. This is evident from the following statement by M. Chevaller*, who visited Mexico in 1835. "Agriculture," says he, "is neglected. No law, indeed, prevents the planting of the vine and olive tree; not only, however, has no advantage been taken of this change, but the very lands which were cultivated in the time of the Spanlards are now lying fallow. In a circle of a few leagues round Mexico I have seen large villages almost abandoned. In this delightful climate, the only manure which the land ever requires is water; this rather scarce, yet many of the hydraulic constructions raised by the Spanlards at a great cost are in ruins, and seen likely to remain so. The lands, which, by means of this artificial irrigation, were the most fertile in the world, are gradually becoming completely sterile. Their ploughs, and other agricultural instruments, are of the rudest description. No one troubles himself to introduce European improvements, no even to import better tools from the United States. I made the passage duce European improvements, nor even to import better tools from the United States. I made the passage from New Orleans to Vera Cruz with General Arista, from New Orleans to Vera Cruz with General Arista, who had been exiled in consequence of some insurrection or other in which he was concerned. Wearied with the chances of revolutions, he had determined to devote himself to agriculture. He had scarcely, however, landed at Vera Cruz, when he was thrown into prison under some vague pretext. He still continues under arrest, and his release to the process.

vera Lorius, when he was the still continues under arrest, and his ploughs, harrows, and winnowing machines remain under sequestration, suspected, probably, of abetting the general in some subversive designs."

Mining Industry.—The allver and gold mines of Mexico have always been deemed the main sources of its wealth; and, unquestionably, its mineral riches far exceed those of any part of America, except, perhaps, Peru. Before the war of independence there were, in the 37 mining districts of New Spain, somewhat more than 3,000 mines, producing annually about 21,000,000 collars in silver, and about 2,000,000 in gold. Towards the close of the struggle many of the mines had been deserted, and their produce had declined a half, and does not yet materially exceed that amount. Several of the so called companies, formed in Great Britain for working the Mexican nines, during the memorable, and,

the so called companies, in rines in Orea brian and working the Mexican mines, during the memorable, and we may add, disgraceful, era of 1824-26, were nere swindling engines, and fell to pieces in a very short while. There were others, certainly, that had a more

* The promised work of this able and intelligent traveller on Mexico has not yet appeared. We have borrowed the following extracts from letters addressed by M. Chevalier to his friends he France, that were published at the time in the Faris journals. The information they contain is by far the most important that his appeared respecting Mexico since the publication of Humboldt's work.

solid foundation; but these were mostly gone into without due consideration, and without any practical knowledge of the country, of the practices that had been followed, and the difficulties to be overcome. We been followed, and the difficulties to be overcome. We need not, therefore, be surprised at the enormous losses the companies sustained at the outset, and of their want of success in the first instance. But, had the Mexican government been able and willing to repress disorder, and to enforce the observance of contracts, it is probable that the produce of the mines would have been very different at this moment from what it really is. Unluckly, however, no government has yet been established in Mexico with power, even if it had the desire, sufficient to put down disturbances or to enforce engagements. So long indeed disturbances or to enforce engagements.

at this moment from what it really is. Unluckly, however, no government has yet been established in Mexico with power, even if it had the desire, sufficient to put down disturbances or to enforce engagements. So long, indeed, as the companies were struggling to put their mines in order, they sustained comparatively little inconvenience from this circumstance; but, as soon as they had succeeded in bringing them once more into a productive state, and were beginning to have some prospect of a return for their enormous outlays, they were annoyed by questions as to title, and by the setting up of claims on the mines of which they had never heard before. Owing to these causes, as well as the general insecurity of property, the bad condition of the roads, and imperfect mining processes, the results have, on the whole, been very unfavourable, notwithstanding the reduction of the export duty on specie from 10 to 3 per cent.

The following statement of M. Chevalier, as to the insecurity of the miners, in 1835, discovers a state of things diagraceful to the government; and such, indeed, as could hardly have been credited on any interior authority. "How," asks he, "can the mines be worked with any feeling of security, when it requires a little army to escort the smallest portion of the prectous metal to its place of destination? Between the mine of Real del Monte and the village of Texeyuco is a mountain pass, where a grand battle was fought between the miners and the banditti of the country. The former were defeated, overpowered by numbers; but not without having sold their lives as dearly as possible. The mines is now guarded by artillery and grape-shot, and the Englishmen employed there are regularly drilled in the use of the musket." In such a state of things the wonder is, not that the produce of the mines has declined, but that it continues to be so great as we find it to be. The mineral riches of the country are, however, inex-haustible; and there wants only a government able and willing to afford security to make t Account of the Coinage of Gold and Silver in the Mints of the Mexican Republic in 1848.

	- 1	Gold.	Bliver.
-	-	\$ 94,576	\$ 1,616,709
	:	582,000	5,060,000 7,073,100
:	:	175.014	1,117,120
-	-		1,244,797 647,750
•	-	199,162	423,664 619,714
•	- 1		\$18,239,560
	- 1		
			582,000 - 175,014 - 4,924 - 199,162

The theory of mining is little understood by the Mexicans, the oldest modes of working being still generally practised, notwithstanding the improvements that have been introduced by the English; and the machinery for draining the mines and raising the ore is of the most primitive description. Indeed, many of the mines have been abandoned, owing to the imperfections of the machinery, which, under more favourable circumstances, might be again worked with profit. The ignorance of the miners is only equalled by their obstinate adherence to old, and elsewhere long exploded, practices. But this should not be matter of surprise, if the testimony of M. Chewiller respecting the education of engineers may be depended on. The school of mines (Miseria), the mere building of which cost 120,000%, is at present in the most pittable condition. It is unprovided with the means even of the most elementary instruction. It contains a vast chemical laboratory, but without the instruments requisite for the most simple experiments. The collection of minerals is in disorder, badly classed, and very incomplete; the library and the mechanical cabinet are deplorable. The school seems to have shared the fate of the public treasury — of having been pillaged three or four times over. The very building seems on the point of falling to pieces. But it cannot surely be supposed that the anarchy which has led to such deplorable results is to coutinue for ever. If nothing may be hoped for from within, it is to be wished that foreign interference may reacue this fine country from the barbarism in which it is now involved.

The quantity of allver annually extracted from the mines of Mexico very much exceeds that furnished by all the mines of Europe; but, on the other hand, the gold is not much more abundant than in Hungary and Transylvania; the proportion which the gold of Mexico bears to silver being as it to So nearly. Little native silver is found in any of the mines: sulphuretted and black prismatic silver is both very common and exceedingly productive in the veins of Guanaxuato and Zacatecas, two of the richest mining districts: the muriate abunds in the mines of Catorce and San Pedro, near San Luis de Potosi; and the martial pyrites of Pachuca yield three marks to the hundred weight. The Mexican ore, however, is poorer than that of Europe, 1,600 ox. of ore yielding only about 4 ox. of silver. The gold is produced by washing the earth and sand in some few places; but in the province of Oaxaca occur veins of native gold, usually mingled with the silver veins: the returns, however, seldom exceed 14 ox. to the owt. (Poinset's Notes on Mexico, p. 226.) Slave labour is not tolerated in the mines; but it would be difficult to find workmen so ignorant, brutalised, and wholly worthless as the native miners. Indeed, the till success of the English mining companies is owing, in part at least, to the want of honest and efficient labourers. The business of the mines is followed by the native tribes from generation to generation: they lead a migratory life; removing, with their families, to districts where they expect the greatest profit from their labourers. The business of the mines is followed by the native tribes from generation to generation: they lead a migratory life; removing, with their families, to districts where they expect the greatest profit from their labourers. The business of the mines is followed by the native tribes from generation to generation: they lead a migratory life; removing, with their families, to districts where they expect due to receive the prevenue. The pusiness of the mines is of Guanaxuard. The pusiness

of Durango and Sonora are peculiarly rich, lie near the surface, and hold out, wherever they have been tried, a promise of riches superior to any that Mexico has yet pruduced.

Iron is found in great abundance in Guadalaxara, Mechoacan, and Zacatecas; but no mines of that metal were worked before 1825. Copper is raised in Mechoacan and Gusmaxuato. Large quantities of copper money have been coined in the mint of the city of Mexico, the total value, during the seven years ending with 1837, having amounted to 4,712,000 dollars, or 943,400. This obtained partly from mines, but principally from washings in the ravines. The lead mines, though rich, are quite neglected. Zinc, antimony, and arsenic have been found; but neither cobalt nor magnanese. A quicksilver mine is wrought in the state of Querêtaro. Carbonate of soda, used for smelting the silver ore, is found in great abundance crystallised on the surface of several lakes. Massigatistrs: — The selfah policy of Old Spain, by which she endeavoured to keep her colonies as much as possible dependent on her own markets, or on supplies furnished by her, led to the enactment of laws prohibiting the rearing of silk-worms, and the cultivation of flax, and of the vine and olive. Coarse woollen and cotton fabrics, worth about 1,500,000. were formerly made; but these have greatly diminished since the revolution. The system on which the cloth and other factories are conducted is diagraceful to persons having the smallest pretensions to civilisation, and is wholly subversive of all improvement. Each factory is, in fact, a prison, in which the work-people are treated with the greatest rigour, and from which there is no escape; the proprietor, instead of paying his workmen in money, supplies them with spirits, to-bacco, and food, at prices fixed by himself. An intelligent German, who resided 40 years in Mexico, states, that the high walls, strong double doors, barred windows, and severe corporal punishments common to these factories which the factories as a punishment. This stat

peraies a Mexican more than to see Europeans and North Americans growing rich before his face. A fourishing factory, established by a foreigner, would be very likely to be pillaged during the first popular tumult. Instances of the kind have already occurred. The only European manufactory existing at Mexico, is one founded by M. Duport, a French merchant, for making manna, a coarse cotton stuff much worn in the country. The looms were made at Patterson, near New York. When the Mexicans had achieved their independence, and looms were made at Patterson, near New York. When the Mexicans had achieved their independence, and were organising their government, they created a fund (or the encouragement of national industry (banco de avis), and endowed it with an additional duty of 22 per cent. on foreign importations. In this way a few hun-dred thousand plasters were soon procured, which were expended in the vain attempt to establish manufactories. expended in the vain attempt to establish manufactories. At present, the receipts for this fund are thrown into the abyss of the national deficit, which every year increases in depth, and where they are lost like a drop of water in the sea." Cigars, hats, glass, and earthenware, are produced on a large scale; but the factories are, for the most part, extremely ill-conducted. Mexican leather is very indifferent; paper is of bad quality, and exorbitantly dear: the making of cutlery and hardware is scarcely attempted, and what is done, is badly excuted; the use of cast-iron and the for culinary utensils is allmost unknown, and a very few years ago there was only one manufacturer of watches and optical instruments in the whole of Mexico. "The Spaniards," says Chevaone manufacturer of waters and operat instruments in the whole of Mexico. "The Spaniards," says Cheva-lier, "are bad mechanicians, and no efforts of foreigners have been able to prevail on the Mexicans to deviate from the routine of their foreigners. All their tools are wretched; the common wheelbarrow even is unknown. Some merchants had imported two models, to be used in moving the bales of goods at the custom-house, but the workmen refused to make use of them."

Commerce. — An individual, looking at a map of the world, would be apt to conclude that Mexico is one of the most favourably situated countries for commerce; and, in some respects, this is true. But her trade labours, not withstanding, under some serious disadvantages. Though washed by the Atlantic and Pacific Oceans, net-ther of her coasts is accessible for several months of the ther of her coasts is accessible for several months of the year. On the E. coast, or that hordering the Gulph of Mexico, there is not a single good harbour; and during the season when the coasts are accessible they are extremely unhealthy. Owing, also, to the rapid ascent from the ahores to the interfor, the construction of roads, and the transport of commodities to and from the inner provinces, is alike difficult and expensive. No doubt, however, an efficient government and an industrious people would speedily, in a great measure, overcome these obstacles to an extensive intercourse with the foreigner. But Mexico has neither the one nor the other; and stacles to an extensive intercourse with the foreigner. But Mexico has neither the one nor the other; and, at present, her trade is confined within the narrowest limits. Down to 1778, when the Spanish government relaxed the old prohibitive system, the foreign goods legally imported into Mexico comprised only a few Chinese and European manufactures; the former brought annually in one galleon of about 1,400 tons, and the latter sent once in three years exclusively in ships chartered by government from Seville or Cadiz 1 On the opening of the trade in 1779, private capitalists engaged in it, and after that period, at an average

of 12 years before and after, the returns for exports alone rose from 11,000,000 to 19,000,000 of dollars, the difference being chiefly in the quantity of specie. How much greater would the increase have been, if the trade had not been fettered with vexatious duties, first on articles of Spanish produce in the markets of Seville and Cadix; 2. on shipping for Mexico; 3. at Vera cruz; and, 4. with an adcawal, or transfer duty, at every step, from the merchant to the consumer? On the breaking out of the civil war, the ports of Tampico, Mazatlan, and San Blas were opened by the new government; and soon afterwards foreign vessels were admitted into all the ports on the same terms as Spaniards. The Spanish capitalists retired to Cuba or Spain; and their places were supplied by British and American merchants, who established themselves in the interior, and supplied the inhabs. in return for dollars with manufactured goods, the superior quality and cheapness of which has, no doubt, had some influence in depressing native manufactures. The Jealousy of the natives, however, and the absurd threats of the spovernment against foreign artificers and traders, has tended to prevent their settling in the country, and engaging in any considerable undertaking, other than themnes; and the depressed state of the latter, which have always furnished the principal articles of export, has tended still further to depress and paralyse commerce. The roads, too, instead of being improved, have been suffered to fall into a state of almost irreparable decay. In this respect, the evidence of M. Chevaller is decisive. "The splendid road which, during the domination of the Spaniards, was constructed across deserts and precipices, by the merchants of Vera Cruz, to the summit of the upper country, is a melancholy instance of the carelessness with which the public interests of the country are directed. During the war of independence, this road was cut up in various points; and, down to this day, the enfranchised Mexicans have not replaced a single and basaltic rocks, particularly adapted for the construc-tion of roads, are found in great abundance. But even where there are roads, the Mexicans make little use of where there are roads, the Mexicans make little use of them. They carry to a yet more extravagant length the inconceivable predilection of the Spanish race in favour of transporting their goods on the backs of animals. You expect to meet with carts and waggons: no such thing; every thing is conveyed on the backs of mules or Indians. Troops of little consumptive donkeys bring into the city in parcels, not much bigger than a man's two fists, the charcoal required for the culinary operations of the inhabs. The price of every bulky article is thus increased to an enormous degree. The interior districts are as inaccessible as if they were cut off by an enemy's army, and famine frequently ensues." The following table furnishes an official Account of the Ships, with their Tonnage and the Value of their Carg es, which entered at and cleared from the principal Ports of Mexico in 1844, 1845, and 1846.

					1814	1.			
1			En	1	Cleared.				
Vera Cras Tampico San Blas Mazatlan		Skipe. 23 9 4 5	Tone, 4,536 923 1,171 1,530	Crems. 252 70 69 94	Fal. of Cargoss. #647,400 194,000 64,000 81,000	Shipe. 17 8 4 10	Time. 4,489 829 1,471 3,374	274 70 69 179	Fal. of Cargnes. In Hallast. £1,910 62,840 90,680
Total	-	43	8,460	485	994,400	49	10,563	592	156,390
	- 1				184	5.			
Vera Cruz Tampico San Blas Masstian		17 8 4	2,138 856 1,125 1,115	124 66 59 59	469,900 164,000 54,900	16 8 4	2,676 856 1,125 1,165	138 64 59 68	In Ballast. 2,800 8,800 70,500
Total	-!	83	5,534	308	647,000	82	5,822	319	87,900
					184	6.			
Vera Crus Tameleo San Blas Mazatlan		6 6 8 11	964 671 2,696 3,265	81 49 147 199	188,760 180,000 60,000 127,800	7 6 7 12	1,088 671 2,089 3,344	58 49 105 206	In Ballast. 400 10,480 255,910
Total	- 1	31	7,594	426	556,560	32	7,192	418	265,890

The above statement, though not complete, shows the comparative import and export trade of Mexico. The declared value of the export from the U. K. to Mexico in 1849 amounted to 779,0594. The nature of the direct

Articles.	Quantities.	Declared Value.
1. British Produce and Ma- sufficience : = Cotton fabrica - busiety - yarn and twist - Lionen to - Woellen do. Silk goods Hardware and cuttery- from wares and iron Machinery Eartheoware wares Eartheoware and grass	20,736,509 yds. 703,190 lbs. 732,921 yds. 48 50¢ pieces 1 261,165 yds. 1 5,976 cwts. 531 tons. 385,044 pieces	425,850 27,785 26,309 283,732 85,697 18,494 23,476 5,461 25,807 3,315 4,655
Other articles	- and proces	12,536
II. Colonial and foreign Pro- duce: — Ontchilver — Cimamon — Raw silk — Cocoa — Wine —	172,305 lbs. 148,452 lbs. 69,752 lbs. 121,965 lbs. 15,115 galls.	945,937
Total of British and C. ex- ports to Mexico in 1848 -		

These returns show a great apparent increase of trade since 1831, when the exports from Great Britain to Mexico amounted only to 160,7522, but, instead of going direct, as at present, the exports then were mostly indi-rect, through Jamaica and other places. The foreign

Mexico amounted only to 160,7521; but, instead of going direct, as a present, the exports then were mostly indirect, through Jamaica and other places. The foreign trade is in truth quite insignificant, regard being had the extent and resources of the country and its pop.

The Mexican congress has fixed a tariff regulating the duties on the chief articles of import, and all articles not specified pay an ad valorem duty of 40 per cent.; quicksilver, wooden frames for houses, printed books, maps, and music, philosophical and musical instruments, artificers' tools, agricultural and mining implements, seeds, and plants, are admitted duty free. All articles which are the growth and produce of Mexico may be exported duty free, except gold, in coin or wreught, which pays 2 per cent. ad valorem. Gold and silver ore, ingots, or dust, are prohibited under penalty of seizure.

Government.—On the resignation of Iturbide, the Mexicans determined on establishing a federal government. The present constitution, dated Oct. 4. 1824, is modelled on that of the United States; the republic was then divided into 19 states, each of which is permitted to manage its own local affairs, while the whole were emented together in one body politic by fundamental and constituent laws. The powers of the supreme government and quidciary.

The legislative power was vested in a congress con-

constituent laws. The powers of the supreme government are divided into 3 branches—legislative, executive, and judiciary.

The legislative power was vested in a congress consisting of a house of representatives, a senate, and a presistent. Representatives, elected by each state at the rate of one member for 80,000 inhab, hold their places for two years. The qualifications requisite are 25 years of age, and 8 years' residence in the state. The senate consists of 2 mems, for each state, of 30 years of age each, who are elected by a plurality of votes in the state congress. The members of both houses receive salaries of 2,000 doll. a year. The president and vice-president are elected by the congress of the states, hold office for four years, and cannot be re-elected for four years after. Congress sits annually from January 1, to April 15. A council of government, consisting of the vice-president and half the senate, sits during the recesses of congress. The city of Mexico is the seat of government. The legislatures of the 19 states are similar to that of the republic ing eneral. But the federal has lately been consolidated into a central government with a single legislative body for the entire republic, the states being formed into department with subordinate councils.

These arrangements appear, however, to be disliked by a large proportion of the sends of the all events.

partments with subordinate councils.

These arrangements appear, however, to be disliked by a large proportion of the people; at all events Mexico has continued, since the establishment of the federal government, to be little better than a theatre for insurrections. The testinony of M. Chevalier is conclusive with respect to the condition of the country in 1830, and there has been no material improvement in the 1835, and there has been no makerial improvement in the interval. "I have only been two months in Mexico, and already I have witnessed five attempts at revolution. Insurrections have become quite ordinary occurrences here, and their settled forms been gradually established, from which it is not considered fair to deviate. These seem almost at positively fixed as the laws of backgammon or the recipes of domestic cookery. The first act of a revolution is called premuncioniculo. An officer of any rank, from a general down to a lieutenant, pronounces himself against the established order, or against an institution which distinces him, or against an thing else. stitution which displeases him, or against any thing else. He gets together a detachment, a company, or a regiment, as the case may be, and these, generally, without more ado, place themselves at his disposal. The second

act is called the grito, or entery, when two or three articles are drawn up, to state the motives or objects of the insurrection. If the matter is of some importance, the outcry is called a plan. At the third act, the insurgents and the partisans of government are opposed to one another, and mutually examine each other's forces. At the fourth act they come to blows; but, according to the improved system lately introduced, the fighting is carried on in a very distant, moderate, and respectful manner. However, one party is declared victor, and the besten party disprosumec. The conquerors march to Mexico, and their triumphal entry into the capital constitutes the fifth act of the play; the vanquished meanwhile embark at Vera Crus or Tampico with all the honours of war."

The laws are alleged to be mild and just, but they

stitutes the fifth act of the play; the vanquished meanwhile exabark at Vera Crus or Tampico with all the honours of war."

The laws are alleged to be mild and just, but they are almost powerless; for nothing can well be conceived more appalling than the state of anarchy described by the very intelligent traveller just quoted.

"With tranquillity, unfortunately, every thing else is also lost. There is no longer any security. It is a mere chance if the diligence from Mexico to Vera Crus proceed the whole way without being stopped and robbed. It requires whole regiments to convey the conducts of plastres to Vera Crus. Travellers who cannot afford to pay for an escort go armed from head to foot, and in title caravans. Here and there, rude crosses erected by the side of the road, and surrounded by heaps of stones, thrown by passers by, in token of compassion, point out the spot where some wayfarer, and almost always estranger, has perished by the hand of robbers." "The immediate environs of the most populous cities are infested by malefactors, and even in the interior of cities, not excepting the capital, there is no longer any security. There are numerous instances of people being robbed on a Sunday, and at the hour even when the greatest number of people are abroad, within a league of Mexico. An English chargé d'affairer was lassoed on the Alameda, the public walk, in the middle of the day. In the even-dians of the night (serense), not withstanding the rumerous guardians of the night (serense), not withstanding the videttee of cavalry at every corner of the streets, notwithstanding the law prohibits the riding on horseback through the streets after eight colock, in order to prevent the use of the lasso, a man is not safe in Mexico, not even in his own house. If, in the evening at 8 or 9 o'clock, you visit a friend, before the porter consents to open the enormous gate lined with iron or bronze, there pass as many formalities as if it were a question of letting down the drawbridge of a fortress. Persons on whose wo

Revenues. — The amount of the revenue at different dates has been as follows:—

1700 1763 1902 1825 1826	:	:	Dell. 8,000,000 5,705,876 20,200,000 10,890,608 13,289,682	1827 1828 1829 1830 1831	:	:	Dell: 10,494,299 12,232,385 14,493,149 18,923,299 16,413,060
1920	•	•	13,289,082	1997	•	•	10/410/000

About half the receipts proceed from the customs' duties: the other sources are, the mint, monopolies of tobacco, salt, pulque, and gunpowder; lotteries, post-office, stamps, tolls, and privileges. The produce of the state lands, none of which have been yet put up to sale, is estimated to be capable of producing from \$t\$ of millions of dollars.

Army.—The army consisted, in 1839, of about 30,000. But the troops are without science or a proper feeling of

Army.—The army consisted, in 1839, of about 20,000 men, exclusive of an active militia of about 20,000. But the troops are without science or a proper feeling of ohnour, so that they are really worth very little. The military, however, is a favourite service, from the high pay and privileges of the soldier. There are 8 fortresses—San Juan de Ulloa, Campeche, Perote, Acapuico, and San Blas.

Religion.—The Roman Catholic is the only publicly recognised religion, but others are tolerated. The church establishment consists of the archbishop of Mexico and 9 bishops, having an aggregate income of 389,000 doil., with 2,677 parochial clergy. There are also 10 cathedrals, having 168 canons and other dignitaries, and 1 collegiate church. The regular clergy comprise 1,978 monks, chiefly Franciscan; and there are 186 convents. Ecclesiastical property is free from taxation, and they have the sole management of all money bequeathed for pious uses. The annual income of the ecclesiastics and their places are filled by crecies, whose morals are at the lowest ebb. Religion has little influence over the white pop., and the hold of the church over the Indians, never complete, is now fast lessening; for they are all, more or less, inclined to idolatry. (Edwards's History of Texas.)

Texas.)

Education. — The necessity of education is recognised by the new constitution, which requires that the priests

should teach all persons to read and write; but the regu-lation has little practical effect. Under the old govern-ment, botanical pursuits were much encouraged: che-mistry and mineralogy were taught in the school of mines; but the progress of science, literature, and the arts have all been checked by the unsettled state of the

mine; but the progress or screenes, more sour, and are arts have all been checked by the unsettled state of the country since the revolution.

"in het," says M. Chevalier, "elementary instruction has remained what it was in the time of the Spaniards. The clergy had then the exclusive management of it, and having so still, show but little inclination to enable the poor to read the books published under the régime of a free press. There are even fewer schools than there were, in consequence of the diminution in the number of the clergy. Education of a superior kind is even worse provided for. Under the Spaniards, there existed at Mexico a school for the fine arts, richly endowed: I have been unable to discover its existence now. There is a building called a museum, where I found nothing of interest except a collection of the portraits of the vice-roys since the time of Cortes, and a few Asteque manuscripts. Some years ago, the establishment of a polytechnic school was decreed, but the decree has yet to see the commencement of its execution. There is not even technic school was decreed, but the decree has yet to see the commencement of its execution. There is not even a military school, though the attention of the government is aimost exclusively devoted to the army. There is sothing deserving the name of a school of law or medicine; and it may be well imagined that schools of industry or commerce are wholly unknown."

Population.—The amount of the pop. has been estimated at different periods, both before and after the Revolution; but, owing to the jealousy of the old government, and the distracted state of the country since the declaration of independence, very little credit can be attached to these estimates. The following are those by the best authorities:—

attached to these estimate

1794	•		Hambeldt	-		5,900,000
1805	•		Do.	•	•	6,500,000
1813		•	Poincett	•	•	6,364,125
1825			De.	•		6,300,000
1827		•	Ward	•	•	8,000,000
1835	•	•	Chevaller	•	•	7,000,000

1837 - Ward - \$,000,000

The lower estimate of Chevalier may be explained by the esmancipation of Texas and California, and by the continuance of the disturbances. The classes of the pop. are singularly varied, and are characterised by distinctions more striking than those in any other country. Four distinct and rival classes may be enumerated: 1. the Chaptiones, or pure Spaniards, never exceeding 80,000 in the palmy days of New Spain, but now hardly amounting to \$4,000, and, politically considered, a degraded class; 2. the Creokes, or native whites of European descent, forming the wealthlest and most powerful part of the pop., estimated by Chevaller at 1,300,000; 3. the Indians, or native Mexicans, constituting the great mass of the rural labourers, and supposed to amount to 3,800,000; 4. the mixed castes, comprising Meximos, Mulestino, Zambos, Quasdroons, and Cainternoons, somewhat exceeding 1,900,000.

The king of Spain formerly exercised a right of conferring the exclusive privileges enjoyed by the white pop on individuals of any shade by a decree of the audiencia, Quest extends privileges are concerned, by the revolution, which admits persons of all colours to the equal enjoyment of civil rights; and hitherto, indeed, this has been by far its best if not its only good effect. The mulattos and zamboe principally reside in the low country, the whites on the table land. The Indians are divided into numerous tribes, speaking upwards of twenty languages, totally distinct from each other, and of which fourteen gram-

zambos principally reside in the low country, the whites on the table land. The indians are divided into numerous tribes, speaking upwards of twenty languages, totally distinct from each other, and of which fourteen grammars and dictionaries have been published. Their character remains much the same as it is alleged to have been at the time of the conquest. Indolence, blind submission to their superiors, and gross superstition, are as much their characteristics now as formerly. The form of their religion is changed, and that is nearly all: they take the same childish delight in the idle ceremonies and processions of the Catholic church as they once took in the fantastic mummeries of their abortiginal idolatry. They are scattered over the country as labourers, distributed in villages, or else live in the towns as artizans, workmen, or beggars. In a few instances they have accumulated property, and acquired respectability; but, in general, they are indolent, ignorant, and poverty-stricken. We believe them to be wholly incapable of any high degree of civilization; but they might, perhaps, be improved, were measures taken to enforce their education, and to make a fair distribution and the many thousands of acres which have to enforce their education, and to make a fair distribution among them of the many thousands of acres which have been thrown out of cultivation by the consequences of the revolution. They are classed in two great divisions: 1. Mansos, comprising those who have a fixed residence, cultivate the land, adopt the habits of civilised society, and maintain an amicable intercourse with the other races; 2. Bravos, comprising those who live a wandering life, sup-

porting themselves by hunting, and avoiding all intercourse with the other classes, with whore many of their
tribes are in a state of perpetual warfare. The latter
principally inhabit the N. states along the river Glia, and
the extensive and little known mountain ranges on the
upper part of the course of the Rio Grande del Norte and
the N. W. of Texas, called the Bolsor de Mapini, from the
lake of Man. An independant tribe, called Mayas, inhabits
the tract between Yucatan, Tahasco, and central America,
it has made some progress in civilisation, cultivating
mains and cooks, and wearing samments made of cloth
prepared from cotton and the bark of the caoutchous
tree.

Mexico." says Chevalier, "is a country so wish above

the tract between Yucatan, Tabasco, and central America. It has made some progress in civilisation, cultivating mains and cocoa, and wearing garments made of cloth prepared from cotton and the bark of the coonchous tree.

"Mexico," says Chevaller, "is a country so rich, that famine scarcely visits even the most Indolent. In the Mexico and the secretary to hide them from the tender of the contest to dwell with their families in a cabin of bamboo trallis-work, so elight as scarcely to hide them from the test on beds made of lever sand brushwood. Their does consists simply of a sair of drawers, or petiticost, and a corest of a sold property of a sair of drawers, or petiticost, and a cress of a country is and a whole family of Indians is amply supplied with food by bananas, chili, and maise, raised, almost without labour, in a small enclosure round the lutt. Labour, indeed, occupies but a trifling portion of the Indian's time, which is chiefly spent in drinking pulyare, sleep, or singing to his wretched mandolin hymns in honour of Notre Dame de Guadeloupe, and occasionally carrying votive chaplets to deck the altar of his village church. Thus, be passee his life in dreamy indifference, and uttariy careless of the ever-reviving sessets by which the peac of Mexico is disturbed. The assassinations and robberies which the aimost impotent government allows to be committed with impunity on the public roads, and even in sight of the capital, are to him only matter for conversation, the theme of a tale or ditty. And why should he trouble himself about it? Having nothing in the world but the dress in which the stands, his lance, spurs, and gultar, he has no fear of thieves; nor will the poniard of the assassin touch him, if he himself, drunk with pulque or chingaritie, do not use his own."

Maisquities—Humboldt, Bullock, and other European in some respects a comparatively civilised and ingenious people. Among the most extraordinary are pyramids, somewhat similar in exterior form to those of Egypt, and in some instances

great distances from them.

History.— The first settlers in Mexico are believed to have been the Toltecans, a tribe of Indians from the rocky mountains, who fixed themselves, after several migrations, near the present city of Mexico, and fourtaked there for nearly four centuries. Drought, famine, and postilenes

at length exterminated them, but not till they had imparted some degree of civilisation to the barbarous Chichemeas, who were the next possessors of the soil, and were in their turn displaced by the Axtecans, who, in 1160 metated southern the southern and were in their turn displaced by the Axtecans, who, in 1160, migrated southward from a country N. of the Gulph of California, and first fixed themselves in the city of Zumpango, in the valley of Mexico, but afterwards in some islands in the lake Tescuco. Here they maintained themselves by fishing and agriculture, till, in 1325, they founded their chief city on the island of Tenochtillan, and called it Mexico, in honour of their martial deity Mexiti. This nation rapidly increased in power; and, if the remains of monuments and large cities were a just test of civilisation, the Axtecans might claim to rank pretty high among the nations of antiquity. But they had invented no alphabet, and had nothing better than a rude species of picture writing to record events, and were ignorant even of the useful metals. Their barbarism is sufficiently shown by their custom of sacrificing and were ignorant even of the useful metals. Their bar-barism is sufficiently shown by their custom of sacrificing great numbers of human victims on coronation fetes. Montesums 1, the greatest of their sovereigns, extended the Astec dominions on one side to the Gulph of Mexico, and on the other to the Pacific Ocean; but it must be stated at the same time, that many tribes within this tract vielded only a relucted their same and assessment. yielded only a reluctant obedience, and some even re-tained their independence. Such, briefly, was the state of Mexico when Munes de Balboa first landed on its shores. Its conquest was effected by Fernando Cortes, who salled thither in 1519 with a small force, comprising,

yielded only a rejuctant openience, and some even set alined their Independence. Such, briefly, was the state of Mexico when Munex de Balboa first landed on its shores. Its conquest was effected by Fernando Cortes, who salled thither in 1519 with a small force, comprising, on the whole, only about 700 men. He was met at Vera Cruz by ambassadors from Montesuma the younger, sent to discover his intentions, and to command him to withdraw from the country. But Cortes having refused to return till he had communicated in person with the emperor, at once proceeded to the capital. Here having got possession of the person of Montesuma, Cortes endeavoured by his intervention to effect the subjugation of the empire. But the Mexicans having recovered from the surprise into which they were at first thrown by the seizure of the emperor, resolved at all hazards to attempt the expulsion of the Spaniards. Montesuma was soon after killed in a conflict in the city; and Cortes was compelled to retreat to Tiascala. Here having re-organised his small force, secured the co-operation of a large body of Indians, and built brigantines to be employed in the savition of the lake Texcuco, he again pushed forward to the city; and having recommenced the slege, took it after an obstinate resistance of 75 days. The fate of the cap. decided that of the empire. Province after province submitted, and the power of Spain was extended from Vera Crus to the Pacific. Cortes, on his return to Spain, was received at first with high honours and liberal rewards but his court favour soon declined: the emperor refused to appoint him captain.general of Mexico; and, after some adventures, suited to his ardent and determined spirit, he died near Seville, in 1584, at the age of 63.

Under the Spanish arrangements Mexico. By these arrangements, also, the natives were to be considered as freemen and vassis of the crown; and the Spanish discoverers, settlers, and their posterity, were to have a preference in all civil and ecclesiastical appointments. The natives w

earliest acts was a declaration of the independence of

eariest acts was a deciaration of the independence of Mexico.

For several years the history of the revolution is only that of a sangulnary guerilla warfare, leading to no permanent results. At length, in 1821, Iturbide, who had previously been a royalist, declared suddenly in favour of the liberals, and published his celebrated manifesto of Iguala in favour of a constitutional monarchy. His cause was embraced with such enthusiasm by the whole population, that he succeeden not only in putting down the Spanish government, and fornsing a national congress, but also prevailed on that body to make him emperor of Mexico, under the title of Augustin I. His dissolution of the congress, however, by military force, raised a feeling against him, which, finding it impossible to repress, he abdicated the throne. He was not only allowed to withdraw from the country, but rewarded for his past services by an annual allowance of 5,000/, accompanied by an edict of outlawy in case of return. In spite, however, of this prohibition, he returned clandestinely, and was soon discovered, apprehended, and secured.

of 5.000., accompanied by an edict of outlawry in case of return. In spite, however, of this prohibition, he returned clandestinely, and was soon discovered, apprehended, and executed.

On the expulsion of Iturbide the congress was reassembled, a provisional government formed, and an executive appointed consisting of Victoria, Bravo, and Negrete, all persons of proved patriotism. The government was modelled on that of the United States; but the hopes them formed of its stability have proved fallacious. Since this epoch repeated attempts at revolution have convulsed the country. During the whole of the struggle for independence, the population had been split into two parties; at first distinguished by the names of imperialists, who ashered to the mother country, and Republicans, who ashered the hondestence: but these parties afterwards merged into those of Centralists and Federalists; the former advocating a single superintending government, and the latter that of the independent government of states, only federally connected. This struggle between the rival parties has now continued for about 17 years, and been a fertile cause of insurrection. Texas and California have already separated from the confederacy, and it is probable that their example will be followed by other states. In fact, there can hardly be said to be any thing like regular government. The Centralists are loved of the ascendant to-day; but a successful forests (as the Parisians term it) may dash all their prospectato-morrow. Meanwhile, all the bonds of society are loved, property has become almost worthless from its utter insecurity, and life is not safe from assassination and violence. Whether the proposal of the 8. American republics to unite their interests with those of Mexico, and form together one grand federation, will be accepted, and whether, if accepted, it would contribute to the

leading to it are raised 6 or 8 ft. above the surrounding flat. Though within the tropics, it is so elevated that its mean temperature is only 65° Fahr., coincident with that of May in England. It is said, by Humboldt, to be "undoubtedly one of the finest cities ever built by Europeans in either hemisphere; being inferior only to Petersburg, Berlin, Loudon, and Philadelphia, as respects the regularity and breadth of its streets, as well as the extent of its public places." The architecture is generally of a very pure style, and many of the buildings are of noble construction, though usually of somewhat plain exterior. Two sorts of hewn stone, porous amygdaloid and porphyry, are used in the better parts of the city. The alustrades and gates are of Biscay iron, ornamented with bronze; and the houses, which are 3 or 4 stories high, have flat-terraced roofs, like those in Italy and other 8. countries. (Nowe. Espagne, ii. 51.) The streets are wide, well-paved and flagged, but not lighted or watched at night; so that robberies and assassinations are scarcely less common than in Spain. They run al-

most uniformly at right angles to each other, many of them being nearly 2 m. In length, perfectly level and straight, and offering, from every point, a view of the mountains that surround the valley. Nearly all the houses are hollow squares, with open courts surrounded by colonnades, and ornamented with plants, &c. The stairs to the interior front the outer gate, and the best apart-ments, which are showily painted in mosaic and arabesque, weencylic face the street. (Pointett's Notes on Mexico. ments, which are shownly painted in mosaic and arabesque, generally face the street. (Pointent's Notes on Mexico, p. 66.) Numbers of houses are covered with glared porcelain, in a variety of elegant designs and patterns. The Plaza Mayor, or grand square, is one of the finest to be seen in any metropolis: its E. side is occupied by the cathedral and segratio, or par, church, and its N. side by the palace, while on the other sides are handsome rows of shops and mystat dwellings. In its control is rows of shops and private dwellings. In its centre is a colossal statue of Charles IV., said to be the finest work of its kind in the new world. The effect of this square. colossal statue of Charles IV., said to be the finest work of its kind in the new world. The effect of this square, however, is much impaired by the introduction of a pairty building, called the Parian, a large ungainly pile, in one angle, used as a market or bazaar, appropriated to the sale of miscellaneous articles, and the resort of the idlest portion of the inhabs. The palace, or government-house, a fine building, nearly square, with a front several hundred feet in extent, comprises 4 large courts, in which are the exhibit offices, hereacks, neison, and a large botanic carden; public offices, barracks, prison, and a large botanic garden; but almost every part of it is falling to decay: the massive tables, staircases, and chandeliers have disappeared, and tables, staircases, and chandellers have disappeared, and all is now in the most appalling disorder. (Lairobe's Rambles ins Mexico, p. 168.) In this building, also, is the mint of the state of Mexico. The coirage has greatly decreased; for whereas, before the revolution, it amounted to 16 or 18 millions of dollars, it was estimated, in 1820, at 1,289,000 dollars, and, in 1835, at only 547,145 dollars. The cathedral, on the N. side of the square, on the site of the great temple of the god Mexitli, is a heterogeneous edifice; one part of the front is low, and of bad Gothic architecture, while the other and more modern part is in the Italian style, and displays much symmetry and beauty: its two towers are ornamented with pilasters and statues. The interior is imposing, lofty, and magnificent; but the grandeur of the effect is much diminished by the ponderous erections in different parts. magnificent; but the grandeur of the effect is much di-minished by the ponderous erections in different parts, and a profusion of massive carved ornaments, pictures, and painted statues. The high-altar and its appendages are inclosed by a massive railing of mixed metal; so valuable, on account of the gold it contains, that a silver-smith of Mexico is alleged to have offered the bishop a new silver rail of equal weight in return for the old metal: (Bullaci's Mexico, i. 143.) In the interior, also, are some curious remains, including several idols and a "stone of sacrifice," that is, a stone on which the human wictim was placed when the priest tore out his heart! On the outer wall is fixed the Kellenda, a circular stone of basaltic porphyry, covered with hieroglyphic figures, by which the Aztecs, or native Mexicans, used to designate the months of the year, and which is supposed to have formed a kind of perpetual calendar. (Latrobe, p. 171— 175; Ward, il. 48.)

Few monuments of antiquity, however, remain; and we may echo the exclamation of Antonio de Gama, the first among Mexican antiquaries, "Isimato preciosos monumentos de la antiguedad, por falta de intelligenza, habran perecido en esta makera." "How many remaios of antiquity have thus perlahed through ignorance of their value." The church services are celebrated with great magnificence; nor even in Rome herself is greater attention paid to the external minutize of religious observances. Besides the cathedral, there are said to be from 50 to 50 other churches, most of which display, more or less, the barbarous mixture of style that characterised Spanish architecture during the 16th and 17th centuries; there are, also, numerous religious houses, two of which, viz. the Franciscan and Dominican convents, are extensive and wealthy establishments. Opposite to the latter of these is the Palace of the Inquisition, now applied to other, and, it is hoped, more useful ends. Bollock describes it as "very elegant, exhibiting little or no appearance of the purposes for which it was intended." This tribunal was abolished by Iturbide, in 1822. The Papal religion, however, still maintains its ascendancy; few buildings, whether public or private, are without their patron saint; and the traveller every where meets with shrines, pictures, and processions. The Moneria, or college of engineers, was originally a large and handsome building; but, owing either to a want of care in making the foundations, or to the effect of earthquakes, the walls have settled in several parts, and the front is visibly out of the perpendicular. Lectures are given occasionally on the sciences connected with mining; and in one of the rooms is a tolerably good collection of minerals, though generally very inferior to those in European museums, and, as respects a country like Mexico, quite insignificant. In fact, not only the eggles, disgraceful alike to the government and the people; and we are afraid that the diffusion of elementary

instruction since the revolution has not been such as to compensate for the decline of the institutions for the higher branches of instruction. We have seen, in the previous article, the statements of M. Chevalier as to-education generally in 1835, than which nothing can be more deplorable. The Accrdada, or public prison, is a large substantial structure, fitted to contain about 1,300 prisoners; the barracks, also, formerly issed as an hospital, are very extensive and well constructed. The theatre is a respectable building, of considerable size; but the establishment has for some years had so little success that it is very seldom opened. The Plaza de Toros, for the exhibition of bull-fights, consists of a great circular inclosure, fitted up exactly like that of Madrid, and fitted to accommodate from 2,000 to 3,000 spectators. The great cigar munufactory, which belongs to the government, stands at the S.W. angle of the city, and comprises a very extensive establishment, which supplies the whole legitimate demand of the confederation for cigars. The Alameda, or public walk, at the W. end of the city, somewhat resembles a park, but has the stiff formal appearance of Dutch and French grounds. In the centre is a fountain, supplied with water from the great aqueduct leading from Santa F6 to the city. Another open space, called the Passeo, about 2 m. in length, planted with double rows of trees, is much frequented, on holydays, by persons in carriages and on horseback. In the city, also, are several Portake, or covered colonnades, lined with shops and stalls, and forming a favourite evening promenade long after the Alameda and Passeo have ceased to be frequented. The environs, also, present, on fine dry evenings, a very lively scene of bustle and galety hundreds of cances of various sizes, mostly with awnings, and crowded with native Indians or Mestizos, are seen passing in very direction along the lake and canals, each boat with its guitar-player at the stern, and some of the party either slurging or dandering.

with awnings, and crowded with native indians or Nea-thos, are seen passing in every direction along the lake and canals, each boat with its guitar-player at the stern, and some of the party either singing or dancing.

The manufactures are not generally remarkable, either for extent or fineness of workmanship. Nothing is ex-posed in the shop-windows, and most of the articles are made in the places where they are offered for sale. Gold and silver lace, trimmines, exactles, &c., are made in made in the places where they are offered for sale. Gold and silver lace, trimmings, epaulets, &c., are made in great perfection, and are sold at a much lower rate than in England. Silversmitha' work is also done on a pretty extensive scale: the ornaments are finished by hand; the chasing is sometimes well executed, but in general the articles are clumsy and heavy. Jewellery employs a the articles are claimsy aim neavy. Sewelery employs a few hands; but all precious stones, except rubies, are scarce, and the work is much dearer than in Europe. Cabinet-work is extravagantly dear, and of very inferior quality, made with clumay tools, and of bad wood; the saw is scarcely known, and the turning-lathe is of the most primitive construction. Coach-making is work. most primitive construction. Coach-making is much better understood: the Mexican vehicles are firmly put together, of handsome shape, and well finished; and respect of painting, gliding, or varnishing, they are but little inferior to those made in Europe, whence the handles and metal furniture are procured. There is a considerable manufacture of hard soap here and at Puebla; but it has greatly fallen off since the time of Hurohold's who street he quartity made in Mexico. In Puebla; but it has greatly tailen off since the time of Humboldt, who states the quantity made in Mexico, in 1802, at 200,000 arrobas. Beaver and felt hats and cotton cloaks are made on a large scale, for the supply of all parts of the Union, these being important articles in the internal trade of the country. Woollen clothes are three times as dear as in England, and are uniformly ill-made. times as dear as in England, and are uniformly in-made. Men, not women, are millibers; and it is not uncommon to see some 20 or 30 fellows, who should be porters or coalheavers, employed in decorating ladies' dresses, making flowers, and trimming caps and flources. (Butmaking flowers, and trimming caps and flounces. (Bul-lock, 1, 202.) The bakebouses are large establishments; and the bread, which is excellent, is made exclusively by slaves, who also perform the work in the cloth factories. (See Manufactures, in art. Mixico, United States or.) Shops for the sale of pulque (a kind of beer made from the aloe), and native and Spanish brandy, are very com-mon, and have a gay appearance. The markets are well supplied with animal and vegetable productions, brought along the lake and canal of Chalco by crowds of canoes, wealth nativated by women. Turkers, fouls, biscons. along the lake and cana of thatco of crowns of cances, usually navigated by women. Turkeys, fowls, pigeons, and many varieties of wild waterfowl, are very abundant and cheap; as are bares, rabbits, tortoises, frogs, and salamanders, all of which are esteemed good eating by the inhabs. The meat-market is well supplied with beef. mutton, and pork, but veal is prohibited. The meat, however, is not of the best quality, though, perhaps, this nowever, is not the oest quanty, incomp, pernaps, this may be owing to its bad preparation by the butcher and cook. There is great variety of vegetables and fruits, and a most enormous consumption in proportion to the pop. The vegetable market is larger than Covent to the pop. The vegetable market is larger than Covent Garden, but yet unequal to the daily supply; and the ground is entirely covered with bananas, plantains, citrons, shaddocks, melons, pomegranates, dates, man-goes, tomatas, and other vegetable productions of tropical countries.

The greater part of these are cultivated on the chinampas, or floating gardens, of which there are two so its; one moveable, the other fixed, and attached to the shore. On the marshy banks of the lakes of Xochimlico and Chalco, the water, in the time of the great floods, carries away pieces of earth covered with herbs, and bound together by roots. These, being driven about by the wind, sometimes unite into small islands, which, being taken possession of, are planted with flowers and roots. Artificial chinampas, or islands, are also frequently formed, of reeds, rushes, roots, brushwood, &c., well compacted together, and covered with black mould: these sometimes contain the cottage of the indian who acts as guard. together, and covered with black mould; these sometimes contain the cottage of the Indian who acts as guard. They are towed or pushed with long poles, and are thus removed from one side of the banks to the other. The fixed chinampes are parallelograms from 300 to 400 ft. in length, and from 10 to 20 ft. in width. They rise about 3 or 4 ft. above the water, and afford, from their command of water, beans, small peas, pimento, potatoes, artichokes, cauliflowers, and a great variety of other vescretables. vegetables.

The pop. of Mexico is of an extremely mixed charac The pop. of Mexico is of an extremely mixed character, comprising about 68,000 creoles, or descendant of Spaniards; 28,000 Mestizos, or half-casts between Europeans and Indians, but many of whom are scarcely distinguishable by colour from the former; about 38,000 copper-coloured natives; 10,000 mulatices; and only about 6,000 Europeans. There is, or at all events, used to be, an extreme disparity of wealth in this city. Many of the nobles and successful speculators in mines were excessively rich; but the bulk of the pop. were at once indolent and indigent. The lower orders are filthy, despise labour of every kind, and are constantly seen lying in the church porches, leaning against the walls, and loitering about the markets. In many respects they bear a striking resemblance to the leaning against the walls, and lottering about the markets. In many respects they bear a striking resemblance to the lazzaroni of Naples; but the latter are not stained with the crimes of robbery and assassination, for which the leperon of Mexico are digracefully notorious. There is here, also, a general torpor of the faculties, and the dulce far nients seems to be the summan bonsum of all classes. The dress of the higher orders of men closely resembles that of Eurospan. It have closely being as compon here. a ne dress of the nigher orders of men closely resembles that of Europeans, the large closely being as common here as in Spain. The costume of the ladies is universally black, with the veil and mantilla; but, on holydays and public occasions, their dresses are remarkable as well for gayness of colours as for expensiveness of material. In-deed, when in their carriages on the Passeo, they contrast somewhat strangely with the same persons, when seen at home in complete déshabille, without stockings, squatting on the floor, and either pursuing their favourite amuseon the floor, and either pursuing their favourite amuse-ment of cigar-smoking, or eating cakes and capsicum out of the dirty earthenware basins of the country. (La-trobe, p. 180.) The laddles seldom go out during the day; but, after sunset, young and old come forth from their hiding-places, and the Alameda, Passeos, and Portales awarm with the damas and signoritas of the city, chatting and smoking with their galiants. Many gentlemen be-longing to the higher classes are intelligent, and a few even fond of literature; but the city is so hadly sumplied longing to the higher classes are intelligent, and a few even fond of literature; but the city is so badly supplied with libraries, and other means of study, as to give little encouragement to such pursuits. There are three or four newspapers; but they are miserable productions, containing little besides the merest chit-chat, copiously interspersed with advertisements. The white creoles are distinguished by their mildness, courtesy, and hospitality; their besetting sin is gambling. Female virtue is on the same low level as in Old Spain; but the Mexican ladies are better educated, and would be agreeable but for the practice of smoking, which is bad enough in men, and intolerable in women. (Poinsett's Notes, p. 180.)

The original city of Mexico, or, as it was called, Temochtitian, built, as already stated, on a group of islands

nochtitlan, built, as already stated, on a group of Islands in the Lake Tezcuco, was founded in 1225: it was conmeeted with the main land by three principal cause-ways of stone and earth, about 30 ft. in breadth, and ex-tending from 2 to 6 m. over the surrounding marshes. ways of stone and earth, about 30 ft. in breadth, and extending from 2 to 6 m. over the surrounding marshes. These dikes still exist, and their number has since been increased. They form, at present, paved causeways across the marshy grounds, which were formerly covered with water; and, being of considerable elevation, are useful in securing the city from hundations. The better to preserve the city from the chance of this calamity, the great drain alluded to in the previous article, was commenced in 1607, which has now reduced the lakes of Zimpango and San Christoval within comparatively narrow limits, and prevented their waters in the rainy season from Sowing into the lake of Tescuco, and threatening, as they sometimes did, to submerge the city.

Mexico, when first discovered by the Spaniards, was a rich and populous city; the seat of government, religion, and trade. According to Cortex, it was as large as Seville or Cordova, was well built, and well supplied with various products; but these are the statements of parties naturally disposed to magnify their own services, and should be received with considerable modification. It was taken by the Spaniards in 1821, after a protracted elege, in the course of which it was nearly destroyed (See previous article.)

the Florida channel with the N. Atlantic Ocean, and by the channel of Yucatan with the Carribean sea, sith between lat. 18° and 31° N., and between long, 81° and 98° W. Length from E. to W. 1,200 m., average breadth, 650 m.; area, about 800,000 sq. m. This sea, which is of an irregular circular shape, is, unlike the Carribean sea, almost clear of shoals and islands, none being found except on the coasts of Yucatan and Florida. Along the coast of Mexico its soundings are very regular, with 100 fathoms at a distance of 30 m. from the shore. On the N. side, and especially opposite the mouths of the Mississippi, the depth is considerably diminished, and at its E. extremity the navigation is rendered intricate and dangerous by the Tortugas bank, Florida reef, and various other keys, shoals, and islets, including the great and sangerous by the surround the N. coast of Cuba. The E. trade winds prevail from April to October, this being usually the wet season: the Nortes begin in October, but are not violent till the middle of November, from which time till the end of February they blow with great fury, and are objects of much dread to navigators. These gales last for four or five, and occasionally even ten, days; but their extreme flerceness is usually spent in the first 48 hours. At these times the larger vessels, which cannot enter the shallow harbours of the Mexican coast, are obliged to slip their anchors, and keep as far as possible off shore. Examples are not wanting, also, of sortes the Florida channel with the N. Atlantic Ocean, as

first 48 hours. At these times the larger vessels, which cannot enter the shallow harbours of the Mexican coast, are obliged to slip their anchors, and keep as far as possible off shore. Examples are not wanting, also, of nortes happening between May and August, at which time they are particularly furthous. Luckily, however, the hurricanes and tornados of the rulph are by no means so fierce and destructive as those in the Carribean Sea.

The principal current of the Gulph of Mexico, and the only one worth mention, is that which sets W.N.W. between Cape St. Antonio and Cape Catoche: this runs from 12 to 30 m. a day, and is perceptible even during the nortex, except close along the shores of Mexico. At the N.W. extremity of the gulph its course gradually changes, till, at the mouth of the Mississippi, it turns E., and afterwards S.E., as it again rushes out into the Atlantic Ocean, at the rate of 80 m. in the twenty-four hours. (This remarkable current, commonly known as the Gulph is recent, is described in the article ATLANTIC OCEAN, I. 212. of this work.) The tides of the Gulph of Mexico are of no great importance, they nowhere exceed 3 or 4 ft.; but their average rise is not more than 2 ft. The colour of the water is a deep indigo, darker or more intense than that of the ocean: phosphorescent lights shine on it with great believes the coasts of Yucatan and Louisiana great quantities of News natens occur in parallel ince from S.S.E. to N.N.W., and are carried out in

ocean: phosphorescent lights shine on it with gross brilliancy, and between the coasts of Yucatan and Louisiana great quantities of fucus satests occur in parallel lines from S.S.E. to N.N.W., and are carried out in large masses through the straits of Florida. (Blassi's American Pilot; Pardy's Atlantic Ocean; Darby's Geogr. of United States; Humbolds's Pers. Narr., i. 60 C9).

MEZE, a town of France, dép, Hérault, cap. cant., on the lagoon of Thau, 5 m. N.W. Cette. Pop. (1886). 4,340. It has a small port, capable of receiving 60 vessels of 40 tons each, and manufactures of brandy and It-queurs. Near it is the abbey of Vallemagne, an edifice of the 18th century, well worth the traveller's notice. (Guide des Yogageus en France.)

MEZIERES, a fortified town of France, dép. Ardennee, on the Meuse, which mostly surrounds the town, and is here crossed by two stone bridges, 80 m. N.W. Mets. Lat. 490 45 47th N. long. 40 47 11 M. Pop., in 1898, 3,817. It is walled, and is further defended by a strong citadel. It is Ill built, and has few edifices worth notice, except the town. hall, the prefecture, the hospital founded 2,817. It is walled, and is further defended by a strong citadel. It is ill built, and has few edifices worth notice, except the town hall, the prefecture, the hospital, founded in 1412, and a par. church of considerable antiquity. Mestières, though the nominal cap. of the dep., has no court of primary jurisdiction, that tribunal being seated at Charleville (which see): it is, however, the seat of boards of taxation, artillery, and forest inspection, a society of agriculture, &c.; and has tanneries, breweries, and some trade in leather, coarse woollens, and linens. The Chevaller Bayard, with a garrison of only a few thousand men, successfully defended Mesières, in 1520, against a powerful Austrian army; and, in 1815, the town held out for two months against the Prussians. (Hugo, art. Ardewsec, &c.)

MIAKO, a large city, and the ecclesiastical cap. of the Japanese empire, in the island of Niphon, on the Yedogawa, 230 m. W by S. Yedo; lat. 350 M·N., and long. 1530 SO E. Pop. (according to the Dutch traders, on 1850 SO E. Pop. (according to the Dutch traders, on shom, however, little reliance can be placed.) 600,000. It is situated in a specious plain, enclosed on all sides by high mountains, and almost entirely formed into fine gardens, interspersed with temples, monasteries, and palaces. It is nearly 4 m. length, and about 3 m. broad, with narrow but regular streets, lined by houses two stories high, built of wood, lime, and clay, most of them being year slightly and

streets, lined by houses two stories high, built of wood, lime, and clay, most of them being very slightly and poorly constructed. The sacred Mikado, or suprememperor, emphatically termed, "the Son of Heaven," has his residence on the N. side of the city, in a quarter

comprising about a dosen streets, and separated from the rest of the buildings by walls and ditches; but, owing to the great diminution of the revenues furnished by the sjogies, or viceroy (the substantial sovereign), the whole is reported to have a very shabby and dilapidated appearance, kitle in accordance with the rank of a being more divine than human! On the W. part of the town is another palace, built of stone, and strongly fortified: R belongs to the sjogies, who resides in it when he comes to pay his respects to the emperor. This practice, however, has long been discontinued, and the building is now used for the accommodation of certain functionaries, sent thither from Yedo to watch the proceedings of the sent thither from Yedo to watch the proceedings of the Dairi. The members of this court, who view themselves as a species of superior beings to the rest of the Japanese, are chiefly engaged in the study of literature and science, the Dairi being, in fact, the highest college in Japanese and surface the sufficient of the checker and surface. salves as a species of superior compare to the rest of the Japanese, are chiefly engaged in the study of literature and science, the Dairi being, in fact, the highest college in Japan for the cultivation of theology, and various other branches of learning. The almanacks, formerly imported from China, are now constructed, including the calculation of eclipses, in the Dairi college; and, at least, § of all the works, published in Japan, are produced by the literati of Miako, some of whom, however, are connected with other colleges and high schools, wholly independent of the Dairi. This city is likewise the principal manufacturing depot of the empire, every laind of handleraft known in Japan being carried to the greatest perfection. Nearly every house has its attached shop well provided with every description of goods, and the Japanned wares, carved ornaments, &c of Miako, are unequalled either in Japan or China. Miako is one of the places visited by the Dutch traders, when they, once in four years, pay their respects to the ajogán at Yedo: they usually spend some days here, which are chiefly occupied in making purchases of Japanese manufactures. Various celebrated temples (of which there are many, though not described), are freely exhibited to them; and in the gardens attached to one of these buildings, tents are pitched for the purpose, not enly of giving a sumptuous entertainment to the Capitas Holands (as they term the Dutch president of the mission), but also of gratifying the curiosity of the natives with a sight of a few strangers from a distant land. (For further particulars, see JaPan; see also, Mesmers and Customs of the Japanese, p. 140—157.; Sköold, i. and ii.)

MIAVA, a market-town of N.W. Hungary, co. Neutra, on the Miava, a tributary of the Morava, 46 m. N.N.R. Presburg. Pop. 8,650, mostly of Sclavonian origin, and Lutherans. It has manufactures of woollen stuffs and bagging, several distilleries, and some trade in hemp and fex.

MICHARLI (ST.), an inconsiderable bor. and marketers of Market and Cou

p and flax.

hemp and fixx.

MICHAEL (8T.), an inconsiderable bor. and markettown of England, co. Cornwall, in pars. Newlyn and
Enoder of hund. Pyder. This, which is said to have
been a town of some importance, previously to the Norman conquest, is now, like others of the Cornish bors.,
an inconsiderable village. It returned 2 mems. to the
H. of C. from the 6 Edward VI. down to the Reform
Act, by which it was disfranchised. The market has
long been extinct; but sheep fairs are held here July 28.

Act, by which it was distranchized. The market has song been extinct; but sheep fairs are held here July 28. and Oct, 15.

MICHIGAN, one of the U. States of N. America, in the N.W. part of the Umon; its territory, consisting of two distinct peninsulas, comprised between lat 41° 30° and 47° 20° N°, and long, 83° 20° and 90° 30° W. Area, estimated at about 69,000 sq. m.; of which, 39,850 are supposed to be included in the Lower, and 30,650 in the Upper, or N.W. Peninsula. Fop., in 1846, 304,378. The Upper Peninsula is, for the most part, inclosed between Lake Superior to the N., Lake Michigan to the S.E., and the Wisconsin or N.W. territory to the S. and W. Its surface and soft are very various, a considerable portion consisting of sterile sand ridges and marshy tracts; while the other, or hilly tracts, are generally covered with dense pine forests. The whole region is, however, known but imperfectly, being inhabited by traders in furs and peltry. The climate is severe; little or no corn is grown, and the fur trade and fisherie; little or no corn is grown, and the fur trade and fisherie; little or no corn is grown, and the fur trade and fisherie; little or no corn is grown, and the fur trade and fisheries. The Peninsula-Proper, or Lower Michigan, is entired to the state.

The Peninsula-Proper, or Lower Michigan, is en-closed by Lake Michigan on the W., and Lakes Huron, St. Clair, and Erie, and their communicating rivers on the N. and E., and is in a much more advanced state of the N. and E., and is in a much more advanced state of civilisation than the other. Its shores are in some parts rocky and broken, and along Lake Huron, high and precipitous; but its surface is mostly level, or merely undulating: the central region consists of a table-land little elevated above the level of the surrounding lakes, to which it slopes in every direction. There are many rivers, some of which are navigable for a considerable distance. Grand River, St. Joseph's, and the Saginaw, are the largest: the first two fall into Lake Michigan, and the last into Lake Huron. Small lakes and ponds are also numerous.

MICHIGAN (LAKE).

The land in the N. is covered with dense forests of pine-trees, &c.; and some parts in the S. are richly wooded. Fewer prairies exist in this than in any other of the N.W. states, and the largest is only a few miles in circuit. They are principally in the W. and S.W., and are divided into the wet and the dry. The dry prairies have a rich soil from 1 to 4 ft. deep, are easily cultivated, and yield abundant crops; the wet afford early pasturage and hay for wintering stock, and with little labour may be converted into excellent artificial meadows. The winters are long, and often severe, but the atmosphere is more humid, and the climate, upon the whole, milder than that of the states more to the E. The soil is very various; but there is a great deal of good land, especially in the S. Nearly all kinds of corn are raised, oats being the most abundant. Turnips, and other field vegetables, are a good deal grown. All kinds of garden vegetables, and the fuits of temperate climates, thrive with care; and many flouriah wild. Hemp and fax have been recently introduced, and succeed well. Pasturage is good; but the live stock are generally inferior. Horses and mules are less employed than in the states more to the S., oxen being mostly used for field abour. Sheep are few; but hogs are very numerous. Large meases of native copper, lead, iron, bituminous coal, gypsum, &c. are met with, and salt springs are both many and abundant.

The arts and manufactures of Michigan have hitherto been limited, for the most part, to those of prime neces-

springs are both many and abundant.
The arts and manufactures of Michigan have hitherto
been limited, for the most part, to those of prime necessity; both steam and water-mills are, however, now in
tue. Grinding flour, sawing timber, distilling, carding
wool, and making woollen cloth, are the principal
branches of manufacturing industry. In summer some
trade is carried on from the E. shore of the state
with Ohio, Pennsylvania, and New York; but for 4 or 5
months of the year the navigation is closed by the ice. A
fund for the construction of railroads and canals, and the improvement of river navigation, has been established;

improvement of river navigation, has been established; and an important tailway has been completed, stretching across the S. portion of the state from Detroit to N. Buffalo, at the S. E. extremity of Lake Michigan.

In 1840, Michigan comprised 42 organised counties. The seat of government, formerly at Detroit, was removed to Lansing, Ingham co., in 1847. The legislative authority is vested in a senate of 17 mems. and a H. of Reps. of 52 mems.; the senators being elected every 2 years, and the representatives annually, by all the white male citizens above 21 years of age, who have resided in the state for 6 months preceding the election. The executive power is in the hands of a governor and lieutenant-governor, who are chosen by the people, and hold office for 2 years. Justice is administered in a supreme court, a court of chancery, 8 circuit courts, and inferior tribunals, established at the pleasure of the legislature. The judges of the Supreme Court are nominated by the Governor, with the consent of the Senate, and hold office for 7 years. In each of the 3 circuits a court is held twice a year. The constitution provides that neither slavery Governor, with the consent of the Senate, and hold office 7 years. In each of the 3 circuits a court is held twice a year. The constitution provides that neither alavery nor involuntary servitude shall be introduced into the state, except for the punishment of crimes. A university was established at Ann Arbour, in 1827, which, in 1849, had 77 students, in 6 branches. Colleges have also been founded at Marshall and at St. Philip's, near Detroit; and a system for the foundation of primary schools has been adopted by the legislature, though not yet put in operation. In 1839, 3 periodical publications were issued in this state. It sends I mem, to congress.

Michigan was discovered and settled by the French, who founded Detroit in 1870. In 1763, this territory, with other possessions conquered from the French, became subject to Great Britain. In 1805, the Lower Peninsula was erected into a territorial government, distinct from the rest of the N.W. territory; and, in 1836, Michigan with its present limits was constituted a state of the Union. (Blosie's Michigan Gauetteer, 1838; Plint's Geography of the U. States; Dorby; American Almanacch, 1845-50, gc.)

Michigan (LAKE), one of the five great lakes of N. America, in the basin of the St. Lawrence, being the third, in point of size, and intermediate, in position between Lakes Superior and Huron, with which last it communicates, at its N. W. extremity, by the Straits of Michiganskinac. Unlike the other great lakes of Michigan, of the U. States; having N. and E. the state of Michigan of the U. States is a holy surrounded (except at the above strait) by the territories of the U. States; having N. and E. the state of Michigan of the U. States is a holy surrounded (except at the above strait) by the territories of the U. States; having N. and E. the state of Michigan of the U. States; having N. and E. the state of Michigan of the U. States; having N. and E. the state of Michigan of the U. States; having N. and E. the state of Michigan of the U. States; having N. and E. the

Michilmakinac. Unlike the other great lakes, it is wholly surrounded (except at the above strait) by the territories of the U. States; having N. and E. the state of Michigan, S. Indiana, and W. Illimois and Wisconsin. Its shape is an elongated oral. It is usually laid down as extending between lat. 41° 40° and 46° 10° N., and long. 85° 10° and 87° 30° W.; and is stated by Darby to have a mean length of nearly 300 m., with an average breadth of about 50 m., and an area of 15,000 sq. m. But, according to the more recent statement of Bradford, it "has hitherto been erroneously delineated upon our maps; late surveys having shown that its W. shore extends along the meridian of 85° W. long., thus giving it a width of from 80 to 100 m.; its length is about 300 m., and it has an area of about 25,000 sq. m." (Escyc. 4)

Geog., Amer. edit. iii. 568.) Mr. Stevenson gives it an area of 16,200 sq. m. (Shetch of Cheil Engineering. p. 53.) Its mean depth is estimated by Darby a 900 ft., or about the same as that of Lakes Superior and Huron; it is elevated 600 ft. above the title level, being 14ft. under the level of Lake Superior and Cheben 14ft. under une same as that of Lakes Superior and Huron; it is elevated 600 ft. above the tide level, being 14 ft. under the level of Lake Superior, and 4 ft. above that of Lake Huron. In general, it is remarkable for the absence of bays, harbours, and islands: on its N.W. side, however, is Green Bay, an inlet of about 25 m. in width, accessible to vessels of 200 tons, near which are the Manitou and Beaver Islands. Lake Michigan receives numerous rivers on every side, but they are not very important. The countries all round the most southerly portion of this lake are rapidly settling; and it has already become the centre of a very extensive commerce, being connected by railway with Lake Erle and New York, on the one hand, and by canal with the Mississippi and New Orleans on the other. The flourishing towns of Milnwaukle, Chicago, N. Buffalo, &c. stand on its banks. The waters of this lake are clear and salurious, and it abounds with fish. It is navigated by vast numbers of large steam-boats, schooners, and brigs. (Easye. discoveriesse; Derby's Geog., View, &c.; Easye. of Geog., Amer. edit.)

MIDDLEBURG, a town of Holland, prov. Zealand,

ricana; Darby's Geog. View, &c.; Bacyc. of Geog., Amer. edit.)

MIDDLEBURG, a town of Holland, prov. Zealand, of which it is the cap., nearly in the centre of the island of Walchern, 4 m. N. by E. Flushing, and 47 m. S.W. Rotterdam; lat 51° 30′ 6″ N., long, 3° 27′ 30″ E. Pop. 16,500. Though no longer for fifled, it preserves its circular mound of earth, divided into bastions and surrounded by a broad and seep ditch. The approaches to Middleburg are somewhat more varied than to most Dutch towns, the roads passing through a number of small plantations and country houses. It is nearly circular; some of its streets are wide and handsome, and the whole are tolerably regular. The market-place forms a spacious square; and part of the town is traversed by canals, crossed by draw-bridges. The whole is extremely clean; the private houses are uniform, and some of the public buildings capacious, particularly the town-house and the Oostkerk (east church); the former is in the Gothic style, and has several statues and paintings. The other objects most worthy of notice are several of the churches, a high spire, commanding a prospect over the whole island, the public walks along he bastions, and the Molenwater, an extensive reservoir or backwater. The chief literary institution is the athenoum, or academy, which affords nearly the same course of instruction as a university, but without the privilege of conferring degrees. It has also a Lantachool; a school of design; the Zealand society of literature, arts, and sciences, which possesses a good literary, a collection of medals, &c.; and a society of agriculture.

Middleburg has manufactures of starch, glass, and culture

Middleburg has manufactures of starch, glass, and mindieburg has manufactures of starch, guass, and paper, a cannon foundry, and several saw-mills, and salt refineries. Though 4 m. from the sea, it has quays of considerable extent, and formerly had a considerable share in the Dutch E. India trade. Its other branches of commerce are the importation of wise, chiefly from Bordeaux, and the exportation of corn, brought to its market from the fertile tracts to the eastward of the market from the lettile speed to the British army in the unfortunate expedition of 1809. Its atmosphere, like that of the rest of Zealand, is loaded with moisture, which tends to engender agues and billous complaints, particularly in autumn.

which tends to engender agues and billous complaints, particularly in autumn. Middleburg is of considerable antiquity, having been first aurrounded with walls in 1132. It was taken by the Dutch from the Spaniards in 1574. In 1795 it was ceded to the French, under whom it was the cap, of the dép. Souches-de-l'Escant. It sends 8 deputies to the Provincial Assembly of Zealand.

MIDDLESBOROUGH, a river-port, town, and par. of England, N. Riding co. York, hund. Langborough, on the Tees, about 34 m. from its mouth, 16 m. E. by N. Darlington, and 215 m. N. London. Area of par. 2,300 acres. Pop. of township, in 1821, only 40; in 1831, 134; but in 1841 it amounted to 5,453, an increase attributable to the rapid rise of its coal trade, consequent on the opening of the Stockton and Darlington railway from the collieries of S. Durham. It consists of a main street facing the river, and of another wide avenue running at right angles toit, at the corner of which are the commercial hotel and reading-rooms, surmounted by an observatory. There are also several other respectable streets; and on the whole the town is regularly and substantially built, under the superintendence of a joint-stock building company. The church, erected at an expense of 8,004, reteat he assectived in 1866 in built, under the superintendence of a joint-stock building company. The church, erected at an expense of 8,500¢, raised by subscription, and opened in 1840, is a neat Gothic structure, with a rather elegant spire. A national school has been formed, and the church has likewise a well-attended Sunday school. The Wesleyan Methodists, Baptists, and Primitive Methodists, have also their respective places of worship, with attached Sunday schools, furnishing religious instruction to about 600 children of hoth sexes.

MIDDLE FON.

Middlesborough, the site of which only twenty years ago was occupied by a solitary farm house, has already become the most considerable port of the Tees, though still regarded as subordinate to Stockton, from which it has taken most part of its coal-trade, and a large portion of its ship-building. Its rapid rise is owing to its convenient position near the bar of the Tees, and the spirited conduct of Messrs. Pease, Backhouse, and other wealthy coal-owners, who, in connection with other shareholders, have built excellent staiths for loading colliers at the wharfs, and constructed a railway leading from it to the important coal-field near Bishop's Auckland, a distance of 22 m. The export of coal from Stockton, being principally from Middlesborough, in 1848, amounted to 856,950 tons, and in 1849 to 402,225 tons. The entire cost of the railway was about 450,000L, and the gross annual income was

built excellent staths for loading colliers at the wharfs, and constructed a railway leading from it to the important coal-field near Bisboy's Auckland, a distance of 22 m. The export of coal from Stockton, being principally from Middlesborough, in 1848, amounted to 366,550 tons, and in 1849 to 462,235 tons. The entire cost of the railway was about 450,0004, and the gross annual income was some time since about 70,0004, the average dividends being about 10½ per cent. The statishs, which are 450 yards in length, and worked by two large steam-engines, are capable of shipping 4,000 tons of coal per diem. Docks have been excavated, which comprise a water area of several acres. Steam tug boats are constantly employed in bringing in and taking out vessels over the bar of the river; steamers run twice or three times a week during semmer between this port and Sunderland and Nowcastle; and there is a weekly steamer to and from London. Two ship building yards, an extensive pottery, and some sall-cloth and rope manufactories are in active operation. The commerce of Middlesborough, independent of coal, is already important; and its inhabs. have distinguished themselves by their activity and industry. (Irisk Raikony Comm. Rep.; Sir G. Head's Home Towr; Grassille's Space of England; Prive. Ingrimm.)

MIDDLESEX, a co. of England, containing the greater part of the metropolis, having E. the river Lea, which divides it from Risex, N. the co. Hertford, W. Buckingham, and S. the Thames, which separates it from Surrey and Kent. It is one of the smallest of the English counties, comprising only 180,480 acre; surface very various. The highest emineuces are Hampstead, Highgate, and Harrbwon-the-Hill. In some parts along the Thames there are extensive tracts of rich loam; but the higher grounds are mostly gravely and clayey, and not naturally fertile. There are numerous unenclosed commons in different parts of the co., and Hounslow Heakh, on its S.W. angle, is as poor and unimprovable a tract as a superior of the co. is in grass, and

The principal employments of Middleton are silk and cotton weaving, cotton spinning, calico and silk printing: there are, within the township, about 2,000 alikcotton weaving, cotton spinning, calico and silk printing: there are, within the township, about 2,000 silk-weavers, and 1,000 persons employed in the cotton-mills; besides nearly 500 engaged in subordinate trades. The Rochdale Canal, the Manchester and Leeds Railway, and the Bolton Railway pass through the par., and afford the greatest facilities for the conveyance both of passengers and goods. The town is governed by the county and manorial constables; and courts leet and baron are held twice a year. Markets on Saturday, ist Monday after 10th March, ditto after 16th April, and 2d Thursday after 19th Sept. (Butterworth's Stat. of Lanc.; Baines's Lanc., &c.)

after 10th March, ditto after 10th April, and 2d Thursday after 38th Sept. (Butterworth's Stat. of Lanc.; Baines's Lanc., \$\frac{4}{2}\text{.cs.}\text{.cs Lanc., &c.)
MIDDLETON, &

about 40 hands.

Middlewich has an extensive internal navigation
by means of the Grand-trunk Canal, which passes
through the town, and by a branch connecting the
town with the Chester Canal. It is distant only \$2
m. from the Winsford station, on the Grand Junction
Railway, and about \$2
m. from the yet unfinished Manchester and Birmingham Railway. Petty sessions are
held here for the hund. of Northwich. Markets on
Tuenday; cattle fairs, May 1., Holy Thursday, and
Aug. 5.

held here for the hund. of Northwich. Markets on Tuesday; cattle fairs, May 1., Holy Thursday, and Aug. 5.

MIDHURST, a parl. bor., market-town, and par. of England, co. Sussex, hund. Eastbourne, and rape Chichester, near the Arun, 10 m. N. by E. Chichester, and 46 m. S.W. London. Pop. of parl. bor. (which includes the entire pars. of Midhurst, Easebourne, Heyshot, Chithurst, Graffham. Didling, and Cocking, with portions of pars. Steep. Bignor, Wool-Lavington, Bepton, Woolbeding, Lynch, Stedham, Sping, Trotton, Seilham, and Lodsworth), in 1841, 6,378. The town is small, but particularly clean-looking, and has several good detached houses in its immediate neighbourhood. The church is a small stone building, with a square tower surmounted by a diminutive steeple: the living is a curacy in private patronage. A free grammar-school was founded here in 1672, and there is a national and Sunday school for poor children of both sexes. "Midhurst has very little trade, except in corn, large quantities of which are sold at its weekly markets. The surrounding district is entirely agricultural, though formerly iron-works existed within a few miles of it. (Bossed, E.p..) It is a bor. by prescription, and sent 2 mems. to the H. of C. from the reign of Edward II. down to 1822, the right of voting being in the holders of burgage tenures. The Reform Act deprived it of one of its mems.; the electoral limits being, at the same time, so much enlarged as to include, in addition to the par or old bor. of Midhurst, 6 entire pars., and portions of 11 others as above specified. Registered electors, in 1849-30, 301. Petty sessions are held here for the hund of Kasebourn. Markets on Thursday; cattle fairs 8th of April and 29th of Oct.

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About 1 m. B. of Midhurst, and close to the Arun, are the ruins of Coudry House, formerly the residence of the family of Montague, destroyed by fire, with its costly furniture, pictures, books, &c., on the Mth Sept., 1793; the same day that its noble owner was drowned in an attempt to sail down the Falls of the Rhise at Schaff

the same day that its noble owner was drowned in an attempt to sail down the Falls of the Rhine at Schaffhausen.

MIDNAPORE, a dist. of British India, presid. Bengal, properly belonging to the prov. Orissa, but which has long been attached to that of Bengal; principally between lat. 21° 40° and 23°, and long, 86° and 83° E.; having N. the Jungle Mehals, E. the Hooghly distr. and river, S. Cuttack, and W. some semindaries, tributary to the British. Area, 8,260 a. m. Pop., in 1823, 1,914,060. Notwithstanding this amount of pop., a considerable portion of the surface consists of lungles, partially inshibited by a very low caste of Hindooc called sontals. The land is generally very fertile, and most part of the articles grown in Bengal are cultivated here; the people, however, are poor and depressed, and it is doubtful whether they ever enjoyed a much higher state of property and civiliantion than at present. Midnapore has some manufactures of fine calico and gauses, but of late these have greatly declined. Land revenue, in 1829-30, 1,207,614 rup. Chief towns, Midnapore, Jellasore, and Pipley. Midnapore, the cap. and residence of the judge, collector, etc., of the district, is in lat. 23° 25' N., long. 70 32° E. Its chief buildings are the gaol, hospital, and barracks. (Hamilton's E. I. Gaz.)

MiHIELE (ST.), a town of France, dép. Meuse, cap. cant., on the Meuse, 20 m. N.E. Bar-le-Duc. Pop., in 1836, 5,706. It was formerly surrounded with walls, but these were demolished in 1635. It is well laid out, and has several remarkable churches, in one of which is a fine plece of sculpture, representing Christ laid in the sepuichre, the work of L. Richler, a pupil of Michael Angelo. It is the seat of the court of primary jurisdiction for the arrond. of Commercy, and of the court of assize for the dept.; and has a communal college, a public il brary, and manufactures of cotton cloth and yarn. (Hugo, art. Meuse, &c.)

MILLAN (Ital Milaso, Germ. Mailand, Lat. Mediolamesm), the principal city of N. Italy, and the cap. of the

for the dep.; and has a communant corresp, a parameter brary, and manufactures of cotion cloth and yarn. (Hago, art. Mesuc. &c.)

MILAN (tal. Milano, Germ. Mailand, Lat. Mediolassem), the principal city of N. Italy, and the cap. of the Austrian dom. S. of the Alps, in a fertile and highly cultivated plain, between the Olona and Lambra, with which rivers it is connected by the Navigilo Grande and other canals, 150 m. W. Venice, and 79 m. E.N.E. Turin; lat. 450 28° 10" N., long. 99 11*20" E. Pop. in 1837, 145,500, including only the inhab. of the city-proper; but, with the immediate suburbs, 171,288; and including the garsison and strangers, about 185,000. (Brandaus.) is nearly circular; and is surrounded, except on the N.W., by a bastioned wall of little strength, and broad ramparts, planted with trees, and about 10 m. in circuit. The area thus enclosed comprises, however, not only the city and its suburbs, but a number of gardens and orchards. The city-proper, or closely peopled part in the centre, is surrounded by a canal nearly 6 m. in circ. Like other old cities, it is irregularly laid out, and most of its streets are narrow and winding; but it has some noble thorough fares, and is generally extremely well paved. Upon the cities, it is irregularly laid out, and most of its streets are narrow and winding; but it has some noble thorough-fares, and is generally extremely well paved. Upon the whole, it is one of the finest and most pleasing cities of Europe. "Milan," says You Raumer, "stands in a sea of green trees, as Venice in a sea of green waters. In the latter city every thing reminds you of the past, as the great and important period; here, on the contrary, the present is full of life, and all that belongs to antiquity is thrown into the background. Every thing reminds one that Milan is a great central point of wealth and activity. No signs of decay, no unoccupied people, unless in the upper classes, where the possession of fortune invites te the far micase, which, in Venice, goes hand in hand with wretchedness and want. In Venice, and also in Verona, each house is built according to individual fancy or convenience, and the greatest variety of architecture, and the most wanton deviations from all law, order, or harmony, are seen. In Milan, on the contrary, every bulding is perfectly symmetrical, and scrupulously kept in repair, and not the least symptom is to be seen of a poor or declining pop. so evident is everywhere the progress of improvement." (Italy and the Italians, i. 100.)

The principal public edifice is the cathedral; an immense and imposing Gothic structure, inferior in size only to St. Peter's, Rome, and St. Paul's, London. It stands in the centre of a spacious square, nearly in the middle of the city, and is built wholly of whits marble.

only to St. Peter's, Rome, and St. Paul's, London. It stands in the centre of a spacious square, nearly in the middle of the city, and is built wholly of white marble. It was begun by John Galeaszo, first Duke of Milan, in 1825; but on so large a scale, that it is not yet quite finished; and, from having been continued by many different architects, of afferers tests, it has a great admixture of styles. Its principal Jacade has a fine general effect; but it presents the incongruity of Grecian doorways and windows introduced into a Gothic front. The entire building is in the form of a Latin cross; its length internally is 483 ft.; width, 177 ft.; total length of the transept, 283 ft. 10 in.; height of the nave, 151 ft. 11 in.; height to the top of the lantern, 347 ft.; do. to

MILAN.

the top of the spire and statue, 356 ft. There are 52 piers, 98 pinnseles, and, inside and out, no fewer than 4,400 statues. (Wood's Letters of ass Architect, p. 307.) in fretwork, carring, and statues, it goes beyond all churches in the world, St. Peter's itself not excepted. "Its double asiales, its clustered pillars, its lofty arches, the lustre of its walls, its numberless niches, all filled with marble figures, give it an appearance novel even in Italy, and singularly majestic." (Classical Tour, &c., iv. 7, 8.) In this cathedral there is no screen, and the chancel is entirely open, and separated from the nave only by its elevation. Neither are there any chapela, properly so called; and the high altar stands, as in the Roman Basilica, and, indeed, in all ancient churches, before the choir, and between the clergy and the people. The pillars, or rather clusters of pillars, which support the vault, though above 90 ft. in height, are only 8 ft. in diameter, from which comparative thinness they scarcely conceal any part of the interior from the eye. The pavement is of different coloured marbles, disposed in various figures. The dome is surmounted by a tower and obelist, which last was erected about the middle of the list century, adding, however, little to the beauty or magnificence of the edifice. On the top is the figure of the Virgin, to whom the church is dedicated. In a subterraneous chapel immediately beneath the dome is the shrine, enclosing the remains of 8t Charles Borromeo, archibishop of Milan in the 16th century, to which numerous pilgrims resort. On the whole, however, the catherlar is, both internally and externally, overladen with ornaments; and there can be no doubt that the removal of 2,000 or 2500 of 12 statues would be a signal improvement; but, with all its faults, it is certainly the finest Gothic edicient tally; and, in the opinion of some travellers, the finest church after St. Peter's.

Several other churches in Milan are worthy of notice.

2,000 or 3,000 of its statues would be a signal improvement; but, with all its faults, it is certainly the finest Gothic edice in Italy; and, in the opinion of some travellers, the finest church after St. Peter's.

Several other churches in Milan are worthy of notice. The first is that of St. Ambrose, the scene of many ecclesiastical councils and civil conflicts, and in which the German emperors usually received the Lombard crown. It is of high antiquity, and possibly some remains of the original edifice, erected by St. Ambrose towards the end of the 4th century, may form part of the modern building; but the bronze doors, and the court in front, surrounded by arcades, are acknowledged to belong to the 9th century; and the most ancient part of the building, having any character of architecture, appears to be of the same period. This church is divided by arcades into a nave and two asises, and vaulted in nearly the same manner as the church of the Carthusians at Rome (the great hall of Dioclettan's baths). Among its curiosities are the tombs of St. Ambrose and other saints, some Greek mossier, old paintings in stucco, sarcophagi of considerable antiquity, and a large brazen serpent, said to be that fabricated by Moses in the wilderness! The churches of St. Victor, St. Mark, San Celso, St. Eustorgio, the Madonne della Grasia, &c., are among the handsomest or most emarkable in Milan, and some of them are adorned with rare works of art. Eustace, however, not-withstanding his disposition to eulogise, says that many of the churches "lose much of their majesty, and even of their heaving, the arrangement of most is tasteless; yet there are few which do not present some object of curiosity worthy of a visit." (Classical Town, iv. 72.) The steeple of St. Gothard is a curious specimen of the architecture of the 14th century.

In the old Dominican convent is the famous Cenacolo, or "Last Supper," by De Vind. This magnificent work and present sover repaired and retouched, that it is now nearly in the condition of Sir John Cu

AN. archiepiscopal palaces, the city-hall or mansion-house, the mint, and the custom-house and treasury, are among the other principal edifices. The large bospital (Oppedate Grande), is of much greater extent than Bethlehem Hospital in London; being about 880 ft. in length, by "San h in denth and inclosing several open courts. It is 360 ft. in depth, and inclosing several open courts. It is not remarkable for its architecture, but is under excel

Hospital in London; being about 890 ft. in length, by 360 ft. in depth, and inclosing several open courts. It is not remarkable for its architecture, but is under excelent regulations. It was founded by Francis Sforza in the 15th century, and was left by one individual 4,000,000 livres (about 180,00.0), and by another three fourths of that amount. It is open to all applicants, whatever their country, religion, or disorder: attached to it is a dispensary, whence medicines are distributed to the poor gratis, on the specification of any physician. The most extensive building in Millan is, however, the Lazaretto, beyond the walls, also founded in the 15th century, for those infected with the plague. It consists of four ranges of building, about 1,900 ft. each in length, inclosing an area of more than 30 acres. The city abounds in charitable institutions, including several other hospitals, four asylums for poor children, two workhouses, as government loan-bank, in a magnificent edifice built in 1496, &c. (Ocaterr. Nat. Encyc.)

One of the principal attractions of Milan, especially to strangers, is the famous Teatro della Scada. This, which is the largest theatre in the Austrian empire, and, next to San Carlo at Naples, the largest in Italy, has 6 tiers of boxes, exclusive of the pit, which accommodates 500 visiters. Simond gives the following account of his visit to this theatre. "The house, which is certainly very fine, exceeds perhaps any in Paris or London, and the full band in the orchestra filled it well. Soon, however, the flapping of doors, incessantly opening and shutting, the walking to and fro over that part of the pit which is without seats, and, above all, the universal chattering, overpowered the music. Disappointed in our expectations of hearing this, and finding our attention to what was passing on the stage altogether fruitiess, we will be a supposited in our expectations of hearing this, and finding our attention to what was passing on the stage altogether fruitiess, we will be supposited in our exp them (for there were none in the house except the row of lamps on the stage) enabled us to see the people receiving company, taking refreshments, gesticulating in earnest conversation, and laughing. In those boxes where there were no lights, the company remained in visible, and a sort of chiaro-zeuro pervaded the fore part of the house. But, when the ballet began, the general hubbub at once ceased, and heads suddenly popped out, cards and conversation being suspended to look at the dancing. This, though much inferior to that of Paris or London, evidently possessed attractions superior to those of music, which was no sooner resumed, after the ballet, than the noise began again as before. A box at the opera, holding 8 persons, of whom 4 only can see, costs 11 francs; and 3 additional francs are paid by each person for this ticket of admission." (Travete, p. 17, 18.) There are 8 other theatres, 2 of which are open for performances in the day-time. formances in the day-time.

There are 8 other theatres, 2 of which are open for performances in the day-time.

Milan has many spacious and extensive barracks, nearly all of which are in the W. suburbs. The largest, nearly all of which are in the W. suburbs. The largest, nearly all of which are in the W. suburbs. The largest, extensive barracks, nearly all of which are in the W. suburbs. The largest side the Force (Force-Bonaparie), in ront, and on either side the Force (Force-Bonaparie), an esplanade, planted with trees, and laid out in elegant public walks. Behind the Caserna is a large open space, called the Place of Arms (Piazza d'Armi), from which the Simplon road opens by the Arcodalda Pace, one of the finest monuments erected in modern times. This arch, commenced in 1807 and finished in 1837, designed and principally completed by the Marquis Cagnola, is altogether of marble, richly adorned with statues and bas-reliefs. It is nearly 73 ft. in length, 42 ft. in depth, and 74 ft. in height; but to the summit of the principal statue is 98 ft. Four flute to the pa bronse herald of victory stands at each angle; and facing the city is a collossal bronse statue of Peace, in a card frawn by 6 horses. On another side of the Piazza d'Armi is the amphitheatre, built by the French in 1806, a poor imitation of the antique structures of the same kind. It is nearly 300 yards in length, by 168 in breadth, and is capable of accommodating 30,000 spectators. It may be made an amphitheatre, a circus, or a assumachia, "for charloteers to drive, and athlets to wrestle, and any to give battle on an occan 4 ft. deep; for the area could be laid under water at pleasure. The walls of this counterfeit of Roman work are scarcely 26 ft. high; and their thin facing of stone, already giving way, shows the tubbish underneath. But the place annexed to the counterfeit of Roman work are scarcely 25 ft. high; and their thin facing of stone, already giving way, shows the rubbish underneath. But the palace annexed to this circus is adorned with columns of red granite, of great size, and each made of a single block. It is, in every respect, as beautiful as the rest is pality and contemptible." (Simonal, p. 19.)

The private palaces of Milan have received little notice from travellers, but some have considerable elegance, as the Palazzo Belgioloso, formerly the villa of Napoleon, and afterwards the residence of Prince Eugene Beau-

MILAZZO.

harnola, the Serbelloni, Vitti, Marho, and Visconti palaces, &c. Besides the Arco della Pace, the city is extered by 10 gates, of which the Forta Orientals is the richest and most remarkable.

Milan, though less striking in its general appearance than Turin or Genoa, is much richer in objects of varied interest, art, and science. The Ambrosian Library, founded in 1609 by Card. F. Borromeo, comprises, according to the Austrian Encycl., 98,000 printed vois, and 18,000 MSS. Many of the latter are highly valuable, including the note-book of Leonardo divinci, some MSS. supposed to date as far back as the the century, containing fragments of Cicero's lost orations discovered by Mail. Attached to the library is a hall of painting, with several fine works by Tritan. Da Vinci, Luini, Albano, &c., and aketches by Raphael, Pietro de Cortona, Carravaggio, &c. The Berra, formerly the principal establishment of the Usus-Washi, is now converted to the use of the Royal Academy of Arts and Sciences. It has a noble collection of pictures by almost all the first and second-rate masters of Italy, collections of casts and engravings, rooms for the exhibition of the produce of the useful arts, a well-turnished observatory, a good library, sod a botanic garden. Many of the private collections in art and iterature are excellent; in the Trivulisi palace is a library of 30,000 printed vols. and many unious relics of antiquity.

Milan is the seat of government for Austrian Italy,

siderable collection of coins, and many curious reucs or antiquity.

Milan is the seat of government for Austrian Italy, and of the provincial assembly, the court of appeal, and high criminal court of Lombardy. It is the real-dence of a delegate, and an archbishop's see; and has 2 lyonums, 6 gymnasiums, a teachers' seminary, a high female school, many primary schools, a deaf and dumb school, colleges of medicine, midwifery, veterinary sur-gery, and architecture, a military geographical institute, various societies of literature, agriculture, &c.; and a

and high criminal court of Lombardy. It is the residence of a delegate, and an archibishop's see; and has I promined for the Combardy. It is the residence of a delegate, and an archibishop's see; and has I promined for the control of the control

sina, cap. canton, on the E. side of an elevated narrow promontory, at the bottom of a bay 25 m. W. by S. the Fare point of Scitly; lat. of lightbouse 39° 15′ 58′ N., long. 15° 14′ 10′ E. Pop., in 1831, 9,306. It is divided into the upper and lower towns, both of which are irregularly built; and though it has a number of large edifices, none of them are remarkable. "The churches, with the exception of that of St. Francis, are generally mean, and the convents poor and dirty; the prison is a flithy sink; the public hospital is badly provided; and the *seosé-di-picts* languishes in bad hands." (Samyhi's Sictly, p. 108.) The town is principally distinguished by its fortifications; being so strong, y nature and art, that it may be regarded as the Gibraltar of Sicily. Besides subordinate fortifications, it has a citated on the highest point of the promontory, 330 ft. above the sea, commanding the town and the port. Beneath it is a spectous grotto, called the Cave of Ulyses. The promontory is bounded on all sides by steep rocks, inaccessible from the sea; and might, according to Capt. Smyth, be easily rendered impregnable. In the lower town is the fountain of Mylas, one of those alluded to by Pliny (Hist. Nat., ib. xxxi. cap. 4.) as existing in this part of Sicily, the waters of which (in consequence, perhaps, of the melting of snow) are most abundant is summer.

summer.

Milazzo is the residence of a military commandant. Its inhab. are occupied chiefly in the tunny fishery, and in the export of wine, silk, fruit, rags, soap, white and red argola, corn, olive and innseed oils, and wine colio; the last is a cordial made by boiling must with potash. Its trade is principally with Marseilles, Leghorn, and Genoa. Its bay is large and the water deep. Ships may anchor abreast of the town in from 10 to 25 fathoms stiff mud, ahout 3 m. from the shore.

MILETUS, (Gr. M.Ayrer), a once famous but now ruined city of Asia Minor, the cap. of lonia, near the mouth of the Meander (hod. Mendere), 65 m. 8. Smyrns. This is a very ancient city, and had borne several names before it received that of Miletus, given to it by Neleus, son of Codrus, king of Athens, who conducted thither a colony of lonians, anno 1120 s. c. Few cities have been more celebrated for their population, wealth, commerce, and civilisation. The citizens of Miletus early distinguished themselves by their skill in navigation, and still more by the number of the colonies they had established along the coast of the Hellespont, the Propontis, and the Euxine; which enabled them to engross the greater part of the trade in slaves, which, in antiquity, were principally furnished by the country round the Euxine, as well as the trade in corn, fish, and furs. She was also famous for her numerous works of art, the magnificence of her festivals, and the luxury, refinement, and opulence of her people. Among her most illustrious citizens were the venerated names of Thales, one of the sages of Greece; Hecateus, one of the most ancient historians; the philosophers Anaximander and Anaximenes; Cadmus, the first who wrote in prose, and Timotheus, a famous musician and poet.* She also gave birth to Aspasia, the most accomplished and celebrated of courtesans; and Venus had nowhere more numerous and beautiful priestesses. Miletus was, in fact, the Athens of lonia, strhem genomenal Ionies toitus belli pacisque artibus principem. (Mcla, ilb. i. cap. 17).

Near the Posideum Promontorium (hod. Cape Arbors), ahout 12 m. S. by W. Miletus, was an oracle and plendid temple of Apollo, surnamed Didymacus. This temple having been burnt down by Kerxes, was rebult on a still more magnificent scale, by the Milesians. Part of the ruins yet remain; and the columns are so exquisitely fine, the marble mass so vast and noble, that its impossible, perhapa, to imagine greater beauty and majesty of ruin." (Chasadler.) Miletus had also within her

up.

The government of Miletus, and of the other cities of Ionia, was usually popular and republican; but, like their mother cities, they were distracted by faction, and frequently subjected to oligarchs or tyrants. Of the Milesian tyrants, the most celebrated was Thrasybulus, whose answer to the inquiry of Periander of Corinth may be seen in dristotle's Politics, lib. iii. cap. 10.

Miletus and the principal states of Ionia, including the Islands of Chios and Samos, being connected by the ties

Ellietus and the principal states of Ionia, including the Islands of Chios and Samos, being connected by the ties of a common origin and interest, were in the habit of sending deputies to a general council or assembly, to debate and determine upon measures for promoting their union and security. This council met at Panionium, so called from the circumstance, on the N. side of Mount Mycalé, opposite Samos, about midway between Epbesus and Miletus; the place was regarded as sacred, and was put under the especial protection of Neptune, the chosen guardian and favourite divinity of the Ionians. (Ib est Panioniums, sacra regio, et ob id co momine appellata, quod cam communiter Iones columt. — Mela, whi supra; see also Piting, Hist. Nat. lib. v. cap. 19.; and Erro-

doess, lib. 1. cap. 148.) Thales, who saw that, without a more intimate union, the lonians could make no effectual resistance to foreign aggression, advised his countrymen to establish a really federal system of government, and to concert and execute their public measures in common. (Herod. 1b. 1. cap. 170.) But this judicious advice was not acted upon; and it was only on urgent occasions, such as the invasion of foml by the Persians, that a sense of common interest and danger prevailed over their mutual jealousies and antipathies, and made any considerable number of the cities act in unison.

Most commonly the debates and decrees of the as-

number of the cities act in unison.

Most commonly the debates and decrees of the assembled deputies seem to have referred only to matters connected with religion, precedence, or ceremony. This appears evident from the circumstance of the deputies meeting at Panionium, when the lonian cities were subject to the Fersians and others, as well as when they were independent. (For farther information as to Miletus, see Herodotses, ilb. i. caps. 142, 143, 48, 2c., and ilb. vi. caps. 18. and 21; Strabe, lib. xiv.; Chandler's Travels in Asia Minor, caps. 42, 43, and 45, ; St. Croix, de FEint et du Sort des Anciennes Colonies, pp. 222—339, &c.)

Miletus, see Herodorss. 11b. 1. caps. 143, 143, 148, &c. and lib. vi. caps. 16. and lil.; Strabe, lib. xiv.; Chamder's Travets in Asia Missor, caps. 42, 43. and 45.; St. Crots, de l'Etat et dis Sort des Asicisses Colonsies, pp. MILFORD HAVEN is an extensive basin, or inlet of the sea, deeply indenting the S. part of the co. Pembroke, in S. Wales, and forming one of the most capacious and safest asylums for shipping in the British dominions. St. Anne's Head, forming the N.W. extremity of the entrance to the Haven, lat. 51 41'N., long. 59 10' 29' vi., is 145 ft. in height, and is surmounted by two light-houses, with fixed lights, respectively 15 and 45 ft. in height. The entrance is about 1½ m. in width; what may be called the Haven is from 10 to 11 m. in depth; but it branches out into an immense number of deep bays, creeks, and roads. The water is deep; and being completely land-locked, and the anchorage-ground of the very best description, ships ride within the Haven as asfely as if they were in dock. At springs the tides rise from 28 to 30 ft., affording unusual facilities for the repair of ships, enabling them to get to sea with comparatively little difficulty, and to sail in even though the wind should be contrary. It may be entered without a pilot as well by night as by day.

Mitrono Town, on the N. side of the basin, 6 m. W. by N. St. Anne's Head, was founded in 1784. It is finely situated; it is especially remarkable for the mildness of its climate, and has some good buildings, including a handsome church. A dockyard constructed here in 1790 has, however, been removed to Fater-Dock, on the 8. side of the haven, and the town has not increased in the degree that was anticipated. It is probable, too, that the advantage of having the rendervous for the feets in stations better adapted for watching the coasts of France will always prevent Milford, or any other port on the haven, from staining that importance as a naval depth which the excellence of the haven might seem to insure; while the barrenness of the s

one, 5c.)

MiLO (an. Melos), an island of the Archipelago, belonging to Greece, in the group of the central Cyclades, the summit of Mount St. Elias; in its S. W. angle, 2036 ft. above the sea, being in lat. 30° 40′ 25° N., long. 34° 35′ 14′

E Pop. 2,500.? This island is said by Pfiny to be circular (Omessee rotundissime, lib. iv. cap. 12.); but it is really of an oblong shape, being about 13 m. in length from B. to W., and where broadest about 7 m. across; it

really of an oblong shape, being about 13 m. in length from R. to W.; and where broadest about 7 m. across; it is indented out its N. side by a spacious bay, stretching N. W. and S. R. about 6 m., which has deep water throughout, and forms one of the best asylums for shipping in the Levant. This island is obviously of volcanic origin: Mount Calamo, indeed, is at this moment a semi-active volcano, emitting smoke and sulphureous vapours; in many places the earth is hot, and there are numerous hot springs, one of which, in a natural grotto, is used by the natives as a sudatory. It also furnishes abundant supplies of iron, alum, sulphur, and salt. A considerable portion of the surface is rugged and mountainous, and has a naked and sterile appearance; but the valleys and low grounds are extremely fertile, such small portions of them as are cultivated producing corn, wine, oil, cotton, oranges, and other fruits in the greatest profusion. In point of fact, however, Millo is now almost depopulated, and nearly a desert; a result that is partly to be ascribed to the ravages of the plaque, the badness of the water, which is generally brackish, and the prevalence of malaria; but far more to the influence of that brutalising despottsm under which it has ment one prevasence or masaria; but far more to the in-fluence of that brutalising despotism under which it has ground fer centuries. Milo, the capital, situated near the bottom of the bay, is rendered unhealthy from the vicinity of salt marshes, and is an inconsiderable, wretch-

explace.
Castro, another town, near the entrance to the har-bour, on its E, side, is built on the summit of a conical bour, on its E, side, is pull to rise above the roofs of each bour, on its R, side, is built on the summit of a conical hill, the houses appearing to rise above the roofs of each other. A little to the S.W. of Castro, near the shore, are the ruins of the ancient city. The remains of a theatre, built of large masses of the finest marble, and fragments of solid walls have been discovered. In the vicinity are numerous catacombs, cut in the porous rock. (Toursefort, Foyage du Levant, lettre Iv.; Direier, Em-père Othoman, II. cap. 9; Turner's Tours in the Levant; Purdy's Sailing Directions for the Guiph of Venice, &c., 97.)

Parely's Sesting Directions for the Guph of Venice, &c., p. 97.)
Such is the present state of this once famous island. Melos is said by Thucydides to have been independent 700 years before the Peloponesian war. The most probable opinion seems to be that the Melians were descended from the Lacedsmonians; but, however that may be, they declined taking any share in that contest, and though pressed by the Athenians to espouse their cause, declared their neutrality. The Athenians, Bowever, having the command of the sea, determined to coerce the Melians into submission to their mandates; and though the first expedition sent against them failed of its object, the second was more successful. Thucydides gives the substance of the speeches made by the Athenian commanders to the Melians previously to their commencing hostilities; and on no occasion has the robber's plea, that whatever the powerful may please to command, the weaker are bound to obey, been more broadly and unequivocally asserted. The sequel of their conduct was worthy of the principle thus laid down; for the Melians having, after a stout resistance, surrendered p. 97.5 conduct was worthy of the principle thus laid down; for the Melians having, after a stout resistance, surrendered at discretion, the Athenians put all the full-grown males to the sword, and carried the women and children to Attica, where they were sold as slaves! This detestable atrocity was perpetrated shortly before the Athenians engaged in their expedition against Syracuse; and is related by Thucydides, without note or comment, as if it had been a legitimate and ordinary occurrence ! (Thugad. lib. vi. ad facm.) The fortune of war having, however, soom after turned against the Athenians, the captive Melians were restored to their native country; and the island continued to be comparatively prosperous till, after innumerable vicissitudes, it was seized upon by the Turks, under whom it has been reduced to the abject state in which we now find it. It seems to have retro-granded materially between the visit of Tournefort, in 1700, and that of Olivier, at the end of the century. It is now, however, included in the kingdom of Greece, and will, most probably, recover some portion of its former

now, nowever, included in will, most probably, recover some portion of its former prosperity.

MILTON, or MILTON-ROYAL, a fishing town and par. of England, lathe Scray, co. Kent, hund, its own name, Il m. N.E. Maidstone, and 36 m. E. by S. London. Area of par., 2,340 acres. Pop., in 1841, 2,588. The town, on the decilvity of a hill sloping down to a creek which opens into the channel between the lale of Sheppey and the coast of Kent, is old and irregularly built. It has a market-house and shambles near its centre; and at its N. end is an old court-bouse. The church, which stands at a considerable distance from the present town, is a spacious fabric, with a square tower of film stone ladd in even rows. The living is a rectory, in the gift of the dean and chapter of Canterbury. There are places of worship, also, for Wesleyan Methodists and Baptitts, with attached Sunday schools; a free school was founded in 1718.

Milton has, for many centuries, almost entirely de-

MINDEN.

\$29

pended on its oyster faberies, the produce of which is highly esteemed, and distinguished as the "Milton natives." The right of the fishery, within certain limits, formerly belonging to the abbey of Faversham, and afterwards to the crown, is now held on lesse from the lord of the manor by a company of free dredgers, composed of the principal fishermen of the town; and in 1831 there were 119 families immediately dependent on the trade in oysters, which is principally carried on with the metropolis. The town has four wharfs; and, besides oysters, considerable quantities of corn and farm produce are shipped for the London market. Both the town and port are under the jurisdiction of a portreeve, elected annually by the inhabs, paying poor's rates.

Milton disputes with Richborough the honour of having furnished the Roman epicures with the oysters alluded to by Juvenal:—

" Rutupinove edita funde Set. iv. 141.

MILVERTON, a market-town and par. of England, co. Somerset, hund. its own name, 64 m. W. Taunton, and 139 m. W.S.W. London. Area of par. 6,400 acres. Pop., in 1841, 2,154. The town, situated in a richly wooded Pop., in 1841, 2,184. The town, situated in a richly-wooded and well-cultivated country, is small and ancient, consisting chiefly of three irregular streets, with the church, a large building, standing on an embence in the centre. An extensive manufacture of serges and flannels is carried on here; and there is a sitk-mill, which, in 1838, employed 34 hands. Milverton was formerly a bor, and is still governed by a portreeve, appointed by the lord of the manor. Petty sessions for the hund, are held here. Markets on Friday; cattle fairs, Easter Tuesday, July 25, and Oct. 10.

the manor. Petty sessions for the hund are held here. Market on Friday; cattle fairs, Easter Tuesday, July 25, and cet. 10.

Min CHIN-HAMPTON, a market-town and par. of England, co. Gloucester, hund. Longtree, 12 m. 8. by E. Gloucester, and 89 m. W. by N. London. Area of par., 4,880 acros. Pop., in 1841, 420. The town, on the W. escarpment of the Cotwold hills, consists of a long irregular street, extending N. to S. along the road from Gloucester to Chippenham, and crossed by another leading to the par. church, near the market-house. The church is a large cruciform structure, surmounted by an octagonal embattled tower, rising from the intersection of the nave and transepts: the living is a rectory in private patronage. The Weeleyan Methodists and Baptists have also their respective places of worship, with atched Sunday schools; and there is a well-attended national school, for children of both sexes, besides a respectably endowed grammar-school. Minchin-Hampton, which is only 4 m. S. E. of Stroud, the centre of one of the largest clothing districts of the co., has numerous cloth-factories on the banks of the numerous brooks in the vicinity; and in 1839 it had 12 woollen-mills, furnishing employment to 785 hands. Nearly 100 hands were then, also, engaged in hand-loom weaving. Trade, however, has for some years been on the decline, and its fluctuations have caused great distress among the weaving pop.: the average earnings of each family when in full work amount to 10s per week, of which 6s. 10d. may be assumed as the produce of hand-loom labour. Markets on Tuesday; fairs for cattle, horses, and cheese, Min (10) (10, 10). Mincriss), a considerable river of N.

Trinity-Monday and Oct. 29. See Stroup. (Hand-loom Measers' Rep., &c.).

MINCIO (an. Mincius), a considerable river of N. Italy, which has its source in the Lago di Garda; and which, flowing S., with many windings, by Mantua, unites with the Po 12 m. S.E. that city. In the upper part of its course, till it approaches Mantua, it is rather rapid; but from near Mantua to the Po it has a sluggish current, and is navigated by the boats that ply on the latter. Virgil, who first saw the light on the banks of this river, has celebrated its praises:

tardis ingene ubi flexibus errat Lincius, et tenera presenta arundine ripus. Georg., ilb. iii. lin. 14.

Mincies, et tesers presenti arundine ripes."

Georg., its. its. 14.

MINDEN, a strongly fortified town of the Prussiaes states, prov. Westphalia, cap. reg. of its own name, on the Wesser, here crossed by a bridge 600 ft. in length, near the Hanoverian frontier, 60 m. E.N. E. Munster, lat. 55° 17° 47" N., long, 8° 53° 26" E. Pop. (1846) 9,80%, it is irregularly built, and has no remarkable edifice, except a handsome cathedral, and new and good barracks. Minden has a gyannasium or college, a normal school, an orphan asylum, 4 hospitals, and other public institutions, and is the seat of a court of justice for the town and district, and of a board of taxation; but the court of appeal for the regency is at Paderborn. Manufactures considerable; consisting of wootlens, stuffs, linen, hosierr, hats, gioves, tobacco, soap, refined sugar, &c. A number of saw-milis are employed in the preparation of the wood brought down the Weser, and it enjoys a considerable share of the transit trade on this river between Bremen and Prussiam Westphalia, Hesse-Cassel, &c. In the neighbourhood are coal mines and alt springs, both very productive. The fortifications of Minden have been much improved since 1818. This

town was the residence of several early German em-

town was the residence of several early German emperors, and various diets were held in it.

The French were defeated in the vicinity of Minden in 1759, by the Prussians under Prince Ferdinand, brother to Frederick the Great, and the British under Lord George Sackville. The non-compliance of the latter with the orders of the former is said to have saved the French from a complete rout, and gave rise at the time to a great deal of acrimonious discussion.

(Berghaus, Sc.)
MNEHEAD, a sea-port, decayed bor., and market-town of England, hund. Carhampton, co. Somerset, on the Bristol Channel, 20 m. N.W. Taunton, and 149 m. on the Bristol Channel, 20 m. N.W. Taunton, and 149 m. W. by S. London. Area of par., 3,780 acres. Pop., in 1841, 1489. The town comprises 3 distinct masses of building, forming a triangle, the sides of which are about j m. long; the best part, which contains some good houses and inns, being about j m. from the sea. The church, which is large and handsome, stands on the slope of a hill N. of the town: there is also a place of worship for Wesleyam Methodists, and a well-attended Sunday-school. A free school for 30 boys is supported by the lord of the manor; besides which, there are several bequests of money-charities for the relief of the poor. Minehead formerly had a considerable share in the herring lisheries; and had a large trade with Ireland, as well as with the Mediterranean and N. America. Its consequence, however, as a port, has greatly rica. Its consequence, however, as a port, has greatly declined, notwithstanding its commodious harbour and declined, notwinstanding its commonious narrour and pier; but it has lately been much frequented as a watering place, and the inhabs, are at present mainly supported by the influx of visiters. Minehead received its charter of incorporation in I. Eliz., from which time down to the Reform Act, by which it was disfranchised, it returned 2 mems, to the H. of C., the right of election being vested in the resident housekeepers in the pars. of

finehead and Dunster.
MINESOTA, a territory of the U. States. See Sup-

MINORCA (Balcaris Minor), the second in size of the Balcaric Islands, belonging to Spain, in the Medi-terranean, off the E. coast of Spain, from which it is distant about 140 m., Mahon its cap, being in lat, 39° 51′ 10″ N., long, 4° 18′ 7″ E., it is of an oblong shape, extending from W.N.W. to E.S.E., but somewhat concave on its S. side. Length, 32 m.; average breadth, concave on its S. side. Length, 32 m.; average breadth, 9 m.; area about 290 sq. m. Pop., according to Minano, 44,147. The coast is indented on every side, but particularly on the N., with small bays, or deep creeks, and is surrounded with islets, rocks, and shoals. Surface very uneven, with abrupt hills mad knolls; but there are no mountains, except El Toro, near its centre, which rises 4,739 ft. above the sca. Iron, lead, and copper have been found, though in too small quantities to be wrought; but mable is extremely about any country. which rises 4,738 ft. above the seal Iron, lead, and copper have been found, though in too small quantities to be wrought; but marble is extremely abundant, and of many beautiful varieties, as is seen in the churches and houses of Port Mahon. Water is scarce, and the climate is less mild and agreeable than that of Majorca. The air in winter is damp and raw, owing to the frequency of N. winds; but snow is acklown seen. The themperature during spring is mild, and the air pure, though somewhat moist; the summer heat is very operanded the strength of the summer heat is very operand and heavy rains. The soil is in most parts poor, sandy, and unproductive; but on the hill-sides are several fertile tracts, on which good crops of corn and wine are raised with little labour. Excepting a few evergreen oaks near the centre of the island, Minorca is almost destitute of treet; a circumstance attributable partly to the devastations of war, and partly to the violent N. winds, which are extremely injurious to plantations. Wheat and barley are the grains chosey to the bing of middling quality, and scarcely sufficient to supply two-thirds of the consumption of the palameters of the siland. The summer has a summer of summer than the government of Russian Poland, comprising and with little labour. Excepting a few evergreen oaks near the centre of the island, Minorca is almost destitute of treet; a circumstance attributable partly to the devastations of war, and partly to the violent N. winds. The soil is in most parts poor, and the proper of the soil of the consumption of the polar part of the soil of the consumption of the palameters of violent N. winds. Capers grow spontaneously, and form an important article of export. Flax, hemp, saffron, and the object of the consumption of the palameters of the control of the country is inundately of the government. Seen also, and the relation of the country is inundately of the government. There are a number of smarth land, along the bank of the friend of the consumption of the policy of th

Leghorn, and the ports of France. The imports com-prise wheat, oil, linen, cotton and woollen fabrics, wood tobacco, and a variety of manufactured goods and colonia iobacco, and a variety of manufactured goods and colonial products from Spain. France, and Italy. The possession of Minorca by the British during the greater part of last century did something to awaken a spirit of activity and enterprise among the inhabitants. Since its restoration to Spain, however, its industry and commercial importance have greatly declined. Accounts are kept in Spanish money; but some of the inhab, still retain the English mode of accounting.

"The inhab. of Minorca," says Fischer, " are ardent, courageous, ingenious, and make excellent sailors. That activity of mind which distinguishes the Mallorcans, they possess, perhaps, in a still higher degree; for they

they possess, perhaps, in a still higher degree; for they are extremely lively, sociable, and even convivial. As the climate and soil of Minorca are greatly inferior to those of Majorca, the people of the former island are much less opulent than the Mailorcans; but they bear a much less opuient than the manorcams; but they come actose affinity to each other in language, manners, and religion." (Pict. of Falencia, p. 289.) They are enthusiastically fond of religious processions, and are as bigoted and ignorant as possible. Dancing and playing on the mandolin are their chief amusements. The modern inhab, are said to be as expert as their ancestors in

on the mandoun are their chief amisements. The modern inhab, are said to be as expert as their ancestors in the use of the sling.

Minorca is divided into the four districts, or termines, of Mahon, Alayor, Mercadel, and Cludadela, which are the names also of the four largest towns. Mahon, the cap. (an. Portus Magonis), at the E. end of the island, with a pop. of about 19,000, is, on the whole, well built, chiefly in the English style; but the older streets are narrow, crooked, and badly paved. The harbour is one of the best and most capacious in the world: three large squadrons have, more than once, been at anchor in it at the same time, and there is excellent mooring ground in five and six fathoms, sheltered from every wind. It has three rocky islets: on one stands an hospital, on another the lazaretto, and on the third is an arsenal, with naval store-houses, all built by the English. Ciudadela (which see) is the ancient capital, but its pop. is not above 8,000. The other towns are little more than mere villages. villages.

The ancient history of Minorca is nearly identica.

The ancient history of Minorca is nearly identica, with that of Majorca. In 1285 the Moors were finally expelled from both islands, which were then formally annexed to the crown of Arragon. In 1703, during the war of the Spanish succession, the English took possession of the island, with the intention of making it a naval station. It was confirmed to the British by the peace of Utrecht, and remained in their possession till 1706, when it was taken by a French fleet and army, after the failure of the attempt to relieve it by Admiral Byng, which led to the memorable trial and death of the latter. At the peace of 1763 Minorca was restored to Great Britain, but in 1782 it was retaken by the Spaniards. It was once more taken by the British in 1798, and was finally ceded to Spain at the peace of Amiens in 1802. (Fischer's Valencia, p. 250—283.; 567.

The Third of Compression of the Mediterromens, I. 18—15.; Milano.)

MINSK, a government of Russian Poland, comprising

MINSK.

Shere were but 3 printing establishments in the gov. Chief towns, Minsk the cap., Boubronish, and Sloutak.

Minsk., a town of Russian Poland, cap. the above government, and one of the largest in Lithuanis, about 400 m. W. S. W., and 180 m. W. by S. Eroduo. Lat. 280 45 '9' W.; long. 270 28' 19' E. Pop. 14,500. Its streets are narrow, irregular, and dirty, and its bouses nearly all of wood; but the town has, upon the whole, a respectable appearance, and some good buildings, among which are several Greek, Greek-united, and Rom. Cath. churches, a synagogue, a gymnasium founded in 1773, and a handsome theatre. It is the see of a Greek arch-bishop, and a R. Catholic bishop, and has manufactures of woollen cioths, hats, and leather. Under the Poles, Minsk was the cap. of the palat. of same name. (Schwizher La Russic, p. 402 — 408.)

MIRANDOLA, a town of N. Italy, duchy of Módena, cap. cant., on the Burana, 18 m. N.N.E. Modena. Pop. 4,500. It is walled, and has a castle, but its fortifications have failen into decay. Among its principal edifices are a handsome cathedral and numerous churches, an hospital, and a palace belonging to the Cico family. It has manufactures of silk stuffs and twist, and woollen and cotton yarn, and an active trade in these articles and in rice, a good deal of which is grown in the neighbourhood. (Rewspadt; Dict. Gog., 4c)

MIRECOURT, a town of France, dép. Voages, cap. arroad., on the Madon, a tributary of the Moselle, 16 m. N. W. Epinal. Pop., while the females are employed in making lace. (Hugo, art. Voages.)

MIRECOURT, a town of France, dép. Ariège, cap. cant., on the Lers, a tributary of the Ariège, 15 m. N. E. Foix. Pop., in 1836, finc. com., 4,050. It is well-built and clean, and has a large bospital, a par. church, a town of France, dép. Ariège, cap. cant., on the Lers, a tributary of the Ariège, 15 m. N. E. Foix. Pop., in 1836, finc. com., 4,050. It is well-built and clean, and has a large bospital, a par. church, a town of France, dép. Ariège, cap. cant., on the Lers, a trib

cloths.

MIRZAPORE, a distr. and town of British India, presid. Bengal. The district is included in the prov. of Benares, and is in about lat. 35° N., and between long. 39° and 39° E. Area, estimated at 3,650 ag. m. Pop. uncertain, but probably about 1,000,000. Land revenue (1829-30), 10,82,291 rupess. The cap., Mirzapore, is on the Ganges, 30 m. S.W. Benares. Lat. 25° 10′ N., long. 32° 30′ E. it has numerous handsome European and native houses, illudoo temples and ghauts, and is the chief mart for silk and cotton goods in the British middle provs. Cotton stuffs and carriets, of a superior kind. are

chief mart for silk and cotton goods in the British middle provs. Cotton stuffs and carpets, of a superior kind, are made here; and there are some iron works in the vicinity. (Hamilton's E. I. Gaz.)

MISTRA. See Sparta.
MISKOLCZ, a large market-town of Hungary, co. Borsod, of which it is the cap., on the great road from Pesth to Upper Hungary, 23 m. N. E. Erlau. Pop. acc. to the Austrian Encyc., nearly 27,700, principally Protestants. It is well built, and has numerous churches, a Protestant and a R. Catholic gymnasium, a Greek national school, a spnagogue, a Minorite convent, &c. The wine grown in the vicinity is the chief article of traffic at Misklocz.

MISSISSIPDI

troma school, a synagogue, a simorite convext, ac. I he wine grown in the vicinity is the chief article of traffic at MississISIPPI, one of the U. States of N. America, in the S.W. part of the Union, between the 30th and 35th degrees of N. Iat., and the 38th and 91st of W. Long., having N. Tennessee, E. Alabama, W. Arkansas and Louisana, and S. the last-named state and the Gulph of Mexico. Length, N. to S., 325 m.; average breadth, about 140 m. Area, estimated at about 47,000 eg. m. Pop., in 1846, 375,551; of whom 195,211 were slaves. North of lat. 31° the W. boundary is wholly formed by the river Mississippi; the country along which is a continued swamp, occasionally interspersed with patches sufficiently elevated to admit of cultivation. From this low plain the surface gradually rises towards the E., where a tract of moderately high land, stretching from S.W. to N.E., forms the watershed between the rivers joining the Mississippi in this state, and those flowing separately into the Gulph of Mexico. Many other hill ranges, of no great height, traverse the state, giving to the greater part of it an undulating surface. Next to the Mississippi, the Yazoo, Pearl, and Pascagoula rivers are the principal, and lie wholly within this state. The Yazoo, a tributary of the Mississippi, has a general 8.W. direction, and an entire length of 940 m., 50 m. of which are navigable. The Pearl and Pascagoula rivers have a general 8. direction, and both 500 into the Gulph of Mexico. Both are navigable, also, to a considerable distance from their mouths.

Mississippi has about 30 m. of sea-coast, but no harbour except Pascagoula. A few low islands lie along the coast, but they are generally sterile, and of little coast, but they are generally sterile, and of little

consequence. The climate nearly recembles that of Louisiana, but it is said to be healthier. But, during summer, fevers and billious affections are more or less prevalent in all parts of the state. A large proportion of the soil is fertile, and covered with timber; oak, hickory, black walnut, maple, and pine being the prin-

prevalent in all parts of the state. A large proportion of the soil is fertile, and covered with timber; oak, alckory, black walnut, maple, and pine being the principal forest trees.

The sugar-cane grows in the S., and the orange on the lower banks of the Pearl and Pascagoula rivers; in the central region, maise, rice, tobacco, indigo, fig., grapes, melons, sweet potatoes, &c., attain to excellence; while apples and pears thrive in the N. Tobacco and indigo were formerly the staples of Mississippi; but cotton is now the principal product, and lis culture engrosses by far the greater portion of the attention of the planter. The crop of 1837 amounted to nearly 320,000 bales, and there has been a considerable increase in the interval. Most estates raise enough of Indian corn for their own consamption, and breed hogs sufficient to supply them with bacon. The trade of the state centres in Natches.

In 1837, Mississippi had 56 organised counties. Jackson, on Pearl River, is the seat of government; but its pop, is small, and it has no recommendation other than its central situation. Natches is by far the most important town in the state. The legislative power is vested in a senate of 23 members, chosen for four years, and alouse of Representatives, elected for two years, by the white male citizens, 21 years of age, who have resided a year in the state. The governor is elected for two years, and the General Assembly meets also biennially at Jackson. Justice is administered in a high court of errors and appeals, a superior court of chancery, it district courts, and circuit courts in each co., which last have original jurisdiction in civil causes above 50 dolls. Imprisonment for debt has been recently abolished, and the Peottentiary system adopted. In 1838, the state had 28 banks and 18 branch banks, with a united capital of 2,900,000 dollars. In 1840, 80 m. of railroad had been completed in the state. There are college at Washington, Oakland, and Cilinton; though only the first, established in 1802, and called Jefferso

Mississippi (from an Indian word, meaning "Father of waters"), a great river of the United States of N. America; forming, with its various tribustaries, one of the most extensive water systems in the world, and draining above 1-7th part of the N. American continent. It extends N. and S., between the 29th and 48th parallels of N. lat.; and from the sources of the Alleghany, eastward, to those of the Missouri, westward, is a distance of 1,850 m., measured in a straight line between the 77th and 11th meridians of W. long. Length, from Lake Itasca, the source of the Missouri, the true head of this mighty river, 4,400 m. Estimated area of the country drained by it and its tributaries, about 1,100,000 eq. m. The Mississippi divides the territory of the Sloux Indians, with the states of Missouri, and Arkansas, lying on its W., from the Huron territory and the states of Illinois, Kentucky, Tennessee, and Mississippi, on its E. side; but the entire basin receives the drainage, not only of these districts, but also of Ohlo and Indians, with parts of Pennsylvania and Alabama, besides that of an immense extent of hitherto unsettled country in the "FarWest." The lake Itasca, in which the river rises, and which was first discovered by Schoolcraft in 1833, at a level of 1,250 ft. above the see, is a beautiful sheet of water, about 8 m. in extent, lying among pine-covered hills of diluvial formation, based on primitive strata. The river flows themes N.N.E. about 180 m., to Lake Cass, where it takes a S.S.E. course, and pursues it, with some deviations, to the junction of the Chio. (Geog. Journal, iv. 242-251.) Its velocity during its passage through the lake-region, bordering on British America, is in many parts very considerable. There are several falls, the largest being the Big Falls, at a spot where the stream divides, and forms several islands: about 60 m. lower down, also, are the Falls of St. Anthony, 9 m. above the confluence of St. Peter's River; and here the stream, flowing in two channels, each between 200 and 300 y

in lat. 40° 20' N. It is here about a mile broad, with transparent light blue, though not very deep, water; numerous islands stud its surface; and the current transparent light blue, though not very deep, water; numerous islands stud its surface; and the current averages 2 m. an hour. Its banks are in many places bounded by broken and precipitous bluffs, ranging from 150 to 750 ft. in height, intersected here and there by deep ravines, and covered with forests of pine, birch, maple and cedar; but in some parts are rather extensive prairies, covered with the Zizania aquatica, a species of the cerealia, commonly, though incorrectly, called wild rice, which forms a considerable article of food among the native Indians. (Darby, p. 311.) Its principal affluents here are the St. Peter's, St. Croix, Chippeway, Wisconsin, Rock, riv. des Moines and Illinois; the last being by far the most important, and admitting of boatnavigation as far as the rapids, 250 m. above its mouth. The waters of the Missouri join those of the Mississippi in lat. 38° 56' N., and long. 90° W., from which point the latter entirely changes its character. It is here about 1½ m. broad; and the Missouri enters from the W., nearly at right angles, not being more than ½ the breadth of that into which it empties itself. "At this point," says Capt. Hall, "such is the impetuosity of the Missouri, that it fairly divides the Mississippi, even to the left, or of that into which it empties itself." "At this point," says Capt. Hall, "such is the impetuosity of the Missouri, that it fairly divides the Mississippi, even to the left, or E., bank; nor were there above 10 or 12 yds. of clear water on that side of the river, while all the rest was muddy. The line of actual contact was particularly interesting: it seemed as if the dirty Missouri had insimuated itself under the clear Missispipi, for we saw it boiling up at a hundred places. First, a small curdling white spot, no bigger than a man's hand, appeared near the surface, which rapidly swelled and boiled about, till, in a few seconds, it became as large as a steam-boat, spreading itself on all sides in gigantic eddies and whirl-pools, in a manner astonishingly grand and striking. At other places, the two currents ran along, side by side, without the least intermixture, like oil and water; but this separation was never of long continuance, and the contaminating Missouri soon conquered the beautiful Mississippi: indeed, the stain is never for one moment got rid of during the 1,200 m. that the stream runs over, before it falls into the Gulph of Mexico." (N. America, ili. 329.)

iii. 329.)

The addition of the Missouri waters, however, has not the effect, that might naturally be expected, of widening the surface of the main stream; for the united waters have only, from their confluence to the mouth of the Obio, a medial width of about \(\frac{4}{2} \) m. The junction of the Obio, a medial width of about \(\frac{4}{2} \) m. The junction of the Obio, a medial width of about \(\frac{4}{2} \) m. The junction of the Obio, a medial width of about \(\frac{4}{2} \) m. The junction of the Obio seems also to produce no increase, but rather a decrease, of surface; and the river, in its natural state, is still narrower at New Orleans, which is only 120 m. from its mouth. (Lycl's Geology, i. 268.) Its depth, however, is so much increased, that, at he shallowest places, there are usually 6 ft. water, when the river is lowest. The rapidity of the current is more than doubled; and it presents, except in the dry season, a turbid and dangerous mass of waters, passing between jagged and continually falling shores, and leaving, wherever its waters have receded, large deposits of mud. Accidental circumstances often shift the current on to the islands or bends of the river, and every season makes great revolutions in the course of the channel. Sometimes entire hends are broken through by the impetuosity of the waters; sometimes large islands are entirely melted away; at other places, they have been united to the main shore by myriads of logs, that have floated down, and become cemented together by mud and rubbis. Thus, by continually shifting its course, the river sweeps away, during a great portion of the year, considerable tracts of alluwium, which were gradually accumulated by the overflow of former years; and the matter now left during the spring floods will be, at some future time, removed. (Hall, iil. 361.; Lycll, 1.271.) About 190 m. below the confluence of the Missouri, it receives the Ohio, or La Belle Rivière of the French, flowing, with it also the The addition of the Missouri waters, however, has not Belle Rivière of the French, flowing, with its light green stream, from the E. bank, bringing with it also the waters of its great tributaries, the Wabash, Cumberland, and Tennessee. At this point, not only does the stream turn S.W., but the bluffs on both sides retire, and a fine, well-timpered plain extends on both sides the river, ranging (except at the Iron-banks and Chickasaw Bluffs, on the E. banks) from 30 to 50 m. in breadth; Bluffs, on the E. banks) from 30 to 50 m. In breadth; still expanding as it approaches the mouth, where it is probably three or four times that width. About 380 m. below the influx of the Ohio, is the junction of the Arkansas and White River, which enter the main stream close to each other, on the W. bank. Thence to the confluence of the Red. River, is a distance, S. by W., of 360 m., measured along the stream, and below this latter point, the river bends S.E., and enters the Gulph of Mexico, after a course of 335 m. from the Red River, of 1,075 m. from the confluence of the Ohio, and of 1,270 m. from that of the Missouri. The lower part of the Mississippi is so much flooded after the rainy season,

* This is Flint's account; but Capt. B. Hall says that the two rivers are nearly equal in breadth, each being somewhat more than & m. wide.

that there is often a space of inundated woodland from 30 to 100 m. in width: large swamps, also, are found, during the whole year, on both sides the river; and indeed the whole country nearly as far up as Natchez, 427 m. from its mouth, presents nothing but a swampy tract, the abode of alligators, and subject to epidemic and other diseases most calculated to shorten and destroy human life. The lower part of the Mississippi, for 30 m. above the mouth, as far as the head called Plaquemines, is a reedy marsh, without trees, and containing only a few fishermen's huts and a residence for pilots at Balize: in fact, nothing can well be conceived more dreary than the aspect of the river, even as far as pilots at Balize: in fact, nothing can well be conceived more dreary than the aspect of the river, even as far as 70 m. above the mouth. The principal entrances for vessels are the N.E. pass, lat. 29° 7′ 25″, about 3½ m. S.E. of the light-house on Frank's Island; the S.E., or main pass, lat. 29° 8′, 4½ m. S.S.E. from the light; and the S.W. pass, about 22 m. S.W. of that land-mark. Our all these passes there are bars at the outlets, with com-paratively shallow water: the main pass has about 13 ft., the S.W. mass 12 ft.; but the rest are much shallower. the S.W. pass 12 ft.; but the rest are much shallower. The tide rises only from 11 to 2 ft. at Balise, and is not perceptible more than 30 m. above the mouth, (Blust's Amer. Coast Pilot, p. 270.) The Mississippi has four other outlets; one, called the berville, on the E. back flowing themsels, the labes Mayreness and Pont. four other outlets; one, called the herville, on the E. bank, flowing through the lakes Maurepas and Pont-chartrain; the others being on the W. bank, viz., La Fourche, which leaves the main stream 186 m. from its mouth; Plaquemines, about 31 m. higher up.; and the Atchafalaya, which defects south-westward, in lat. 319 N., and long, 910 427 30" W.: the last-mentioned branch partly empties itself into the bay of its own name, but also returns a cortion of its waters into the main branch partly empties itself into the bay of its own name, but also returns a portion of its waters into the main current, with which, indeed, all the minor branches of the delta are more or less interlaced. A great raft, or accumulation of drift-timber, in the Atchafalaya, varying in length from 8 to 12 m., and about 220 yds. wide by 8 ft. in depth, is covered with vegetation; and, as it rises and falls with the river, is, in fact, a floating island. Occasionally breaches occur in it, and immense masses separate, but they soon lodge again, in consequence of the pressure and entanglement of the trees. The prodigious quantity of timber annually drifted down the Mississippi and its tributaries is so great as to be a subject of geological interest; not merely as showing how vegetable matter becomes imbedded in submarine and fluviatile deposits, but likewise attesting the constant destruction of soil, and transportation of matter to lower levels, by the tendency of rivers to shift the constant destruction of soil, and transportation of matter to lower levels, by the tendency of rivers to shift their courses. Each of these trees must have required many years or even centuries to attain its full size: the soil, therefore, whereon they grew, after remaining long undisturbed, is ultimately torn up and swept away; but still, notwithstanding such constant destruction of land and timber, the region which yields the supply is densely covered with forests, and almost unrivalled in its resources for the support both of animal and weestable life.

still, notwithstanding such constant destruction of land and timber, the region which yields the supply is densely covered with forests, and almost unrivalled in its resources for the support both of animal and vegetable life. (Lyell's Geology, 1. 271–273.)

Tributaries.—By far the largest of all the tributaries of the Mississippi is the Missouri (or "mud-river"), which, indeed, brings down more water than the main stream itself; and, from its prodigious length of course, uncommon turbidness, impetuous and wild character, as well as the singular country through which it runs, possesses a natural grandeur, nearly approaching the sublime. Its sources, discovered by Lewis and Clarke in 1812, are in the Rocky Mountains, and nearly under the same parallel as that of the Mississippi. The river rises in two branches, which collect all the water flowing from the Rocky Mountains, between 42° and 48° N. lat. The most northerly of these sources, called the Missouri, rises in about lat. 45° N., and long. 110° 30′ W., taking an easterly course, inclining to the N. for about 620 m., receiving in its course many considerable affluents, and having a stupendous fall of 170 ft., about 300 m. from its source: the other branch, called the Yellow-stone River. rises by several heads between lat. 42° and 44° N.; and, after a N.N.E. course of more than 900 m., joins the Missouri in lat. 48° 10′, and long. 104° 0′ W.; where its stream is 850 yards wide, or nearly treble the breadth of the Thames at London Bridge. The united river flows hence through a fine open prairie; and, after reaching its utmost N. bend, in lat. 48° 30′, curves southward past Fort Mandan, maintaining the same course to the confluence of the White River, in lat. 43° N., below which it takes a general S. S.E. course, by Council Bluff, to the junction of the Kanzas, and then runs nearly E. to its union with the Mississippi; its entire length, from the source of the Yellow Stone to this point, being 3,130 m. Its largest tributaries are the Platto the confluence of the

generally desmed good; though the season be short, and the boats run only during day-light. It seems probable, however, that, as the country becomes more settled, steamers will be found, not only to carry up merchandlase, but to take return-cargoes. The main difficulties of navigation (**Metmore's Gas. of **Missouri**), 28.) arise from its falling banks, the timber imbedded in the mud of its channel, its sand-bars and rapids, and the rapidity of its current, which ranges from b to 8 m. an hour. All these may be overcome by using the necessary precautions; but the falls encessary at the point where, for about 29 m., the Missouri rushes down a succession of tremendous cataracts and rapids.

Above the falls, the current is frequently interrupted by shoals and rapids; and, as the river issues from the Rocky Mountains, its banks are shut in on both sides for more than 5 m., by rocks rising perspendicularly from the water's edge to the height of nearly place. This forming a subline of rocks was denominated by Lewis and Clarke "the Gates of the Rocky Mountains."

In the lower parts of the river well-wooded valles occur, varying from 4 to 6 m. in breadth, and, as far up as 400 m. from its union with the Mississippi, the country is partially settled; but above the Platte open prairies develope themselves, stretching indefinitely on either side in naked grass plains, forming the home of buffaloes, elks, white bears, antelopes, and mountain the huntsman, and the trapper. (*Platt's Grag. of U. States. i. 30—306.) Darby, p. 320—324.)

The Ohio, though of far less magnitude than the Mississippi, its certainly more beautiful, and, at present at least, more important in a practical sense. It is formed by the junction, at Plitaburg, of the Alleghany and Monongahela (the former rising 12 m. E. of Couderport in Pennsylvania, while the latter has its source about 40 m. S. S. E. of Clarksburg, in Virginia). Its level at this point is stated by Darby to be about 850 ft. above the Allantic, its breadth somewhat exceeds 600 yards; and

is traversed, in all directions, by an immense number of steamers; and, taking all circumstances into account, few rivers can vie with it, either in utility or beauty. (Flies, p. 389.; Dardy, p. 289—308.; Musray's Encyc., American ed., iii, 554.)

The Arkansas, which, in point of magnitude, ranks next to the Missouri, joins the Mississippi, on its W. bank, in lat. 34° N. its length has been estimated at above 2,000 m.; and in summer it pours a broad and deep stream over dry andy plains, which so absorb the water, that, several hundred miles below the mountains, it may be crossed, in summer, without wading as high as the knees. During the floods, however, it is navigated by steamers, far above the limits of the state which has assumed its name. (For further particulars, see Arkansas, I. 184.)

The Red River, and its branch, the Washita, join the Mississippi from the W., in lat. 30° 57' N., 20 m. above Baton-rouge. The most remote sources of the former are in the range of mountains called Sierra del Sagramento, skirting the E. bank of the Rio Bravo del Norte, in New Mexico. It runs E., through a mountain-country, for about 800 m.; and then turns S.S.E., which direction it pursues till its junction with the Mississippi; its total length being 1,500 m. It is navigable by steamers for about 300 m.; but the existence of a low, wampy district, cloged with drift-timber, about 60 m. N. of Nachitoches, is an effectual bar to its further navigation, except for small boats. It is believed, that the Washita rises in the Masserne mountains of Arkansas and pursues a general course S. by E. having a length of about 300 m. Both the Red River and Arkansas heve their spring-30063, and supply an immense volume of maddy water, to swell the vast lagoon which is formed at the

washta rises in the masseries mountains of Arkansas, and pursue a general course S. by E., having a length of about 350 m. Both the Red River and Arkansas have their spring-500ds, and supply an immense volume of muddy water, to swell the vast lagoon which is formed at the mouth of the Mississippi during its inundation. Their waters, owing to saiine impregnations, and the suspension of ochreous earth, are at once brackish and nauseous to the taste; indeed, that of the Red River is so bed at Nachitoches, at to be wholly unit for culinary purposes. The Yasoo and Big Black River are the only E. tributaries of the Mississippi below the Ohio; and are not of sufficient importance to require a separate notice. (Mestragy's Escoyc., Amer. ed., iii. 550.; Fisse, i. 250.; and Derby, p. 3(5.)

Insumdations.— This mighty river, the recipient of all the waters flowing eastward from the Rocky Mountains, and westward from the Alleghanies, is subject to periodical inundations, the effect of which is greatly heightened by the flatness of the country in the lower part of its course. It is intersected, also, in every direction, by numerous natural canals, or begous, which, during the floods, are constantly in motion, and render it impossible to carry on any internal intercourse, except by means of boats. The waters, however, which are thus sent down from the colder regions of the W. and N., and the temperate region of the Ohio valley, are not supplied simultaneously; the southern rivers sending down their floods early in the year, while the northern furnish their supplies as late as Midsummer. Hence, the Mississippi appears to have two annual floods; the first, in ordinary seasons, beginning with the new year. Few rears pass without a swell about this season. This first flood is uniformly succeeded by a depression, previously to the great spring inundation, which begins in April, commencing with the first flood of the Missouri, in March, on the breaking up of the ice; this is followed by that of the Upper Mississippi, and afterward April, commencing with the first flood of the Missouri, in March, on the breaking up of the ice; this is followed by that of the Upper Mississippi, and afterwards by those of the Ohlo, Illinois, and all the other tributaries. The great flood of the Missouri begins in June; about the middle of the same mouth, the Mississippi attains its greatest height at Natchez, about 400 m. from its mouth; and in the first week of July the flood at New Orleans is generally at its height. Considerable variations, however, occur in the periods, as well as extent, of the inundation. In the years 1800 and 1801, the river did, not overflow its ordinary channel.

ordinary channel.

The swell of the Mississippi during the hundations is, near the sea, only 3 ft.; at New Orleans (120 m. from its mouth), 12 ft.; at Baton-rouge, 138 m. higher, 25 ft.; at Fort Adams, and generally thence to the Ohio, 45 ft.; and in the Upper Mississippi, the rise is from 18 to 22 ft.; the diminuition near the mouth being a consequence of the large expanse of the country over which the waters are spread. To secure the land from these inundations, immense embankments, or levee's, as they are sometimes called, have been formed along the Mississippi and the canals, (or levyous, as they are called), through which its waters overflow. The principal of these commences at the head of the island of Orleans, and extends down the river for about 130 m. The water, however, not unfrequently bursts through

Orieans, and extends down the river for about 180 m. The water, however, not unfrequently bursts through this embankment, and submerges the adjoining country. Depth, and Fitness for Navigation.— The Mississippi differs from most of the other great American rivers, in the uniformity of its width and depth for many hundred miles. Indeed, it is navigable, at every period of the year, considerably above the junction of the Mis.

souri, and at least 2,000 m. above its mouth. The width of the main river averages about 900 yards below the Ohio, and its medial depth varies from 90 to 120 ft. (Stauri's America. 11. 247.) The current of the Lower Mississippi, though strong, does not equal that of the Missouri. Its velocity may be ascertained from the progress made by boats in descending the stream. When the water is low a boat will fost from 45 to 50 m. a day; when in a middle state, from 60 to 70 m.; and, during the inundation, from 90 to 100 m. This, however, applies only to that part of the river above the Arkansas; for, below this, a small dilatation occurs, and the swamps also receive a vast body of water, by which means the current becomes less rapid. As soon as the river enters the Delta, its rapidity is farther stackened through the diffusion of its waters into various subordinate channels. From this point to New Orleans no variation is perceived; but, between the Arkansas and the Delta, the velocity of the current is diminished nearly a third; and thence to the sea about a half. Outside the bar the current sets eastward; but there are counter-currents, which, in no small degree, perplex are counter-currents, which, in no small degree, perplex the mariner on entering or leaving the river. The white waters of the Mississippi do not readily mix with the sea, and may be readily distinguished from 9 to 14 m. from Balise.

from Balise.

By far the most dangerous obstruction to the navigation of the Mississippi arises from the multitude of large trees precipitated from its banks into the water. These frequently become firmly fixed in the bed of the river. Some of them are called plankers, because they are immoveable, and constantly expose their pointed shafts above the water. Others are denominated savers, from their alternately rising above and falling below the surface. It is dangerous for boats to run against either of these : and the best way of avoiding them is to keep in the mid-channel, where they seldom make their appearance; and, for farther security, the steamers have now frequently double bows. The number of trees visible to the eye is greater or less, according to the high or low state of the water. But within the last few years steam-boats have been fitted up with machinery for removing these obstructions to navigation; the last few years steam-boats have been fitted up with machinery for removing these obstructions to navigation; and it is believed that, in no very lengthened period, this impediment will no longer exist, at least in any dangerous degree. (Capt. Hall's N. America, iil. 362.; and Wetmore's Gaz. of Missouri, p. 34.)

Navigation and Trade. — The facilities afforded by the Mississippi and its various tributaries for internal naviestics as a wholly unevalled, expert perhaps by the

gation are wholly unequalled, except, perhaps, by the Amazon and its tributaries, in S. America. In so far, indeed, as navigation is concerned, the Mississippi should be regarded, from its great depth and comparative freedom from shoals and cataracts, not so much a river as a vast internal sea, a Mediterranean in fact, extending through all the central and most fertile portion of N. America: and enabling its remotest recesses, though 2,000 or 3,000 m. inland, to maintain a direct communication, by 3,000 m. inland, to maintain a direct communication, by water, with the most distant quarters of the globe. It is but yesterday, as it were, since the valley of the Missispip began to be occupied by civilised man, and reclaimed from the wildernes; and its astonishing increase in population and wealth is principally ascribable to the facility afforded by this noble river for its intercourse with the other parts of America, and of the world. The trade and navigation of the Mississippi is already, indeed, incomparably greater than that of the Ganges, the Danube, the Elbe, or any other river of the ancient continent. And yet civilisation has hitherto done little more than take root in its basin; by far the largest portion of which is at present not merely unoccupied, but, in a great measure, unexplored. Let, then, the reader, who comperes the commerce and importance of the Mississippi at this moment with its state only half a century ago, imagine, the commerce and importance of the Mississippi at this moment with its state only half a century ago, imagine, if he can, what it must be when all the vast country between the Rocky Mountains and the Alleghanies has been fully peopled, when New Orleans has become a second London, and large cities have been built on its most distant affuents. st distant affluents !

Vast as are the natural capacities of the Mississippi vast as are the natural capacities of the Mississippi for navigation, they have been, and, no doubt, will con-tinue to be, greatly extended by canals and artificial means. It is already united with the grand chain of akes and the basin of the St. Lawrence; and goods taken on board at New York may at present be con-veyed.

conversely.

conversely.

Salling-boats are totally unable to stem the current of the Missisppi above Natches, and are obliged to have recourse to oars and long poles; nor is it easy to give any adequate idea of the laborious and tedious operation of propelling them against the stream, from 12 to 16 days being usually consumed in ascending from New Orleans to Natches (320 m.). The navigation, however, has been prodigiously facilitated by the introduction of steamers, which stem the current at a rate varying from 5 to 6 m. an hour: indeed, a family in Pittsburg considers it a light

matter to visit relations on the Red River, at the distance of 2,000 m; nor is it a difficult matter to accept an invitation to breakfast at a distance of 70 m. down the stream. "In fact," says Mr. Stuart, "it is refreshing to see the large and beautiful steam-boats scudding up the eddies, as though on the wing. Where they have run out the eddy and strike the current, it is a still more noble spectacle. The foam bursts in a sheet quite over the deck; the boat quivers for a moment with the concussion; and then, as if she had collected her energies, she resumes her stately march, and mounts against the she resumes her stately march, and mounts against the current five or six miles an hour." (Stuart's America, 11. 256.)

The steamers built for, and employed in, the naviga-tion of the Mississippi are said to have amounted, in 1839, to 378. of the average burden of about 300 tons each. The following is an

Account of the Tonnage of the Principal Ports of the Mississippi Basin in June, 1849.

Ports.	Aggregate Tonnage.
Pittsburg Cincinnati Louisville, on the Ohio Louisville, on the Cumberland Miami New Orleans, on the Mississippi St. Louis	35,771 16,898 13,955 2,911 2,919 240,206 32,255
Total of tonnage	344,925

With the exception of N. Orleans, which has a great of the Union, the West Indies, &c., almost the whole of this tonnage consists of steamers.

The principal drawback on the navigation of the Mississippi consists in the fool-hardiness of the captains of the steamers (nearly all of which are propelled by high-pressure engines), which too often results in explosions and other accidents, that frequently occasion great loss of life and property. But the salutary act of congress, passed 7th July, 1838, has gone a good way to prevent these catastrophes. The passage prices (including board) are, from Pittaburg to Cincinnati, 10 dollars; to the mouth of the Ohio, 20 dollars; and to New Orleans, 35 dollars; but the prices for deck-passengers amount only to 1-4th part of the above fares. The common and only safe rate of these steamers is about 12 m. an hour with the stream, and 6 m. against 1:. The number of flat-bottomed keel-boats worked by manual labour is rapidly decreasing; and the probability is that steam-navigation will very soon supersede every other medium of communication on the Mississippi, whether for passage or commerce. (Darby's View of the United States, pp. 296—325.; Plost's Geog., passin; Amer. dimenzat; Sixsar's Amer., vol. ii.; Murray's Encyc. of Geog., Amer. ed. vol. iii.; Pack's Geog. of Illinois, &c.)

M18SOURI, one of the U. States of N. America, and, in point of extent, the second in the Union, in the W. part of which it is estuated, between lat 36° 30′ and 40° 30′ N., and long. 89° and 99° 30′ N.; having N. lowa, W. unsettled Indian territories, E. the Mississippi river, by which it is separated from Illinois, Kentucky, and Tennessee, and S. Arkansas. Length, N. to S., 290 m.; average breadth, 230 m. Area, estimated at 64,000 and The country in the S.E. is a morass, forming a portion of the great Arkansas awamp; the rest of the surface consists principally of rolling prairies continuous with those of illinois, the Mississippi has a course of 850 m. along its E. boundary; and the Missouri Interne quantities of iron ore and coal exist throughout the Missouri valley; and lead, antimony, sinc, manganese, cobait, arsenic, plumbago, nitre, salt, jasper, and marble, are found elsewhere. The great mineral district of Missouri extends over about \$,000 sq. m. to the S.W. of

St. Louis. This region is principally calebrated for its lead mines. Potosi may be considered its centre; in 1836, upwards of 75 lead mines had been opened within itsm. of that town. The ore is the galena or sulphuret of lead, and is found in detached masses, yielding from 50 to 85 per cent. of metal.

Copper, tin, gold, and silver are met with in some places, but the precious metals are not in sufficient quantities to pay for their working.

The agricultural staples consist of hemp, flax, tobacco, and corn of various kinds. Common and aweet potatoes, turnings. zarden vegetables, and artificial grasses are

The agriculture servine and core of various kinds. Common and sweet possions, surrips, garden vegetables, and artificial grasses are plentiful. Cotton is cultivated in the S., but not to any great extent. Large herds of cattle, horses, and hogs are reared; and beef, pork, tallow, hides, and live stock constitute, together with lead, furs, bufful hides and tongues, lumber, and maise, the principal articles of export. The prairies are excellent natural pastures, "and she husiness of rearing cattle is almost reduced to

tongues, lumber, and mains, the principal articles of export. The prairies are excellent natural pastures, "and the business of rearing cattle is almost reduced to the aimple operation of turning them upon these prairies, and letting them fatten until the owners think proper to claim the tribute of their fleth." Some of the prairies appear peculiarly fitted for sheep walks; but sheep are not yet reared in any great numbers. The principal manufacturing establishments are smelting works, forges, shot factories, &c., in the mining district, and flour and sawing mills on the various rivers. A good deal of shot is annually exported from Herculaneum and other towns. In 1860, Missouri comprised 62 organised counties. St. Louis, on the Mississippi, is the chief commercial town, and was formerly the cap.; but the seat of government has been removed to Jefferson city on the Missouri, nearly in the centre of the state. The legislature consists of a Senate of 18, and a H. of Representatives of 49 mems., both being elected by the white male citisens 21 years of age, who have resided in the state for a year previously to the election; but the electors of representatives must, also, have resided for 3 months in the co. for which they vote. The senators are elected for 4 years, and the representatives for 2: the Geogral Assembly convense every 2 years. The Governor, who has a salary of 2,000 doll a year, and Lieut-gov, are chosen by the people every 4 years, and are not again eligible till after the lapse of a similar period. The state is divided into 4 judicial districts, in a contract of which the surreme court site twices a veer every 2 years. The Governor, who has a many or should. a year, and Lieut-gov. are chosen by the people every 4 years, and are not again eligible till after the lapse of a similar period. The state is divided into 4 judicial districts, in each of which the supreme court sits twice a year. There are 11 circuit courts, with civil and criminal jurisdiction, and a superintending control over the county courts. The judges are nominated by the governor, and confirmed by the senate. They hold office for 8 years; but not beyond 68 years of age. The constitution provides trial by jury for the slaves; and otherwise enforces humanity on the part of their owners. I office the support of primary schools; and the seline frank derived from the sale of salt springs, &c., and other special funds, have been devoted to purposes of public instruction. St. Louis has a Catholic university, which, in 1848, was attended by about 160 students; St. Marr's college, in Perry co., is well attended; there are some other colleges, and flourishing private seminaries in the state; and the Missouri university had, in 1849, 52 students. A railway from Marion to New Paimyra has been commenced, and several others have been projected. Missouri sends 5 representatives to the Congress of the U. States.

At the beginning of the 18th century, a brisk traffic in furs and minerals being maintained between the Europeans and Indians, induced the former to settle in this territory. About the middle of that century, St. Louis, St. Generaleve, and other towns, were founded by the French; but in 1762 the country was given up to Spain. In 1800, it was restored to the French, who coded it to the U. States in 1803. Missouri became a State of the Union in 1821. It sends 2 representatives to Congress.

In 1800, it was restored to the French, who coded it to the U. States in 1803. Missouri became a State of the Uniton in 1821. It sends 2 representatives to Congress. (Missouri Gazetteer for 1836; Darby's View of the U. States; American Aimanacch, 1834—1850.)

Missouri (River). See Mississirri.

MissTRETTA (an. Amastra, or Mysistratum) a town of Sicily, intend. Catania, on a high hill, 5 m. S. W. Carenia. Pop. about 8,000.

MITCHELSTOWN, an inland town of Ireland, prov. Leinster, co. Cork, on an afficient of the Funcheon, 36 m. N.N.E. Cork. Pop., in 1841, 4,181. It consists of a well-built square, and 2 principal streets. It has a parchurch, and Rom. Cath. chapel, both handsome modern structures; a college, which maintains 12 poor Protestant genilemen, and 18 gratiewomen, endowed by the Kingston family: a small barrack, and a market-bouse. A manor court for pleas of the amount of M. is held every third Monday, and petty sessions every Wednesday: fairs on the 10th Jam., 36th March, 23d May, 30th Jaly, 12th Nov., and 2d and 6th Dec. Post-office revenue in 1830, 36td.; in 1836, 3944. Adjoining the town, on the W., is the magnificent seat of the Earl of Kingston, erected in 1923.

MITTAU, a town of European Russis, cap. Cour-

m, erectan in 1920. MITTAU, a town of European Russia, cap. Cour-

land, on the Aa, 35 m. S. W. Riga, lat. 56° 30′ 10″ N., long. 32° 43′ 30″ E. It is said by Schnikzler to have had, in 1830, a pop. of 12.683; which, if we may depend on subsequent statements, had increased, in 1846, to 28,100; but we incline to think that either or both of these statements must be erroneous. It is but indifferently built; the houses being mostly of wood, and the streets, with a few exceptions, unpaved. It has a castle, eracted in 1739, which served in 1736 as an avylum for Louis XVIII. of France, and is now the residence of the governor and the official authorities. It has a gynansium and a good library; a theatre, capable of accummodating 3,000 spectators, an hospital, a literary society, &c. The nobility and gentry of the prov. assemble here at stated times for the despatch of businesse connected with the administration of the prov., and many of them reside in town during the winter, when it becomes unusually gay. Its situation is low, sandy, and exposed to inundation. (Schwinter, Le Russie, &c., p. 583; Granwille's Tracets, i. 370.)

MOBILE, a city and sea-port of the U. States of N. America, State Alabama, cap. co. of its own name, at the meuth of the Mobile river, in Mobile 8ay, 176 m. S. S. W. Tuscaloosa, and 115 m. N. E. by E. New Orleans. Lat. 30° 40° N., long. 88° 21′ W. Pop., in 1840, 12, 672, and now (1850) probably above 18,500. It is situated on dry and elevated ground; but, being surrounded by a low swampy tract, it was formerly very unhealthy. But this has been in part obviated by a system of drainage, and Mobile is now tolerably salubrious. Among the public buildings are the court-house, gaol, and churches for R. Catholics, Episcopalians, Presbyterinos, and Methodists. A Rom. Cath. college was founded in 1830, at Spring Hill, about 6 m. fron town. It is supplied with excellent water, conveyed in pipes a distance of 2 m. Within the last few years Mobile has become one of the principal ports in the Union for the shipping of which above two-louis cowning to the town at ebb tide. In

ALABAMA, in this some, at the Red Sea frequented by Europeans, in that part of Arabia called Yemen, about 40 m. N. from the Strait of Bab-el-mandeb; lat. 189 199 30° N., long. 430° 30° R. Pop. variously estimated; but may, perhaps, amount to from 5,000 to 7,000. It is encircled with walls, and indferently fortified. Its appraisance from the sea is imposing, but internally it is percent with walls, and indeferently fortified. Its ap-pearance from the sea is imposing, but internally it is pearand mass.

may, perhaps, amount to from 5,000 to 7,000. It is encircled with walls, and indifferently fortified. Its appearance from the sea is imposing, but internally it is poor and mean.

Mocha is situated on the margin of a dry sandy plain. It is built close to the shore, between two points of land, which project and form a bay. Vessels drawing from 10 to 12 ft. water may anchor within this hay at about a mile from the town; but large ships anchor without the bay in the roads, in 5 or 7 fathoms water; the grand mosque bearing E. S. E., and the fort to the S. of the town S. by E., distant about 2 m. from the shore. The great article of export from Mocha is coffee, which is universally admitted to be of the finest quality. It is not possible to form any very accurate estimate of the quantity exported; but we believe it may be taken at 10,000 tons, or perhaps more. The greater portion is sent to Djidda and Suez; but there is a pretty large export to Bombay and other parts of india, whence some is sent to Europe: occasionally, however, the exports from Mocha and Hodelda, direct for Europe, are very considerable. Besides coffee, the principal articles of export are, dates, adjoue, or paste made of dates, myrth, rum Arabic, ollbanum, senna (Cassis Scasse), sharks' fins. tragacanth, horns and bides of the rhinoceros, balm of Gliesd, ivory, gold dust, civet, alöes, asgapenum, &c. The principal articles of limport are, rice, piece goods, fron, and hardware, &c. The tvory, gold dust, and civet, mot with at Mocha, are brought sixes, ghee, &c.

MODBURY, an old bor., market-town, and par. of Rogland, hund. Ermington, so. Devon, 9m. S. S.W. Exster, and 161 m. S. S.W. London. Area of par., 15,910 acres. Pop., in 1841, 2,048. The town, which is very irrequiarly laid out, has four principal streets, meeting in a large open market-place. The church is levely irrequiarly laid out, has four principal streets, meeting in a large open market-place. The church is levely irrequiarly and out, has four principal streets, meeting in a large ope

a vicarage, in the gift of Econ college, to which Hen. VI. gave the estates of an alien priory of Benedictines that formerly stood near the church. The Wesleyan-Methodista, Independents, Baptists, and the Society of Friends have their respective places of worship; and there were, in 1835, three Sunday schools, furnishing religious in-attruction to about 300 children. A Lancastrian school is attended by 70 boys; and about 80 children receive instruction in two infant schools.

Modbury had formerly a considerable share in the

struction to about 300 childrem. A Lancastrian school is attended by 70 boys; and about 80 children receive instruction in two infant schools.

Modbury had formerly a considerable share in the manufacture of serge, plush, and felt hats; but these branches of industry have long decayed, and the present inhab, are mostly engaged in agriculture and retail trade. The town, which is a bor, though without an act of incorporation, is governed by a portreeve and other officers; and in the reign of Edward I. It sent 2 mems. to the H. of C.; but it afterwards was divested of this privilege, because of its inability to bear the expense! Markets, for corn and other provisions, on Thursday; large cattle fairs, the second Tuesday in each mouth, and an annual fair, May 14.

MODENA (DUCHY OF), called by the Italians State Extense, a state of N. Italy, consisting of the united duchles of Modena and Massa Carrara, principally included between the 10th and 11th dega. of N. Ist. and the 44th and 45th of E. long.; having N. Austrian litaly; E. the N. delegs, of the Papal States; W. Parma, and a portion of the Sardinian dom.; and S. Tuscany and the Mediterranean. Area estimated at 2,317 aq. m., and the pop. at 562,678. The N. part of this duchy consists of a portion of the great plain of Lombardy; the S. is traversed from W. to E. by the Apennines, one of the summits of which in this duchy, M. Cimone, rises to upwards of 6,500 ft. above the sea. The Po constitutes a small portion only of the N. boundary; next to it the principal rivers are its affluents, the Panaro, Secchia, Crostolo, Ensa, &c.; which have their sources on the M. slope of the Appennines, and fall into the Mediterranean. The climate different to that of Parma and the Lombardo Venetian kingdom; snow falls and cold weather lasts or several weeks in the winter; while to the S. of the mountains the climate is like that of Genoa, and the holive and orange flourish in the open air. The plain country is very fertile, and abundantly watered by rivulets and chands. In the mou

proprietors, but not in the plains. A great evil here, as in other parts of Lombardy, is the practice of the lords and the possessors of lands in mortuani setting to middlemen, who relet to metayers; under which tenure are all the lands of the duchy. The tenant furnishes half the cattle, and the landiord the other half. Apparently there is not a labourer's house in the country, all being metaying farmers. (Arthur Young's Trav. ii. 187.)

The distribution of the land is much the same as in the rest of the plain of Lombardy, where, according to Chacaurieux, very few farms exceed 60 acres. The metayers should receive half the produce for their labour and attention, but the actual quantity falling to their share varies considerably according to circumstances, and in many cases is not more than 1.2d part of the crops produced. The custom of sharing the produce is, however, almost universal; and a lease at a fixed rent being extremely rare, we need not wonder at the low state of industry. (Chatecavieux, Italy and its Agric.) 17., &c.) Rice, wheat, maise, fruits, wine, oil, and hemp are the principal articles of culture; but the supply of corn is notwithstanding inadequate for the consumption. The wine of the duchy is strong, but not of superior quality: the oil S. of the mountains is equal to that of Genoa, but that produced in the N. plains is very inferior. Bees, poultry, and hogs are numerous. Cattle breeding is not very extensively pursued, except in the valley of Garfagnana, where it is almost the sole occupation of the inhabs. The pasturages on the mountains are excellent; but only the duke and a few of the larger proprietors possess any considerable flocks of sheep, Horses few; oxen of the Lombard and Swiss breeds, and asses, supplying their place for draught, &c., on almost every farm. The declivities of the Appennines are clothed with fine woods of oak, beech, pine, and chestnut; indeed, chestnut flour forms the principal food of the pasantry in the upland region for a considerable portion of the year. The i

The finest statuary marble is found in inexforged.

forged. The finest statuary marble is found in inexhaustible quantities at Carrara; and amber, petroleum, sulphur, &c are met with elsewhere.

This duchy is divided into 6 districts, Modena, Reggio, Guastallo, Frignano, Garfagnana, and Massa-Carrara. Exc. Modena, the cap., the other principal towns are Reggio, Carrara, Massa, and Finale. The government is an absolute monarchy, and perhaps the most despotical in its form of any in Europe. The duke monopolies both the legislative and executive power; but he avails himself of the services of a prime minister, 2 secretaries of state, and a privy council. The Austrian civil code of laws have been adopted since 1815. There are tribunals of primary jurisdiction in wodena, Reggio, and Massa, and a high court of appeal in Modena. A college is established in each of the principal towns, and the capital has a university and some superior schools; but is established in each of the principal towns, and the capital has a university and some superior schools; but owing to the jealousy of the government and the restraints laid on the press, public instruction is in a very backward state. The military force consists of \$500 men. It is recruited by volunteers; the recruit receives a premium, and the family of which he is a member is exempted from all personal taxes. The public revenue is estimated at about 1,700,000 florins a year.

The greater part of this territory was erected in 1492 into a duchy, under Borso D'Este, son of Pope Nicholas III. It was taken by the French in 1797, and subdivided into the deps. of Panaro and Crostolo. In 1814 it was given to the present ducal family, a collateral branch of the House of Austria.

Modern (an. Mutina), a city of N. Italy, cap. of the

Mobban (an. Musica), a city of N. Italy, cap. of the above du.hy, in a fine plain between the Panaro and the Secchia, 24 m. W.N. W. Bologna: lat. 44° 38′ 39′ N., long. 10° 38′ 13″ E. Pop., about 37,500. Modena has a citadel, and is surrounded with ramparts, which, howcitadel, and is surrounded with ramparts, which how-ever, conduce less to its strength than to its beauty. It is regularly laid out, well built, and clean. It has been much improved and embellished within the last fifty or sixty years, and is divided into the new and the old city by the Strade Maestra, a part of the Emilian way, which intersects it from end to end. The general architecture of Modena is striking and agreeable; almost all its streets are bordered with arcades over their footways. The dulm streets are intersects it from end to end. The general architecture of Modena is striking and agreeable; almost all its streets are bordered with arcades over their footways. The ducal palace is the finest public building; it stands isolated in the great square, and, unlike the palace of Parma, it has been completed, and is superbly furnished, and kept up in suitable style. It had formerly a noble collection of paintings; but some of its chefs deserve were purchased by the elector of Saxony, and conveyed to Dresden in 1746, and others were taken away by the French: atill, however, it is one of the best collections in Italy; it includes works by Raphael, Carlo Dolci, Andrea del Barto, Guido, Guercino, the Caracci, and Procaccino, the Crucifixion by Pomarancio, a copy of the famous Notte by Correggio, &c. The ceiling of the gallery is painted in fresco by Francesconi; and in one of the rooms is a recumbent Cleopatra by Canova. The ducal library, known as the Bibliotea Estrase, is a valuable collection of 60,000 vols. Two of the best scholars, and most laborious, diligent, and able writers of whom Italy has to boast, Muratori and Tiraboachi, were successively librarians during the last century. In the square before the palace is a fine statue of Duke Francis III., the founder of the university. The cathedral is a Gothic edifice of considerable antiquity and imposing appearance, but not in a pure style. It is principally remarkable for a square marble tower, one of the loftiest in Italy, in which is kept the famous bucket, once the cause of a serious feud between Modena and Bologna, and which has been immortalized by Tassoni in the Scochia rapita. One of the most celebrated works of Guido, the Presentation in the Temple, formerly adorned the cathedral, but it was carried off by the French, and has not been restored. (Conder's Italy, ii. 45.) The churches are numerous; but few deserve notice, except those of St. Vicenzo, St. Agostino, and the Dominican church, with some colosals statues. The bity has several hospitals and asylu

Rc. Mutina is supposed to have been founded by the Etruscans. It is said, by Livy, to have been colonised by the Romans, a. v. c. 569, (xxix, 56.); and it is styled by Clero, "firmistimam et pelendidistrimam popul Roman colonism." (Phil. v. 9.) A few Roman anti-

quities, mostly tombs, still exist at Modena. It suffered many disasters in the times of Attila, Odoseer, and the Lombard hings; and was afterwards governed successively by its bishop and magistrates, and belonged to the Popes, Venetians, and the dukes of Milan, Martua, and Ferrara, before it became the property of the house of Este. Under the French it was the cap. of the dep. Panaro. The learned antiquary Sigonius, the poets Molas and Tassoni, and the celebrated anatomis: Fallopius, were natives of Modena. (Conder's Lindy, il. 42.—46.; Cramer's Anc. Italy, il. 84.—46.; Spanian, il. 183, incl. cant., 25,839. It is situated among craggy rocks, and generally ill built. According to Smyth, it has some fine edifices; but it appears to possess few conveniences, for a recent English traveller could find only one inn in the town, which was wretched and dirty in the extreme. Among the public buildings are a castle, numerous churches and convents, a ducal residence, a town-hall, 2 hospitals, several public schools, and a government loan-bank. The Franciscan convent is said to possess some fine mossics. In the adjacent valley of Ipsica are numerous troglodytic caves, fully described by Smyth (Sicily, p. 190). and Russell (Toser is Sicily, pp. 144—137.) In 1833, a good many houses and upwards of 100 persons were burled by the fail of a mountain near Modica.

The district of which this town is the cap., has an area of nearly 180,000 acres, with several towns, and a pop. of about 80,000. It was endowed with psecular privileges by Roger, king of Sicily, the principal being flat its courts of justice should be independent of those of Sicily. These privileges would appear to have been productive of a good effect. "There is a very superior spirit of activity and industry among the natives, attended by greater affluence and confort than any other agricultural part of Sicily displays, though it

1749.
MOGADORE, or MOGODOR, called by the Moore MOGADORE, or MOGODOR, called by the Moors Shapera, a sea-port town, and the principal emporium of Morocco, on the Atlantic, about 105 m. W. Morocco; let. 31° 50′ N., long. 9° 20′ W. Pop. estimated at 10,000. It stands on a patch of granular sandstone rock, which, at high water, is nearly insulated by the sea. The country around is low, flat, and unproductive; so that vegetables have to be brought from gardens from 4 m. to 12 m. inland, and cattle and poultry from a still greater distance. Water is also scarce, and rather dear; being either rain water collected and preserved in cisterns, or brought from a river about 2 m. distant. The white stone buildings give the town an imposing appearance from the sea. It is divided into 2 contiguous portions, both surrounded by walls: that called the citadel, comprises nearly half the entire town, with the royal palace, the bouses of most of the governors and chief officers, the custom-bouse, the foreign consulates, and a street of well-built shops of red sandstone, formerly occupied by European traders. Beaucierk says, that the houses in this part are well-built and lofty, that the streets are swept, and that it was cleaner than any other town he had seen in the Moorish dominions. It is shut off

from the rest of the town by a high wall, with a strong gate, which is closed at 9 o'clock every night. The other portion of Mogadore is not so well laid out, nor so clean, the Jews' quarter, in particular, being excessively filthy: it has, however, a very extensive moeque, with a high square tower, and other public buildings. It is entered by 3 principal gates: which, with many in the interior, are closed at sunset. To the S. of the citadel is what is called the port, being an inner roadstead, protected by a rocky island, about 1½ m. in length, 3 m. from the shore. It has not more than 10 ft. or 12 ft. water at ebb tide, and 23 ft. when deepest; it is therefore fit only for small vessels, large ships anchoring outside the harbour, the long battery bearing E., distant 1½ m. The island bounding the harbour is appropriated exclusively to a state prison; and is supposed to be defended by a few crasy pieces of ordnance, ensconced behind mudwill embrasures. The landing-place is a long stone slip, near the arsenal, protected on the W. by a long battery, mounting several brass cannon, and containing a large tank, and a number of prison cells. The arsenal, with which this battery communicates, is a really handsome structure, consisting of a large range of bomb-proof casemates, flanked at either end by an elegant square tower, with turrets at their angles, connected by a battery of 2 tiers, having in its centre a lofty arched gateway. The long battery defending the whole town on the W., is an extensive line-wall along the shore, crowned with brass cannon. All the fortifications were erected under the superintendence of a European engineer in the last century, and, to an unkil ied eye, they appear strong, and well executed; but Beauclerk says they are too limy to bear 0 minutes' breaching. The long battery offers, however, a fine promeased for enjoying the fresh is of the occasion. The knowledge of the country is sold dust, olive oil, dates, &c. Accounts are part of which and the procession of the country is sold dust ol

August, 1926, the Turks, under Solyman the Magnificent, obtained a great victory over the Hungarians. Louis, king of Hungary, 2 archbishops and 6 bishops, many nobles, and about 22,000 private soldiers, are said to have been killed in the battle and the pursuit. In 1687, the Turks were themselves defeated in the vicinity of this village by the Imperialists, under the Duke of Lorraine. MOHILEF, or MOGHILEV (Pol. Mokilow), a gov. of European Russia, formerly included in the gov. of Vitepsk, between the 52d and 55th degs. of N. lat., and the 29th and 33d of E. long.; having N. Vitepsk, E. Smolensk, S. Tchernigov, and W. Minsk. Length, N. to S., 210 m.; average breadth nearly 85 m. Area about 17,470 sq. m.

Pop., in 1848, 931,800. The only physical difference be-tween it and the gov. Vitepak is, that it belongs to the ba-sin of the Dulepr, while the latter gov. belongs to that of the Dwina. In the N. of the government is a low chain of the Dwina. In the N. of the government is a low chain of hills, separating the two river basins; but the rest of the surface is an extended plain, partly covered with forests, and in many parts marshy. The course of the rivers is mostly S.; the principal, next to the Dniepr, are its tributaries, the Soja and Drouetz. Small lakes are numerous. The climate is milder and drier than that of Vitepsk. The soil is generally fertile; and though agriculture he extremels. Vitepsk. The soil is generally fertile; and though agriculture be extremely backward, nearly four million chetmerts of corn are annually grown, a quantity considerably exceeding the home demand. Rye, barley, oats, hemp, and flax are the principal products; and in the gardens, hops, pulse, &c. The breeds of cattle and horses are very inferior; but latterly the sheep have been improved, by crossing with the breed of Saxony. Goats and hogs are numerous. This is one of the most richly wooded of the Russian governments; and its forests, the produce of which are floated down the rivers to the Black Sea, furnish the building-yards of Nicolaeff, Odessa, Sevastonol. &c. with timbers and masts for the largest Sevastopol, &c., with timbers and masts for the largest ships. Only a small proportion of the forest land belongs ships. Only a small proportion of the forest land belongs to the crown. Bog fron is plentiful, but it is dug only by the poorest classes. In respect of manufactures, Mobilef is behind almost all the other governments of the empire. There is no capital, and the inhab. are without enterprise. The condition of the mass of the pop. appears to be most wretched. According to Schnitzler, le régime Polonais et l'établissement des Juifs, qui ne sont pus admis à hobiler l'intérieur de l'empire Russe, out produit éci de tristes fruits. Except a few tanneries, all the manufactures are in the hands of the Jews; but, with the excention of some distilleries, and soan and notash works. nufactures are in the hands of the sews; but, was be-exception of some distilleries, and soap and potash works, they are quite unimportant, and did not, in 1830, employ 1,000 hands! It is divided into 12 districts; Mohiler, the cap, and Mstislavl are the principal towns. The inhabs, are mostly Russians and Jews, with some Poles, Lithuanians, Moldavians, and Wallacks: their religion is partly that of the Greek and partly of the Roman church, each of which has an archbishop in the gov.

church, each of which has an archhishop in the gov.

Monter, a town of European Russia, cap. of the
above gov., on the Dniepr, 85 m. S.W. Smolensk, and
110 m. E. by S. Minsk; lat. 53° 53′ 40′ N., long. 30° 24′
45′ E. Pop, estimated, in 1846, at 24,100, of whom about
3,000 were Jews. It has a better appearance than most
Russian towns, many of its houses being of stone or other
solid material. It is divided into four quarters, one of
which consists of the kremi or castle, built on an eminence, and two of the other quarters are surrounded by which consists of the kreml or castle, built on an emi-nence, and two of the other quarters are surrounded by ramparts. In the centre of the town is a large octagonal area, with neat stone buildings, including the residence of the Greek archbishop. If has at least 20 churches, three fourths of which are Greek; there are also several convents, a Lutheran church, and two synagogues. The government offices and magazines are handsome edifices. Mobilef is the head quarters of the Russian "army of the west," and the seat of Greek and R. Catholic archbishops, the latter having authority over all the R. Catholics government offices and magazines are handsome edifices. Mobile is the head quarters of the Russian "army of the west," and the seat of Greek and R. Catholic af rebishops, the latter having authority over all the R. Catholics of Poland and Russia: it has two episcopal seminaries, a gymnasium, a town-school, and various charitable institutions. The business of tanning is extensively carried on; it has an extensive trade with Riga, Konigsberg, Dantzic, and Odessa, to which it sends leather, hides, lard, wax, honey, especially the latter, potash, hemp, flax, oil, corn, and other raw products; receiving, in return, among other foreign goods, a good deal of thrown silk. The fairs of Mobiled are well frequented. The epoch of its foundation is unknown. After several times changing masters, it was finally annexed to Russia in 1772. (Schnitzler, la Russic, pp. 395—490.)

MOISSAC, a town of France, dép. Tarn et Garonne, cap. arrond., on the navigable river Tarn, crossed here by a handsome stone bridge, 14 m. W.N.W. Montauban, and 97 m. S.B. Bordeaux. Pop., in 1846 (ex. com.), 6,163. It is tolerably well built, and has an elegant fountain in a principal square. The most remarkable feature of the place, however, is a ruined abbey founded in the 11th century, formerly possessing great wealth and importance; the buildings are of great extent, but are for hem set part either in ruins, or converted into private dwelliogs. The church-porch is of high antiquity, and has some curious sculptures; the cloisters also are highly interesting; but the church itself is more modern, and of a heavy style. A good deal of corn is ground here for the use of the colonies; and the town has a considerable trade in wheat, oil, saffron, wine, &c.

Molssac, founded in the 5th century, appears from its suffered severely from the religious wars. (Hugo, art. Tarn et Garonne, &c.)

Tarn et Garonne, &c.)

MOLA DI BARI, a sea-port town of the Neapolitan dom., prov. Bari, on the Adriatic, 13 m. S.W. Bari. The pop., which at the beginning of last century amounted to 13,000, is now reduced to about 6,000. It consists of an old and a new division; the former, which has a

castle and is surrounded by a wall and ditch, has narrow, crooked, and gloomy streets, and poor houses. The other, or more modern division, is, on the contrary, comparatively well built along the sea-side, and has 3 creeks, where the small vessels which frequent the port load oil, cotton, and carobs. The traces of an uninished mole show that this was formerly a place of some commercial importance. The port, between this mole and a rocky reef to the N., is insecure; but there is an open roadstead on either side the town, where vessels may anchor in 10 fathoms water with a sandy bottom. (Crawer's Tour, \$c., pp. 154, 155.; Purdy's Sailing Directions.)

MOLD, a market-town, par. and parl. bor., acourth, to Flint, hund. of its own name, co. Flint, 10 m. W. by S. Chester, and 171 N.W. London. Pop. of par., in 1841, 10,653, ditto of township and parl. bor., 3,557. The town, situated in a valley, close to the Alyn, and surrounded by lofty hills, is small and irregularly built; but there is a very handsome town-hall, and, in the environs, are numerous handsome seats and elegant manions. The church, a large structure of the 16th century, has a highly ornamented embattled tower, and contains some curious monuments. The Weslevan

but there is a very handsome town-nail, and, in the warvirons, are numerous handsome seats and elegant mansions. The church, a large structure of the 16th century, has a highly ornamented embattled tower, and
contains some curious monuments. The Weeleyam
Methodists, Calvinists, and Baptiats, have, likewise,
their respective places of worship, with attached Sunday
schools. A cotton-mill, in the town, gave employment,
in 1839, to 296 hands; but "there is no other particular
branch of trade carried on here, nor is it likely, judging
from its present appearance, that it will increase either
in size or importance; within the par, howere, there
are extensive coal-pits, lead and iron mines, which, in
1831, employed 629 labourers." (Bossed. Rep. and Parl.
Census.) Mold was constituted, by the Reform Act,
a parl. bor. contrib. (with six others) to Flint. Registered
electors in district, in 1849-50, 765. The co. assizes are
held here. Markets on Wednesday and Saturday. Fairs,
Feb. 13. March 21., May 12., Aug. 2., and Nov. 22.
About 1 m. W. from the town is a noted spot called
Maes-Garmon, the scene of a victory gained in the 5th
century, by the Welsh over the Picts and Saxons: a
pillar, with an inscription, commemorates the event.
About 1 m., also, on the Chester road, are some remains
of Offa's Dike, the ancient boundary between Wales and
England. (Hemingouy's Pas. of N. Weles; Parl. Papers, &c.)
MOLDAVIA. See Wallacella and Moldavia.

pers, \$c.)
MOLDAVIA. See WALLACHIA and MOLDAVIA

England. (Hemingway's Pass. of N. Wales; Parl. Papers, &c.)

MOLDAVIA. See Wallachia and Moldavia.

MOLDAVIA. see Wallachia, and, next to the Elbe, the principal in that kingdom, through the 8. and central parts of which it flows. It rises in the Bohemian Forest, about lat. 49° N. and long. 13° 35° E.; runs at first S.E. to Rosenberg, and thence generally. N. to its junction with the Elbe at Melnik, in about lat. 50° 20°, long. 14° 30°, after a course estimated at somewhat more than 200 m. It is properly the head stream of the Elbe, being continuous with the latter in a direct line, and carrying more water to it than the river called the Upper Elbe. It receives the Woltawa, Luschnitz, Sazawa, and Beraun: Rosenberg, Budweis, and Frague are on its banks. The Danube and Elbe have been united by a railway 75 m. in length, completed in 1829, from Lius, in Upper Austria, to Budweis, where the Moldau becomes navigable for boats of from 10 to 15 tons. This railway consists of one line only, and the carriages on it are drawn by horses. The line was rendered unnecessarily expensive through an ill-Judged economy, inasmuch as it became necessary to take up the original wooden rails, which were covered with metal plates, and substitute others of cast iron in their stead. The traffic on this road has hitherto chiefly consisted in salt sent from Upper Austria into Bohemia. The nett revenue derived from it amounted, in 1837, to 8,130′. It belongs to about 13,000 shareholders, at 50 ft. s. share; hitherto, however, they have derived no profit from the undertaking. (Oceter. Nat. Esce., &c.)

MOLFETTA (an. Respo.) a sea-port town of the Neapolitan dom., prov. Bari, cap. canton, on the Adriatic, 16 m. W.N.W. Bari. Lat. 41° 13′ 32′ N., long. 16° 36′ 36″ E. Fop. about 12,000. Its appearance from the sea is imposing; and though its streets be narrow and dirty, it has many good houses, among which Mr. Burgess remarked some elevations in a chaste style farchitecture, and of a stone almost equal in beauty to white marble. (Greece, &c.,

The town, occupying an eminence W. of the river, at the union of several high roads, comprises a large market-place, and several well paved and lighted streets, the whole having a peculiarly clean and neat appearance. The guildhall is a handsome and commodous building, near which is a small gaol. The church, adjacent to the market-place, is built in the perpendicular style: the living is a perpetual curacy in the gift of the dean and canons of Windsor. The independents and Westeyans have also their respective places of worship, and there are 3 Sunday-schools, attended by about 600 children of both sexes. A grammar-school, founded in 1614, is respectably conducted, and there are 2 other schools supported by endowments and subscriptions. S. Molton has a manufacture of serges, shalloons, and felts, employing about 70 families, bestdes which there is a woollen mill, which, in 1839, employed 79 hands. The lace manufacture has lately been introduced, but with no great success. The bor. is governed (according to the Mun. Reform Act) by a mayor, 3 other aldermen, and 12 counciliors. It is one of the polling places at elections for the N. division of the co. Quarterly and petty sessions are held here, and a court of record sits once in three weeks. Markets on Tuesday, Thursday, and Saturday; that on Saturday being one of the largest in N. Devon. Great markets (not chartered as fairs). Saturday after Feb. 18. and April 27, Wednesday before June 22, and after Aug. 26. Saturday selects Ct. 10. and Doc. 12., chiefly for cattle. (Part. Papers. &c.)

tered as fairs). Saturday after Feb. 18. and April 27., Wednesday before June 22., and after Aug. 26. Saturday before Oct. 10. and Dec. 12., chiefly for cattle. (Parl. Payerz, 4c.)

**ROLUCCAS, or SPICE ISLANDS. See Ambovna. MOMPOX, or MONPOX, acity of 8. America, repub. New Granada, and, next to its cap., the most important in the prov. Cartagens; on the Magdalena, about 25 m. above the confluence of the Cauca; lat. 9º 14'30' N., long. 74°27' 30' W. Pop. estimated at 10,000, or, with the neighbouring villages, 15,000. "At a distance, on ascending the river, the white houses, with their red roofs, have a next and clean appearance; but, on a nearer approach, this is exchanged for the general distressed look of Spanish citles. The town is above a mile in length; the streets are of a good breadth, crossing each other at right angles, and some are even furnished with footways. The only decent-looking houses, however, are in the centre of the place, the rest being mere sheds." (Mod. Mrs.) It has a custom-house and a fine quay, built very high, on account of the Soods which take place in Dec. Several gun-boats are stationed here, for the protection of the navigation. Mompox is a place of some commerce. The chief exports are corn, hides, and Brazil wood. Pampiona and Cuença transmit some to-bacco, sugar, and chocolate to this entrepts; Antioquia sends gold, and Bogota the produce of the Upper Magdalena. Mompox is surrounded by awamps, and liabe to inundations; and alligators come up to the very banks of the river to feed on the offal thrown from the city. "The climate, in the daytime, is burning, the thermometer ranging from 20' to 30' Reammur; the hundred of the river to feed on the offal thrown from the city. "The climate, in the daytime, is burning, the thermometer ranging from 20' to 30' Reammur; the streets, to breathe the fresh air, and to escape the stings of the mosquitoes. The sky is constantly cloudy, and scarcely a day passes without showers. The alghts, on the contrary, are beautifully clear, and truly del of the other hot countries in S. America have adopted.
All classes in Mompox are said to be much addicted to

of the other hot countries in S. America have adopted. All classes in Mompox are said to be much addicted to ardent spirits. The surrounding country is wholly in a state of nature. (Mollien, Sec., in Mod. Trav. xrii. 301-3. Geog. Account of Colombia.)

MONACO, a town and small principality of N. Italy. The principality, which is under the protection of the king of Sardinia, is about 8 m. in length by 63 in breadth, having W. the div. of Nice, E. that of George, and S. the Mediterramean. Area, 53 sq. m. Pop. about 7,000. Being sheltered on the N. by lofty mountains, its climate is very mild, and it produces large quantities of oranges, lemons, and other fruits, from which the revenue of the prince, amounting to about 3,000% a year, is mostly derived. The pastures are tolerably good, and cattle numerous. Its inhab, are occupied almost wholly with agriculture, fashing, and petty coasting trade.

Monaco, the cap. (sm. Portus or Ars Herculis Monaco, the cap. (sm. Portus or Ars Herculis Monaco, the cap. (sm. Portus or Ars Herculis Mosaco), is built on an elevated promontory stretching into the sea, about 9 m. E.N.S. Nice. Pop. 1,300. It is walled and defended by a fort; and has an appearance of strength, but is entirely commanded by an adjacent hill. The largest town in the princip. is Mentone, about 6 m. E.N.E. Monaco, with a tolerable port and 3,000 inhab.

This principality was founded in the 10th century, and has remained ever since in the Grimaldi family. The reigning prince is a peer of France, with the title of Due de Valentimots, and assally resides in Paris. (Almo-

has remained ever stace in the urraneau music, reigning prince is a peer of France, with the title of Due de Valentinois, and asually resides in Paris. (Amessace de Getha, &c.)

MONAGHAN, an inland co. of Ireland, prov. Ulstev, having N. Tyrone, E. Armagh, S. Louth and Meath, and W. Cavan and Fermanagh; area, 377,048 acres, of which 9,256 are unimproved mountain and bog, and 7,844 water. Surface hilly, but the hills are mostly arable; soil moderately fertile. There are some large, and a great many small, estates. The land is very much subdivided; so much so, that it is said by Mr. Wakefield that the larger class of farms do not average 26, nor the smallest 6 acres ! (1.270.); and but little change has taken place, in this respect, in the interval. Conserve is very general here, and agriculture is in the most depressed state. Principal crops, oats, potatoes, and flax, the latter being very extensively cultivated; but a good deal of wheat is now grown, and its culture is extending. Considerable improvements have latterly been effected in the breed of cattle; and a good deal of butter is made, though there are no large dairies. Goats are very generally kept by the cottlers for the sake of their milk. A great deal of work is done by the spade. Average rent of land, 12s. 34s. an acre. The linen manufacture was at one time very widely diffused over the co., most of the small farmers having looms; but this combination of employments, which has been injurious alike to agriculture and manufactures, is now, owing to the greater cheapness of machine-made yarn and fabrics, greatly diminished. The value of the unbleached linen sold in the co. in 1834, was estimated at about 126,000t. (Raifney Report, Append. B., p. 31.) The co. has vast beds of limestone; and lead ore, and indications of coal have been discovered. There are no rivers of any importance. Monaghan has 5 baronies, and 19 parishes; and sende 2 mems. to the H. of C., both for the co. Registered electors, in 1849 the 1841 the co. bad 35,078 inhab, houses, 26,234 f for the co. Registered electors, in 1849-30, 1,213. Principal towns, Bionaghan, Clones, Carrickmarrous, & in 1841 the co. had \$5.078 inhab. houses, \$5.934 families and \$30,443 persons; of whom \$6,071 were males, an 192,371 females.

in 1941 th's co. had 20,078 inhab, houses, 26,334 families, and 200,429 persons; of whom 96,071 were males, and 102.371 females.

Monaghan, an inland town of Ireland, prov. Ulster, co. Monaghan, of which it is the cap. on the main road from Dublin to Londouderry, nearly half way between them. Pop., in 1841, 4.130. The towa, consists of a central square, called the Diamond, with several diverging streets. Its public buildings are the par. church, Rom. Catholic chapel, three Presbyterian, and two Methodist meeting-houses; the co. gaed on the radiating plan, court-house, diocesan school for the sees of Raphoe, Kilmore, and Clogher, a national school, a cavalry barrack, a market-house, and the co. infirmary. "It does not appear to possess any important advantages or consequence, except as a market-town, thirty for the sale of agricultural produce, linen, &c." (Muss. Bessed. Report.) The corporation, consisting of a provost, 12 burgesses, and commonalty, sent 2 mems. to the Irish H. of C. down to the Union, when it was distrachised. The assises for the co. are held here, with general sessions 4 times a year, and petty sessions on Thursdays. It is a constabulary station. It has a considerable linen trade, a large brewery, and is a great mart for agricultural produce. Markets on Mondays, Tuesdays, Wednesdays, and Saturdays; fairs on the 1st Hown. Post-office revenue in 1890, 7984.; in 1886, 1984. Branches of the provincial and Belfast banks were opened in 1831 and 1835.

MONASTIR, or BITOLIA, a town of European Turkey, prov. Macedonia, cap. sanjak of same name, on the Vestrissa, 52 m. N.N.B. Yanina, and 90 m. W.N. W. Salonika. The pop. has been estimated at 18,000, but we incline to think that this is much beyond the mark; it is the principal entrepts for merchandles passing from Albania into Roumella. It suffered great lajury from feet. MONDONEDO (an. Britonde), a city of Spain, in 1806 (Sakie, serves anexes serves and Non M.N. W. V. Lucen.

fire in 1806; and was plundered by All Pasha. (Diec. Georg. &c.)

MONDONEDO (an. Britonie), a city of Spain, in Galicia, cap. prov. same name, 30 m. N.N.E. Lugo, and 76 m. W. Ovfedo. Pop., according to Miffano, 6,074. It is situated on the N. side of the Asturian chain, and is old and irregularly built: its principal public buildings are a cathedral, with 11 dignitaries and 24 canona, a par. church, 2 convents, now converted into hospitals, and a royal seminary and college. Linen-waving, tanning, and brick-making are the only branches of manufacturing industry in the town; two large fairs are held in May and Oct., and the oak-timber of the neighbourhood is better adapted for building than any other in Spain. (Mitseo.)

MONDOVI, a town of the Sandinian date.

(Millemo.)
MONDOVI, a town of the Sardinian dom., div. Comi, cap. prov. Mondovi, on and round a hill near the Ellero, 12 m. E. by S. Comi. Pop., in 1838, inc. com., 18,921. It is divided into four parts; the town proper, called the Plassa, on the hill, at an elevation of 1,700 ft. above the

level of the sea; and the three suburbs of Carassone, Bred, and Plano della Valle, built at its foot. The distance between the upper and lower part of the town is considerable; and the road by which they are connected is inconveniently steep. The town proper has a small citadel, and is surrounded with walls, of no great strength, instead of ramparts. It has a great number of religious houses and churches; the latter including a cathedral, with a handsome altar and sacristy. Its inhab, are chiefly clergy and country gentry, and it has very little commerce or wealth. The suburbs, on the contrary, are entirely devoted to trade, and have manufactures of woollens and cottons, with tannerles and iron forges; but the chief branch of industry is the spinning of silk. Mondovi is the see of a bishop, and has several seminaries of education. It is comparatively modern, having been founded, according to an inscription on one of the chapels in the cathedral, in the year 1223. It was taken and sacked by the French, under Marshal Soult, in 1799. Beccaria, the natural philosopher, was a native of Mondovi; but he must not be confounded with the Marquis Beccarla, author of the famous treatise on Crimes and Punishments, who was a native of Milan.

MONG HIR, or MUNGGER, a town of British India, prov. Bahar, distr. Bhaugulpore, 30 m. E. Patna; lat. 250 237 N., long. 85° 26° E. Pop. estimated at 30,000. It is finely situated on a bend of the Ganges, and is of great extent, its ramparts being about 1½ m. in length by I m. in width. The houses, however, are much scatered, and in one quarter only are so close as to resemble a town. Monghir, while a British frontier town, was a station of considerable importance: and when Heber visited it, was in a better condition than most native own. Though the houses are generally small, there are many with an upper story; and the roofs, instead of the flat terrace or thatch, as in Bengal, are generally sloping and covered with red tiles. The principal edifices are an old Hindoo temple, now occupied

atation of the Baptist Missionary Society. **Hamilton's B. I. Gas. ; Heber's and Valentis's Tvas.; **Mod. Tvas. ix.)**

MONGOLIA, an extensive tract of country in the N. B. part of Asia, and one of the colonial possessions of China, between the 35th and 53d degs. of N. lat., and the 53d and 132d of E. long.; being bounded N. by the gov. of Irkutak, N.B. and B. by Manchooria, S. by China, and W. by Chinese Tartary. Length, from E. to W., about 1.700 m.; greatest breadth, 1.000 m.; area, about 1.400,000 sq. m. The limits, however, are subject, in consequence of wars among the tribes, to constant and great variation. Pop. conjectured by Timkowsky to be about 2,000,000. Mongolia may be generally described as an elevated plain, almost destitute either of wood or water, enclosed southward by the mountains of Thibet, and northward by various offsets belonging to the great Altaic Range. The central part of Mongolia is occupied by the great sandy desert, or Ta-Gobl, which stretches from S. W. to N.E. about 1.200 m., with a breadth, in some parts, of from 500 to 700 m. (See Asia, I. 169.)

The most desolate part of the Gobl is called, by the Chinese, the Shamo, or sand sea, from its surface consisting of moveable sand. The Gost is called, by the Chinese, the Shamo, or sand sea, from its surface consisting of moveable sand. The desert is, however, intersected by some comparatively fertile tracts, and in other parts a few stunted trees are met with. The chief mountains of this region are, 1. the Altai and its various subordinate chains, extending eastward, under the names of Tangon, Khangal, and Kente, as far as the banks of the Amour, by which the range is defected northward and joins the Yahlonol-khrebet; 2. the Tchastaloola and Inchan ranges, which commence in lat. 42° N., long. 107° E., and curve N.N.E. and north-

MONGOLIA.

ward as far as the Amour in lat. 53° N., where they Join the Altal. The mountains of inner Mongolla are very little known. The rivers are numerous, chefiy in the N., belonging to the basins either of the Irtish or Amour. Connected with the former are the Selenga, Orkhon, and Tula, which unite their streams and flow into lake Baikal: the Keroulun and Onon, which are tributaries of the Amour, rise near each other on opposite sides of the Kente range, and, taking a N.E. course, unite in lat. 53° 30° N., and long. 121° E. In the S. are the Leaou-ho, rising on the E. slope of the Irchan range, and falling into the guiph of Leaou-tong, and several rivers in the region of Koko-nor, some independent, and connected only with lakes, but others tributary to the Hoang-ho. The chief lakes S. of the great Gold desert are the Koko-nor, the Oring, and Dzaring, the two latter being near the sources of the Hoang-ho. Inner Mongolla has no lakes of any importance, and those in the N. region, inhabited by the Kaikas, are of inferior size; but Kodod, the N.W. district, is a country of lakes as well as mountains, the principal being Upsa-nor, Altal-nor, and that called the like-aral-nor, which receives the waters of the Djabkan, the largest internal river of Mongolla. The air of this country is cold, owing chiefly to its great elevation, but also to the abundance of sulphate of natron, with which the steppes are in many parts covered. Timkowsky reports that the temperature, during Oct. and Nov., range between 2° and 10° Fahr.; but he was assured that this was an unusually severe season. Great dusnities of soil throughout this vast territory, which his generally sandy, stony, and barren. The banks of the rivers and the mountain valleys abound in good pastures, and in some places there is land fit for tillage. The N. part of soil throughout this vast territory, which is generally sandy, stony, and barren. The banks of the rivers and the mountain valleys abound in good pastures, and in some places there is land fit for tillag

air, on the stoppes, and disdain the laborious occupation of cultivating the ground.

"When we asked them," says Du Halde, "why they did not raise even a few vegetables in small enclosures, their prompt reply was, that heris were the food of animals, whose flesh was the only proper support of man." (Deac. & to a Chine, iv. 38.) In fact, so great is their love of idleness, that, even in those countries which abound with wood and pasturage, they never make any provision for the winter, except, perhaps, a few stacks of hay; and consequently when there is a heavy fall of snow, and the cold is severe, they sometimes lose 9-10ths of their flocks and herds. The quadrupeds of hongolia are the wild horse, wild boar, stag, goals of various kinds, bears, wolves, hares, foxes, sables, and squirrels: the birds are remark, wild geese and ducks, moor-fowl, qualls, and swans. Of the domestic animals it may be remarked that the horse, though small and shabby-looking, is strong and spirited; that the camels have two humps, and that the sheep are white, with long black ears, and furnish very delicate meat. The Mongols have dogs, but very few cats; and mules, as well as asses, are bred in large quantities by the tribe of Karatchin immediately N. of the greet wall.

Mongolia is composed of 26 aimaks, or principalities, all recognising the sovereignty of the emperor of China, and each governed by one of its oldest princes, called tatabhis. The division of the Mongol hordes is founded on the necessity of a military administration; but all the officers

*D. Halde mentions some tin, mines in the Kalles country; and Moles Bereare that these controls and the second and

² Du Halde mentions some tin-mines in the Kalkas country; and Malte-Brun says that there are iron-foundries about 50 versis from Klashes; but Timbrowsky doubts their emissence. (Comp. Du Halde 1v. 32, 1 Malle-Brun, ii. 454.; and Timbrowsky, ii. 334.)

sperintend likewise the direction of civil affairs. According to this military division (introduced by the Manchoos), the whole nation is divided into 136 banners, which are again subdivided into 186 banners, the to the sound of the serve as a horseman from his liki to his 50th year. The property of the soil is in the princes, to whom their subjects pay a moderate contribution of cattle, supplying them also with servants and shepherds for guarding their flocks and herds. These princes decide in the last instance all disputes between their subjects, according to the law established to preserve order in their armies; but the supreme administration is confided to the tribunal of foreign affairs at Pakin, which appoints inspectors; general for the different rekin preserve order the different tenders. tration is consided to the tribunal of loveing mann's at Pakin, which appoints inspectors, general for the different principalities; these are always chosen from the Manchoo nation. With respect to the attachment of the Mongols to the present Manchoo dynasty of China (Ta-Thing) is is difficult to speak positively. The Mongols still main-tain their ancient hatred of the Chinese; and, though the latter have been enabled to subdue the warlike spirit of saintheir success posses, posses, in the control of the control of the control of the control of these sounds, and to declare them tributary, the court of Pekin sends to Mongolia about 10 times the value of Pekin sends to Mongolia about 10 times the value of Pekin sends to Mongolia about 10 times the value of the tributary control of the Mongolia is Buddhism, supposed to have been introduced in the 17th century. The temples are not numerous, nor are the lamas much distinguished from the common people by their knowledge and morals. They learn to read Tibetian, because the sacred books and services are copied and printed in those characters; but few of them are even tolerably acquainted with the language, or know the origin and meaning of the religious ceremonies. The lamas observe ceilbery, and follow a strictly monastic life: there are also female recluses, who submit to an austere and holy life; but some are married. The proper or E. Mongols are divided into three great nations; the Kalkas, northward, the Tshakhars, near the wall of China, and the Sunnit, who range over the great desert of Gobi. Their physical conformation, language, general habits, and history, have already been described at some length in the article Asia, in this work (Vol. I. pp. 192—194.), to which the reader is referred for these particulars. The dress of the men is very simple, consisting of a long dark-blue robe, either of cotton or cloth, secured by a leather girdle; their shirts and under garments are of coloured nankeen, their boots of leather, and very thick: in winter they wear pelisses of sheep-skin, and fair cap

ments are of coloured nankeen, their boots of leather, and very thick: in winter they wear pelisses of sheepskin, and fur caps. The costume of the women resembles, in many respects, that of the men. The saddles and bridles of the Mongols are furnished with copper or silver. A bow and arrows, with a short sword, are the arms of a soldier; and muskets or rifles are used only in the chase. Their tents consist, like those of the Khirgiz, of a skeleton of osler, covered with felt, of which there are in winter three layers: the door commonly faces the 8.; the hearth is in the centre; and the right side, near the entrance, belongs to the women. The tents of the common people are low, close, and disagreeable; but those of the richer Mongols are spacious and lofty, comprising two or three distinct apartments, the best of of the common people are low, closs, and disagreeable; but those of the richer Mongols are spacious and iofty, comprising two or three distinct apartments, the best of which is covered with a Persian or Turkish carpet. Milk, cheese, and butter, with a little mutton and game, form the chief food of this robust and active nation; brick-tes is the principal beverage of the rich as well as the poor. In summer, also, they drink airak, a fermented liquor made from milk, besides koumiss and brandy, purchased from the Chinese. Hunting, horse-racing, wrestling, and archery are their chief amusements: they seem to have no idea of dancing, but their songs are poetical and highly characteristic. The Mongols marry young: a plurality of wives is not forbidden, and divorces are frequent, the least discontent on either side being deemed a sufficient reason for the step. They generally bury their dead, but sometimes burn them, and occasionally even leave them exposed to the birds and wild beasts. Almost every Mongol is a skifful warrior and huntsman; but there are very few workmen or artificers; and, on examining his dress, furniture, and saddle, we find that he is supplied with every thing by the Chinese, who give in exchange for horses, camels, oxen, and sheep, large quantities of brick-tea, tobacco, brandy, silk, cotton, and woollen fabrica, boots, and various uter, and chinese are to Mongols to the towns of Dalon, nor and silk, cotton, and woollen fabrics, boots, and various utersils in iron, tin, and copper. To carry on this trade, the Chinese go to Mongolia to the towns of Dolon-nor and Kalgan, or to the great entrepôts of Kiakhta and Ourga, in the country of the Kalkas. The Mongols receive considerable profits from the conveyance of goods through their country: payment is made by the Chinese sometimes in silver, but more frequently in articles of merchandise. (Timkoussky's Travels through Mongolia, ii. 207—358.; Dis Halde, Desc. de la Chine, iv. 31—38.; Chinese Rep., 1. 117—121., §c.)

MONMOUTH.

MONMOUTH, a mark. co. in the W. of England, adjoining Wales, having N. the cos. of Brecknock and Hareford; E. Gloucester, from which it is separated by the Wye; S. the Bristol Channel; and W. Glamorgan, from which it is separated by the Rumney. Area, 217,446 acres, of which 270,000 are supposed to be arable, meadow, and pasture. It is divided into 2 not very unequal parts by the Uak, which Sows through it from N. to S.; the tract to the W. of that river being comparatively larged and mountainous, and that to the E. comparatively level, and well-wooded. The S. part of both divisions along the Bristol Channel, contains large tracts of marshy land; in some parts of a deep, rich, loany soil; and in others, of a black peat earth. Large embankments have been raised in different places along the shore, to protect the marsh land from inundation. In other parts of the co. the soil, which is in general good, mostly consists, in the elevated grounds, of a red sandy loam, and in the valleys of a red clay; the substratum is frequently limestone. The arable land is generally clean, and in good order; but the rotation of crops might be a good deal improved. Draining is extensively practised. Cattle principally of the Hersford breed; and inferior only to the same breed in their native co. There are numerous orchards; and, in a few places, hose are cultivated. Scock of sheep estimated at from 170,000 to 180,000. There are some large estates; but property is, notwithstanding, a good deal subdivided. The size of farms varies from 60 to 300 acres, 140 acres being supposed to be about the average. They are generally held at will; and the want of leases is much and limestone. The abundance of these has led to the establishment of many very extensive iron works, especially in the N. and W. parts of the co.; which were estimated to produce, in 1850, about 20,000 tons of iron. The access to the mince has been facilitated by the formation of canals and railways. A good deal of fannel is made in different parts of the co. Besi

sons; of whom 70,606 were males, and 63,749 females. Sum paid for poor-rate, in 1848-49, 35,061. Annual value of real property, in 1815, 389,3914.; ditto, in 1843, 591,1624.

Monmooth, a parl. bor., market-town, and par. of England, cap. of the above co., hund. Skenferth, on the Wye, 25 m. N. by W. Bristol, and 112 m. W. by N. London. Pop. of parl. bor. (which includes the par. of Monmouth, and a part of that of Dixton), in 1841, 5,822. The town, which is well built, well paved, and lighted with gas, comprises a principal avenue, with other smaller streets, one of which leads to an old stone bridge over the Wye. The guildhall, in the market place, is a neat and commodious edifice; and at the N. end of the town is a prison, which, though externally of imposing appearance, is much too small for the wants of the district. The par. church, partly rebuilt in 1740, has a spire 200 ft. in height: the living is a vicarage in the gift of the Duke of Beaufort. Another small church stands at the S. W. angle of the town, besides which, there are four places of worship for Dissenters, with attached Sunday-schools. A free grammar-school was founded here in the reign of James I.; an infant-school has recently been opened, and there is a large almahouse for 20 old men and women. "The town is not flourishing in appearance, and, in point of prosperity, is said to be almost stationary. Independently of the conversion of pigl-iron into bars, and of tin plates, the chief trade of Monmouth consists in the export of bark and timber to Bristol and Ireland, and the general supply of the neighbouring agricultural districts. Coal, for the use of the town, is obtained from the forest of Dean, by means of a railroad: but it is alleged to have been an unprofitable speculation to the projectors." (Msss. Corp. Rep.) Monmouth is also a considerable thoroughfare; and from its situation on the romantic banks of the Wye, is likely to maintain its respectability, its neighbourhood having been selected as the residence of numerous persons of indepe

Boundary Act; and in 1849-50 Monmouth, with its contrib. bors., had 1,569 registered electors. It is also the principal polling-place and election-town for mems. of the co., as well as the chief town of a poor-law union. Markets on Saturday; wool fairs, Whit-Tuesday, June

Markets on Saturday; wool fairs, Whit-Tuesday, June 18., and Sept. 4.

MONOPOLI, a sea-port city of the Neapolitan dom., prov. Barl, on the Adriatic, 27 m. S. R. by E. Barl, and 32 m. N.N.E. Taranto; lat. 400 57' 19", long, 170 18' 89".

E. Pop., in 1833, 15.335. It stands on an eminence surrounded by a wall, and is defended by a castle. Swinburne calls it "a dark, disagreeable town, with narrow crooked streets, and very lofty flat-roofed houses;" but the account given by Crayen is not quite so unfair. but the account given by Craven is not quite so unfavourable. It is approached from the N. by a newly-bullt suburb, the small but regular houses of which have each a neat garden. The city has several churches, ineach a neat garden. The city has several churches, in-cluding a cathedral, which has a fine painting of St. Se-bastian by Palma, and a chapel dedicated to the Virgin, and enriched with iniaid marbles of all colours. The and enriched with mind marbies of all colours. The town has 2 ports capable of accommodating vessels of large size; but the deepest is open to the N., and is consequently exposed to the Bora, or N.E. wind, which often blows in the Adriatic with much violence. Monopoli has manufactures of cotton and linen cloths, and seen trade lower and allows. It is not account.

often blows in the Adriatic with much violence. Monopoli has manufactures of cotton and linen cloths, and some trade in wine and olives. It is not very ancient, being probably built by the Greeks of the lower empire, partly with the ruins of Egnatia, which stood about 3 m. 3.E., and some traces of which still exist. (Swinburne; Crawer, Cramer's An. Italy, &c.)

MONREALE, a city of Sicily, intend. Palermo, on a steep hill, 4 m. 3.W. Falermo, with which city it communicates by a fine road and causeway, supported by strong buttresses, ornamented with many seats, fountains, urns, &c., laid down at the expense of a late archibidop of Monreale. Pop., in 1831, 12,003. Monreals, though not a fine town, has several remarkable edifices. The cathedral, a large edifice founded in 1174 ranks next, after that of the cap.; for though heavy, and without symmetry, it has an imposing appearance. It sachitecture is a mixture of Lower Greek and Saracenic, and its interior, above the pillars and arches, is wholly incrusted with mosaic work, representing different subjects from the Bible. A destructive fire, in 1811, did great injury to the structure; but the portions destroyed have been since rebuilt exactly in the former style. An adjoining Benedictine convent has a magnificent cloister, a large library, a collection of coins, and numerous paintings, including one of the finest pictures, of the Scillian artist, Novelli Monrealese. Near the town is also another rich Benedictine establishment, founded by Pope Gregory the Great. (Smyth's Sicily, pp. 90—92.) Moneale is healthy, and commands fine prospects. Its vi-

ings, including one of the finest pictures, of the Scilian artist, Novelli Monrealesc. Near the town is also another rich Benedictine establishment, founded by Pope Gregory the Great. (Smyth's Sicily, pp. 90—92.) Monreale is bealthy, and commands fine prospects. Its vicinity is very fertile, corn, oil, and fruit being exported from it to Naples, Genoa, and other parts of Italy. (Ortodani, Dixion. della Sicilia; Smyth's Sicily, &c.)

MONS (Flem. Berghen), a town of Beigium prov. Hainault, of which it is the cap., on the Troulle, by which it is separated into 2 parts, 32 m. S.W. Brussel, and 20 m. E.N.B. Valenciennes. Lat. 50° 27° N.; long, 20° 37° 30° E. Pop., in 1846, 23, 165. The town is built partly on level ground, and partly on the declivity of a hill, crowned by a lotty tower, rebuilt in 1652 on the site of an ancient castle, said to have been built by Julius Cesar. Mons has been, since 181e, when its works were considerably augmented and strengthened, one of the principal Belgian fortresses. Its walls are fanked with 14 bastons, and on its E. sides are two extensive pools, by the aid of which, and the river ts ditches may be easily filled, and the environs laid under water. Without the walls are several suburbs. The town is entered by five gates; several of its streets are steep and winding, but they are in general wide, clean, well paved, and bordered with good houses, many of which are of stone. It has several good equares: of these the Place of Armez, or great market-place, is the principal, and has in it the government-house, and the hall of the provincial council. The ramparts are planted with trees, forming pleasant promenades; and within the precinces of the citade! is a garden open to the public. The Troutile is here crossed by three bridges, and numerous stone pumps supply the town with water. The town-ball, erected, according to Vandermaelen, in 1440, is a large Gothic with a substants on the public. The Troutile is here crossed by three bridges, and numerous stone pumps supply the town with wat

MONTAUBAN.

Mons is the residence of a civil governor, and of a provincial and a municipal military commandant, and the seat of tribunals of primary jurisdiction and commerce, a chamber of commerce, &c. it had formerly a fourishing manufacture of lace, now much decayed, and and several sugar refineries, which have been abandoned. It still, however, produces some woollen and cotton stuffs, gloves, cutlery, hardware, soap, and vinegar; and has copper and lead foundries, four-milis, &c.; but its chief source of wealth is in the numerous and productive coal mines by which it is surrounded, and which employ a great number of workmen and steam-engines. There are also extensive bleaching grounds in the vicinity. The coal from Mons is sent in part to Paris, by a long line of internal navigation, of which the canal from Mons to Condé forms a part. This canal, commenced by the French in 1807, and finished in 1814, is perfectly straight, 15 m. in length, with 7 locks, and at Condé joins the Scheidt. The greater part of it is in the Belgian territory; but a new branch of the Canal d'Antoine has been recently cut from it, avoiding France altogether, and entering the Scheidt not far from Tournay. Mons has sustained many sleges. It was taken in 1691, by Louis XIV, after an obstinate defence; and was occupied by Eugene and Mariborough in 1799. The emperor Joseph II. demolished its former fortifications in 1784. During the French ascendancy it was the cap. Det Heisensti, &c.)

MONTAGNANA, a town of Austrian Italy, deleg.

of the dep. of Jemmappes. (Vandermacken, Dict. Geog., De Hainsalt, &c.)

MONTAGNANA, a town of Austrian Italy, deleg. Padua, cap. distr, on the Frassins, 22 m. S.E. Padua. Pop. 6,337. It is walled; and has a castle, several churches, an hospital, and a high female school. It has manufactures of woollen and linen stoffs, bats, and leather, and a brisk trade in agricultural produce. It has several annual fairs, one of which lasts from Nov. 25. to Dec. 24. The hemp grown in the vicinity of this town is esteemed the best in the Lombardo-Venetian kingdom. (Rernhaus. &c.)

Dec. 24. The hemp grown in the vicinity of this town is esteemed the best in the Lombardo-Venetian kingdom. (Berghaus, &c.)

MONTARGIS, a town of France, dep. Loiret, cap. arroad, at the confluence of the canals of Orleans. Briare and Loing, 39 m. E. by N.Orleans. Pop., in 1846, 7, 272. Though ill laid out, it is pretty well built; it is in part surrounded by old walls, and has the ruins of a large castle, in which the French kings often held their court. The par. church is remarkable for the elevation and boldness of its pillars and nave. Montargis has 3 hospitals, a small theatre, and manufactures of coarse woollen cloths. (Heso, art. Loiret.)

MONTAUBAN, a town of France, dep. Tarn-et-Garonne, of which it is the cap., on an eminence on the banks of the Tarn, crossed here by a brick bridge of 7 arches, 132 m. E. S. E. Bordesux; int. 440 l. N., 100g. 10 20 45 E. Pop. in 1846, ex. com., 16, 296, 1-do of whom are Protestants. The town, properly so called, is small, and irregularly laid out, with narrow ill-paved streat, lined by old houses having projecting gables; but the suburbs, which are of considerable extent, present a totally different appearance, having straight, wide, and regular streets, with new, large, and elegant mansions. It has three public squares; that of the Prefecture, he Place-Agence, and the Place Royale, the last of which is specious, and has many handsome houses. The helf public buildings are the cathedral, a cruciform structure with 2 towers; the town-hall, a large and fine several bottle. Near the prefecture, bishop's palace, the public bildings are the cathedral, a cruciform structure with 2 towers; the town-hall, a large and fine several bottles. Near the prefecture, bishop's palace, the public bildings are the cathedral, a cruciform structure with 2 towers and the Place Royale, the last of which tower and steeple; the prefecture, bishop's palace, the public bildings are the cathedral, a cruciform structure with 2 towers the prefecture commences a noble avenue, shaded with 6 rows of ec avenue, shaded with a rows of acaclas, leading to the terraces of some adjacent promenades, which command extensive prospects of the surrounding country. The beautiful situation of Montauban, the purity of its atmosphere, the good quality, as well as abundance of its vater, and the cheapness of all the necessaries of life, render it a pleasant and favourite retreat for persons of small fortune. It is the seat of a tribunal of primary jurisdiction, and has a chamber of manufactures, a society of agriculture and science, and a communal college. It has namufactures of serges, fannels, coarse cotton fabrics, and silk stockings, earthenware, soap, brandy, starch, leather, and beer. It likewise carries on a considerable retail trade, and is a large entrepôt for corn.

a considerable retail trade, and is a sarge ware corn.

Montauban was built in the beginning of the 14th century, and owes its foundation to the protection afforded by the Count of Toulouse to the oppressed vassals of certain barons, who claimed, among other privileges, that of prdibation It afterwards acquired celebrity on account of its sarity adherence to the cause of the Huguenots, and its great sufferings in their behalf. In 1621, it successfully resisted an army under Louis XIII.; but a few years subsequently, after the siege of Rochelle, it was compelled to open its gates to that monarch. A few years after it was exposed to the dragonnesse, that diagraced the reign of Louis XIV. This was the last diagraced the reign of Louis XIV. This was the last disastrous event connected with the town, which has since

MONT-BLANC.
gradually risen to its present importance. (Hugo, art.
Tara-et-Garonae; Guide du Vog. en France, p. 62.)
MONT-BLANC, in Savoy, at once the highest mountain of the Alps and of Europe. (Vol. I. p. 63.)
MONTBRISON (an. Moss Briso), an ancient town of France, dep. Loire, of which it is the cap., 257 m.
S.B. Paria; iat. 45 - 35' 41' N., long. 40' 4' 29' E.
Pop., in 1546, is. com., & 363. It was formerly fortified; and is irregularly laid out with narrow streets, and lost whabby houses. A cathedral, founded in 1205, and still in an unfinished state, a prefecture, bospital, college, with a library of 15,000 vols., theatre, corn-exchange, and infantry barracks are the principal buildings; but the cathedral only has any architectural beauty. Though the cap. of a dep., and the seat of a tribunal of primary jurisdiction and commerce, and of a society of agriculture, Montbrison is very unimportant, having no manufacture, and only a limited retail trade: indeed, it has been proposed to make the large manufacturing town of 8t. Etienne, 11 m. 8. by E. Montbrison, cap. of the

of St. Etienne, 11 m. S. by E. MOURDINGE, cap. dep.
MONT-DE-MARSAN, a town of France, cap. dep.
Landes, 64 m. S. Bordeaux. Pop., in 1836, cs. com., 8,394. It is situated on the side of a declivity close to the navigable river Midouse (crossed here by a stone bridge of two arches), and is clean, well-paved, and regularly laid ost, the principal buildings being the parchurch, townhall, court of justice, college, public baths, barracks, a small theatre, and a library with 1,300 vole. The suburbs are planted with trees, and laid out in walks. It has manufactures of coarse woollen cloths, blankets, and sail-cloth; and some trade, with Bayonn, in wine and brandy. It is the seat of a tribunal of primary jurisdiction, and of a seciety of agriculture and commerce.

mary jurisdiction, and of a seciety of agriculture and commerce.

MONTEFIASCONE, a town of central Italy, Papal States, deleg. Viterbo, on a mountain, 9 m. N.N.W. Viterbo. Pop. about 5.300. It has a fine cathedral, and many other religious edifices, but is celebrated principally fer its light, white, muscadel wines; but these, as they do not bear carriage, are seldom met with out of the country where they are produced.

MONTELEONE (an. Hippontum of Vite Falentis), a town of the Neapolitan dom., prov. Calabria Ultra II., cap. of a distr. on a mountain, 274 m. S.W. Catanzaro, Pop. from 9,000 to 10,000. Its commanding situation, with its fine old castle, gives it a fine appearance from without; but its streets are crocked and III. paved, and the houses mostly low and of wood. There are several curveles, in which are some good pictures; a royal coliege, &c. The inhabs. are principally engaged in the tunny fishery, and in trading in silk and oil. According to Strabe (vi. 256.), Hippoulum was founded by the Locri Epitephyrii. After many vicinitudes it became a Roman colony; and Cleero calls it theatre et nobite music.

to Strabe (vi. 285.), Hipponium was founded by the Loeri Epizephyrii. After many vicisitudes it became a Ro-man colony; and Cicero calls it illustre et nobile muni-cipium. It had a fine temple of Proserpine, demolished by Count Roger of Sicily, who applied the materials to the construction of the abbey at Mileto, 6 m. distant. (Cromer's duc. Haly, il. 419—421.; Uraven's Tour, p. 419— 421.; Rampolds, 40.) MONTELISIART (an. Acumum?), a town of France, dép. Drôme, on the Jabron, near its confluence with the Rhone, 70 m. S. Lyon, lat. 440–32? N., long. 40–45° E. Pop., in 1846, in. com., 8.780. It is sur-rounded with walls, and is generally well-built, the chief street being wide and paved with basalt. It has four handsome gates, and a well-planted public walk along the walls, which adds greatly to its beauty. Near the town is a mineral spring, highly esteemed for its medi-cinal qualities, and the neighbourhood is remarkable for the abundance and variety of its fruits, &c. The manufacture of figured silks is the only important branch of industry; but it has a considerable retail trade, and is the chief entrepth of an extensive and highly pro-ductive district. It was unsuccessfully besieged by Colignd in 1867. (Hupe, Prance Pist., il. 6.; Guide du HONTEPULCIANO, a town of countral linky, grand

Coligni in 1867. (Huge, France Pitt., ii. 6.; Guide es Fog. en France.)
MONTEPULCIANO, a town of central Italy, grand ducky of Tuscany, prov. Arezzo, on a lofty hill, 37 m.
S.E. Sienna. Prp. from 2,000 to 3,000. It is surrounded by a wall with battlements, and has numerous ecclesastical establishments, a college, an hospital, and mamerfactures of soap, oil, and wine flasks. It is celebrated for its dessert wine, which, with excussible partiality, is preferred by Redi to all other wines:—

o d'ami vino è il rit." Perso in To

MONTERRAU (an. Conditie), a town of France, dép. Seine-et-Marne, at the confluence of the Seine and Yonne, each of which is crossed here by a stone bridge, 42 m. S. E. Paris. Pop., in 1836, es com., 4.379. It has a fine epen market-place, and is well built, clean, and respectable: apar. church, town-hall, hospital, and three hotels, are the only public edifices of any importance. It is the seat of a tribunal of commerce, and has an extensive manufacture of earthenware, with some tan-

yards, and a considerable trade with Paris, chiefly in coro, flour, and wood for fuel.

MONTG VIDEO, a fortified sea-port city of S. America, cap. of the repub. of Uruguay, on a peninsula extending into the sextuary of the Plata on its N. side, 126 m. E. by S. Buenos Ayres; lat. 340 84' 11" S., long-160' 12" W. Pop. variously estimated, but may preschibly be about 12,000. It is well fortified, and has a cliaded. The houses, which are of stone or brick, are seldom above one story in height; they are fist-roofed; and timber is so scarce, that their floors consist, for the most part, of brick or bare earth. The streets being unpaved, are either clouded with dust, or loaded with mud, as the weather happens to be dry or wet. The city is ill-supplied with water, which has to be brought from a well is m. distant, or from pits dug near the sea side; or is else merely rain-water, collected in cisterns. There are but few public buildings, and those of no great importance; the cathedral is said to be a handsome edifice, but it is baily situated.

The port of Montevideo is the best on the Plata. It is a large circular basin, open to the S. W.; generally the water is shallow, not exceeding from 14 to 19 ft.; but the bottom being soft mud, vessels are seldom damaged by grounding. It should, however, be observed, that the depth of water in the harbour, as well as throughout the whole of the Rie de is Plata, depends very much on the direction and strength of the winds. The harbour is exposed to the pamperos, or S. W. winds, which sometimes blow with so much force and continuance as to cause the rise of a fathom er more in the depth of water; but they rarely do any damage to vessels properly moored with anchors to the S. W. and S. E., and one to the N. On the opposite side of the by is a mountain called Montevideo, whence the city has derived its name; on its summit is a light-house, having the lantern 475 ft. above the sea.

Montevideo has considerable commerce; the imports

its summit is a light-house, naving the manufacture of the imports Montevideo has considerable commerce; the imports principally consist of British cottons, woollens, and hardware; flour, wine and spirits; linens, sugar, tobacco, boots and shoes, salt, &c. The great articles of export consist of animal products, of which the following quantities were exported in 1846 and 1847:—

1847. Dry hides -Saited hides Sheep skins Horns -Jerked beef 972,101 175,220 195,761 218,042 50,076 1,756,118 455,640 1,528,666 1,407,117 669,913 No. - Arrob.

The total value of the exports, in 1847, was estimated at 8,461,350 Sp. doil. The trade is principally with Great Britain, France, America, Sardinia, Spain, and Cuba.
This town was founded by a colony from Buenos Ayres, and its possession was long a matter of dispute between the Spaniards and Portuguese. It was taken by the Brazillans in 1821; and became, in 1836, the cap. of

Agree, and its possession was long a matter of dispute between the Spaniards and Portuguese. It was taken by the Bratilians in 1821; and became, in 1826, the cap. of the new republic of Uruguay.

MONTGOMERY, an inland co. of N. Wales, having N. Merioneth and Denbigh, E. Salop, and S. and W. Radnor and Cardigan. It is oval-shaped, and contains 536,960 acres. The Berwyn Mountains divide this ce. from Merioneth; and, with the exception of some considerable valleys, of which that of the Severn is the most extensive, and that of Llangollen, partly in this co., the surface is, for the most part, rugged and mountainous. The soil is very various; but in the vales it is generally clayey, and in parts very fertile; on the whole, however, the land under tillage is not supposed to exceed from 70,000 to 80,000 acres. The Severn has its source at the extreme W. coafface of this co., on the skirts of "buge Plynlimmon;" and runs in a N.E. direction, parallel to, and not very distant from, its 8. boundary, till it unless with its important affluent be Vyrnwy, which also belongs to this co., on pecially in the vales and along the border of Salop, has been a good deal improved; but withal its extremely similar to, and quite as backward as, that of Denbigh and Merioneth (which see). The climate, though moist, is mild and alubrious. The vales of this co. have been long celebrated for a superior breed of horses. Montgomery has, also, long been, and still continues to be, the best wooded co. In Wales. It was formerly regarded as one of the principal sources of the supply of oak timber for the navy; but many of its finest oak woods have been cut down; you many of its finest oak woods have been cut down; you thank the formerly existed. Average rent of land, in 1843, 9: 7d. an acre. There are a number of fine and commodious farm-houses and offices; but, in general, they are very defective, and the cottages are quite as bed as in Merioneth. Sistes is generally diffused over the co., and forms, indeed, the basis of the mountains. Sistes a

344 MONTGOMERY.

is the principal seat of the Welsh flannel manufacture, which is extensively carried on at Newton, Lianidloes, Machynileth, and Welshpool (which see). The co. is divided into 9 hunds, and 47 pars. It sends 2 mems. to the H. of C., viz. 1 for the co., and 1 for the town of Montgomery and its contributory bors. Registered electors for the co., in 1849-50, 3,219. In 1841, Montgomery had 13,643 inhab. houses, and 69,219 inhab., of whom 34,283 were males, and 34,936 females. Sum expended for the relief of the poor, in 1847-8, 29,1724.

MONTGOMERY, a parl. bor., market-town, and par. of N. Wales, cap. co. of its own name, 20 m. SW, Shrewsbury, and 146 m. W.N.W. London. Pop., in 1841, 1,176. Though small, it is a clean well-built town, in a hollow at the foot of a high hill. The guildhall stands on an eminence near the ruins of an ancient castle, close to which is the co. gaol, a modern stone building, close to which is the co. gaol, a modern stone building,

stands on an eminence near the ruins of an ancient castle, close to which is the co. gaol, a modern stone building, well adapted for its purpose. The church, a cruciform structure, in the early English style, has a handsome tower, erected in 1816, and an exquisitely carved screen, and some curious monuments; the living is a rectory in the gift of the crown. The Calvinists and Wesleyan Methodists have also their respective places of worship; and there are 2 Sunday schools, and a small endowed school. No trade or manufacture is carried on in the town, and it deserves notice merely from its being the and there are 2 Sunday schools, and a small endowed school. No trade or manufacture is carried on in the town; and it deserves notice merely from its being the cap. of a co. and a parl. bor. It was incorporated by Henry III. under a steward and 12 burgesses; who enjoyed, till the passing of the Reform Act, the privilege of sending I mem. to the H. of C. This act, however, made Llaniylline, Llanidloes, Machynlleth, Newtown, and Pool, contributory bors, with Montgomery in the election of the mem. Registered electors for the entire district, in 1849-50, 1048, of whom about 120 belong to Montgomery. The election for the co. takes place h. re; and sessions are held alternately with Newtown. Markets on Tuesday; fairs, March 25., first Tuesday in May, June 7., Sept. 4., and Nov. 14.

Montgomery is very ancient: its castle was built prior to the Norman conquest, and, from its size and strength, was frequently an object of contention during the wars between the English and Welsh. In 1354, it was in the possession of Roger Mortimer, from whom it passed to the crown. In the 18th century, the stewardship of the town and castle was granted to the Herberts of Cherbury. The famous Lord Herbert, celebrated alike for his chivalry, wit, and learning, was born here in 1881. It is the birth place, also, of the late Dr. Abraham Rees, the learned editor of the voluminous and valuable Cyclopedia which bears his name. (Nickolson's Camb. Guide; Part. Papers.)

MONTILLA (an. Montulia), a town of Spain, in

psedia which bears his name. (Nichoton's Camb. trunc; Part. Papers.)

MONTILLA (an. Monimia), a town of Spain, in Andalusia, prov. Cordova, 19 m. S. by E. Cordova. Pop., acc. to Mifiano, 12,800. It is well built, and has two parchurches, an orphan asylum, three hospitals, a royal school of Latin and rhetoric, and a bonding warehouse for wine. Its trade is considerable, chiefly with Cordova, both in manufactured goods and farm produce, particularly wine, horses, mules, and horned cattle, which, though small and ungalinly in appearance, are very hardy and serviceable. An annual fair is held in Sept., and well attended. well attended.

well attended.

MONTLUCON, a town of France, dép. Allier, cap.
arrond. on the Cher, close to the canal De Berri, in
a valley bordered by vine-clad hills, 38 m. W. S. W.
Moulins, and 171 m. S. by E. Paris; lat. 46° 20° N.,
long, 2° 40° E. Pop., in 1836, cz. com., 4,280. It was
formerly fortified, and is well built and situated. A par. church and hospital are the only public buildings. It produces some coarse woollen and linen fabrics; and has a considerable trade in corn, wine, cheese, and cattle

MONTMARTRE, a town of France, dep. Seine, only few furlongs N. of Paris, on a conical hill of the same MONTMARTRE, a town of France, dep. Serie, only a few furlongs N. of Paris, on a conical hill of the same name, commanding an extensive view of the French metropolis and its suburbs. Pop, in 1836, 6,234. It is the favourite resort of the Parisians on Sundays and olydays, and comprises several inns and other houses of entertainment, with some neat-looking villas and private residences. An asylum for 60 old men, a private limatic establishment, and two schools, have been funded here, and it has oll-cloth manufactories, scaglica-works, and woollen mills, with mines of gypsum, which supply the whole of Paris with plaster. In 1814, the hill was fortified by the Parisians, who defended it for a day against the allies.

MONTPELLIER (Lat. Mons Pessulanus), a city of France, dep. Hérault, of which it is the cap., on the Les, about 5 m. from the Moditerranean, and 7 m. W. by N. Marseilles; lat. 43° 36° 66° N., long. 3° 52′ 45° E. Pop., in 1746, (in. com.), 40,10°. It is beautifully situated on the declivities of a low hill, commanding views of the Alps, the Pyreness, the Cevennes, and the seal trength; but of its ancient fortifications, there are now only a few gates, a tower, and some portions of the wall on the N.E. side of the city. It still, however,

MONTPELLIER.

has, at one extremity, a citadel built by Louis XIII.; while, at its other extremity, is the Place or Pronemace de Peyrou, one of the noblest public walks in Europe. This place is entered by a Doric arch, and ornamented with long lines of ballustrades, covered ways, various acculptures, a bronze equestrian statue of Louis XIV., and numerous fountains, including a magnificent hexagonal châteas d'eas of Corinthian architecture. This, like the other public fountains of Montpellier, is supplied by an aqueduct about 84 m. in length, constructed in the middle of the last century; and which, for a distance of 880 metres, or more than § m., is raised on a double row of stone arches, and, in point of elegance, rivals the boasted Post dis Gard. Between the town and the ramparts of the citadel is the Esplanade, a fine open space planted with trees and ornamented with reservoirs, &c.; the boulevards surrounding the town also afford good public walks; and in the outskirts are many newly-built and handsome terraces. The city itself is very ill laid out; its streets are narrow, steep, and winding, and its squares small and irregular; but its houses are generally good, and, according to Hugo and others, it is kept remarkably clean. The public buildings are quite unworthy so considerable a city. Of eight churches, none demands any particular notice; the cathedral is distinguished from the rest only by being larger and uglier; a singuiar-looking porch, and a tower at three of the angles of the nave, are the principal external ornaments of this edifice. Adjacent to it is the School of Medicine, occupying what was formerly the bishop's palace, a large building with several fine apartments. This school, founded by the Arabs driven from Spain in 180, enjoys a high and well-deserved celebrity, as one of the best conducted establishments of its kind in France; and is all that now remains of the one famous university of Montpellier. It has a new and fine amphitheatre; an examination-hall, in which is an antique bronze but

one of which is said by ingits to be the best in the S. of France.

Montpellier is a bishop's see, the cap. of the ninth military division of the kingdom, and the seat of a royal court for the déps. Aude, Aveyron, Hérault, and Pyrénées-Orientales, a court of original jurisdiction, a tribunal, and a chamber of commerce, boards of taxation, customs, artillery, and engineering, an university, academy, and a royal college, it has schools of veterinary medicine, engineering, drawing, architecture, geometry, and music; societies of agriculture, arts and sciences, medicine, and archeology, a government loan-bank; Protestant Bible societies, a prison society; and numerous other charitable associations; several splums, &c. It has manufactures of woollen cloths, cotton handkerchiefs, muslins, table and other linens, hats, silk, cotton, and woollen hosiery; with cotton-thread factories, distilleries, sugar refineries, breweries, chemical works, &c. It is connected with its port Cette, 17 m. S.W., by a railway, and has a brisk trade with it, and with other towns and villages, exporting large quantities of fresh and dried fruits, wool, and other kinds of rural pro-

* It is stated in Johnson's (Croft's) Life of Young that Narcina, or Mrs. Temple, died at Lyons, in her way to Nice; but she, in fact, died at Montaellier.

duce, in addition to its manufactured products.

duce, in addition to its manufactured products. It was formerly a place of great resort for English invalids, on account of the alleged salubrity of its climate.

"About twenty-five years ago," asys lnglis, "200 English families were sometimes resident here; but since fashion, caprice, or experiment, have sent consumptive patients to die in Madeira or Naples, instead of Montpellier, that number has been reduced to 40 or 50 families, who, indeed, resort thither less for the sake of health than economy. It is undeniable, however, that the air of Montpellier (however little that bustling; that the air of Montpellier (however little that bustling; that the air of Montpellier (however little that bustling; the migration) is dry and salubrious, possessing the mildness of a southern clime, and yet having its heat temperad by the sea-breeze. It is also a cheap residence, the more so from the diminished influx of strangers. Two well furnished rooms may be obtained for about 10s. a week; and living is not expensive. Beef and mutton fetch from 5d. to 6d. per lb., fish, of about 20 different sorts, may be had at prices varying from 6 to 20 sous; fruit and vegetables are both cheap and good; wine ranges between 1 and 2 francs the bottle."

Montpellier has given birth to many distinguished persons, among whom may be specified Chaptal the chemist, Cambacerers, Daru the historian, &c. It appears to have been founded in the 8th century, and was for a while dependent on the kings of Majorca. It was acquired by Philip of Valois in 1349, but was not finally annexed to France till the reign of Charles VI. The Calvinists got possession of it under Henry III., and beld it till 162s, when it was taken after a long siege by Louis X111. (Inglis's Swritz. and France, p. 207.; Frozard, Tablecus Pitt. de Nismes et de ses Environs, il. 64 653.; Hago, art. Hérauli; Guide du Foyageur en France.)

France:

MONTREAL, a town and river port of British America, and the second city and chief seat of the commerce of Lower Canada; on the S. side of the Island of Montreal, in the St. Lawrence, 142 m. in a direct line S. W. Quebec; lat. 45° 30′ W., long. 73° 25′ N. Pop., with its suburbs, in 1844. 40,137. Its site is not so commanding as that of Quebec, but it is in every-other respect superior to that city. It is not so crowded; and some even of its older streets are of tolerable breadth. Montreal is divided into the Upper and the Lower Town; the difference in their elevation is but slight, but the former, being the more modern, is the handsomer division. It has several suburbs, including which it stretches along the older streets are of tolerable breaths. Mothers in direction to the Upper and the Lower Town; the difference in their elevation is but slight, but the former, being the more modern, is the handsomer division. It has several suburbs, including which it stretches along the river for 2 m. from N. to S., and has, for some distance, a nearly equal breadth inland. The battlemented wall, with which it was formerly surrounded, has long fallen into decay, and it is now entirely open, the wooded heights around being covered with villas and pleasure grounds. In the Lower Town, Paul Street, the chief commercial thoroughfare, extends parallel with the river the whole length of the city; and in the Upper Town several streets proceed in the same direction, communicating with Paul Street by cross streets. In the Upper Town and suburbs, which are mostly inhabited by the principal merchants, many of the houses are handsomely and solidly built in the modern style; but in the Lower Town they are principally of a gloomy looking grey stone, with dark iron window shutters and tinued roofs. Along the bank of the river is an extensive line of quays and warehouses. Many of the houses in the suburbs are built of wood, but there are no wooden buildings within the space once encompassed by the walls; and this city and Quebech have more of the aspect of old European towns than any other towns in America.

The most remarkable public edifice is the Rom. Cath. cathedral, opened in 1829, and superior to any other church in British America. It is of Gothic architecture, 255§ ft. in length by 1344 in breadth. It is faced with stone, and roofed with tin, and has 6 towers, of which the three belonging to the main front are 220 ft. In height. On the roof is a promenade, 76 ft. in length by 20 in breadth, elevated 120 ft. The principal window is 64 ft. In height, and 29 in breadth. The interior is capable of accommodating from 10,000 to 12,000 persons, who may disperse by numerous outlets in 5 or 6 minutes. It comprises 7 chapels, and 9 spacious sale

Hospital, erected in 1821-2 by voluntary subscription, a large and well-built edifice, is said to be one of the best regulated institutions of the kind in America. A large conventual structure, the Hötet-Dies, occupied by a superior-matron and thirty-six nuns, is appropriated to the reception of the sick and indigent: and the convent of the Grey Sisters partly serves as an assium for the aged and infirm, the insane, foundings, &c.

The Sawara Noires have an extensive convent, founded in 1650: its impates consist of a superior and 60 nuns.

agod and infirm, the insane, foundlings, &c.

The Saviers Noires have an extensive convent, founded in 1650; its inmates consist of a superior and 60 nuns, whose duties are directed to the education of young girls. The court-house and prison are substantial buildings, occupying the site of the former college of the Jesuits. The government-house, bank, barracks, ordnance-office, and 4 market-houses, are among the remaining principal buildings. In one of the squares is a colosal statue of Nelson, placed on a Doric column, the pedestal of which has bas-reliefs representing his principal actions. Besides the educational establishments noticed above, Montieal has a college, with a principal and 4 professors, a royal grammar-school, parcohial, union, national, Sunday, and other public schools; and many good private French and English seminaries. The university of M'Gill college, endowed by a citizen of Montreal, in 1814, with a valuable estate, and 10,00% in money, and chartered in 1821, is conducted on a liberal and enlarged scale. Montreal has a penitentiary, a house of industry, a savings' bank, a natural history society, a mechanica' institution, a central auxiliary society for promoting education and industry, Bible and tract, agricultural and horticultural societies; several public libraries, an excellent news-room, &c. Several newspapers and other periodical publications issue from the presses of the town. According to Mr. M'Gregor, there is a greater spirit of improvement in this city than in Quebec. There is much activity observable among all classes connected with trade. The position of Montreal at the head of the ship navigation of the St. Lawrence, and near the confluence of that river with the Ottawa, as well as its situation with respect to the U. States, necessarily make it one of the greatest emportums of America. well as its situation with respect to the U. States, necessarily make it one of the greatest emporiums of America. (Brit. America, ii. 309.)

(Bril. America, ii. 309.)

The harbour, though not large, is secure, and vessels drawing 15 ft. water may lie close to the shore. Its general depth of water is from 3 to 4½ fathoms. Its chief disadvantage consists in the rapid of 5t. Mary's, about 1 m. below, which vessels often find it difficult to stem. To obviate the obstructions in the navigation above Montreal, the Lachine canal, 9 m. long, 20 ft. wide, and 5 ft. in depth, was undertaken in 1821, and completed at an expense of 130,000. The communication with the opposite sides of the river is carried on by several steam and other vessels: and, during the summer, a regular steam host 130,000. The communication with the opposite sides of the river is carried on by several steam and other vessels; and, during the summer, a regular steam-hoot communication is kept up with Quebec. At this season, vast rafts of timber come down, and pass the city for Quebec; and scows, beteaux of about 6 tons, and Durham boats, bring to M. ntreal the produce of Upper Canada. Neither is the trade of Montreal suspended in winter, like that of Quebec. Thousands of sledges may then be seen coming in from all directions with agricultural produce, frozen carcasses of beef and pork, firewood, and other articles. Montreal is the centre of the commerce between Canada and the U States, carried on by Lake Champlain and the Hudson: and not only is it the depot of all the adjacent country, but most of the business done in Quebec is carried on by branches from the Montreal houses. In 1847, 876, 127 bar, of flour were exported from Montreal, the total value of her exports during the same year being estimated at 697, 794. Formerly this city was the head quarters of the fur trade, but its interest in it has greatly declined. It has, however, castinon foundries; distilleries; breweries; soap, candle, and tobacco manufactories; several ship-building establishments; and machinery for steam-engines. Various articles of hardware, linseed oil, floor-cloth, &c., are made in the town. The markets are abundantly supplied with good butchers' meat, fish, poultry, fruit, vegetables, &c. Mr. M'Gregor says that better accommodations are to be

in the town. The markets are abundantly supplied with good butchers' meat, fish, poultry, fruit, vegetables, &c. Mr. M. Gregor says that better accommodations are to be found here than in Quebec; and the society is as good. Montreal was, till lately, the seat of the united Canadian legislature. But the latter is now transferred alternately to Toronto and Quebec, the former seats of the separate legislatures of Upper and Lower Canada. This transference was occasioned by a disgraceful riot which occurred at Montreal in April, 1849, when the House of Assembly was burnt to the ground, with the colonial archives and public library. A city where such a gross outrage could be perpetrated was certainly no vary fit place for the meetings of the legislative body: and it now, as stated above, meets alternately at Toronto and Quebec.

and it now, as states above, more awarding and Quebec.
About 3-4ths of the pop, are of Fignich descent; the remainder, consisting principally of emigrants from the U. Kingdom, Americans, and Iroquois Indians. Montreal, originally called Villemarie, was taken from the French, in 1760. (W'Gregor's British America, il. 300—317.; Encyc. of Geog., Amer. ed.; Parl. Reports.)
A a 3

A a s

ceed 18,500.

The town consists of one wide and regular street, extending from N. to S. upwards of \$\frac{1}{2}\$ m., with numerous closes and subsidiary streets. Many of the houses present their gables to the street, as in the Netherlands. It is a handsome town, well paved, lighted with gas, and supplied with water, conveyed, in pipes, from a distance of \$\frac{2}{3}\$ m. The public buildings are the town-hall, gaol, lunatic asylum, academy, trades' school, infirmary, house of refuge, parish church, with a handsome steeple, 200 ft. high; \$2\$ Free churches, \$t. John's and \$t. George's; 7 dissenting churches, of which 2 belong to the United Presbyterian body, and the others to the Methodists, Baptists, Glassites, Independents, &c. The harish church is collegiate; and one of the two ministers is paid by a tax of 2\$\frac{1}{2}\$ per cent. on the rental of the bort. The narrow downs, provincially lisks, between the town and the sea, are much resorted to by the inhab. for golfplaying; a game which is in great favour here and in various other places in Scotland.

The most important public structure connected with Montrose is the suspension bridge, completed in 1839, over the principal branch of the South Esk, and uniting the town with the Inch. The distance between the towers at the extremities of the bridge is 432 ft.; the height of each tower is 71 ft.; the width of the bridge is \$6\$ ft. within the suspending-rods. The whole cost above \$25,000l.; the pontage levied amounts to about 1,500l. a year. The extent of the line is less than \(\text{m} \), and the branch of the river on the opposite side is crossed by a drawbridge; so that the communication across the two channels of the South Esk is as perfect as possible. The town is now connected by a branch line with the Aberdeen railway. The town consists of one wide and regular street, ex-

crossed by a draworinge; so that the communication across the two channels of the South Eak is as perfect as possible. The town is now connected by a branch line with the Aberdeen railway.

Montrose has been long celebrated for its schools. It was the first place, in Scotland, in which Greek was taught (MCrie's Life of Knos., vol. 1. App. n. C.): and it has preserved the character which it so early (1534) attained. It has at present about 20 schools, and above 1,500 pupils, being nearly an eleventh part of the entire pop. Of the schools, two are entirely free; one, founded in 1816, by a Mr. White, educates 100 poor children; and another, founded in 1822, by Miss Stratton, educates 42 boys and as many girls. Five schools are partially endowed; the others are voluntary and unendowed seminaries. The scademy, established in 1815, is an excellent semiliary. Andrew Melville, who was born in the neighbourhood, was educated at the grammar-school of Montrose. George Wishart, who suffered martyrdom, was also educated here, and subsequently held the office of Montrose, who made so distinguished a figure in the teacher in the same school. The celebrated Marquis of Montrose, who made so distinguished a figure in the civil wars in the 17th century, was a native of the town. Archbishop Leighton was descended of a family whose seat was within 2 m. of the bor. There are various subscription libraries, one of which, founded in 1785, has above 10,000 vois; a mechanics' institute, which has occasional lectures on different branches of science; a Natural History and Antiquarian Society, to which Lord Pammure has been a liberal benefactor; a Horticultural Society; various literary and philosophical societies, and 2 weekly newspapers.

Society; various literary and philosophical societies, and 3 weekly newspapers.

In addition to the funds bequeathed for the support of schools, there are no fewer than 15 different bequest, amounting in the aggregate to about 11,500..., left for the support of the poor, or for particular classes among them, exc. certain annutities. Poors' rates, however, were introduced in 1836; and the assessment in 1850-51 amounted to 2,486. fs. 9d. There is, also, an hospital fund, consisting of certain lands and teinds granted to the town by James VI., in 1987, amounting to about 170. a year. The lunatic asylum, in an airy and healthy situation, was founded in 1779; and having been greatly enlarged and improved, it was incorporated by royal charter in 1811. It has usually from 140 to 150 inmates. The infirmary, a handsome new building, has attached to it a fever hospital, and a dispensary. Average number of patients in the infirmary and free hospital about 21: do. of out-door or dispensary patients, who receive advices the state of the same of refuse was estapatients in the infirmary and free hospital about 21° do. of out-door or dispensary patients, who receive advice and medicines, about 50°. A house of refuge was established and endowed in 1828, by a henevolent citizen, William Dorward, Esq.: total value of property and funds belonging to the trust, 21st Oct. 1800, 25,256°. 2s. 10°d. It is intended to shelter and provide for old and destitute persons of both sexes, and for destitute children. The building is handsome and commodious, and the institution, which is said to be admirably conducted, has, at

present (1850), 105 inmates: the children are educated at the different charity schools. There is, also, a society for the relief of the destitute sick. The principal business in Montrose is flax-spinning and weaving. At present (Jan. 1851) there are in the town

the different charity schools. There is, also, a society for the relief of the destitute stek.

The principal business in Montrose is flax-spinning and weaving. At present (Jan 1851) there are in the town and its immediate vicinity 5 flax-spinning mills driven by steam engines; and there are, besides, in connexion with the town, i mill at Craigo, i at Logie, and i at Kinneber, driven by water from the N. Esk. The consumption of flax by these mills amounts to about 5,705 tons a year; and the produce of yarn to about 51,000 spindles a week, or 2,652,000 spindles a year. About 1,760 hands are employed in spinning, and 350 in heckling.

Here is also a power loom factory of 180 looms, driven by steam, and about 400 hand looms, 260 of which are in factories, employed principally on the finer and heavier linen fabrics, such as sheetings, dowlass, ducks, &c. The weekly produce of these looms is about 1,450 pieces, or 75,400 pieces annually. About 1,300 hands are employed in weaving and manufactures.

Two large bleach-fields in the neighbourhood, one st Craigo, and another at Logie, employ about 300 hands. Montrose has two roops and sail works, and a machine factory. Shipbuilding is carried on to a considerable extent, and at present 5 ships are on the stocks. There is a patent allp for repairing ships. There are 5 breweries, 2 tanneries, 2 candle-works, 3 starch factories, and a foundry. A meal and flour-mill are driven by steam. The harbour is one of the best on the E. coast of Sootland. The channel of the river is narrow; but, as it has 15 or 18 ft. water over the bar at love by, middling-sized merchantmen may run in at any time of the tide; and, at high water, it is accessible to the largest ships. A wet dock has been countervail the injury arrising from the increase of the harbour dues it has occasioned. The basin, immediately W. from the town, has a fine appearance on the map, but is of little use. It is nearly circuitar, being about 3 m. in diameter: it is shallow, and, excepting the channel of the river, dries a lights.

bour has, on its N. side, 2 lighthouses, with fixed lights.

On the lat of January, 1851, there belonged to Montrose 115 ships of the aggregate burden of 14,795 km.
Customs revenue in 1850, 15,7184. The trade of the port has considerably increased of late years. The chief important from foreign countries are flax, hemp, and timber. In 1850, there were imported at Montrose 5,349 tons flax and hemp, 30,436 tons coal, 4,834 loads timber, 14,392 barrels herrings, and 5,485 quarters wheat. The great articles of export are canvass and course lineus, corn, cattle (1,147 in 1850), smoked haddocks, pork, potatoes, &c. Previously to 1839, 3 or 4 ships sailed annually to the Greenland whale fishery, but this branch of trade has been abandoned. The majority of the ships belonging to the port are now engaged in the Baltic trades. The steamers that ply between Leith and the N. of Scotland regularly call at Usan, 2 m. S. of Montrose; and a steamer, belonging to the town, piles twice a week to Leith. A direct trade is carried on with Loadon by the agency of schooners and smacks. There are five banks in the town, a savings' bank, the deposits in which, on the 20th Nov. 1850, amounted to 21,1874, and two insurance societies. insurance societies.

insurance societies.

Montrose was created a royal bor. by David I. in the 12th century. It was here that John Baliol, in 1996, surrendered the Scottish crown to Redward I. Montrose was the first port made by the French fleet, in 1715, with the Pretender on board; and the same personage salled from it in February, 1716. Joseph Hume, Esq., the veteran reformer, is a native of Montrose, where he first saw the light in 1777.

reteran reformer, is a native of Montrose, where he first saw the light in 1777.

The corp. consists of a provost, 3 bailies, and 15 councillors. Municipal revenue, 1851, 3,000. Montrose unites with Arbroath, Brechin, Forfar, and Bervie, in sending a mean to the H of C. Registered electors, in 1849-50, 488. (Private Information.)

MONTSERRAT, one of the British W. Indian Islands, a dependency on Antigua, from which it is distant S. W. 27 m.; in lat. 169 46° N., long. 61° C' W. It is about 12 m. in length, and 5 m. in its greasest breadth. Area, estimated at about 30,000 acres. Pop., in 1846, 7,365, of whom above 9-10ths were blacks. Mentserat consists of a range of steep abrupt mountains, or rather, perhaps, of one lotly mountain, 2,560 ct. high, the summit of which has been broken into a variety of deep precipices and chasms. The upper parts are altogether barren; but the base of the mountain slopes off to the sea by a succession of gentle ridges, admitting of cultivation; and the lower parts are well watered, and very productive. With the exception of the town of Plymouth, unfavourably situated near the S.W. beach, with an amphitheatre of hills in its rear,

intercepting the sea-breeze, the island enjoys a compara-tively high character for salubrity. (Tulloch's Report on the Sickness, &c. in the W. Indies, p. 35.). In 1849, only 63 cert. sugar, 657 gall. rum, and 19 cert. molasses, were imported from Montserrat into the U. Kingdom. The imported from Montserrat into the U. Kingdom. The total value of the exports and imports amount to about 10,0004, each. Amount awarded to the colonial proprietors for the manumission of the slaves, 103,5584. 18x.; the average value of a slave from 1822 to 1830, having been about 37f. This island was discovered in 1493, by Columbus, who gave it its present name. It was colonised by the English in 1632. The French took it in 1668, but restored it at the peace of Utrecht. (Parl. Pupers, &c.)

1668, but restored it at the peace of Utrecht. (Parl. Papers, &c.)
Papers, &c.)
MONZA (an. Modatia), a town of Austrian Itsly, deleg. Milan, on the Lambro, here crossed by 3 stone bridges, 9 ro. N.N.E. Milan. Pop., in 1837, 8,78. It is regularly laid out, paved with round stones, and tolerably well built. It is interesting from having been the seat of government during the time of the Lombard kingdom; and the iron crown of Lombardy is kept, with other relics, in its cathedral, an edifice supposed to date from the 7th century. The former residence of the Lombard kings is said to have been the building now occupied by the court of justice. Monza has a royal palace, with fine grounds, greatly embellished by Prince Eugene Beaubarnois, and which is the usual summer residence of the Austrian viceroy; a gymnasium; 2 hosresidence of the Austrian viceroy; a gymnasium; 2 hos-pitals; a theatre; and manufactures of silk and cotton stuffs, shawls, hats, and leather. (Dict. Géog.; Conder's

shiffs, shawis, nats, and realner. (Dics. Geog.; conner s. Haiy, 1. 347-8.)

MOOLTAN, or MOULTAN, a city of the Punjah, probably the Malli of Alexander's historiaus, cap. prov. of same name, on the Chinaub or Acesines, 190 m. S.W. Labore. Lat. 30° 9° N.; long. 71° 7° E. Pop. about 60,000, one-third of whom may be Hindoos; the rest are Mohammedana, the Selks being confined to the garrison, which does not exceed 500 men. (Burner's Bokhara, &c., 1. 95.) The city is upwards of 3 m. in circ., surrounded by a dilapidated wall, and overlooked circ., surrounded by a disaputated wait, and overshooked on the N. by a fortress of some strength. A considerable portion of the town evidently stands on the debris of more amelest buildings. The houses are of burnt brick, with flat roofs; they sometimes rise to the height of 6 stories, so that the narrow streets are dark and gloomy. The fortress of Mooltan is an irregular hexagon, with a wall of burnt brick, 40 ft. high on the outside, and flathed with about 30 towers. In its interior gloomy. The fortress of Mooltan is an irregular hexagon, with a wall of burnt brick, 40 ft. high on the outside, and flanked with about 30 towers. In its interior are numerous houses, now uninhabited and falling into ruln, several mosques, and a Hindoo temple of high antiquity. Mooltan has several elegant and highly venerated tombs. Its inhabs are principally engaged in wearing and dyeing cotton cloths, and sliks of a somewhat coarser texture than those of Bahawulpoor, but which are largely exported into the adjacent countries. Many of the fabrics of Mooltan are, as of old, of a purple colour, and interwoven with gold. This city was formerly frequented by a great number of pilgrims, and afforded immense plunder to the Mohammedaus in 712. It was captured by Mahmoud, of Ghiznee, in 1010; by Mahomed Ghort, in 1176; by Timour, in 1398; and by Manjeet Singh, in 1818, since which it has belonged to the dorn. of Lahore. (Buernez's Bokhara, i. 95—100.; Hamilton's E. I. Gaz.)

MOORSHEDABAD, a large city of British India, presid. and prov. Bengal, on the Ilhagirathi, or most sacred branch of the Ganges, 115 m. N. Calcutta. Lat. 24° 11' N.; Iong. 88° 18° E. Pop. estimated by Hamilton at 185,000. In point of appearance Moorshedabad cannot compare with either of the other great cities of Bengal, but it is not so mean as has been sometimes represented. The houses are principally of noud and straw; the city extends for 8 m. along both banks of the river, and a number of brick or chunamed houses are interspersed among the rest, with terraces,

sometimes represented. The houses are principally of nuel and straw; the city extends for 8 m. along both banks of the river, and a number of brick or chunamed houses are interspersed among the rest, with terraces, small verandahis, flat roofs, &c., "on which you may see the owners, in their Moorish dresses, smoking their hookahs, playing chess, or walking sedately in small parties." A great many small mosques are scattered throughout the city; but a large and fine looking European residence, erected by the British government for the residence of the Bengal nabob, is the only public building worth notice. On the mostic fhect, a pool left by a former winding of the river, are the remains of the palace, &c., built by Aliserdi Khan, in the last century, partly with materials from the ruins of Gour. Within the gateway by which the grounds are entered, is a handsome mosque of fine stone, which the zealous frequenters have concealed with thick layers of whitewash. What were formerly gardens are now mere naked fields. Only one fragment of the palace exists, but this is an elegant ruin, consisting of 4 arches supported by 6 columns, the whole of beautifully pollshed black marble. Moorshedabad is considered unhealthy from the neglected state of the sewers, the closeness and filthiness of the streets, and the rank jungle intermingled with the huts and houses; and pestilential diseases have often

ged here with much violence. It is also exp the attacks of dacoits and other plunderers, never having been fortified except by an occasional rampart during the Mahratta invasion in the last century. It is the head quarters of one of the 6 courts of circuit under the Bengal presid,; the seat of a zillah court; the residence of the district collector and other British functionaries, and of the nabob of Bengal; and has a British College, founded in 1826, and endowed with an income of 16,500

rupees a year.

Moorshedabad became the cap, of Bengal in 1704, and Moorshedabad became the cap, of Bengal in 1704, and continued to be the seat of government till the conquest of Bengal by the British in 1756. It was then virtually superseded by Calcutta, to which the revenue-board, collector-general, &c. were transferred in 1751. (Hamilton's E. I. Giazzter; Mod. Tran., ix. 145.—181.)

MORADABAD, a town and distr. of British India, prov. Delhi, The town, on the Rangunga, 165 m. E. by N. Delhi, is one of the most populous and flourishing seats of commerce in the unear prox. It has some cond

by N. Delhi, is one of the most populous and flourishing seats of commerce in the upper provs. It has some good streets, but no public edifice of any importance. The district, or collectorate, is included between the 28th and 30th degs. of N. lat., and 77° 40′ and 75° E. long. Area, 5,800 sq. m. Popp. probably 1,560,000. It is well watered, and extensive tracts are very fertile, though a good deal of it be waste. Sugar, cotton, and wheat are the chief products; the latter is almost wholly exported, the food of the box consisting vincingality of lowares. the food of the pop. consisting principally of jowares, bajires, &c. At least one-fifth part of the land is held rent-free. Total land revenue, (1829-30), 965,110 rupees. (Part. Revenue Report, 1832; Hamilton, E. I. Gazet-

MORAT (Germ. Marten), a small town of Switzerland, and Freiburg, on the S.E. bank of the lake of the same name, and on the high road between Bern and Lausanne, 14 m. W. by S. the forner city. Pop., with its suburbs, 1,596. It is partially walled round; and has an ancient castle, now the residence of the observations, an hospital, and an orphan asylum, a Protestant college, a public library, superior, inferior, and commercial schools, and a brisk transit and general trade. The circumstance of several Roman antiquities having been discovered here, has led to the supposition that Morat was anciently one of the suburbs of Arenticum (now Avenche). This otherwise insignificant town, owes its celebrity to the great battle fought under its walls on the 22ti of June, 1476, in which the Swiss totally defeated the invading army of Charles the Bold, Duke of Burgundy. gundy.

Morat! the proud, the patriot field! where man May gaze on ghastly trophies of the slain, Nor blush for these who conquerd on that plain. Bere Burgundy bequeath'd his torobless host, A hory besp through ages to remain; Themselves their menument." Childe Harold.

The loss of the Burgundians was immense; as many as 15,000 soldiers having, it is said, been left on the field, exclusive of those drowned in the lake. The bones of the siain were afterwards collected, in memory of the battle, in a square building, called an ossuary. This singular monument, after standing for more than 300 years, was destroyed in 1798, by the soldiers from Burgundy, in the French army. But though nothing could surpass the gallantry and devotion displayed by the Swiss on this occasion, it is pretty certain that the defeat of Charles at Morat, as well as his previous defeat at Granson, was owing quite as much to his rashness and folly, as to the bravery of his enemies. The principal strength of the duke's army consisted in its cavairy; and yet, on both occasions, he engaged in defiles where they could not act. (L'Art de wérifier les Dates, part il. tom. ii. p. 96.)

MORAVIA (Germ. Mähren), an important prov. of the Austrian empire, which, including Austrian Silesia, incorporated with it since 1783, extende between lat. 48° 40° and 50° 25° N., and the 15th and 15th degs. of E. long.

the Austrian empire, which, including Austrian Silesia, incorporated with it since 1783, extends between lat. 489 40′ and 50′ 25′ N., and the 15th and 19th degs. of E. long, having N. Prussian Silesia, E. and S.E. Galicia and Hungary, S. the latter country and Austria, and W. and N.W. Bohemia. It is of a rhombodial shape; greatest length about 185 m.; average breadth, 55 m. Area, about 10,240 sq. m. Pop. in 1842, 2 293,477. In the N. part of the prov. is a mountainous ridge of no great elevation, stretching W.N.W. and E.S.E., between the Sudeten Bund on the W. and the Jablanka mountains, a branch of the Carpathians on the E., dividing the waters that flow N. into the Oder and the Baltic, on the one band, from those that flow S. into the Mediterranean on the other. The E. and W. frontiers of the prov. are also defended by mountain ridges. Excepting in the N., the country is mostly level, or merely undulating, with a gentle slope to the S.; nearly all its great sivers, including the Morawa, by which it is intersected from N. to S., and whence, also, it derives its name, the Iglawa, Thayer, &c., flowing in that direction. The Oder has its sources in the N. ridge. Being sheltered on the N., E., and W., by mountain ranges, and lyfug in general only from 500 to 1,000 ft. above the level of

MOR the sea, Moravia enjoys a milder climate than most countries in the same lat. The mean temperature of the year at Olmutz is about 48° Fab. The wind is mostly from the S., and the atmosphere clear. A large proportion of the soil is very fertile, and if advantageous markets could be found, large quantities of corn might be raised for exportation; but, in consequence of the want of the latter, the attention of the inhabs. has been of late devoted more to manufactures than to agriculture, and Moravia is no longer a country whence supplies of corn might be drawn, at a short notice, on a very large scale.

An estate of mean size comprises from 850 to 1,400

whence supplies of corn might be drawn, at a short notice, on a very large scale.

An estate of mean size comprises from 850 to 1,400 acres of arable land, from 140 to 420 acres of meadow land, and 1,000 to 2,500 or more of wood, according to the situation. The estates conferring the right of representation in the assembly, and which are only held by hights or nobles, are of all sizes from a few acres to many sq. miles in extent. These estates can, strictly speaking, be also held by a commoner, but only on his paying a portion of the taxes twice over, and on his renouncing the right to all kinds of patronage and judicial suthority. The estates of mean size may be estimated at 2-3ds of the whole; but about 30 estates exceed 32 English sq. m. in extent. In purchasing land, a profit of from 4 to 4½ per cent. per annum is generally looked for. The size of the peasant's holdings is very various in the plains it may be about 28 English acres; but in the hilly parts, where the pop. is thinner and the soil less productive, it is 30, 40, and in some parts 70 acres. Half holdings, quarter holdings, as well as cottlers with small gardens, are also frequent. It is supposed that of the peasant families, 2-3ds hold land, and about 1-3d may be considered as mere labourers. The mode of cultivation adopted by the peasants in the low lands consists in a rotation of three cross vis. wheat very constant in the constant in a rotation of three cross vis. wheat very constant in the low lands consists in a rotation of three cross vis. wheat very constant in the low lands consists in a rotation of three cross vis. 1-3d may be considered as mere labourers. The mode of cultivation adopted by the peasants in the low lands consists in a rotation of three crops, vis. wheat, rye, summer corn, failow; the failow being only partial. In the hilly parts, the failows are used for potatoes, turnips, flax, &c.; in the mountains tillage is more irregular. On most of the small estates of the nobles, a better rotation of crops, with clover, green food, and meadows, prevails, according as the soil, or the local advantages of common grating (which is very extensive) rander it measure. cording as the soil, or the local advantages of common grating (which is very extensive) render it necessary. The following rotations, among others, are pursued :—1. Potatoes, with manure; 2. Barley, or oats, with clover; 3. Clover hay; 4. Clover as pasture; 5. Rye; 6. Oats. In heavy soils; —1. Winter corn with dung; 2. Barley, with clover; 3. Clover; 4. Wheat; 5. Green fodder, with manure; 6. Wheat; 7. Pesse and beans; 8. Rye. In the low lands millet is a good deal cultivated; in the mountains flax. On the estate of a Moravian nobleman, which is cultivated in a superior manner, but is by no means of terms max. Un the estate of a Moravian nobleman, which is cultivated in a superior mannor, but is by no means of a superior quality of soil, as compared with other estates in the same prov., the following is the average produce of corn per acre:—

i				Maximum.	Minimum.	Mean.
Wheat Rye Bariey Oam Potatoes	:	:	:	Bushels. 42 35 49 46 2-3 408	Bushele. 14 10½ *16 17½ 175	Bushele. 241 21 25 25 280

Distilleries, and even breweries, are commonly established on the low farms; and, within a few years, beet-root sugar manufactories have become frequent.

It is not usual to let lands on lease in this part of the Austrian empire. The few cases in which this mode of tenure occurs, must rather be considered as exceptions than as a rule. From the peasant's holdings the lord usually derives, — Ist. All that was stipulated on the original cession of the land, whether in the shape of a rent charge in money or otherwise. Stily. The Leasterwises, or fine on transfer, whether by sale or inheritance (usually 5 per cent.). 3dly. The Robot, or personal service, the maximum of which has been fixed by law. This consists generally in 3 days work, with a waggon and horses, weekly, for the peasant's whole holding; the half-holding gives if day's work, and the quarter-holding 3 or 3 days' labour, weekly: cottagers give from 10 to 13 days per annum. 4thly. The right of grasing on uncultivated failows and stubble; which, however, the peasant may exercise upon the land of his lord. 5thly. The great and small tithes, which are often ceded to the church, or have been otherwise transferred. Dominical property (allodal estates) pays in general no tithe. The peasant may eade, or leave by will, his holding to which with a sum for each of his brothers and sisters. The sustom prevails of leaving it to the eldest son; but it is often ceded during the high of the father, who retains a cortain proportion of the produce for his own use: this generally happens when the father wishes to free his son from liability to the conscription.

Flax is cultivated in considerable quantities by the descendants of German and Bohemian settlers, in the descendants of German and Bohemian settlers, in the

circles of Brunn and Olmuts: it is celebrated for its fineness and length, and is second only to that of Silesia. In certain favourable situations, the soil and climate of Moravia are well adapted to the grape; and for some time after this was ascertained, the appropriations of land to this kind of culture were so considerable, that government supposed it necessary to interfere, and to issue, in 1803, an order prohibiting the laying out of new vineyards. Wine is mostly grown in the S. circles of Znaym, Brünn, and Hradisch: the average yearly produce is estimated at 436,600 cimers; a good deal of which is exported to the adjacent provs. Large quantities of brandy and beer are also made. Fruits of many kinds are so plentiful, that Moravia is usually styled the orchard of Austria. The forests, formerly much diminished by imprudent waste, are now better attended to. The pasture grounds are extensive in the mountains, and a large proportion of the Austrian heavy exating horse is furnished by this prov. Cattle are not very extensively bred; considerable numbers are sent thither from Poland to the markets of Olmutz, and from Hungary to those of Ausvitz. In 1837, of 90,007 head of oxes sold in Olmutz, 74,184 were from Galicia. Large flocks of sheep are depastured in the mountainous districts; their numbers having increased with the increase of the woollen manufacture. The breeds, have been materially improved by crossing with merinos, &c.; though, from want of proper care, the wool of Moravia is still inferior, and most part of the raw material required is imported from contiguous provs. Hogs and geese are bred in great numbers for exportation, and game is very abundant. There are valuable mines of iron, copper, lead, and coal; gold and silver mine were wrought previously to the troubles of the 16th and 16th centuries, when they were abandoned, and the works have not since been resumed. Alum, marble, and excellent building stone are found: among other minerals is a species of stone, which, when first dug up, is so soft sure to the air : a great many pipe-bowis are made

from it.

Manufactures and Trade. — Notwithstanding its inland position, this prov. has made a very considerable
progress in manufactures, and has become, since the
close of last century, one of the most thriving portions
of the Austrian empire. Woollens, linens, and cottons
are all made on a large scale; the first two consuming
not only all the wool and flax raised in the country, but
requiring a large importation from other parts. Wool is not only all the wool and hax raised in the country, but requiring a large importation from other parts. Wool is brought from Hungary; flax from Silesia and Austrian Poland. The oldest woollen manufactures are in the neighbourhood of Iglau, in the W.; but those of Brunn are now the most extensive and important. Woollens are also extensively manufactured in other towns; and, exare now the most extensive and important. Woolens are also extensively manufactured in other towns; and, exclusive of the goods produced in manufacturing establishments, large quantities are made by the peasants and others for domestic use. Linen and thread are also largely produced; and cotton factories, some of which are on a very extensive scale, have been established, though with but indifferent success, in many parts of the prov. Dyeing, especially fine Turkey red colours, is successfully and extensively carried on at Brunn, almost all the cloth made in Moravia being sent thither for that purpose. The other manufactures, such as those of silk, leather, paper, pot-ash, glass, beet-root sugar, &c., are also of considerable importance; and their products are exported to the contiguous countries, and to Hungary, Austria, Italy, and the Levant. The imports consist chiefly of wool, oil, flax, raw cotton, silk, cattle, wine, and hardware. The only navigable river is the Morawa; and hitherto goods have been almost always conveyed in waggons. For these there are two great commercial roads, both leading from Vienna; the one passing by Brunn and Olmuts in the centre of the prov. But the facilities for trade are now in the course of being vasified the formation of the railway from Vienna to Bochnia, in Galicla, which passes through the valley of the Morawa in this prov. as far as Magpedi, having branch railways to Brunn and Olmuts. The completion of this great undertaking will be of signal advantage to the prov.

The government of Moravia, which is entitled a mar-

MORAY.

MORAY.

1.4th part of the popt, there is also a great number of superfor schools, and the prov. Is well provided with the venty at Ofmulit, which, in 1839, was attended by 505 statemat; it has also faculates of selence all frames. All the schools of read sconery as Britism and Olanilit, askeds, in 1839, yet in 1969, and it grammas, which is a statement of the provided schools of read sconery as Britism and Olanilit, askeds, in 1839, by 195 popil; and it grammas, which have conditioned to the provided scorer to the government, will it must be breast in sind, in the special schools, or the provided scorer to the government, will it must be breast in sind, in the special schools, or the control of the provided scorer to the government, will be supposed to the provided score to the government, will be supposed to the provided score to the government, will be supposed to the provided score to the government, will be supposed to the provided score to the government, will be supposed to the provided score to the government, will be supposed to the provided score to the government, will be supposed to the provided score to the government, and the supposed score to the sup

250 ava vacation and 380 20' N., isthmus of Corinth, between lat. 360 15' and 380 20' N., sethmus of Corinth, between lat. 30° 10′ and 38° 20′ N., and long. 21° 9′ and 23° 30′ E.; area estimated by Thiersch at 8,000 sq. m. Pop., in 1836, about 380,000. It is said to derive its modern name from the resemblance that it bears to a mulberry leat; and its coast, which is deeply indented with guiphs and inlets, has numerous headlands, the chief of which are Cape Skyllo, eastward; Capes Matapan, Gallo, and St. Angelo, southward, and Cape Tornese westward. Its surface is extremely diversified, but may be generally described as a lofty table-land, traversed by a main ridge connected northward with the chain of N. Greece, and running southward to Cape Matapan, its culminating point (Mount Taygetus) rising 5,115 ft. above the sea. Three branches detach themselves from the main range; one running estward into may be generally described as a lofty table-land, traversed by a main ridge connected northward with the chain of N. Greece, and running southward to Cape Matapan, its culminating point (Mount Taygetus) rising 5,115 ft. above the sea. Three branches detach themselves from the main range; one running eastward into the peninsula of Argolia, and another, Mount Malero (an. Person), running S.S.E., skriting the shore of the Ægsen Sea; while a third, known in different parts by the different names of Cyllene, Erymanthus, and Olenos, takes a westerly course to Cape Torness. Many of these mountains attain a height of 4,000 ft.: their geological constitution is of limestone lying on clay-slate, interspersed in a few places by primitive rocks; and their sides are, with a few exceptions, plentifully clothed with pines, firs, oaks, and other deciduous trees. The plains are of no great extent; the largest are those of Tripolizas in Arcadia, of Nisi in Messenia, and off Gastuni in Elis. Numerous rivers and streams run from the mountain-regions in all directions; the Rouphia (Alphesus) is by far the largest, having a general N.W. course of more than 70 m., and, with list tributaries, the Ladon and Erymanthus, draining nearly 1-3d of the entire peninsula. Next in size is the Gastuni (an. Pencius), rising on Mount Erymanthus, and flowing, as well as the last-mentioned, into the Gulph of Kolokythia: the other streams are mere mountain torrents, rapid in winter, but dried up in summer. Embosomed in the mountain sere several lakes; but none deserves any particular mention except Zaraka (the ancient Symphatus), which has two remarkable katasvohra, or subterraneous caverns, to which its waters are almost confined during summer, and by which it was formerly supposed to connect itself with the little river Erasinus, failing into the Gulph of Nouphla near the Lernean Lake, now little more than a reedy marsh. (See Herod. vi. 76). The atmosphere of the Morea is generally pure, and the climate in surface and supplies of the surface of the

MORLAIX.

highly esteemed all over Greece. Corn is raised in the irrigated parts of Arcadia; but the greater part of that central district is employed for pasturage. Agriculture, owing to the long-continued insecurity of property, the oppressions under which the peasantry have laboured, and to the obstinate adherence of the farmers to old and imperfect methods of husbandry, is in a most degraded state. Thiersch and Burgess, however, report a marked improvement in the condition of the rural pop, within the last few years. Land used formerly to be let on the metayer system; the proprietor being at all expenses, and receiving two thirds of the crop, clear of tax; but since Greece has been separated from Turkey, nearly nine tenths of the land has fallen into the hands of government, which offers it for tilliage to any one who

let on the métayer system; the proprietor being at all expenses, and receiving two thirds of the crop, clear of ax; but since Greece has been separated from Turkey, nearly nine tenths of the land has fallen into the hands of government, which offers it for tillage to any one who will agree to pay a quarter part of the produce for reat: the remaining tenth part of the land belongs to individuals, chiefly small proprietors, and is charged with a tax of one tenth of its produce, and the additional burden of obliging the labouring peasant to bring his tithe in kind from a great distance to the town in which it is collected. (Burgess's Greece and Levant, i 131.) The annual produce of corn was, a few years back, estimated by Col. Leake at 200,000 kilos of 23 okes (each oke=55% lbs.). The flora and fauma of the peninsula differ in few respects from those of N. Greece.

The manufactures of the Morea are unimportant in amount, but comprise coarse cotton and woolien goods, slik fabrics, leather, and sait. The export trade consists their of wine, oil, currants, rice, fruit, and wool; its chief ports being Nauplia, Patras, Corinth, and Navarin. The Morea, which under the Turks was divided into the 3 sandjake of Tripolizsa and Mistra, is now distributed into the 5 nomes of Argolis and Corinth, Archala and Ells, Arcadia, Messenia, and Laconia, these being again subdivided into 35 eparchies. Tripolizsa was the cap, under the Turks, but recently it has greatly decayed; Nauplia, the modern cap, has about 10,000 inhabitants. The other principal townspare Patras (7,000), Modon (6,000), Corinth (8,000), and Koron (4,000).

The most interesting features, however, to the classical traveller are the remains of many ancient cities, existing in the palmy days of Greckan glory. Among the principal are three mentioned by Homer (II. iv. 51.) Sparta is to be traced only in its ruins; but the beauty of the polenomesus, which before it received that momentary in the plants of the singular control of the plants of the singular control of the with the rest of theece, renained unter their despotes sway till 1821, when its inhabitants joined in the general struggle for that independence, which, at length, after eight years of anarchy and bloodshed, was established by the treaty of Adrianople in 1829. (Lenk's Mores, 3 wols., passin ; Hughes' Greece and Athenia, 1.157—255.; Burgeas's Greece and Levant, 1.199—265.; Dict.

235.; Burges's Greece and Levans, I. 199—230.; Leves. Géog. &c.).
MORLAIX, an ancient town and sea-port of France, dep. Finisterre, 33 m. E. N.E. Brest, and 238 m. W. by S. Paris; lat. 470 35' N., loug. 3' 53' W. Pop., in 1846, ez. come, 9.981, it is situated at the foot of 2 hills, and at the confluence of 2 small rivers, forming a considerable setuary and commodious harbour for vessels of 400 tons burden. At the bottom of the harbour stands a

well-fortified eastle; and hills covered with gardens, formed into terraces, rise immediately above the town, the principal street of which runs parallel with the quays. The principal square (built on arches over the river) comprises many good modern houses, with a very large town-hall, porthoned out into government-offices, and a public library. There are 2 large churches, one an elegant Gothic structure, with a fine tower. A large tobacco manufactory of modern construction, smploying between 200 and 400 workmen, a hospital, school of narigation, theestre, and 2 hotels, are the other chief buildings. Morlaix is the seat of a subprefect, of a tribunal of primary jurisdiction on commerce, and of a sected to become and linen cloth; and it enjoys a considerable trade in butter, corn, tallow, honey, and wax.

Morlaix lays claim to considerable antiquity, and was already an important town when taken by the English, near the close of the l4th century. During the two succeeding consuries it suffered greatly from the rayages of civil war.

civil war.

MOROCCO (EMPIRE OF), (Arab. Moghrib-ul.-Acis.,

"the extreme West,") a tract of country in the N.W. of
Africa, between the 36th and 36th degs. of N. lat., and
the 3d and 18th degs. of W. long., comprising the Mauritients Tingtisms of the nucleus. It is bounded N. by the
Mediterraneen Sea and the straits of Gibrattar, E. by the
Atlas range, which separates it from the Algerine territory and Bised-ul-Jord, S. by the river Akassa, and
Sahara desert, and W. by the Atlantic Ocean. Length
of coast-line along the Mediterranean, 250 m; ditto,
along the Atlantic Ocean, 600 m; estimated area, 219,300,
aq. m., distributed into 4 kingdoms, the area and pop. of
which are estimated as under:—

Kingdoms.	Pro-	Area in eq. m.	Population.	Chief Towns.
Pes - Merecco State - Taillet -	7 7 2 8	88,657 51,380 28,656 50,697	3,800,000 5,600,000 700,600 1,000,000	Fez, Tangier, Mequinez Morocco, Mogador Agadir.
Total of	emptre	219,390	5,500,000	

Of the above population Graberg von Hemső szazes that 3,550,000 are Moors, 3,750,000 Berébers, and Shel-lochs (chiefy devoted to agricultural and pastoral pur-suits), 74,000 Bedouin Arabs, 325,500 Jews, 120,000 ne-groes, and 500 Christians and renegades.

groes, and 500 Christians and renegades.

Surface, &c.—Morocco is mostly bounded on the E. by the stupendous chain of the high Atlas, which commences with Mount Bemi-Ammer, S. of the desert of Augad, on the Algerine frontier, and extends S. as far as Capes Geer and Nun. The most elevated parts of the range occur between 30° and 33° lat.: the highest polat, Mount Hentet, was estimated by Mr. Jackson at about 29,600 ft., but this is no doubt a gross exaggeration. Captain Washington measured a point called Miltsin, in lat 319 12° N., and long, 7° 20° W., which be found to be 11,400 ft. above the sea, and this was the highest in the S. portion of the chain. It is probable, however, that the highest summits will be found more to the N. in the prov. of Tedla: but their height, which has never been highest summits will be found more to the N. in the prov. of Tedla; but their height, which has never been ascertained by measurement, cannot much exceed 13,600 ft. (See Geog. Journ. 1. p. 140.) A subordinate range, sometimes called the little Atlas, branches N.N.W. and N.W. towards Centa, C. Spariel, &c.; and other chains, either continuous or detached, are thinly sprinkled over the country S. of Fez and Mequinez. The geological constitution of these mountains is grantite in the central ridges, on which are superimposed secondary and even tertiary formations in the less elevated parts of the chain. Silver, iron, and lead mines are wrought to some little ex-Silver, iron, and lead mines are wrought to some unite ex-tent. Mineral salt is found in great abundance throughout Morocco, and is a considerable article of export to Soudan. Morocco, and is a considerable article of export to Soudan. But notwithstanding the gigantic mountains by which it is in part bounded and in part overspread, Morocco has a large extent of comparatively level land. Some of the plains and valleys are of great extent, and extraordinary fertility, especially those of Shawiya, Temsena, Ducilia, and Terara between Fez and Morocco. The principal rivers are, i. the Sebu, rising by several source on the W. side of the Atlas range, falling into the Atlantic, close to Meheylla, having a probable leusth of lantic, close to Mehedia, having a probable length of 260 m.; 2, the Wad-Oom-er-Heg, rising by 2 principal branches in the high Atlas, and flowing W. and W. N. W. branches in the high Atlas, and flowing W. and W. N. W. to its mouth at Azamor, after a course of about 300 m.; and 3. the Wad-Tenensit, rising about 40 n. E. of Morocco, takes a general course W. by N. to lat. 32? 7' N., and long. 9° 19' W., where it falls into the Atlantic ocean. The climate of the country is healthy and genial; the heat is less intense than might be expected from its geographical position, and epidemies are of rare occurrence. The thermometer, even in the hottest scason, except during the occasional prevalence of hot winds from the desert, seldom exceeds 29° Reaum. (94° Fahr.); the barometer averages throughout the year 28°30 inches;

and the annual fall of rain (chiefly confined to October and November), as calculated on a series of years, amounts to 29 inches. (G. son Hemső, p. 28.) These observations, however, apply chiefly to the N. and W. portions of the empire, or E. of the Atlas range, the heat is intense, and rain seidom falls. The soil is now, as an antiquity, proverbial for its fertility. Mela says of it, Ceterum solo ctiam ditior et adeo fertilis est, us fragus genera son come seranter modo benignissimé procrect; sed quedam profundat etiam non sata. (Lib. iii. cap. 10.) In some favoured spots three crops of corn are reaped in the same year: the soil in many parts is purely allurial, and in others of clay, sand, and loam, mingled in the most advantageous proportions. (G. son Hemső, 29, 30.)

cap. 10.) In some favoured spots three crops of corn are reaped in the same year: the soil in many parts is purely alluvial, and in others of clay, sand, and loam, mingled in the most advantageous proportions. (G. con Messol, 29, 20.)

Agriculture, however, owing, perhaps, to the extreme fertility of the land, which produces inxuriant crops, with tittle care or attention, is in the most backward state: fallows and rotations of crops are wholly unknown: indeed, the system of culture has remained almost unchanged since the invasion of the Arabs in the 11th century; and it consists of little more, generally speaking, than grubbing up and burning the weeds before the autumnal rains, and afterwards ploughing the land about 6 inches deep, with a machine of the most simple description, drawn by a helfer or ass, and in the 5, provinces by a camel. Except in the gardens, the Moors never think of using manure or other means of assisting the soil, and consequently, the land near the towns is more imporeriabed than in less populous districts, where, from the abundance of unemployed land, it is allowed to remain in fallow 3 or 3 years, and in the mean time other parts are brought under the plough. The whest is white, transparent, almost without husk, having a large and exceedingly hard grain, producing-a sour superior in fineness and colour to that of the most many and the superior in fineness and colour to that of the most many and the superior in the superi

discouraged from taking any pains further than to supply his own or his neighbour's wants. The wild animals comprise dogs, hyenas, lions, ounces, panthers, lynxes, gazelles, boars, and different varieties of game; the principal birds being ostriches, storks, qualis, snipes, ducks, &c. Fish of many varieties are found in most of the rivers; bees, wasps, and mosquitoes swarm throughout the country, and locusts of large size commit fearful ravages, occasionally devouring every green leaf, and leaving the ground over which they have passed absolutely barren.

Manufactures and Trade are confined within very

ravages, occasionally devouring every green leaf, and leaving the ground over which they have passed absolutely barren.

Manufactures and Trade are confined within very narrow limits. Except in the principal towns, where the houses are large and square, with a central court and flat roof similar to those of Algiers, the people live almost universally in huts or moveable tents; comparatively destitute of furniture and accommodation. Every woman understands the art of spinning wool or cotton, and the men weave it into cloth. Domestic labour, in short, which is almost wholly performed by women, supplies the principal wants of the inhabs. Tanning appears to be almost the only exception: leather is made in great quantities all over the empire, but especially in the large towns, that of Fes being red, while that of Tafielt and Morocco is respectively green and yellow. About 250,000 dozens of goat-skins are annually exported. The red caps, silk fabrics and girdles of Fes are highly esteemed; carpets, chip-baskets, and carthenware are manufactured in different provs., and in the principal towns may be found skillui sadlers, carpenters, locksmiths, and farriers.

The Commerce of Morocco is carried on, 1. with Europe; 2 with the Levant; and 3. with the interior of Africa. The exports of Europe comprise about 2,500 ext. of wax (chiefly to Marseilles, Leghorn, Cadix, and Lisbon), 1,500 cst. cow-hides, 160,000 dozens goat-skins, 2,800 ext. of the only of manufactured and colonial goods, smount only to 750,000 plastres a year. The tariff is regulated by the whim of the sultan, and prohibitions and duties vary at every port. European reveals and 158,400c, the exports at 121,360c.; and in the same year 64 European ships, of 3,870 tons, arrived at, and 98 ships, of 5,820 tons, departed from, the different ports of the empire. (Gräberg von Hemsö, p. 157.)

different ports of the empire. (Gräberg von Hemsb., 157.)

The trade with the Levant is carried on partly by pediars, accompanying the pilgrim caravan to Mecca, and partly, also, by feluccas coasting the shores of Africa as far as Alexandria. The communication with the interior of Africa is effected by caravans proceeding from Tafilelt, and crossing the Sahara desert to Timbuctoo, in the manner described in the art. Arrica (1. 31.), where the traders exchange salt, tobacco, cloth, caps, girdles, Turkish daggers, &c., for gold-dust, lvory, rhinoceros horns, assafertida, ostrich feathers, and slaves. Their profits would seem to be immense; since, for 1,000,000 plastres, the value of goods exported, the returns amount at least to 10,000,000 plastres (G. von H. p. 146.); but a great part of this excess is swalsom H. p. 146.); but a great part of this excess is swal-lowed up by the expense of the conveyance of the goods across the desert and back again. Interest on money is across the desert and oach again. Interest on inoneys forbidden by law, but, notwithstanding, the Jews and others exact sums varying from 7 to 12 per cent. a month, on the security of merchandise. Paper money and bills of exchange are wholly unknown; nor is there any communication by post, for the purpose of facilitating commercial intercourse.

commercial intercourse.

Goscramcui, Revenue, &c. — The government of Morocco is a pure despotism, the sultan being the head both of church and state, and the arbiter over the property and lives of his subjects; his chief title is Emir-al-Mussicaiiii. There are not here, as in Turkey, an ulema, the depositary of the national religion, or a mufti, the head of the law, who possess privileges independent of the sovereign, and may interfere to check his determinations. There is not even a council or divan which he is expected to consult. He has no regular ministers: all is done by his single command, and no subject is supposed to have either life or property but at his disposal. The sultans would appear to consider an adherence to their engagements as an unconstitutional check on their power. nents as an unconstitutional check on their power.

Takest thou me for an infidel," said one of them to a "Takest thou me for an infidel," said one of them to a foreigner, "that I must be the slave of my word? Is it not in my power to say and unsay whenever I shall please?" (Chester's Morocco, 1. 206. Eng. trans.) But, after all, there are here, as in all countries, certain rights which the monarchs dare not touch, and certain duties they must discharge. The suitan cannot safely invade the domestic privacy of his subjects, nor shock any of those customs to which long establishment has given the force of law. He is expected also to give

public audience four times a week, when he administers justice to all, even the poorest. Yet prudent persons usually think it more eligible to acquience in the sen-tence of the cadi, than to afford to the sultan any insight tence of the cadl, than to afford to the sultan any insight into their private affairs, of which he might afterwards make a not very agreeable use. On these occasions the sovereign appears on horseback, with an umbrella held over his head over his head.

over his head.

The crown is hereditary, descending to males only, but without the right of primogeniture; and hence it is not unusual for strife and civil war to arise among the children of a deceased sultan. The government has requently, also, been overthrown by private or public treason. And hence, probably, has arisen the jealous and feroclous character by which the rulers of Morocco have been especially distinguished. Muley Ishmael, who ascended the throne in 1672, a bloodthirsty monster, though not without ability, introduced the system, since kept up, of employing a guard of negro mercenaries, on whose fidelity more reliance may be placed than on that of the Moors.

The most important state officers are the Mula etect.

whose fidelity more reliance may be placed than on that of the Moors.

The most important state officers are the Mula et-tei, or tea-taster, usually the sultan's favourite, and the Mula-et-teaserid, or steward of the sultan's household. The sultan sits in public, as already stated, four times a week, to administer justice. The koran is here, so elsewhere in the Mohammedan world, the textbook of justice, and decrees are usually executed immediately after they have been pronounced. For the purposes of civil and military government, Morocco is divided into twenty-eight prefectures, some of which extend over large tracts of country, though others are confined to a single town. The chief provincial officers are the kaids or prefects, who, although removable by the sultan, are despotic governors and commanders of the military forces within their districts. The agricultural tribes have also their respective shelks; but these are commonly subject to the Moorish governors. The revenue of Morocco in 1822 amounted to 2,600,000 plastres; of which, nearly a half is derived from duties on land, houses, shops, mills, &c., and about a fifth from imported goods. The expenditure of the same year, chiefly for the maintenance of the army and the sultan's household, was only 990,000 plastres; and the yearly surplus goes to enrich the sultan's treasury at Mequines. (G. con H. p. 222.) The regular army does not exceed (6,000 men; of whom, as already stated, fully a half are negroes. The sultan's body-guard comprises about 3,000 infantry, and 2,000 cavalry. The Moors are good horsemen, and endure hunger, thirst, fatigue, and every inconvenience. They might therefore make excelient soldiers if they were properly maneeuvred and exercise di, but they are Ignorant of every part of discipline execpt submission to their superiors. Their standard is the counted men and Masegan. The navy of the empire is quite inconsiderable, comprising only 3 brigs, mounting 40 cannons, and Masegan. The navy of the empire is quite inconsiderable, comprising The most important state officers are the Mula et-tei,

classes of Moors, Arabs, Berbers or Berebers, Shellochs, Jews, and Negroes. The Moors are a mixed race, the descendants of the ancient Mauritanians, intermixed with Jews, and Negroes. The Moors are a mixed race, the descendants of the ancient Mauritanians, intermixed with their Arab conquerors, and with the remains of the Vandals, who once ruled over the country; and, with the Moors, expelled from Spain, in the 15th century; but these varieties have been long since obliterated, and the Moors are now moulded into a distinct, peculiar people. They principally inhabit the villages and cities. Their language, called the Occidental Arabic, contains, as might be expected, many words borrowed from the language of the Berebers and Shellochs, and imported from Spain. The Arabs, as distinguished from the Moors, principally inhabit the plains, where, like their ancestors, they mostly lead a wandering life, and follow pastoral pursuits. They occupy dusruors, or moveable villages, composed of tents; and whenever the pastures in the vicinity are exhausted, or the increase of fleas and vermin render the tents uninhabitable, they are struck; and placing them, their effects, and children, on panniers on the backs of camels, they set out in search of some other quarter in which to settle. Their women are not confined; but being subjected to hard labour, tanned by the sun, and sometimes even yoked in the plough with domestic animals, these habits of hardihood, with the loss of all traces of beauty, prove more effectual securities against inrigues than the bolts and bars used in the cities. The mountainous portion of the country is occupied by the Berebers and Shellochs, probably the aboriginal inhabitants of the country. The Berebers, who principally inhabit the country of the lesser Atlas, adjoining the Mediterranean, are nearly white, we'll formed, of middle size, and athletic; they live mostly in huts of stone and mud, but sometimes, like the Arabs, in tents, and sometimes in caves; they are principally engaged in hunting and pastoral occupations. The Shellochs, who inhabit both iddes of the greater Atlas, are less robust than the Berebers, but they are more advanced in civilisation, being principally agriculturists and artisans, and occupying comparatively good houses. A great discrepancy of opinion has been entertained as to whether the languages of those people be radically different, or merely different dialects of the same language; the latter opinion, though accompanied by several difficulties, seems to be, on the whole, the most probable. t probable.

The Berebers and Shellochs are sometimes called smassrghis, or freemen, a designation to which they have a not ill-founded claim. They have never, in fact, been fully subjected to the Moorish government; they often break out into rebellion; and have carried their arms to the gates of Morocco. Their internal government has even somewhat of a republican form, and they are well trained to the use of arms. The Jews, who are numerous, particularly in the cities, carry on all the mercantile and money transactions; they also act as interpreters, and perform, in the cities, the functions of servants, porters, scavengers, &c. Every species of on-The Berebers and Shellochs are sometimes called the mercantile and money transactions; they also act as interpreters, and perform, in the cities, the functions of servants, porters, scavengers, &c. Every species of oppression and contempt, however, is heaped upon them. They are not allowed to mount on horseback, nor to sit before a Moor with their legs crossed. The meanest Moors may insuit or maitreat them in the streets, or enter their synagogues for the purpose. They must not read or write Arabic, which being the language of the Koran, is too holy for them! A worse evil is, that when the emperor, or men in power, happen to be in want of money, they hesitate not to relieve themselves by stripping the Jews of large portions of their wealth, however carefully it may be concealed.

The negroes, who are not very numerous, are imported from Soudan. Sometimes, however, they obtain their liberty; and, as already stated, the emperor has thought fit to select them for his body guard. (The learned and excellent observations of Shaw, as to the different classes of people in Algiers, may be applied, with little modification, to Morocco. See his Traseds, passim.)

Religious and Education.—The prevailing religion is Mohammedanism, and nowhere are its tenets and observances more rigidly enforced. The Jews are universally despised, nor are Christians allowed to reside any where except in Tangiers, Mogadore, El-Araitch, and Tetuan. There is a Franciscan convent in Tangiers, heigh the only Christian establishment throughout Morocco.

The descation of the Moors is, at present, greatly in-

rocco.

The refuscation of the Moors is, at present, greatly inferior to that of their forefathers in the Middle Ages, and is almost exclusively confined to learning the Koran by rote, reading, and writing. At the high school of Yez, however, more aspiring students may receive a sort of instruction in grammar, geometry, and the mixed sciences, logic, rhetoric, medicine, and theology. The art of printing is unknown, so that great numbers of persons are employed, in all parts of the empire, copying the Koran, &c. Arts and sciences are in the most barbarous state; the literature, and history of foreign countries are wholly unknown; and their only musical instruments are a rude pipe, and more barbarous drum.

countries are wholly unknown; and their only musical instruments are a rude pipe, and more barbarous drum. Manseers and Castoms.— The Moors are generally a fine-looking race of men, of middle stature, and somewhat inclining to corpulence, owing, probably, to their inactive life. The women are pretty when young, blacken their eye-lashes and eye-brows, and stain the tips of their fingers with 'hcmaa. The dress of the country is picturesque and graceful, comprising a shirt with large sleeves, ample drawers of white linen, a kuffan, or waistcoat, of yellow or blue cloth, a silk sash, kuffak, or waistcoat, of yellow or blue cloth, a silk sash, kuffak, or mantle, and slippers, or boots, of yellow leather. Women, however, wear red shoes. The Jews are not allowed to wear colours, and a black cap, with slippers of the same colour, marks their degradation. The usual food throughout the country is a dish, called kuscasi, composed of mutton or fowls, stewed with vegetables, and served up in large earthenware pans, accompanied room throughout the country is a clins, called *uscasis, composed of mutton or fowls, stewed with vegetables, and served up in large earthenware pans, accompanied with a savory kind of sauce. Coffee is not used; but tea is a general beverage, always presented to visiters, and highly esteemed by all classes. The Moors do not smoke to-bacco, but take large quantities of snuff, and occasionally smoke the hemp-plant, which seems to partake of the intoxicating qualities of opium: a confection is also made from the hemp-seed, possessed of the same qualities, and to the use of this the natives are much addicted. The disting: by the natives are much addicted. The disting: by the natives are much addicted. The disting: hing features of the Moorish character are, a love of lidleness, apathy, pride, ignorance, bigotry, and the grossest sensuality. The cities present the same gloomy aspect as in other Moorish states—that of strict seclusion, particularly of the female sex, while habits of gravity and silence prevail among the men, who meet only in the public coffee-houses. Unluckily, their high national pride, and contempt for all other people, is not combined with any sentiments of individual honour. They are not, however, wholly destitute

of good qualities, among which may be mentioned their hospitality, and fortitude under misfortune: Allah.Ird, "God willed it," is their consolation in trouble. They "God willed it," is their consolation in trouble. They are, also, healthy and long-lived, which could hardly have been expected, considering their habits. The climate is unquestionably good: but leprosy, ophthalmia, hydrocele, and syphilis, originating, most probably, in filthy habits, are not uncommon. Their medicines consist only of a few herbs, and their surgery is such as might be expected among a people without science or arts. The plague visits them about once in 20 years, and carries off thousands of the population. (Grog. Journ., i. 146.)

carries off thousands of the population. (Geog. Journ., 1. 145.)

History. — Morocco, anciently called Mauritania, was inhabited, under the Romans, by a hardy no-madic race, who were never thoroughly subdued by that nation. Early in the 7th century, the country yielded to the Saracons, whose different dynastics disputed for its possession nearly 300 years. At length, in the 11th century, a chief of Leptuma, having acquired so high a reputation for sanctity as to cause all the neighbouring tribes to flock to his standard, overturned the existing government, and extended his dominion all over N. Africa. His son, Joseph Ben-Tessisin, extended the empire by the addition of Fez and the S. provs. of Spain. In 1149, however, another revolution took place, and the Morabites were succeeded by the Almohades, who, in their turn, yielded the empire to more successful adventurers. In this state of anarchy the country remained till the middle of the 16th century, when Mohammed-Ben-Achmet, a scheriff and descendant of the Prophet, ascended the throne, which his posterity has ever since continued to occupy. (Jackson's Travels in Africa; Beauclerk's Journey, to Morocco; Sir A. C. Broke's Spain and Morocco, 1; Coent Gräberg won Hemso, Storia di Marocco; Geog. Journ. 1.)

Mosacoc, Italy Sarva sand Morocco, 1; Coent Gräberg won Hemso, Storia di Marocco; Geog. Journ. 1.)

Mosacoc, Italy Sarva sand Morocco, 1; Coent Gräberg won Hemso, Storia di Marocco; Geog. Journ. 1.)

Mosacoc, Italy Sarva sand Morocco, 1; Coent Gräberg won Hemso, Storia di Marocco; Geog. Journ. 1.)

Mosacoc, Italy Sarva sand sout the N. S. from the river the population really exceeds 50,000, or at most 60,000.

the population really exceeds 50,000, or at most 60,000. It is beautifully situated about 4 m. S. from the river Tensift, on a plain elevated 1,450 feet above the sea, and is surrounded by a strong wall of lime and mud 30 ft. high and 6 m. in circuit, with square turrets at intervals of 50 paces; but the enclosed area, as in many African and Asiatic cities, comprises, besides bouses and streets, many large gardens and open spaces from 20 to 30 acres in extent. The whole town, with slight exceptions, is in bad repair, many parts are in ruins, and it is everywhere fifthy in the extreme. It is entered by 11 strong double gates; to the only one worth notice is the Beb-cl.Rom, a Moorish horse-shoe arch, richly sculptured with Arabeque work. Extensive under-ground aqueducts, 10 or 12 feet deep, surround the walls, and reach across the plain to the foot of Atlas; at present, however, they are mostly in ruins. The houses in the habitable part of the town, a few of which are of stone, but the greater number of mud and lime, are, generally speaking, small, and inostly in rulins. The houses in the babitable part of the town, a few of which are of stone, but the greater number of mud and lime, are, generally speaking, small, and only one story high, with central courts and flat roofs, the sides fronting the streets being plain and whitewashed, with here and there a narrow opening, unglazed, and scarcely deserving the name of a window. Their interior disposition greatly resembles that of Spanish houses, —the doors are of carved cypress wood, the rooms long and narrow, with scarcely any furniture except a few mats, carpets, and cushions. Most of them, however, being old and in decay, swarm with vermin, especially bugs, scorpions, and snakes. The streets, which are unpaved, are frequently so narrow and crooked, that a horse can with difficulty pass through them; and they are in parts so heaved up with accumulations of filth, that the floors of the houses are some feet below the pathway. (Reasclerk's Morocco, p. 140.) These inconveniences are further increased by numerous low cross arches and gateways that connect the opposite houses. The city contains several public squares: but, like the streets, they are unpaved, and consequently very dirty when it rains, and covered with dust in dry weather. The sultan's palace stands on the S. side of the city, outside the main wall, but is itself enclosed within walls of equal strength. Its precincts consist of a large oblong space about 1,500 wids. in lensth and 600 in width, divided into squares and but is itself enclosed within walls of equal strength. Its precincts consist of a large oblong space about 1,500 yds. in length and 600 in width, divided into squares and laid out in gardens, round which are several detached parlions about 40 ft. square, forming the imperial residence. These have pyramidal roofs covered with glazed tiles, and lighted from 4 lofty and spacious doors, which are opened according to the position of the sun, the floors being tesselated with variously coloured tiles, and the interior statistical in the Arabeans stile and consequents with terior painted in the Arabesque style, and ornamented with square compartments containing passages from the Koran, written in a sort of Arabic short-hand. The luxury and convenience of tables, chairs, and curtains are nuknown, and even the rooms occupied by the sultan are furnished

* All Bey estimated the pop. at only 30,000, while Jackson, by an

only with a few mats, carpets, cushions, some china and tea equipage, a clock, and arms hung round the walls. The grand pavilion in the middle of the gardens is appropriated to the women: it is a spacious building fitted up in the same simple style as the rest. Near the palace, on the E. side of the enclosure, is the m'shoar, or Place of Audience, an extensive quadrangle, walled in, but open to the sky, in which the sultan gives audience to his subjects hears their compaints and administers. but open to the sky, in which the sultan gives audience to his subjects, hears their complaints, and administers justice. Attached to the palace, also, are 3 gardens, each about 15 acres in extent. In two of these the foreign merchants are allowed to pitch their tents when they visit the sultan, and the third, called Jenán et 4fgs. "the Garden of Prosperity," is destined for the use of the sultanas. The city has many sanctuaries and mosques; one of these, called El Kontabía, is conspicuous above all by a source tower. 221 th. high, divided line, seven stories, and of these, called El Kontabia, is conspicuous above all by a square tower, 221 ft. high, divided into seven stories, and surmounted by a small lantern. The mosque, Beni-Yusef, next in height and age, has an attached college and a saint's tomb, with a cupola delicately wrought in Saracenic tracery. El Moazin, also, said to be the most ancient mosque in the city, is of great size, comprising several courts opening into each other, and intersected in various directions by highly sculptured horse-shoe arches. Its gates are said to be those of Seville, brought thence by the triumphant Al-Manzor. The mosque of Bel Abbas, the patron saint of Morocco, is built in the shape of a pavilion, aurmounted by a cupola covered with green varnished tiles. Attached to it is an immense hospital, said to have accommodation for 1,500 patients. Near the S. wall of the city is the Madress det Emshia, a college and mosque, in which are the sepulchres of the sultans of the mosque, in which are the sepulchres of the sultans of the Moluc Saidia dynasty, once adorned with statues and busts, now defaced.

Moluc Saidia dynasty, once adorned with statues and busts, now defaced.

Morocco, like most 'other Moorish towns, comprises numerous fountains, several of which have traces of delicate sculpture; and one close to the mosque El. Moazin has a cornice of white marble, still exhibiting the remains of former beauty. Outside the walls are several large cemeteries, one of which, on the E. side is supwards of 100 acres in extent: war, plague and famine, to which the town owes its present decay, have caused them to be thickly tenanted. In the N. part of the town is the Kaissaria, or bazaar, a long range of shops, or rather stalls, covered in from the weather, divided into compartments, and serving as a general lounge for all classes of the inhabs. Here are exposed for sale silk scaris, shawls, and handkerchiefs from Fer; carpets and various articles of dress from Duquella; cloth, linen, hardware, tea and sugar from England; almonds and raisius, hemna and pure spirit from Suse; corn, beans, &c., from Shragna; dates from Tafilet; and an abundance of boots, slippers, saddles, earthenware, mats and cord, with gold and silver embroidery, in making which the linhabs, particularly excel. A large market is held every Thursday, near the N. gate of the city, and is well supplied with home-manufactures: outside the gate, also, is the market for camels, horses, mules, horsed-cattle, sheep, &c.; but the display is very indifferent. The tamning of leather is the most important branch of industry in Morocco; and Captain Washington visited one tanyard, which alone employed 1,500 persons. The establishment was extremely defective in order and arrangement; but, in spite of dirt and slovenliness, a bright yellow colour is produced, that has not been successfully imitated in Europe. (Geog. Journ., I. 189.)

The Mitah, or Jews' quarter, is a walled inclosure about 1½ m. in circuit, at the S.E. angle of the city, very densely peopled, and dirtier even than the parts inhabited by the Moors. The Jews pay a capitation-tax to the sulphy, and the Morocco, like most other Moorish towns, comprises numerous fountains, several of which have traces of

MOSCOW, else than a desert; the ruins of houses heaped one upon another serve to harbour thieves and desperadoes of all sorts. Nothing but the wretched government of Morocco could have made so great a city so miserable and so deserted. (Geog. Jossyn., vol.1.; Beasclerk's Jossyny of Morocco; Chesier's Hist. of Morocco, i. 56—63.; Jackson's Morocco, p. 121—124.)

MORON, a town of Spain, in Andalusia, prov. Serille, on a plain near the foot of a lofty hill, 28 m. S.E. Serille, and 60 m. W.S.W. Cordova. Pop., according to Mifano, 7,894. It has some well-built houses, a parchurch, and 2 hospitals. Its inhab. are almost wholly agricultural, and nearly all the oil used in Seville is raised in the neighbourhood. The existence of Roman inscriptions and other antiquities has induced some authors to identify Moron with the ancient Javanci.

MORPETH, a mun, and parl. bor., market-town and

church, and 2 hospitais. Its inhab are aimost wnoiry agricultural, and nearly all the oil used in Seville is raised in the neighbourhood. The existence of Roman inscriptions and other antiquities has induced some authors to identify Moron with the ancient Arwsot.

MORPETH, a mun. and parl. bor., market-town and par. of England, co. Northumberland, ward of its own name, on the N. bank of the Wansbeck, croased here by 2 bridges, 144 m. N. by W. Newcastle. Pop. of parl. bor. (which includes the par. of Morpeth, except one detached township, together with the par. of Bedlington). In 1841, 7,160. The town, which is pretty well built, though badly paved, and not lighted, consist principally of 2 streets, at the junction of which is the market-place, with a high square clock-tower, containing a chime of bells. A town-house, a stone structure fronted by a colonnade, and decorated with turrets at the angles, was erected in 1714, at the expense of Lord Carillae, for the manorial courts, quarter sessions, local business, &c. The co. gaol, and house of correction, is an extensive and commodious pile erected in 1829 on the S. side of the river. The par. church, a piain brick building, is on Kirkshill, § m. S. the town; the living being a rectory in the gift of Earl Carilale. There is also a chapel of ease. The Rom. Catholics, Presbyterians, and Wesleyan Methodists, have their respective places of worship. to which, and the church, are attached Sunday, schools. A slenderly endowed grammar-school was founded here by Edward VI. An English freeschool, and infant schools, are supported by the corporation, and there are 2 subscription schools for boys and girls. The other establishments of the town comprise a Frovident club, dispensary, mechanics' institute, subscription library, and some minor charities. Morpeth has undergone little change in its condition during the last by years: no buildings are in course of erection, and in 1836 there were 115 uninhabited houses. A small woollen manufactory, iron-foundry, and 2 or 3 steam co

an emhence on the N. side of the river, is occupied by the kremlin, or citadel, containing the paize of the cars, with cathedrals, monasteries, squares, &c., built at different epochs, and in the most incongruous styles of architecture. The other quarters of the city lie round this central nucleus, increasing in magnitude according as they diverge from it. On the outside of all are the slobedes, or suburbs. The Moskva, which has a very tortuous course through the city, is crossed by various bridges, some of stone, but the greater number of wood-

MOSCOW.

Previously to the confingration of 1813, which destroyd two thirds of the city, Moscow presented the most extraordinary contrasts—palaces alternating with buts, Asiatic with European buildings, and open fields and gardens with crowded streets. "If I was struck with the irregularity of smolenak," says Mr. Coxe, "I was all astoniament at the inassensity and variety of Moscow; a city to irregular, so uncommon, so extraordinary, and so contrasted, never before claimed my attention. The streets are in general exceedingly long and broad: some are paved; others, particularly those in the suburbs, formed with trunks of trees, or boarded with plants like the floor of a room; wretched hovels are blended with large palaces; cottages of one story stand next to the most stately manisions. Many brick structures are covered with wooden tops; some of the timber houses are planted; others have iron doors and roofs. Numerous churches present themselves in every quarter, built in the Oriental style of architecture; some with domes of copper, others of tin, gilt or patinted. quarter, built in the Oriental style of architecture; some with domes of copper, others of tin, gilt or painted green, and many roofed with wood. In a word, some parts of this vast city have the appearance of a sequestered desert, other quarters of a populous town; some of a contemptible village, others of a great capital."

(Travets in the North, 1. 283.; see also Clarke, 1. 69. 8vo.

of a contemptible village, others of a great capital.

(Travels is the North, 1. 233.; see also Clarke, 1. 60. 8vo. edit.)

There is no longer any question that the configgration of 1813 was the act of the Russian government, in the view of rendering it impossible for the French to winter in the city. With the exception of the Kremilin, and the quarter (Biologorod) immediately surrounding it, on the N., the rest of the city was mostly destroyed; and in some quarters the destruction was so complete that the lines of streets could with difficulty be recognised. The Kremilin, too, though it escaped the confiagration, suffered severely from the mines aprung under its walls, pyrder of Napoleon, on its evacuation by the French. But this wide-apread decolation was repaired in a very ewy pears. Like a phomix, Moscow has risen from her shes larger and more beautiful than ever. The streets ave been widened, and the buildings are less singular and iscordant; still, however, the old and distinctive character of the city is preserved, being at once "beautiful drich, grotesque and absurd, magnificent and mean." coording to M. Androsoff, there were in all 9,482 suses in the city in 1831; of which, 3,137 were of brick d stone, and the residue timber. The erection of a coden house is an easy matter. A market, held in a get open space in one of the suburbs, exhibits a variety materials for house building, consisting of trunks of es cut, shaped, and morticed into each other. The chaser who wants a dwelling repairs to the spot, lains the number of rooms he requires, examines the breat timbers, which are regularly numbered, and gains for what suits him. The whole is either paid on the spot, and taken away by the purchaser, or the result in the place, the Annunciation, &c. R also ins the belify of Ivan Veilki, a tower 2604 ft. in the Russians being pasely fond of bell-ringing. The great bell of Moscow, in 1912 comprises the Imperial palace, the archip's palace, the catched of the Assumption, in the thought of the section of the prou

uid to a sanctuary. Among the other public s, may be mentioned the Palace of Arms, in the the foundling hospital; the bazar, an im-: the foundling hospital; the baraar, an immilding, containing a great number of shops; the
theatre; the hall, for exercising the troops in
ther, built by the emperor Alexander (of vast
ns, being 560 ft. In length, 180 in breadth, and
ght, the roof not being supported on pillars);
al; the palace of the senate; the university;
office; the Pachkoff palace; the great military
The number of churches, though lessened by
still tunneanse. In 1831 they amounted, in all,
which 7 were for Catholics.
iversity. founded in 1785. is the most ancient

which 7 were for carloics.
iversity, founded in 1755, is the most ancient
It had, in 1538, 130 professors and sub-prod 419 pupils. Among the other educational
ents, may be mentioned the gymnasium, den the university; the theological academy,
principal in the empire; the medico-chirur-

gical academy; the military school, or corps de cadete, with 600 pupils; the commercial school, founded in 1804; the establishments of St. Catherine and Alexander, for the education of young ladies; the veterinary school; the institute of Lazarus, so called from its founder, with 80 pupils, and a library particularly rich in Armenian literature, &c. There is, however, a great want of elementary schools for the lower classes; Moscow being, in this respect, far below Petersburg, defective as is the latter.

There are a number of literary societies, libraries, &c.
The best library belongs to Count Tolstoi. The university library was partly destroyed in 1812; but it has since been enriched by fresh purchases and donations, and contained, in 1836, about 45,000 volumes. Several nobles have extensive collections of books, pictures,

nobles have extensive collections of books, pictures, medals, &c.

The Foundling Hospital is a vast establishment, and is managed in the best possible manner. During the 10 years ending with 1831, the admissions were 25,649, and the deaths 34,713. In point of fact, however, a large proportion of the children brought to this, and to all similar establishments, are all but dead before they arrive; and the real objection to such institutions consists not so much in their great mortality, as in the encouragerive; and the real objection to such institutions consists not so much in their great mortality, as in the encouragement they hold out to licentiousness, and the desertion of children. The great military hospital has above 1,800 beds; and an undoubted judge, Baron Larrey, has declared that its organisation is excellent. There is also the hospital of St. Catherine, the hospital of Gallitzen, &c. The pop. of the hospitals attached to the city in 1830 amounted to 22.27 individuals.

Moscow is the favoreity residence of many of the Rue.

Moscow is the favourite residence of many of the Russian nobles, who pass the winter in the greatest spiendour; not being overshadowed, as at Petersburg, by the court. According to M. Lecointe de Luvau (Guide & Voyageur à Moscow), there were reckoned in the city, in 1830, 8,336 shops, 476 inns and hotels, 344 restaurateurs, 131 kabuks, or places for the sale of spirits, 86 kabuks for the sale of beer, 135 cellars for the sale of wine, 115 bakehouses, and 25 apothecaries' shops.

Manufactures are prosecuted here on a much larger scale than in Petersburg: but a large proportion of the Moscow is the favourite residence of many of the Rus-

houses, and 25 apothecaries' shops.

Manufactures are prosecuted here on a much larger scale than in Petersburg; but a large proportion of the works on account of the manufacturers and capitalists of Moscow are not in the city, but in the adjoining towns and villages, sometimes at a considerable distance from the capital. The principal establishments are those for the manufacture of cotton, woollen, and silk fabrics, many of which are upon a very large scale, and are fitted up with steam-engines and other improved machinery. Hats, also, are extensively produced; and there are numerous tanneries, breweries, distilleries, scc.

Moscow is the grand entrepto of the internal commerce of the empire. It has a water communication with Petersburg and Riga, on the Baltic, Astrakhan, on the Caspian, and Odessa, on the Black Sea. In spring, or after the breaking up of the ice, the Moskva is navigable for rafts only. A great deal of the commercial intercourse between the city and the adjacent and distant provinces is carried on in winter by the sledge-roads.

roads.

The same causes which occasion a very great preponderance of males over females at Petersburg (which see), exist in Moscow, though to a less extent, and have a similar result. The total pop. of the city, in 1830, amounting to 205,631, was, according to M. Androsoff, classified as follows:—

	Males.	Fernales.	Total.
Clergy	1.679	8,467	4.946
Nobles and superior officers -	10,490	11,904	21,304
Ramotchintsi	10.167	9,379	19,546
Russian merchants	8,722	7.488	16.210
Do. lesser traders	21.651	25,636	47.287
Artisens and workmen	8,035	4,416	12,461
Poreigners	1,466	1,225	2,691
Peasants, &c	30,595	6,024	26,619
2. Des apanages · ·	2,096	749	2,847
3. Of private individuals •	87,794	5,789	43,583
4. Domestic servents	42,206	28,714	70,990
Inferior grades of the army—	12,500	1.462	13,762
2. On ieave of absence -	8,383	10.329?	13,714
Students, inmetes of convents, &c.	4,411	4,940	8,651
Total	184,999	120,632	305,631

(Scentifier, La Russie, p. 88.)

MOSELLE, a frontier dep. of France, reg. N.E., formerly a part of Lorraine, chiefly between lat. 40° and 49° 20° N., and long. 5° 20° and 7° 40° E., having N. and E. Luxemburg, Rhenish Prussia, and Rhenish Bavaria; S. the déps. Bas-Rhin and Meuribe, and W. that of the Meuse. Area, 523,795 hectares. Pop., in 1846, 448,067. The E. part of the dep. is covered with ramifications of the Vogges, and the W. with those of the Ardenness mountains; but neither rise to any considerable height. The general slope of the dep. is towards the N., which is

the direction followed by its principal rivers, the Moselle in the W., the Sarre in the E., and their affluents, the Ornes and Nied. Some portions of the surface are very the direction followed by its principal rivers, the Moselle in the W., the Sarre in the E., and their affluents, the Ornes and Nied. Some portions of the surface are very marshy. Near the Vosges, where primary formations prevail, the soil is stony; elsewhere it is chalky or clayey, and, in general, of indifferent quality, only about 10,000 hectares being said to be rich land. In 1834, the arable lands were estimated to comprise 303,913 hectares; pastures, 45,857; woods, 92,228; and orchards, gardens, &c. 11,920 hectares. According to Hugo and the Dict. Geog., agriculture has of late made considerable progress in this dep.; and certainly it would seem, from the statements of Mr. Jacob, by whom it was visited in 1819, that, both in this respect and in the condition of the pop., there was ample room for improvement. "Through the whole distance," says he, "of 60 m. from the Prussian frontier to Mets, there is not a single good house to be seen, except the convent, and the house of the iron master at Forbach. There is nothing in any of the villages, large and populous as they are, nor within sight of the road, though it is an open country, that looks like a decent farmer's or clergyman's house. All seemed of the same standard; each filthy, dilapidated, and small, with barn and stables adjoining, of corresponding appearance. The horses and waggons looked miserable; the cows, few and poor; and I did not see more than fifty sheep, which were of a bad race, and nearly half of them black. The linhabs. were ill clothed, and at every stoppage we were assalled by numerous beggars. The cultivators (near Metz) are all proprietors. They or their parents generally bought the land, at the revolution, for paper money; before which they were bound to their lords in certain feudal services and payments, and were supplied by them with the capital requisite for cultivation. In the worst parts of Germany, where the soil is poorest, and where the feudal power is still in force, the peasantry are better clothed, have more furniture in t

Besides wheat oats, and barley, the other principal articles of culture are turnips, flax, hemp, and oleaginous plants.

Moselle furnishes about 180,000 hectolitres a year of second-rate wine, the best of which is the red wine produced in the arrond. of Metz. The white wines are mostly light, and de pess de durée. (Julius, 42) Though the pastures are good, all kinds of live stock, except hogs, are said to be inferior. Quills and honey are important articles of rural produce; cantharides are colected in summer near Metz. In 1834, of 183,968 properties subject to the constribution foncibre, 84,651 were assessed at less than 5 fr., and 22.218 at between 5 and 10 fr.; only 95 were assessed at 1,000 fr. or upwards. Iron, which is every where abundant, and usually of good quality, is extensively produced and wrought, especially in the arrond. of Thionville. There are many poteries and some glass factories in the dep. Lorraine is famous for its linens; but the value of those produced in this dep. does not exceed 1,800,000 fr. a year. Woollen cloths, lace, paper, glue, and leather are the other principal products. Manufacturing industry may, in fact, be said to have originated and grown up this dep. since the revolution; but in the interval since that event, has made considerable progress. Moselle is divided into 4 arronds. chief towns Metz, the cap., Brley, Thionville, and Sarreguemines. It sends 6 mems. to the Ch. of Dep. Number of electors, in 1838-39, 1721. Total public revenue (1831), 13,877,481 fr. (Hago, art. Mozzlle; Frensk Qifficial Tables.)

MOSELIZ (an. Mosella), a river of W. Europe, flowing through the E. part of France, and the S. part of Rhenish Frussia; its basin being situated botween that of the Nahe to the E., and the Meuse to the W. It rises in the Vosges dep. and mountains, about lat. 489 N., long. 72 R., and runs generally in a N.N. E. direction, with a very tortuous course, to Collents, in lat. 50° 22°, and long. 72 33°, where it joins the Rhine. Before entering the Prussian dom., it traverses th

Thionville, Treves, Traubach, and Coblents are on its banks. The surrounding country is subject to its inuadations, which do much damage; but it is of immense utility as a channel of internal communication, large quantities of timber, slates, coal, charcoal, brandy, salt, potash, oak bark glass and earthernare, and wine being sent by it to the Rhine. (Dict. Géog.; Schreiber's Guide

u Rhin, &c.) MOSTAR, a town of European Turkey, pach. Bosnia,

and sandjiak Herzegovina, of which it is the cap., on the Narenta, crossed here by a Roman bridge, 48 m. S.W. Bosna Serai; iat. 48° 20' N., long. 17° 52' E. Pop., pro-bably under 10,000. It is surrounded by creellated walk, and its principal streets are on the right bank of the river, about 3d of the town being on the other side. It has a celebrated manufacture of swords and fire-arms, besides an extensive traffic in cattle, corn, and wine, brought thither from a great distance. (Skein, Dick.

brought thinset and a grade (féog.)

MOSUL, a city of Asiatic Turkey, pach. of Bagdad, chiefly interesting as being near the site of Nineren, the celebrated cap. of the first Assyrian empire. It stands on the W. bank of the Tigris (here very rapid, 300 ft. broad, and crossed by a bridge of boats, as well as an older one of stone), 193 m. N. N. W. Bagdad, 1st. 369 21' N., long, 430 11' E. Pop., according to Kinneir, 55,000; of whom, about 9,000 are Christians, 1,500 Jews, and the by a bridge of boats, as well as an older one of stone), 193 m. N. N. W. Bagdad, lat. 36° 21′ N., long, 48° 11′ E. Pop., according to Kinneir, 25,000; of whom, about 9,000 are Christians, 1,500 Jews, and the rest Arabs, Turks, and Kurds. The city is so near the level of the river, that its streets are often flooded; and, like almost every other town in Turkey and Persia, it is in a declining state, its walls being broken down, and its best buildings crumbling into ruins. It has seven gates, and the castle, now in ruins, occupies a small artificial island in the Tigris. Streets narrow and irregular Houses built partly of stone, partly of plastered brick, with vaulted roofs and cellings, surrounded by fast terraces. The mosques, of which there are several that possess considerable beauty, the coffee-houses, khans, hummums, and basaars, are handsomer than in most Turkish towns, and the market is well supplied with provisions from Kurdistan. The Greek Christians bavenine churches, and there is a Dominican convent. The princhal ornaments of the city are, a college, the tomb of Sheikh Addul Cassim, and the remains of a fine mosque, the minaret of which was built by Noureddin, sultan of Damaacus. West of the Tigris, the envirous are wholly uncultivated; and this circumstance, combined with the great extent of the cemetery close under the walls, gives it a gloomy and melancholy aspect.

Mosul is under the separate jurisdiction of a pacha of two tails: it formerly had a large carvan trade with all parts of Asia, but has lost much of its commercial importance; it still, however, carries on a trifling trade with Bagdad and Asia-Minor; to the former of which it sends, on rafts down the Tigris, gall-nuts and copper, from Kurdistan and Armemia, receiving in return Indian commodities, afterwards forwarded to Diarbekr, Orfah Tokat, Aleppo, &c. Its only manufacture is that of coarse blue cotton cloths, used by the lower orders of the pop.

Tokai, Aleppo, &c. Its only manufacture is that of coarse blue cotton cloths, used by the lower orders of the pop.

The climate is proverbially healthy, the average tempor summer not exceeding 66° Fahr.; but in spring, during the floods of the Tigris, epidemics are common, though not often fatal. Several sulphur springs are found within a short distance of the town, and are much resorted to for cutaneous diseases. The geological formation of its immediate vicinity consists, according to Ainsworth, of solid beds of massive, compact, and granular calcareous gypsum, arranged in horizontal strata, not fossiliferous, of a bluish white colour, and extensively quarried as marble. Superimposed on the gypsum is a thin formation of a friable limestone, abounding in shells, and forming the common building stone of Mosul, as it probably also formed that of the ancient Nineveh. (Krinseir; see also Ninevæn.)

MOULINS, a town of France, cap. dep. Allier, on the river of that name, which is here crossed by a handsome stone bridge of 13 arches, in a fertile plain, 159 m. S. S. Paris; lat. 46° 34′ 4″ N., long. 5° 20′ 14″ E. Pop., in 1846; 14/794. Streets narrow and irregular, but clean and well-paved; houses chiedy of brick, but a few also of stone, especially in the principal avenue, the rwe de Paris. It has 3 public squares, that of the Allier being by far the largest and best built. It is well supplied with water from numerous fountains. The chief builties defines are the churches of Notre-Dame and the Visitation, the royal college, established in the suppressed convent of the latter, the town-hall, hoted of St. Cyr., and a recently erected hall of justice. It has also 2 large hospitals, harracks, a public library with 20,000 vols., a museum of natural history, and a small theatre. Several fine walks run in different directions out of the town; and in the neighbourhood are extensive vineyards, and mulberry-plantations for breeding silk-worms. Coal and limestone are wrought at a short distance from the town, and are articles o suk-worms. Coal and ilmestone are wrought at a short distance from the town, and are articles of considerable trade. Moulins is the soat of a tribunal of primary jurisdiction and commerce, a chamber of manufactures, and a society of agriculture, sciences, and arts: it has a large manufacture of cutlery, especially scisaars, which are highly esteemed, and smaller establishments for are highly estermed, and smaller establishments for making coarse cotton and woollen fabrics, haberdashery, and hats, with steam corn-mills, glass-houses, and tanyards. It has a considerable trade in corn, wine, silk, timber, coal, and cattle, chiefly with Oricans, by the Loire navigation; but also with Bourges, Maçon, &c.

MOUNT-SORREI.

Modina, which existed as a town so early as the 11th century, became the residence of the Duken of Bourhon, an 18th. A famous assembly convoked here in 18th, by Catherine de Medici, was followed by the long and esageinary war of the league. (Hape, art. Alker, &c.).

MOUNT-SORREL (property, Mossat Soar-shift), a market-twen of England, in E. Goecote hund, co. Leicester, para. of Rothley and Barrow-upon-Soar. Pop. of township, in 18th, 18th. It derives its names from being situated close to a steep eraggy hill of red granits, which rise immediately from the Soar. On fits highest point there formerly stood a fortreas, which being take in the term formerly stood a fortreas, which being take to the contract of granits and part of the contract of granits and the granital gran

tures of weofien and linen cloths, carpets, &c.; with dyeing-houses, fulling and oil mifts, distilleries, brew-eries, and tanneries, and an active trade in corn and dyeing drags. (Von Eculitis; Berghaus.)

MULHAUSEN, or MULHOUSE, a town of France, Afr. Hant Philip son, next on the III Sen. B. Calmer.

oyeng grags. (Yon Zedlilis; Berghous.)
MULHAUSEN, or MULHAUUSE, a town of France,
dép. Haut-Rhin, cap. cant., on the ill, 22 m. S. Colmar,
and 16 m. N.W. Basie. Pop., in 1836, ex. com., 13,799;
or with com., 16,932; exclusive of about 7,000 individuals,
who come daily out of the neighbouring communes to
work in the various factories. It is divided into the old
and the new town. The former, entirely surrounded by
the ill (here crossed by several bridges), though irregularly laid out, has tolerably broad, well-paved, and
clean streets, and some good houses. The Protestant
and the R. Catholic par. churches, the synagogue,
town-hall, college, arsenal, and hospital, are its principal public edifices. In one of its squares is a column
erected to the astronomer Lambert, born here in 1726.
The new town, which extends, on the S. E. as far as the
canal uniting the Rhine and Rhone, is handsomely laid
out, and has numerous handsome residences, with the
hall of the Society of Industry, the exchange, the
chamber of commerce, &c.; it has also a capacious basin
on the canal. on the canal.

chamber of commerce, &c.; it has also a capacious basin on the canal.

Until about the middle of last century, Mulhausen had only a manufacture of woollen cloths; but in 1745 cotton printing was introduced, and it is now one of the principal seats of the cotton manufacture in France. The cotton printing was introduced, and it is now one of the principal seats of the cotton manufacture in France. The cotton prints and muslims of Mulhausen and its neighbourhood are second only, as respects the perfection and variety of their patterns, to the silk goods of Lyons. (Beserving's Rep. on Section 2004). The manufacturers have, in many instances, branch establishments in other parts of Haut-Rhin and in the neighbouring deps.; but Dr. Bowring states that many of their mills and factories are mortgaged to the inhaby of Basle; and, in fact, Switzerland furnishes considerable capital to the manufacturers of Alsace. (See art. RHIN-HAUT in this work.) Hugo says that shout one afth part of its cotton goods are sent out of France. The workpeople are badly clothed, dirty, and lodge generally in cellars, or other confortless dwellings; but of late sefforts have been made, by some of the more wealthy manufacturers, to improve the lodgings of the workpeople in their employ. Wages are good: cotton printers of the first class get from \(\frac{1}{2} \) ft.; to \(\frac{1}{2} \) ft.; \(\frac{1}{2} \) ft. \(\frac{1}{2} \) of \(\frac{1}

Villermé, the proportion of illegitimate children is but little above the general average of France.

The spinning mills at Mulhausen are not in a Sourishing condition, owing, in part, to their being obliged to use cotton issported by way of Havre or Marseilles. In point of fact, however, they are totally unable to withstand the competition of the English; and since Manchester and Clasgow cotton twist has been admitted at a slight dusty, as low as No. 170, they have ceased to spin any high numbers. Woollen ciothe, hostery, straw hats, morocco leather, and beer, are the other principal goods made at Mulhausen, which has also a brisk trade in iron, hardware, and agricultural produce. Before the Revolution, this town was the cap of a small republic allied to Switzerland. It was annexed to France in 1798, and has rapidly increased since 1830. (Hugo, art. Haust-Rhin; Villermé, Tableaus des Ouwriers, i. 14—60.; Bowring's and Egmonn's Reports, \$6.

of ivory: hippopotamus' tusks gold-dust, columbo-root, gums, and amber, are the other chief exports; the imports comprise tea, sugar, cosse, cotton and woellen cloths, with other articles from Diu, Demaun, and Goa. A duty of 165 crusadoes is levied on every slave exported: all other imports and exports are free of duty. Mozambique was first visited by Vasco de Gama in 1498; and in 1606 Albuquerque made it the centre of the Portuguese possessions in this part of the world, and the seat of the viceroy of the African colonies. When the Portuguese possessions in this part of the world, and the seat of the viceroy of the African colonies. When the Portuguese possessions in this part of the world, and the seat of the viceroy of the African colonies. When the Portuguese best their lodian possessions at the commencement of the 17th century, hosambique began to deciline, and has ever since been in a languishing state. The territory, however, still extends from C. Delgado morthward to Delagos Bay southward, having a leugth of coast exceeding 1,400 m., and comprising, besides the cap., the several settlements of 1bo, Pombs, Conduris, Mokamba, and Quilimane. The channel between the E. coast of Africa and Madagascar is called the Mosambique Channel. (Ritter's Africa., 1:02—204 &c.)

MUHLHAUSEN, a town of the Prussian dom, prov.

Saxony, reg. Effurt, cap. circ., on the Unstrut, 19 m. N.W. Erfurt. Pop., with its suburbs, in 1836, 12,000. (Bergkost.) It is surrounded by a high wall, fainled appearance, several Lutheran churches, a gymnasium, and southers of the court for the town and circ. It has manufactively court for the town and circ. It has manufactively court for the town and circ. It has manufactively court for the town and circ. It has manufactively court for the town and circ. It has manufactively court for the town and circ. It has manufactively court for the town and circ. It has manufactively court for the town and circ. It has manufactively court for the town and circ. It has manufactively court for the town and c

MUNICH.

and the Shannon on the other. It has two canneries, and a brewery. Markets on Thursdays; fairs, inferior only to those of Balinasioe, for the sale of cattle, on April 6., July 4., Aug. 29., and Nov. 11., the last chiefly for horses. Post-office revenue, in 1830, 572.; in 1830, for horses.

MUNICH (Germ. Mänchen), a city of S. Germany, the cap. of Bavaria, highly interesting on account of its collections of the fine arts, on the last, crossed here by 3 bridges, about 220 m. W. Vienna, and 118 m. E. S. E. Stuttgard; lat. 489 & 20' N., long. 110 24' 20' E. Pop. in 1846, 113,884, incl. military. The city stands in the midst of a plain, which is neither fertile nor picturesque, but is one of the most elevated in Europe, being nearly 1,600 ft. above the sea. In the last century it was only a second-rate fortified town, with castellated gates, and quaint ancient-looking houses; but since the beginning of the present century, new quarters and suburbs have so far extended themselves beyond the walls, that the buildings now occupy nearly double the extent of the old town. "Munich," says the author of Germany and the Germans, "bas kept pace even with Vienna in the march of modern improvement. This is every where visible; for we see new and splendid streets extending in all directions, fine palaces and public elifices, many of them magnificent, surrounded by extensive pleasure-grounds with fine walks and drives: in short, every object shows that it is flourishing beneath the sunshine of peace. Indeed, next to Berlin, Munich is the third city in the Germanic empire; for though Dreaden, from its beautiful localities, is more captivating, yet this is the more striking; add to which, the one is dull and stationary, while the other is lively, attractive, and continually advancing in prosperity." (II. 319.) It has, however, an unfaished appearance, in consequence of the open spaces that intervene here and there between the numerous edifices, many of which are still incomplete. The old town comprises numerous streets, diverging from a common central square, called the Huspi-platz, and running towards the walls, which form round it a species of irregular circle. A large and broad street runs from N.W. to S.E., called in different parts, the Neukouse Strasse, Kanginger Strasse, and the Tali. The Scadlinger Strasse is

Hofgerien eastward, is a kind of park, called the English Garden. The new buildings of the palace face Max. Joseph's Square, on another side of which is the opera-house, opened about 14 years ago, one of the largest and most elegant theatres in Germany; it is fitted to hold about 2,500 spectators, and is equalled, as respects its performances, only by those of London, Naples, and Milan. Opposite the palace, in the same square, is the new post-office, copied from that of Rome, and in the centre is a statue of the late king, Max. Joseph I., by Rauch of Berlin.

The great glory of Munich, however, consists in its fine galleries of paintings and sculpture, called respectively the Pinacosheca (from *sing*, a picture, and Sussi, a repository), and the Glephotheca (from *ping*, and has a front 500 ft. in length: the public entrance is at the E. end, the corridor is adorned with allegorical frescoes in compartments; and the collection, which, for specimens of the Flemish and Dutch schools, is one of the finest in the world, occupies? splendid halls and 23 adjoining cabinets on the first floor, the basement story being devoted to the reception of drawings comprises about 9,000, including 5 by Raphael, 30 by Fra Bartolomeo, and several by Rembrandt, Albert Durer, and other Dutch and German artists. The paintings are limited to 1,500, and consist of the cheft-d'arisere from the king's collections, including the galleries of Dusseldorf, Mannheim, Deux-Ponts, Schleisheim, and other galleries. Two of the apartments are devoted to the German school, and include the élite of the Bolsserfe gallery, purchased in 1827 for 375,000 florind; comprising specimens by Albert Durer, J. von Eyck, Schoreel, Hans Henning, &c. Three of the rooms contain pictures of the Flemish and Dutch masters, the principal of which are the "Murder of the Innocents," "Fall of the Dammed," and other galleries of the rooms contain pictures of the Flemish and Durch masters, the principal of which are the "Murder of the Innocents," "Fall of the Dammed," and o

last by the Baron von Klenze, and has a noble central portico, the sides being adorned with statues in niches. The
collection is distributed in 13 rooms, each of which is devoted to a distinct epoch in the art, and decorated in acordance with its contents. The walls are of scagliolawork, the floors of marble, and the ceilings richly adorned
in fresco and stucco work. The marbles from the temple
of Jupiter Panhellenius, in Egina, purchased by the
present king for 10,000 sequina, occupy an entire room,
and are particularly valuable, from their being the only
extant specimens of the Eginetan school of statuary.
The illoneus, however, is said to be "the gem of the
collection," and one of the floset existing specimens of
ancient art. The Roman hall far surpasses the rest in
the splendour of its decorations; but the works that it
contains are said to belong rather to the declining stage
of the arta. The hall of modern sculpture has, among
other works, the Paris and Venus of Canova, copied from
that at Florence; the Adonis of Thorwaldeen, and a
bust of the king by the same artist.

The Leuchtenberg gallery, formed by the late Prince
Eugene Beauharnois, comprises a choke, though not
very extensive collection, including, among other okep's
d'cwere, Murillo's famous Virgin and Child, with several
cabinet pictures, by Raphael, Vandyck, Rembrandt, and
Velasquez, with numerous works of modern French
artists, and a few sculptures by Canova. The present
king of Bavaria is certainly a liberal, and perhaps, also, a
judicious patron of art; and nowhere is the modern
German school of painting to be seen to greater advantage than in Munich. Several artists are kept in the
king's employ, and an Academy of Arts has a triennial
exhibition, supported by government, with salaried professors and pensioned students. This exhibition is encouraged and, in part, supported by a society which
devotes annually about 8,000 ft. to the purchase of modear pictures. Munich was the birth-place of Sennefelder, the inventor of lithog

goldstaft in 1472, and removed thither in 1826, is the principal school of learning in Bavaria. It comprises 20 professors of four different faculties, with 1,200 students, almost exclusively Bavarians, besides a library of about 169,001 rols. Philological and theological seminaries, as well as two gymnasiums, are attached to the university; 160.00 vois. Philological and theological seminaries, as well at wogymnasiums, are attached to the university; and the town has polytechnic, central, and subscription schools. But however high the celebrity of Munich as respects music and the fine arts, the censorship of the press is fatal to the progress of literature, and to all the higher branches of philosophy. The royal library, lately removed to a noble building of great length, and 8 stories in height, is equalled only by that of Paris, the best authorities estimating its contents at 540,000 Printed books and 16,000 MSS. The reading-room is open for five hours during three days of the week; but the books may not be withdrawn from the building. The collection of engravings amounts to 3 0,000; and there are about 10,000 Greek and Roman coins. The museum of natural history is small and poor, containing but few specimens of fureign plants or animals; and the Brazilian collection, made by Spix and Martius during their travels in S. America, though originally good and well selected, has been so much neglected as to be unworthy of notice. Munich has no very important manufactures, but comprises establishments for bronze-casting, fromworks, sugar-refueries, silk-throwing mills, and tobacco manufactories. Its telescopes are highly celebrated, and its porceian is exported, like that of Dreeden, to different parts of Europe. The last branch of industry is under royal patronage, and is carried on in a large establishment at Nymphenberg, about 3 m. distant, where also is a handsome palace of the king, with parks, menageries, &c., completed at the end of the 17th century.

Munich owes its present distinguished position, as the Athens of 8. Germany, principally to the patronage and encouragement of the late monarch. It is very doubtful, however, whether he deserves any considerable portion of the praise that has been lavished upon him on this account. On the contrary, those who are best acquainted with Bavaria affirm that the embellishment of the capital has been effected at the expense and injury of the rest of the kingdom; and that the vast sums lavished on buildings and pictures would have been far better expended on the improvement of roads, and such like public works.

The immediate environs of Munich abound in taverns and gardens, which are the favorite resort of the middle classes. Beer is the favourite beverage, and waltzes are danced for 6 or 8 hours, without intermission. The beer houses are exceedingly numerous, and beer is drunk in immerous equantities. Some of the breveries are upon

a very large scale. (See BAVARIA, 1, 309.)
The inhabs, are likewise fond of good cheer in other The inhabs are likewise fond of good cheer in other respects, eafing and drinking constituting with them the chief business of life. The morals of the inhabs are alleged to be at a very low ebb; and, according to the government returns of 1834, there were in that year 1,291 uatural, and only 1,330 legitimate children. These returns, however, are probably but little to be depended on, and the probability is that Munich is nearly, in this respect, on a level with the other caps. of Germany, where larce garrisons are kept. Seven newspapers and magazines are published in Munich, some daily, one or two weekly, and the rest at longer intervals; besides which several literary clubs and reading-rooms are established in the city. It has also a yearly festival (Volks-fest) in the early part of October, established by the present king for the purpose of encouraging agriculture, frequented by farmers and peasants, who bring with them the finest for the purpose of encouraging agriculture, irequented by farmers and peasants, who bring with then the finest apecimens of cattle in competition for prizes offered by government. Poney races and shooting matches take place at this fair; and a high sloping bank, running along the meadow in which it is held is cut, into steps. like a Roman amphitheatre, commanding an excell-view of the whole scene.

Wunich was founded by Henry, Duke of Saxony and Bavarias, in 953, on a site belonging to the monks of Schaffelar, from whom it takes its name. Otho IV. encircled it with walls in 1197, and in 1632 it surrendered to the Swedes and German Protestants, under Gustavus Adolphus. In the war of 1704, between the Austrians and Bavarians, it fell into the hands of the former, after the battle of Blenheim; and it shared also the vicissitudes of the war of 1704, when the elector made his unsuccessful attempt to attain the imperial crown. In 1796 the French army, under Moreau, approached Munich, and obliged the elector to make a separate treaty. The French again occupied Bavaria in 1800, and from the battle of Hohemitinden till 1813 the country remained in alliance with France. (Murray's Hendbook for South Germany, pp. 27—49.; Strang's Germany, il. 380—382.; Germany and the Germans, il. 315—336.; Berghaus; Schaden, Wegweelser dwarch Müschen.)

MUNNEEPOOR, an indep. state of India-beyondthe-Brahmaputra. (See Cassav.) The small town of

the same name, cap. Cassay, is in a fertile valley, about 400 m. N.E. Calcutta; lat. 34° 30′ N. long. 94° 30′ E. MUNSTER, a city of the Prussian states, cap. prov. Westphalls, and of a reg. and circ. of the same name on the Aa, a tributary of the Ems. Pop., 1838, 19,763. It is pretty well built, is the seat of a R. C. archbishop, of the government, and of the tribunal of appeal for the prov. It has a seminary or college for the lastruction of Catholies in theology, a gymnasium, a veterinary school.

MUNSTER, a city of the Prussian states, cap. prov. Westphalia, and of a reg. and circ. of the same name on the Aa, a tributary of the Ems. Pop., 1838, 19,763. It is pretty well built, is the seat of a R. C. archbishop, of the government, and of the tribunal of appeal for the prov. It has a seminary or college for the instruction of Catholics in theology, a gymnasium, a veterinary school, a botanical garden, and a public library. Principal public buildings, the cathedral, the church of St. Lambert, and the episcopal palace, now occupied by the governor. Münster has manufactures of woollen stufa, and starch, with tanneries and breweries; and a considerable commerce in the products of these, and linen fabrica, hams, and other Wetphalian produce. It is united by canals with the Ems, and also with the Vechte, flowing into the Zuyder Zee. The treaty of Westphalia was signed in the town-house, in 1648. The famous fanatic Bocold, surnamed John of Leyden, the leader of the Ambaplists, made himself master of this place in 1834; but the town being subsequently taken by the bishop. John of Leyden and two of his accomplices were put to death, after being confined for a while in firon cages, still preserved in the church of St. Lambert. (Bergens, \$c.)

MUNRCIA, a prov., and formerly a kingd, in the S.E. of Spain, between lat. 379 297 and 390 29 N., and long. 90 40, and the Cos. of Clars. Kerry, Limerick, Cork, Tipperary, and Waterford. (See Insuano).

MURCIA, a prov., and formerly a kingd, in the S.E. of Spain, between lat. 379 297 and 390 29 N., and long. 90 40, and 29 5 W., bounded N. and N.W. by Castille, E. by Valencia, S. by the Mediterranean, and W. by Andalusia. Greatest length, 140 m.; do. breacht, 120 m. Area, about 8,000 a, m. Pop., in 1833, 474,315. It is intersected by numerous ranges of mountains runs northward from Carthagena, the highest point in the province being the Sierra Espaia, which rises 5,000 R. above the sea. The mountains are delighted in the province being the Sierra Espaia, which rises 5,000 R. ab

suishes, and education and science are at the lowest ebb. Murcia was the part of Spain first conquered by the Carthaginians, who founded Nova Carthago, anno 202 s.c. The country passed, with the rest of the peninsula, into the hands successively of the Romans, Goths, and Moore, the last of whom invaded it in the beginning of the 8th century. It formed a part of the caliphate of Cordova till 1144, when it was annexed to the kingdom of Granada, to which it belonged down to 1266, when it was taken by Alonso X. of Castile, and has since formed one of the provs. of Christian Spain. (Millano; Mod. Trav.; Inglis, ii. 208—211.)

Bh. e

Muncia, a city of Spain, cap. of the above prov., on the N. bank of the Segura (crossed here by a "magnificent" stone bridge of 2 arches), 31 m. N.N.W. Carthagena, and 250 m. S.E. Madrid, lat. 38° N. and long. 1° 14′ W.; and 200 ii. S.B. maartd, 1830 N. and 101g. 1 w. Y.; pop., acc. to Minano, 35,390. It is situated in a vale which for beauty and fertility equals any part of Spain. It was formerly fortified, but is now open on every side, and has narrow though clean streets, lined with mean house, formerly fortified, but is now open on every suce, suce mean row though clean streets, lined with mean houses, sometimes ornamented with grotesque carved-work. Gardens often akirt the streets, as in Seville, and the walls in many parts are overtopped by the heavily laden orange trees and branching paims. There are 4 considerable squares, the largest of which is used for a buil-ring; the principal public buildings are the catheconsiderable equares, the largest of which is used for a bull-ring; the principal public buildings are the catheral, il par, churches, the bishop's palace, 5 colleges, a town-hall, custom-house, and hospital. The cathedral is of mixed architecture, with a Corinthian portico and Gothic dome. It formerly possessed great riches in plate and jewellery; but these were abstracted during the late war, and it has now only a few pictures. The chief object of attraction at present is its tower, 260 ft. high, which, like that of Seville, may be ascended by a spiral walk or inclined plane, accessible even to horsemen. In the Plaza real is a fine marble column, formerly surmounted by a statue of Ferdinand V.; and there are four public walks, one of which is formed by a mole or quay skirting the river. The botanic garden is small and ill-arranged. The silk manufacture of Murcia, which once employed some thousand hands, now requires only 400. The silk is prepared by hand labour, and cannot therefore come into competition with that of Valentia, which is for the most part produced by machinery. Considerable quantities of coarse cloth are made for the supply of the poor; and there is a manufactory of saltpetre farmed by government to a company, which makes about 1,200 arrobas yearly—only one tenth of the quantity produced seldom exceeds 32,000 arrobas a year. Most the company was a power to the last century. About 3 m. from the city is a gunpowder mill, bound to furnish government with 60,000 arrobas a year; but the quantity produced seldom exceeds 32,000 arrobas a year. Most the company was a power of the inhabs, are supported by agriculture: the land in the vale of Murcia produces two crops a year — wheat and healms—and may be estimated to return about 5 per cent. to a purchaser. [Inglis, il. 214.) Provisions, owing to a heavy market-duty, are somewhat dearer than at Malaga and Seville. The price of labour is from 4 to 5 reals a day: female servante receive a dollar per month, and men from 1§ to 2 dollars.

somewhat dearer than at Malaga and Seville. The price of labour is from 4 to 5 reals a day: female servants receive a dollar per month, and men from 1 ½ to 2 dollars. Murcia is very ill provided with accommodation for travellers. Minano mentions sixteen postadas or inns; but they are little better than wretched pot-houses, keep to grissons or gypsies, a race very thickly scattered over all the S. provs. of Spain, and following the trade of a butcher, tinker, or low innikeeper. The inhab of the cap are equally sluggish, gloomy, and reserved, with those in the rest of the province. The African character is more strongly marked in them than in other Spaniards; and the cast of countenance is, in general, very different from that of the Andalusian Moors. (Tournscend, ill. 152—159.; Cook's Sketches in Spain, 135.) (Town

Murcia was little known before the invasion of the Murcia was little known before the invasion of the Moors, when it was besieged and taken, a. b. 714. It was subject to the caliphate of Cordova from 756 to 1144, when it was annexed to the new Moorish kingdom of Granada. In 1221 it again became subject to Cordova; and, on the dismemberment of that caliphate, was made the cap. of a separate kingdom by Hubiel, from whom it was taken in 1266 by Alonso X. of Castlie; since which time it has remained in the hands of the Christians. Christians

Christians.

MURVIEDRO (Musri veteres, but more an. Saguasum), a town of Spain, highly interesting on account of
its Roman antiquities, prov. Valencia, on the Canates,
about 3½ m. from the Mediterranean, and 15 m. N.N.E.
Valencia. Pop., acc. to Milfano, 6,273. It stands at the
foot of a mountain of black marble, and at the N.E. extremity of a large and well irrigated plain; has long,
tortuous, narrow streets, and is surrounded by walls
flanked with small round towers. The houses in the interior have a mean and gloomy appearance; but the flanked with small round towers. The houses in the in-terior have a mean and gloomy appearance; but the suburbs are more airy and agreeable, and perfectly level. Two churches, three old convents, and a governor's palace are its only public buildings. Murviedro formerly exported considerable quantities of brandy; but its chief dependence, at present, is on the export of the oil, wine, wheat, barley, carobs, and fruit, grown in the adjacent district, sent coastwise to Valencia, and other ports of the Mediterranean.

wheat, barley, carobs, and truit, grown in the augmentation district, sent coastwise to Valencia, and other ports of the Mediterranean.

"Murviedro," says Mr. Swinburne, "seems to occupy the same ground as the ancient Roman city; but, in all probability, the Saguntum of Hannibal was built on the summit of the hill. That the Romans, also, had a fortress on the top is clear, from the large stones and regular masonry on which the Saracens afterwards erected their castle. Half way up the rock are the ruins of the theatre, forming an exact semicircle, about 82 yards in diameter.

MUSCAT.

from outside to outside: the length of the orchestra, or inner diameter, is 24 ft. The seats for the audience, the staircases, and passages of communication, the vomitoria, and the arched porticos, are still easily traced. The back part rests against the hill, and some of the galleries are cut out of the rock. Two walls, going off at an angle, serve to turn off the rain water that washes down from the cliff behind. As the spectators faced the N. and E., and were sheltered from the W. and S., nothing could be more agreeable in this climate than such a place of entertainment, open to every pleasant and salubrious breeze, and defended from all winds that might bring them heat or noxlous vapours. It is computed that 9,009 persons might be present, without inconvenience, at the exhibitions in this theatre. An attempt was made, at the close of the last century, to repair this noble structure; and, in 1796, a Spanish comedy was represented within its walls; but the plan was never carried into execution. The remains of a circus, also, are still discoverable in the orchards outside the town. It extended to a small river, the bed of which only remains, and which was the chord of the segment formed by the circus. When the Saguntines exhibited their mock sea-fights, called naumachia, this bed was undoubtedly filled from the neighbouring canals which still exist. A mosaic pavement, 24 ft. in length and 14 ft. wide, in a very perfect state of preservation, was discovered in 1755, at the intrace of the town; and Ferdinand V1. ordered to the entrance of the town; and Ferdinand V1. ordered to the flex of the thouses, the city gates, and the doors of the churches and imas, are covered with Roman inscriptions.

The ground occupied by the convent of the Trimitarians.

are covered with Roman inscriptions.

The ground occupied by the convent of the Trinitarians was formerly the site of a temple dedicated to Dians. A part of the materials served to build the church, and the rest were sold to build San Miguel de los Reyes, near Valencia. The castle on the top of the hill presents some interesting remains of Moorish architecture; the fortifications divide the hill into several courts, with double and triple walls, erected on huge masses of rock, laid in regular courses by the Romans. (Swindwarze; Fischer's Palencia, p. 144.; Mod. Trow. i. 288.)

The prevalent opinion seems to be that Saguntum was originally founded by colonists from Zacynthus, who were afterwards joined by Rutuli from Ardea. (Sirabo, lib. lii.; Sitius Italicus, il. 603.) It appears to have early attained to great wealth and distinction; and being zealously attached to the Romans, it became an object of bottlility to the Carthaginians. It was besieged by

zealously attached to the Romans, it became an object of hostility to the Carthaginians. It was besieged by Hannibal previously to his invasion of Italy; but the strength of the city, and the determined bravery of the inhab, baffled for nearly 8 months all the efforts of this great general to effect its subjugation. At length, however, it fell into his hands, areas 219 s.c., the inhab, being in part put to the sword and in part sold as slaves. They had previously thrown a great part of their wealth into the flames; but the booty was still ample enough to enable Hannibal to reward the valour and devotion of his soldiers, and to facilitate his designs against Italy. (Polyb. lib. iii.; Livy, lib. xxxi. cap. 3.) Having became rebuilt by the Romans, it was afterwards famed for its porcelain, mentioned by Martial (xiv. epig. 108.).

" Sume Seguntino pocula ficta h

MUSCAT, 'a city and ses-port on the E. side of Arabia, prov. Oman, of which it is the cap., about \$6 m. N.W. Cape Ras-el-had, lat. \$30 38' N., long. \$80 37' 30'' E. Pop., estimated by Fraser at from 10,000 to 12,000, of whom 1,000 are Hindoos, from Sinde, &c.; and the rest a mixed race, the descendants of Araba, Persians, Kurds, Afghans, Belooches, settled here for the purposes of commerce. The town is situated at the S. extendity of a small cove, shaped like a horse-shoe; and on either side hills, lined with forfs, rise almost perpendicularly 300 ft. from the sea. It is bullt on a slope, rising gradually from the water, which nearly washes the bases of the houses. On this side it has no defence; but the other sides are protected by a wall 14 ft. high, with a dry ditch. Its measues, minarets, and white terraced houses give it an imposing aspect when seen from a distance; but, on entering, narrow crowded streets, and fifthy basaars, wretched huts, pality houses, and other tenements more than half fallen to decay, meet the eye in every direction. It has, however, some substantial and even handsome houses; the palace of the lmaum, those belonging to his mother, the governor's; and several others being of the latter description: their orm differs considerably from what is usually seen in the towns of Yemen and the Hedjaz, partaking more of the Persian than Arabian style of architecture. Muscat is supplied with water by means of a deep and strongly suarded well, from which a newly constructed anusedur is supplied with water by means of a deep and strongly guarded well, from which a newly constructed aqueduct conveys it to tanks in the different quarters. During July and August it is excessively hot; and the fevers

then prealent are especially fatal to Europeans. The country in its immediate vicinity is extremely barren; but it improves as it recedes inwards. Dates and wheat are the principal articles of produce; the former being held in high estimation, and largely exported, chiefly to India. A date tree is valued at from 7 to 10 dollars, and its annual produce from 1 to 1½ dollars. The value of estates is measured by the number of date trees comprised within the property.

prised within the property.

Muscat is a place of considerable importance, being at Mineat is a place of considerable importance, being at once the key to, and commanding the trade of, the Persian Gulph. The dominions of the imaum are very extendre, and his government is more liberal and intelligent than any other in Arabia or Persia. He has some large ships of war; and his subjects have some of the finest trading vessels to be met with in the lodian seas. The part of Arabia near Muscat is too poor to have any very considerable direct trade; but, owing to its favourable position, and the superiority of its ships and seamen, it has become an important entrepot, and has an extensive transit and carrying trade. Most European ships bound for Bussorah and Bushire touch here; and more than half the trade of the Persian Gulph is carried on in ships belonging to its merchants. But exclusive

ships bound for Bussorah and Bushire touch here; and more than half the trade of the Persian Gulph is carried on in ships belonging to its merchants. But exclusive of the ports on the gulph and the coast of Arabia, ships under the tinaum's flag trade to all the posts of British India, to Singapore, Java, the Mauritius, E. Africa, &c. The pearl-trade of the Persian Gulph is now, also, wholly centered at Musect. All merchandise passing up the gulph on Arab bottoms pays a duty of 2 per cent. to the imaum. He also reuts the islands of Ormus and Kishmee, the port of Gombood, and some sulphur mines from the Persian government.

In the magazines of Musect may be found every species of produce imported into, or exported from, the Persian Gulph. Various articles are also imported for the use of the surrounding country, and for the internal consumption of Arabia. Assong these, the principal are rice, sugar, coffee from Mocha, cotton and cotton cloth, cocca nuts, wood for building, slaves from Zanguebar, dates from Bushire and Bussorah, &c. Payment for these is chiefly made in specie and pearls; but they also export drugs of various descriptions, ivory, gums, hides, extrick feathers, horese, a sort of carthen jars, called martuban, to Tranquebar, dried fish, an exteemed sweetment called &sisaes, and a few other articles.

The markets of Musecat are abundantly supplied with all sorts of provision. Beef, mutton, and vegetables of good quality may be had at all times, and reasonably

fabrics. The manufacture of hats is, also, carried on to a limited extent; and there are brick-works, a pottery, extensive browneries and distilleries, tanneries, and fournills. Fisher-row, along with Newhaven, in the parish of North Leith, virtually monopolises the supply of Edinburgh with haddocks and other white fish. A branch of the Edinburgh and Dalkeith railroad has its depot at Fisher-row. The country all round the bor. abounds with coal, which, by means of the railroad, is conveyed to Edinburgh, and by another branch of the same railway is taken to Leith, for consumption and export. There are two banks in the town. The harbour dries at low water. The exports are coal, spirits, ale, and farm produce.

bour dries at low water. The exports are coal, spirits, ale, and farm produce.
The schools are numerous and efficient. Gilbert Stuart, author of a history of Scotland and other works, resided at Musselburgh; and New Hailes, the residence of Lord Hailes, the annalist and antiquary, is within in of the town. Poor-rates have been introduced: average annual assessment, 1,100. In addition to the parish church, it has a gwood secra church, and chapels belonging to the Episcopalians, Associate Synod, Relief, and Independents.
The charal of Lorente Alexander and Synod Start of
ing to the Episcopalians, Associate Synod, Retief, and Independents.

The chapel of Loretto, to the E. of the town, was, before the reformation, a place of great importance; pfigrimages were often made to it; and, in 1830, James V. performed a pilgrimage thither on foot. About 1 m. S. of Pinkie House was fought on the 10th Sept. 1847, the battle of Pinkie, in which the English, under the Duke of Somerset, totally defeated the Nootch. The battle of Preston Pans, on 21st Sept., 1745, between the forces of Charles Edward and the royal army, took place in this neighbourhood, when the latter were completely defeated.

feated. Musselburgh had no parl rep. till the passing of the Reform Act. It now unites with Letth and Portobello in sending I mem. to the H. of C. Registered voters in 1849 80, 212. Municipal income, 1848-9, 1,4854. Number of counciliors, 12. (Beauties of Scalland, & Kainburghashire; Boundary Reports; Chaimers's Calcal.; Private

the iurromeding country and for the internal contemporation of Arabia. Among these, the principal are rice, sugar, coffee from Mochs, cotton and cotton cloth, cocoannus, wood for building, slaves from Zanguebar, date from Bushirs and Bussorah, &c. Payment for these is chiefy made in specie and pearls; but they also exported drugs of various descriptions, ivery, guans, indees, certified for Tanguebar, discaled his, as estimated westernate called historeals, and a few other articles.

The markets of Muscat are abundantly supplied with all sorts of provision. Beef, mutton, and vegetables of geod quality may be had at all times, and resourced to the beach in such a manner that the casts of a vessel may be filled in her boats while affort. First wood is also abundant, and is cheaper than at Bombay.

Mohammedans pay a duty of 34 per cent. on imports and exports; and all other nations pay per cent.

Mohammedans pay a duty of 34 per cent. on imports to be confirmed, not merely by the resemblance of the most, it is allowed the control of the confirmed, not merely by the resemblance of the mam, but also by the terms applied by Arrian to Mosca being sufficiently descriptive of Muscat; and as the port is bounded on all sides by rocks, it must now present to be confirmed, not merely by the resemblance of the mam, but also by the terms applied by Arrian to Mosca being sufficiently descriptive of Muscat; and as the port is bounded on all sides by rocks, it must now present to be confirmed, not merely by the resemblance of the mam, but also by the terms applied by Arrian to Mosca (Cappe Raselland, Cappedra, Cappedr

records of them exist previously to the 16th century. From 1760 to 1799, Mysore was governed by Hyder Ali and Tippoo Salb. After a protracted contest with the English, Tippoo lost his crown and life at the taking of Seringapatam. (Parl. Reports; Hamilton; &c.) Mysores, a town of S. Hindostan, the cap. of the above state, on a lofty hill, 9 m. S. by W. Seringapatam, lat. 129 19° N., long. 76° 42° E. It was suffered to fall into decay by Hyder Ali and Tippoo, but, under the present dynasty, it has been rebuilt, and restored to its ancient importance. It is enclosed by an earthen wall, and consists of the town (pettah) and fort. The latter, which is an extensive work in imitation of a European fortress, is separated from the pettah by an esplanade, and comprises, besides the rajah's palace, the dwellings of the principal merchants and bankers. The architecture of the town is similar to that of Seringapatam, but the houses are larger and better; they are ranged in

of the principal merchants and bankers. The architecture of the town is similar to that of Seringapatam, but the houses are larger and better; they are ranged in regular streets, whitened, and intermingled with trees and temples. So of the fort is a large and good suburb; and on rising ground, near the town, is the Sritish residency. Mysore is well supplied with provisions, and is considered much more healthy than Seringapatam. (Hamilton; E. I. Grazetteer.)

MYTILENE, the ancient Lesbos (insula nobilis et amoran, Tacit. Hist., lib. vi. cap. 3.), an island of Turkey in Asia, in the Egean Sea, opposite the coast of Asia Minor, to the north of the entrance to the gulph of Smyrna. It is about 33 m. in length from E. to W., by about 26 in part hilly and mountainous, it has notwithstanding a considerable extent of level and very fertile land; and, except in a few places infested with malaria, it is extremely salubrious. The principal products are oil, corn, wine, figs, and other fruits; cotton, timber and pitch, silk, honey, &c. The wines of Leebos were amongst the most celebrated of the ancient world. They are said by Athenesus (i. 22.) to have deserved the name of ambrosia, rather than of wine, and to have been like metal and "Hicinnoomits pocula Leebil and the said of the ancient world."

" Hic innocentis pocula Lesbii Duces sub umbra."— Hor. Od. i. 17.

"Hic innocently pocula Leabii
Duces sub unbras."—Her. Od. 1. 17.

The wine of the island still continues to preserve some, though but a slender, portion of its ancient reputation; very little, however, is exported. The figs are excellent, and large quantities of oil of medium quality are annually shipped for Constantinople and other places. The produce of corn is insufficient for the supply of the Island. The timber and pitch are derived from the pine forests, with which the mountains are covered. The town of Castro, on the site of the ancient Mystiene, stands on the E. coast of the island, on the strait separating it from Anntolia. It contains many fragments of pillars, capitols, frieses, &c., but no considerable ancient ruin: if may have from 5,000 to 6,000 inhab; and has two harbours, but neither is good. The island can, however, boast of two of the finest harbours in the world, Port Jero, or Clivier, and Port Caloni. The former, in its S.R. angle, has a narrow entrance, but the water is deep, and within it expands into a noble basin, capable of containing the largest fleets. Port Caloni, on the S. side of the island, is a basin, similar to the last mentioned, but of more ample dimensions, nearly, in fact, intersecting the island. It has deep water throughout; but the entrance to it being very narrow, it is but little frequented.

Olivier estimated the entire pop. of the island at about 40,000, half Greeks and half Turks, with a few Jews but later estimates considerably reduce the number of Turks. There can be no doubt that under an engistence government Mytilene would speedily recoversome portion of her ancient prosperity. Olivier mentions that the singular usage obtains in this island of the eldest daughter succeeding to the paternal property, to the exclusion of her brothers and younger slaters! (Voyage dans L'Empire Otiomas, ii. 99.) Most probably the custom has descended from a remote erra; but some modifications have, however, been introduced in modern times in favour of the younger slaters.

Leabox wa The wine of the island still continues to preserve some

alli claram Rhodon aut Mytilenem. Her. Od. i. 17.

Among the illustrious persons who were natives of the city of Mytilene, or of other parts of the island, may

be specified — Pittacus, one of the seven sages of Greece s Theophrastus, the scholar and successor of Aristotle; Alczeus, so famous for his odes; Sappho, celebrated attice for her beauty, her poetical talents, her loves and her death; Terpander, who added a seventh string to the lyre; Diophanes, a famous rhetoriclan, tutor to Therius Grae-chus & At the amentine however it must be admired death; Terpander, who added a seventh string to the system. Diophanes, a famous rhebriclan, tutor to Therius Graechus, &c. At the same time, however, it must be admitted that the morals of the bulk of the inhabitants were exceedingly corrupt, so much so, that it was common in antiquity to say of a debauchee, that he lived like a Leshan. (Cellarii Orbit Antiqui, it. 15.; Tournefort, i. 38. Ancient Universal History, vili. 290. 8vo ed.)

Myttlene was taken and sacked by Julius Cæsar; bur Pompey restored it to the full enjoyment of its privileges; and Trajan, who enriched it with several costly buildings, gave it the name of Trajasopotis, which, however, it did not retain. Molivo, on the N. coast of the island, is the modern representative of the ancient Methymna.

N.

N.A.A.S., an inland town of Ireland, prov. Leinster, co. Kildare, 18 m. S.W. Dullin. Pop., in 1841, 3,571. "The town possesses considerable local advantages. Situated in a rich agricultural district, 18m. from the metropolis, its communication with that city is facilitated by good roads and by means of a branch of the grand canal that enters the town. Its main street, also, presents some appearance of activity, owing to its forming the place of junction of the leading roads from Cork, Limerick, Kilkenny, Waterford, &c., to Dublin. However, far from keeping pace in improvement with the market towns in its vicinity possessed of none of these advantages, its prosperity has been on the decline for the last 18 years. The appearance of the cabins on the outskirts of the town is poor and miserable, many being ruinous." (Messicipal Bosnad. Report.) The public edifices are the barish church, a Rom. Cath. chapel, a meeting-house for Independents, military and police barracks, a markethouse, a fever hospital and dispensary, a court bouse, and a prison. The spring assisses for the co. are held here, and the summer assisses at Athy. Its trade in grain, flour, and provisions, is not so considerable, as might have been expected. Markets, especially for poultry, on Mondays and Thuradays. Post-office revenue in 1830, 4322.; in 1836, 6477.

NAKHITCHEVAN, a town of European Russia, on the Don, about 25 m. above where it falls into the sea of Axoff. Pop. above 10,000, principally Armenians. This and the contiguous town of Rostoff are, as it were, the entrepots of the Don. Except timber, most part of the produce brought down that great river is landed at one or other of these towns, and is thence forwarded by coasters for Tanganrog. Nakhitchevan is built in the oriental style, and its inhab. are distinguished by their commercial enterprise. "The connections they have formed with Astrakhan, Mordok, and Kisilar, also colonies of Amenia, almost annihilates the distance that is between them. They draw from these countries rica, silk, a

Russia." (Hageneister on the Trade of the Black Sea, p. 36. Eng. trans.)
NAGPOOR (sagapura, "the town of serpents"), a large city of Hindostan, prov. Gundwansh, cap. of the dom. of the Rajah of Berar, between the Wynegunga and Wurdah rivers; lat. 21° 9° N. long. 79° 11° E. Pop. of the city and suburbs in 1825 estimated at 115,000. rop. of the city and shourds in 1822 estimated at 115,000. Its site is low and swampy in the rains; and the principal streets, with one exception, are narrow, mean, dirty, and intersected by watercourses. The great number of trees intermixed with the huts and houses number of trees intermixed with the huts and houses give it, at a distance, the appearance of a large wood. It presents few good specimens of architecture; the rajah's palace, though an extensive building, has no pretensions to beauty, and has crowded round it a multitude of mean huts of mud and thatch. Some of the principal chiefs and bankers have large houses of brick and mortar, with flat roofs; but these, for the greater part, are old and dilapidated. In 1825, of 27,000 houses in Nagpoor, about 1,300 were of mason-work, the rest being principally of mud, thatched or roofed with tiles.

The dom. of which Nagpoor is the cap., extends between the 18th and 23d degs. of N. lat., and long. 78° 30° and 83° E., having N. the Bengal preside, E. Bengal and the presid. Madras, and S. W. and W. the dom. of the Nizem. Area estimated, in round numbers, at 64,000° sq. m.; and pop. at somewhat leas than 3,000,000. The general slope of this country is towards the S. E.; the

surface is generally mountainous and woody, interspersed with occasional tracts of cultivated land. Principal rivers, the Wurdah, Wynegunga, and other tributaries of the Godavery, and the Muhamuddy. The land is assessed on the village system. Wheat, jowares, and rice; teak and saul timber; cotton, sugar, bemp, tobacco, arrow-root, betel leaf, wild slik, iron, and limestone, are the principal products; some of which are sent in considerable quantities to Bombay, in exchange for Ruropean manufactures. Nappoor had always a large trade with Poonab, though this has very much diminished since the breaking up of the Mahratta empire; and some trade with Benares and Mirraspore, in muslims, brocades, &c. The pop, of the country is nearly all Hindoo, or composed of wild Gond, and other tribes; and very morant, the children of only Brahmins and the mercandiministered than that of the Nizam dom. The revenue, which is estimated at between 46 and 47 lacs rupe, a year, is collected under the superintendence of British officers. The rajah furnishes a contingent of at least 1,000 men to the Anglo-Indian army. (Hassifica's E. I. Ges.; Evid. of Mr. Jenkins in Parl. Rep., 1822; Report, 1840, &c.)
NAIRN, a small marit. co. of Scotland, on the 6. side of the Moray Frith, having N. the sea, E. Moray, and S. and W. Inverness: it also includes the detached district of Ferintosh, in the centre of Inverness. Area, 124,800

NANGASAKI.

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hospitals, and a theatre are the other principal public edifices. A bridge crosses each river, that over the Meuse having nine arches; a dam has here also been thrown across the Sambre in the view of raising its waters so as to render it navigable; but this design appears to have only partially succeeded. Namur is a bishop's see; the seat of tribunals of primary jurisdiction and commerce, with appeal to the superior courts at Liege, and the rasidence of the civil governor of the prov., a military commandant, a provincial receiver of taxes, &c. It has an episcopal seminary; an atheneum with a library and cabinets of mineralogy, chemistry, &c.; various public and superior private schools, a society for the benefit of the poorer classes, a deaf and dumb and many other asylums, a most &c piets, founded in 1619, &c. The situation of Namur is favourable for commerce. Its cutlery is much esteemed on the continent, and it has

see processes, the children of only Primains and the mercanic content of the country is nearly all Hisdoo, or content of the country is nearly all Hisdoo, or content of the country is nearly all Hisdoo, or content of the country is nearly all Hisdoo, or content of the country is nearly all Hisdoo, or content of the country is nearly all Hisdoo, or content of the country is nearly all Hisdoo, or content of the country is nearly all Hisdoo, or content of the country is not the country in the country of the country is not the country in the country of the country is not the country in the country of the country is not the country in the country of the country is not country in the country of the country in the country of the country is not country in the country of the country in the country of the country is not country in the country of the country is not country in the country of the country is not country in the country of the country is not content of the country in the country of the country is not country in the country of the country is not country in the country of the country is not country in the country of the country is not country in the country of the country is not country in the country of the country is not country in the country of the country is not country in the country of the country is not country in the country of the country is not country in the country of the country is not country in the country of the country is not country in the country of the country is not country in the country of the country is not country in the country of the country is not country in the country in the country in the country is not country in the country i

low, none containing more than one good story, to which is added in some a sort of cockloft; in others, a low cellar; all are constructed of wood and a mixture of clay and chopped straw; but the walls are coasted with a cement that gives them the appearance of stone. The height of the street-front, and even the number of the windows are determined by sumptuary laws. Olindpaper supplies the place of glass, and the windows are intrined protected from the weather by external wooden shutters and Venetian blinds: a verandah, into which the different rooms open, runs round the outside of the houses, to which are invariably attached curiously laid out gardens. Large detached fire-proof store-rooms belong to each dwelling, and are so constructed as fully to answer their purpose of preserving the valuables of the habs. from the conflagrations so common here and elsewhere in Japan. The chief public buildings are the palaces of the governor and grandees of the empire, some of which cover a considerable extent of ground: there are also in the town and neighbourhood 61 temples, or yearines, usually on commanding eminences, and enclosed in large gardens, the habitual resort of pleasure parties. These buildings are as plain and little ornamented as the private dwellings, and comprise, also, apartments, which are let out to travellers, or used for banqueting rooms, and other purposes. The teahouses or bagnies are another favourite resort of the natives; and of these, according to Sebold, there are 750 in Nangasaki. The artificial island of Derima, to which the Dutch merchants are rigorously confined, is about 600 ft. in length by 340 ft. in breadth, a few yards from the shore, close to which stands the town, connected with it by a stone bridge, closed by a gate and guardhouse, constantly occupied by soldiery. Neither Dutch nor Japanese may pass the gate without being searched; the number of European residents is limited to ckreen; and the menial service is performed exclusively by Japanese; all of whom, except courterans, are

shot of the town, and protected from all winds. (Sicbold, 1. ch. 1, 2.; Crawfers's Hist. of the Isadem Archépetago, iii. 305.—308.; Manners and Customs of the Japanese, 24.—57.)

NANKIN, a city of China, in the district of Kiangning-foo, and prov. Keang-soo, near the S. bank of the Yang-tee-kiang, and about 110 m. from its mouth, lat. 322 4' N., long. 118° 24' E. Pop. (acc. to Rillis) about 400,000. The walls, which are of limestone, cemented with sun-baked clay, enclose a very irregular triangular area of about 30 sq. m., and this circuit, as measured by the Jesuits, amounts to 37 lis, or nearly 29 m., a fact fully proving the absurdity of the Chinese statement that "if two horsemen should go out in the morning at the same gate and ride round in opposite directions, they would not meet before night!" This enclosure, moreover, comprises groves, fields, and even hills, of considerable extent; less than three fourths of it being covered by the town, which is sit, at the S. extremity, and about 6 m. from the river bank. The city has declined much both in size and splendour since the end of the 12th century, when Kublai-Khan removed the imperial residence to Pekin. It now consists of four rather wide and parallel avenues, intersected by 6 or 8 others of less width. The streets are not so broad as those of Pekin, but are, on the whole, handsome, clean, well-paved, and bordered with well-furnished shops. A palsec of the emperor which once existed, and many other monuments of grandeur, have now almost disappeared. Nor are the palaces of the mandarins in any respect distinguished from those found in the cape. Of other provs. of China; indeed, Nankin possesses no public edifices corresponding to its rank as the second city of the emperor which once existed, and many other monuments of grandeur, have now almost disappeared. Nor are the palaces of the mandarins in any respect distinguished from those found in the cape. Of other provs. of China; indeed, Nankin possesses no public edifices corresponding to its rank as the s

bricks commonly used in China: a kind of carved gaffery or verandah, ornamented with lightly-tinkling bells, rums round each story, and the whole is surmounted by a gifts conical roof, the height of which from the base somewhet exceeds 300 ft. It was completed in 1432, at a cost of 600,600 taels. An observatory stands about a league N. ward of the pagoda, but though formerly well provided with instruments, &c., it is now almost in ruins. Nankin has extensive tasis. An observatory stands about a league N. ward of the pagoda, but though formerly well provided with instruments, &c., it is now almost in ruins. Nankin has extensive ments, &c., it is now almost in ruins. Nankin has extensive ments, &c., it is now almost in ruins. Nankin has extensive manufactures of satin and crape, the quality of the former, both paiss and figured, not being equalled by that of any other city in China. The cotton fabric called Nankesse receives its name from this city; but in fact it is made in every part of the prov., and scarcely a cottage can be found where the thrifty housewife has not a loom for weaving Nankeen. (China opened, i. 79.) The paper of Nankin is highly esteemed; and Indian-ink (as it is called in Europe) is manufactured in large quantities both in the town and neighbourhood, forming an impostant article of commerce. Nankin is celebrated also for its manufacture of artificial flowers from the pith of a ahrub, and so extensive is this branch of industry as togive rise to a large trade. The commerce of the city is very considerable, owing to its position in the centre of the empire, and on the Yang-tas-kiang, which is avigable for small boats to the ports of Soo-chee-foo and Shang-hae, its great entrepôts for corn, manufactured goods, and other articles. Its communications with Pekin is effected by the imperial canal, which leaves the river about 40 m. below Nankin is the principal traffic with the cap, is during April and May, when fast boats, which accomplish the distance in about 9 days, are constantly employed in exporting to the imperial court the produce of the Nankin fishery packed in ice. Nankin, according to Du Halde, is not less celebrated for literature than commerce: the arts and sciences are studied there with great diligence, and it furnishes more doctors and mandarins than many towns together; its ilbraries are also extensive and valuable. The book-lealer's shops are well provided with the best native pablications, and the editions published here are the mos

under a general of their own nation, and their quarters are separated from the rest of the town by a loft, wall. (Du Haide, 1. 149—151.; Elie's Journal of a Miss. to China, 299—306.; Eliter's Erdunde von Asien, ill. 681—686.; Guttleff's Chins opened, i. 76—79.; Private In-

(Du Halde, 1. 149—151.; Ellie's Journal of a Miss. to China, 390—306.; Ritter's Erdissade one Asica, iii. 681—686.; Gustaff's Chinas opened, i. 76—79.; Private Information.)

NANTES (an. Namestes, or Civitas Namestess), a large and celebrated commercial city and port of France, dep. Loire-Inferieure, of which it is the cap., on the Loire, where it is joined by the Endre and Sevre-Nantaise, about 34 m. from its mouth, and 210 m. S.W. Paris; iat. 470 13' 6' N., long. 10 23' 44' W. Pop., in 1846 (in. comm.), 58,250. "Nantes is a noble city, and its situation can scarcely be excelled. It stands upon the alopes and summit of a gustle hill, half encircled by the Loire, which is broad, clear, and tolerably rapid; and its beauty is greatly increased by several lalets which dot the river exactly opposite to the town, and which are covered with pretty country-houses and gardens." (Inglis, p. 238.) The banks of the Erdre too are very agreeable, abounding with cheanut woods, gardens, and country houses. The declivities of the neighbouring hills are in great part covered with vineyards, which add much to the beauty of the scene, though their produce be very inferior. Nantes is built mostly on the N. bank of the Loire, but partly, also, on the islands Psydess and Goriette, in which are some of the handsomest quarters. Both the N. bank and the islands are bordered by fine quarys, one of which, Gusai de la Fosse, full half a league in length, is broad, and shaded by fine elms, and bordered with balconied terraces and warehouses. The Quays des Fraces and Port Maltard are also planted with trees, being at once well frequented promensdes, and the principal seato of commercial activity.

Nantes was formerly fortified, but its ramparts have been mostly demolished, and it is now an open town communicating with 4 considerable suburbs. Towards the E. end of the city are the Cours, with the Bosterser, W. of the Erdre, another fine promensde of the stands kind, are on a portion of the site formerly occupied by the fortifications. There

NANTES.

In the E. part of the city, skirting the river, is the large and imposing castle of the ancient dukes of Brittany, a mass of irregular buildings, surrounded by thick walls fanked with solid round towers. It was founded in the 10th, but it was not till the 15th, century, that it became a place of any great strength. It is now chiefly dismantled, and is the residence of the military governor, and a powder-magazine. Between the Erdre and Loire are some remains of the Chateau de Bouffly, a structure slos dating from the 10th century, consisting of some lofty walls surrounding a polygonal tower; and on the bank of the Loire are the ruins of the Tour de Pirmil, erected in 1865. The city is, in general, regularly laid out, and well built and paved. Most of its houses are of stone roofed with siste. There are between 30 and 40 squares, or rather open spaces; the principal of which, the Place Royale, is surrounded by handsome shops, and, together with the quartiers Grassins and Peyelesus, may be compared with the best parts of the capital.

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The different parts of the city communicate by numerous or the capital in the proof of the capital in the Place of the capital in the Plac

Anne of Brittany, in memory of her latner Francis 11., the last duke of that prov. No other church demands particular notics. The finest building in Nantes is the Profective. It was erected between 1750 and 1777, and was formerly appropriated to the Cour des Comptes. It has two noble fronts of the Ionic order, a fine statement, and several large halls and other good apartments: it is partly used as the depository of the departments it is partly used as the depository of the departments it is not the statement of the constructed chiefly within the present century; the theatre, in the Place Grastin, built in 1810, is, perhaps, the handsomest provincial theatre in France, after those of Bordesux and Dijon. The town-hall was commenced in 1607, since which it has received several additions: it has three façades, ornamented with Corinthian pilasters, and over its principal front are sculptured figures, emblematical of the Loire and Sevre. The remaining public buildings include the mint, corn exchange, and lines hall; the Hotel-Dies, on the 1sle Gloriette, erected in 1656, with 670 beds; the Hospital of Incurables; the Protestant church, formerly that of the Carmelites; mansion-bouse, chapter-house, the large prison, public slanghter-house, barracks, college; the museum, with an excellent mineralogical collection; the Sotorges, a general depôt for merchandles, &c.

Nantes is a bishop's see, the cap, of the 18th military division of the kingdom, the seat of a Lutheran consistory, of tribunals of primary jurisdiction and commerce, a chamber of commerce, &c.; and is the residence of the consuls of many foreign powers. It has a royal college, an academical society, 3 episcopal seminaries, a public library with 30,000 printed vols., and many valuable MSS., collections of engawings, paintings, and an observatory, and botante garden, schools of navigation, medicine, rading, &c., maternity and Protestant Bible societies, a savings bank, a mond de piét, and a maritime insurance office. The bank of Nantes has a capital of 200,0

Ships of 200 tons, in the ordinary state of the river, reach the city quaps without difficulty; but vessels of a larger burden have to load and unload to the roads of Paimboud, about 4 m. lower down the river. But ust Painboeuf, about M.m. lower down the river. But not-withstanding this disadvantage, the Loire, opposite the city, is crowded with inland craft, and vessels of all na-tions, but principally from N. Germany, Sweden, Den-mark, and Russia. Nantes, Brest, Pontivy, Redon, and other towns in Brittany, will directly communicate with each other on the completion of the canal from Nante to Brest, now in progress, and which, when finished, will have an entire length of about 250 m. The manufactures of this city are various, and on the increase. Coarse woollen-cloths and flannels, cambridge, printed cotton goods, handkerchiefs, tickings, and be-

printed cotton goods, handkerchiefs, tickings, and ho-iery, are made on a large scale, besides which there are extensive biscult-baking houses, chemical works, potteries, rope-walks, copper-foundries, manufactories of iron-cables, cannon, and other stores, with breweries,

fron-cables, cannon, and other stores, with breweries, sugar-bouses, tanyards, vinegar establishments, and ship-yards for the construction of merchantships, correcties, and smaller vessels.

Nantess was formerly famous for her quick saling vessels: but this is not the case at present, and more ships are now built at Bordesux. At Indret, near Nantes, on an island towards the mouth of the Lofre, the French government has lately founded an establishment for bailding steam-boats. In 1840, there were here 5 silys, on some of which, steam-boats of from 160 to 230 tons each were in course of being built; the establishment comployed altogether 900 workmen, and 4 marine engineers; and a sum of 2,000,000 fr. was

voted by the legislature for its maintenance. (Ports, &c. of Fronce, p. 152.) Large naval storehouses are established at Nantas, from which Brest, L'Orient, and Rochfort receive supplies both of provisions and ammunition. Previously to the revolution, the foreign trade of Nantes was much larger than at present; and during the time that the slave-trade was carried on, Nantes was more extensively engaged in it than any other French port. Now Marsellies and Havre both rank above her as commercial cities; but she is still the emporium of all the rich and extensive country traversed by the Loire, and has a considerable import and export trade, particularly with the French W. Indies, S. America, and the different ports of Europe. The exports comprise all sorts of French produce, but principally brandy, wine, and vinegar, silk, woollen, and line agong the compensation of the chief imports are sugar, coffee, and other colonial products; cotton, indigo, timber, hemp, &c. Nantes is likewise a considerable entrept for the commerce of the salt made in the dept., chiefly at Noirmoutier and Croisic. (See Loire Inventual.) The customs' dutles amount to about 15,000,000 fr. a year.

Subjoined is a statement of the French and foreign ships that entered and cleared from the port in 1836, specifying the departments in which the French ships were engaged, and the number in each.

Branch of Trade.	En	tered.	Cleared.	
	Ships.	Tons.	Ships.	Tons.
French ships in foreign trade colonial do. coanting do. fisheries Foreign ships Steam-venets chiefly to and from Bordesux	201 60 4,003 13 176	94,349 15,956 135,180 2,475 26,385 786	133 ° 84 4,303 139	18,517 19,291 90,187 22,708 1,040
	4,463	204,380	4,672	151,543

Of these, 40 vessels of 4,615 tons left in ballant.

2 Of these, 40 vessels of 4,615 tests left in ballest.

Of the vessels engaged in the fisheries 10 came from the banks of Newfoundland, laden with 15,665 cwt. of coddish and 280 cwts. of oil: 3 whalers brought in, during the same year, 13,435 cwts. of whale-oil, and 306 cwts. of whale-oil, and 506 cwts. of same whale oil of the same of same whale of many varieties, as well as the fine fruits of the S. of France, are abundant in the markets. According to Hugo, there are annually killed in Nantes 2,700 bullocks, 20,600 calves, 24,200 sheep, and 9,000 hogs.

The erro of the foundation of Nantes is unknown; but before the conquest of Gaul by the Romans, it was already a considerable city, and the cap of the Newsards, who distinguished themselves by their opposition to Julius Cassar. In 450, it was unsuccessfully besieged by the Huns, and, in the middle of the 5th century, was sacked by the Normans. In 993, it was added to the possessions of the dukes of Brittany, with whom it remained down to the union of that kingdom with France, by the marriage of Anne of Brittany to Louis XII. But Nantes is chiefly distinguished in history from the famous edict issued here in 1596 by Henry IV., and hence called the Edict of Nantes, which secured to the Protestants of orgent numbers of his most industrious subjects, was even more injurious to the kingdom than the victories of Mariborough and Eugene.

During the revolutionary phrensy, Nantes was the soene of the atrocities of Carrier, the most angulnary of the republican agents in the reign of terror. Nantes has produced numerous distinguished individuals, including Ar

ogens on France; Parl. Reports; Commerciae Leas, 9c.)

NANTUCKET, an island of the U. S. of America, state Massachusets, in the Atlantic, 26 m. S.E. the peninsula of Cape Cod, the port of Nantucket, being in ist. 41° 16° N., long. 70° 8° W. Pop., in 1860, 9,079. It is of triangular shape, about 15 m. in length, and from 4 to 10 m. broad, with an area of 29,240 acres. The land, which was originally conveyed, in 1659, by the Earl of Stirling to nine proprietors, and by them divided into 27 shares, is a joint-stock property to the present day; but the number of shares has increased to 3,000, held among the inhab., most of whom belong to the Society of

Friends. Little attention, however, is paid to agriculture, and both sheep and cows are fed on common patures. The pop. is chiefly emproyed in the whale or other fisheries, and the seamen have acquired great celebrity for their enterprise, skill, and success. In 1838, 13 ships and 3 schooners arrived in port, from the whale fishery, laden with 31,730 barrels of sperm oil, and 6,200 of whale oil. The town of Nantucket is situated on the arm of a smail bay on the N. W. side of the island; it comprises about 750 houses, chiefly of wood, several places of worship, 2 banks, 2 insurance companies, a woollen-cloth manufactory, and 30 spermaceti establishments, employing a capital of 600,000 dollars. Its harbouris nearly landlocked, tolerably deep, and well protected from all winds; a lighthouse stands at its S. extremity. In 1849, the aggregate burden of the vessels, belorging to this

handlocked, tolerably deep, and well protected from all winds; a lighthouse stands at its S. extremity. In 1849, the aggregate burden of the vessels, belorging to this port, amounted, according to the official returns, to 30,157 tons, that of the ships engaged in the fishery being estimated at about 25,000. Official Reports; Devenport's Gaz.; Encycl. Amer. 3c.)

NANTWICH, a market-town and par. of England, so. Chester, and hund. of its own name, on the Weaver, crossed here by a stone bridge, 175 m. S.W. Chester, and 46 m. W. N.W. London. Area of par. (comprising 5 townships), 3,490 acres. Pop., in 1841, 5,921: do. of township, 5,489. It is situated in a luxuriant vale near the borders of Staffordshire and Shropshire, is irregularly laid out, and comprises 3 principal streets, badly paved and lined with mean-looking houses, uniting near the church, a very beautiful cruciform building of red sandstone, built in the early English style, and highly ornamental, with an octagonal tower rising from the intersection of the nave and transepts. There are likewise several places of worship for Dissenters, with attached Sunday schools, which, in 1835, furnished instruction to 840 children of both sexes. Two endowed day-schools are attended by about 130 children; and there are several alms-houses, besides minor charities. A market-house and town-hall were built in the last century. Nantwich formerly over drem of both sexies. Two endowed day-schools are attended by about 130 children; and there are several alms-houses besides minor charities. A market-house and town-hall were built in the last century. Nantwich formerly owed its prosperity to the abundance of its salt springs; but only one spring is now worked, and nearly the whole trade has been removed to other places. Large quantities of excellent choese are made in the town and its fertile neighbourhood; besides which, the manufacture of shoes for the London market forms an important branch of industry. Cotton goods, also, are made here in considerable quantities; and in 1839 there was a cotton-mill, employing 111 hands. The glove trade is carried on to some extent. Great facilities of interpool, as well as by the Chester and Ellesmere, canals; and the Grand Junction Canal passes at only a few miles distance. Petty sessions for the hundred are held here; and it is the seat of a county court, before which 698 plaints were entered in 1848. Markets on Saturday; and lairs, May 15, June 13. Sept. 4., and Dec. 4. 18, 19.

Nantwich, mentioned in Domesday simply as "Wich," was the scene, in 1069, of an unsuccessful attempt by the Chesthremen to resist the advance of the Normans. In 1438 and 1838, the town suffered considerably from fire; and diuring the parliamentary wars, it was besieged by the royalists under Lord Byron, but soon afterwards relieved by Sir Thomas Fairfax. It also deserves notice, from having been the birthplace of General Harrison, one of the regicides, and of Milton's widow, who died here in 1736.

NAPLES (KINGDOM OF), otherwise

NAPLES (KINGDOM OF), otherwise called the Kingdom of the Two Sicilies, a European state of the second class, nearly identical with the Magna Gracia of antiquity, comprising the S. portion of Italy, with Sicily and the adjacent islands, included between the 36th and 43d degs. of N. lat., and the 12th and 19th of E. long. It has N. the Papal States, E. the Adriatic, and elsewhere the Mediterranean. Its total area may be estimated at about 42,000

total area may be estimated at about 42,000 sq. m., and its pop. at about 8,500,000.

The Neapolitan territory is divided into two principal portions, the continental and the insular, the first being called the Dominij al di qua del Faro (the country to this side the Faro, or straits of Messina) and the latter, the Dominij al di la del Faro (or the country beyond the Faro). The latter portion will be fully treated of under the head Sicilly; we have now only to deal with the continental portion, the area, population, subdivisions, &c. of which are as follow:—[See top of next col.]

Physical Geography. The continental part of the kingdom of Naples, the limits of which have scarcely varied for the last 8 centuries, is about 400 m. in length, N.N.W. to S.S.E., and 130 m. in its greatest breadth, from Cape Campanella to the Garganian promontory. Its shape is very irregular; at its S.R. extremity are the two peninsulas of Calabria and Otranto, forming one the foot and the other the heel of the boot which Italy

Naples (Nap-letano) Terra di Lavoro - Frincipato (Itra - Frincipato (Itra - Frincipato (Itra - Frincipato (Itra - Lavoro - Lavoro - Litra I Litra II Captzanara - Terra di Bari - Basilicata - Calabria Citra I Ultra II Ultra II Ultra II Total -	185 2,341 2,615 1,884 1,216 1,687 1,129 2,195 3,714 1,711 2,669 5,263 3,522 1,486 1,787	780,434 711,971 537,606 384,507 353,685 301,746 216,486 307,708 311,517 491,331 401,488 414,932 306,328 572,281 6.382,706	Naples. Capua- Salerno. Aveilino. Campohame. Chieti. Teramo. Aquiin. Poggia. Bart. Lecce. Potenza. Comma. Reggia. Reggia. Comma.

is supposed to resemble, while to the N.W. of the latter is the conspicuous promontory of Gargano, extending into the Adriatic, representing the spur. On the W. coast also are many promontories and headlands, as those of Sorrento, Gaeta, Baise, Cape Vaticano, and others, which respectively bound the Bay of Naples, the Guiphs of Gaeta, Salerno, Policastro, St. Eufemia, &c. The peninsulas of Calabria and Otranto inclose the extensive Guiph of Taranto, N. and S. of which are the less spacious Guiphs of Manfredonia and Squillace. The coasts are for the most part bold and abrupt, but the W. and S.W. are much more so than the E. and N.E. On either side, however, the kingdom has several good ports.

The surface of Naples, like that of the greater part of fally, is mountainous, but it contains extensive and beautiful plains and valleys, which under the influence of an invariably mild clinate present a luxuriance of vegetation, and a beauty of sceuery, hardly to be met with in any other part of Europe. The Apennines travers the kingdom nearly in its centre from end to end. In the Abruxti, where they reach their greatest altitude, they consist of three lateral ranges, but these unite near Isernia, and the main chain thence proceeds undivided to Monte Caruso, about 14 m. N. Potenza, where it finally bifurcates, the principal range running through Calabria to its farthest extremity, and a less elevated range through the S. part of Apulia. Many important smiftcations are given off by the Apannines, both before and after their bifurcation, as that forming the lotty promontory of Sorrento, that of Gargano, the mountain knot of La Sila in Calabria, &c. The Apennines rise to a much greater elevation in S. than in Central Italy. and after their bifurcation, as that forming the lofty promontory of Sorrento, that of Gargano, the mountain knot of La Sila in Calabria, &c. The Apennines rise to a much greater elevation in S. than in Central Italy. The Grass Sauso of Italia (M. Corno) in the Abruzzi, reaches the height of 10,185 Eng. ft., and M. Majella, in the same prov., that of 9,325 ft. There are some separate or detaclied groups of mountains, of which Vesuvius, though not the largest, is by far the most celebrazied. It owes this distinction to its situation close to the city of Naples, and still more to its having long been an active and sometimes a most destructive volcano. Mass if small provides the strength of the s and sometimes a most destructive volcano, Atmer ignis

institator.

The largest of the Neapolitan plains is that of Capitanata, having Foggia in its centre. It is mostly appropriated to pasture, and is in part sandy and arid. (See antie, p. 57.) But the most celebrated plain is that of the Terra di Lavoro round Naples, anciently the Campania Felix, an epithet to which it is still well entitled. The choicest gifts of nature have been lavished upon this noble plain. It is above 40 m. in length by from 15 m. to 30 m. in breadth, and, excepting Vesuvius and a ridge between Naples and Misenum, it is everywhere a dead level. The soil, which is deep and loamy, is of the most extraordinary fertility, frequently producing two crops in a season. It is carefully, if not skilfully, cultivated; the vegetation is most invariant; and is of the most extraordinary fertility, frequently producing two crops in a season. It is carefully, if not skii-fully, cultivated; the vegetation is most luxuriant; and being free from malaria, the air mild and genial, and the sky usually clear, it goes far to realise the poetical descriptions of the Elysian fields— Ownsiss non most lialia, sed toto orbe terraruss, pulcherrima Camponies plaga est. Nikil mollius calo: denique bis floribus versat. Nikil uberius solo: ideo Liberi Cereri certamen dictius. (Florus, lib. i. cap. 16.; see also suce. p. 57.) The rivers are numerous, but mostly inconsiderable. The principal are the Garigliano (an. Liris), and the Volturno flowing through Campania to the Mediterranean, the Pescara, Biferno, Candelaro, Cervaro, Ofanto (an. Aighdus), &c. falling into the Adriatic; and the Bradano, Basiento, Craul, &c. which carry their waters to the Gulph of Taranto.

The only lake of any size is that of Celano or Fucino

the Gulph of Taranto.

The only lake of any size is that of Celano or Fucino (an. Fucinas), in Abruzzo Ultra, 11 m. in length by 7 m. in its greatest breadth, in a basin surrounded by high mountains. This lake receives the waters of several considerable streams, and having no outlet is apt, occasionally, to overspread the surrounding country. To obviate this effect, the Emperor Claudius, in imitation of a similar undertaking at the Alban Lake (see Vol. I. 48, of this work), carried an emissario, or aqueduct, 3 m. in length, partly by tunnelling and partly by

excavating, from the Liris, through Monte Salviano, to the lake, by which its waters were at once reduced and prevented from again rising to a higher level. (See Sections in Clause. cap. 30.; Tacis. Anneal lib. xii. cap. 56, 57.) This great and useful work was, however, in later ages, suffered to fill up and become useless. Lat-

securating, from the Liris, through Monte Salviano, to the lake, by which its waters were at once reduced and prevented from again rising to a higher level. (See Sactonic in Classel. cap. 20; Tacil. Assael. lib. xil. cap. m. \$5, 37.) This great and useful work was, however, in later ages, suffered to fill up and become useless. Latity, however, it has been renovated under the direction of Affan de Rivera, in whose work (Considerasion) of the undertaking.

In respect of climate, S. Italy is artificially divided into three regions, according to the elevation of the surface. In the lower parts of the country, the winter his so main that eye the hingdom, the close, palm, and other tropical plants fourth in the open air. In the plants and valleys, near the foot of the mountains, snow fact the cold of winter is plercing and long continued. There is a marked difference in the climate on the R. and W. sides of the Apennines. In the plains of Apulla and Barf, for example, rain seldom falls; the ground is, in the cape of the Apennines. In the plains of Apulla and Barf, for example, rain seldom falls; the ground is, in the work of the kingdom, and especially in Campania, showers are frequent in summer, and in swinter the ground is saturated with meisture. At an average of the kingdom, the annual fall of rain may be sestimated at about 28 inches. Except in some marsh, it reacts to great. The heats of July, Aug., and Sept. are sometimes, however, rather hazardous, especially when the actroco, from the Syrian and Arabian deserts, a carest its permiclos influence. Its enervating and suffocating blast, notwithstanding the cooling it has such and the serious of the cooling and the doors and windows to exclude the air as much as possible.

Geology, Natural Products, &c. — Granike and greets, which are absent from the Apsensines of Continental kaples; but there are numerous extinct volcanoes, the crasters of some of which supply all ammoniac, sulplur, vitrio, alum, and other large cities, the streets are deserted but the predomin

or agreement and other branches of industry, it has made a very considerable progress during the last cen-tury, and especially during the last 30 years. When the Austrian dominion cassed, in 1738, the industry of Naples was at its lowest ebb. The abuses inherent in the feudal was at its lowest ebb. The abuses inherent in the feudal system had then attained to a maximum. The entire property of the country belonged to the crown, the church, the nobility, many of whom had vast entailed estates, and the corporations. The bulk of the people were in a state of predial slavery. Every feudal right

and service, however onerous and absurd, was rigidly insisted upon. The game laws existed in their utmost extent: justice, if we may so abuse the word, was ad-ministered in baronial courts; the services which the pea-santry had to render to their lords were not defined, and the could have been as the services.

insisted upon. In the grame laws extent: justice, if we may so abuse the word, was administered in baronial courts; the services which the peasantry had to render to their lords were not defined, and they could hardly do any thing except with their consent. The roads were neglected, commerce despised; the country, notwithstanding its fertility, frequently suffered from famine; and the people, oppressed, fleeced, and without the means of improving their condition, mostly sank into a state of indolence and apathy, while the more adventurous spirits became bandits and robbers. (See the Saggio Politico sest Regne delle Due Sicilie, by Det Ri, p. 16. and passim.)

The Bourbon government laudably exerted itself to suppress some of the worst of these disorders; and it so far succeeded as to introduce a better system of administration, to improve the roads and towns, and to provide, in some degree, for the growth of manufactures and commerce. But the abuses with which the whole frame of society were infected, were too deeply seated to be readicated by its feeble and timid hands. The wants of the country were set forth by Filangieri, and other able writers, but things continued nearly on their old footing until after the French had established their ascendancy in the countries on this side the Faro. We have already seen that Napoleon has an unquestionable title to be regarded as the best friend and benefactor of italy (see sate, p. 62.); and this, perhaps, is more especially true of Naples than of any other part of the peninsula. In 1806, Joseph Bonaparte, theu king of Naples, promulgated, no doubt with the approval of his brother, a law, which overturned the feudal system from its foundations, and produced an extraordinary and most beneficial change in the constitution of property and of society. The feudal system, "says this law," and all feudal jurisdiction are abolished; all towns, villagus, hamlets, are subjected to the same taxes as others. All feudal burdens, services, and dues of a personal nature, leveld from c

previously to the revolution that restored the Bourbons to the throne, were such as to render a return to the old state of things impossible. The nobility have, however, recovered some of their old privileges, and have been permitted to establish majorats. The attempts to restore the property and influence of the clergy have been prosecuted with greater zeal, and have been, perhaps, more successful. But, though many convents of monks and nuns have been again established, a com-

hape, more successful. But, though many convents of monks and nums have been again established, a comparatively small amount of property is now in their hands; and it is to be hoped that the growing intelligence of the people may at length put a final stop to this most wasteful and vicioth mode of employing the public wealth. The measures now noticed, coupled with the introduction of the law of equal succession in cases of intestacy, have had a much greater influence over the distribution of property than might, d priori, have been anticipated. It appears from the returns under the land-tax (Contribusione Fondiaria), that in 1832 there were in continental Naples no fewer than 1,419,121 properties rated to the tax, and that these were held by 1,062,172 individuals, showing that there is, in fact, nearly a proprietor for every family in this part of the kingdom! (Del Rê, Saggio Politico, p. 53.) As houses as well as land are rated to the land-tax, and as there are no means by which to classify the contributors according to the sums paid by each, we are unable to hasard any estimate of the size and value of the different clauses of properties. There can, however, be no doubt that the number of small and middle-sized properties has been prodigiously augmented. can, however, be no doubt that the number of small and middle-sized properties has been prodigiously sugmented since 1806. Indeed, the danger now is that the tendency to divide and subdivide estates should be carried too far. When all feudal privileges are abolished, and land is placed on the same footing as other property, the in-terests of society will be best promoted by adopting a system of primogeniture; and preventing, in as far as practicable, by indirect methods, the division of the land into minute portions.

practicable, by indirect methods, the division of the land into minute portions.

The method of holding land by tenants differs in different parts of Naples. In some of the richest and most populous districts round the capital and elsewhere, the land, when not occupied by the proprietor, is mostly let in small lots of 4 or 5 acres, on the métager system; but in general this system is but little followed, and in most parts of the country the land is either occupied

Soft NAFLES (R. by proprietors, or by tenants bolding under a lease of some years' duration at a fixed rent. The size of farms varies in different districts; and in those where pasture predominates, they are sometimes very large. But notwithstanding the impetus given to industry of late years, agriculture is still extremely backward. The nobility, who are usually involved in debt, care little for agriculture, and their tenants are mostly without either adequate capital or skill. Drainage in some quarters, and irrigation in others, though of essential importance, are generally neglected; and the sowing of artificial grasses, and even the application of manure, are compasses, and even the application of manure, are comand hrigation in others, though of essential importance are generally neglected; and the sowing of artificial grasses, and even the application of manure, are comparatively unknown. "Farming implements, carts, ploughs, and tools of every kind are of the most wretched description." (Macgregor.) The more common kinds of grain are wheat, maise, or Indian corn, and, in the colder situations, rye. In Calabria, and the more distant provinces, grain is thrashed out by driving cars over it, or by trampling it with the feet of horses and oxen. In many parts few or no ploughs are used in tillage. In the Campassia, for example, the soil is so very friable, that it is easily turned up, even by children; and such is its fertility than to fallows are required in its culture, and but little manure, the gathering in of one crop being followed by immediate preparations for another. According to Châteauvieux 6 crops are obtained round Naples in 5 years, exclusive of the produce of vines, fruits, and beans, which grow in the same land without prejudice to the corn crops. Most parts, indeed, of the kingdom, except where there is a deficiency of water, are extraordinarily fertile; the crops of wheat and maise are especially most abundant; and there can be no doubt that, with a skilitul and careful system of surfaculture, the kingdom might afford ample subsistence for 4 or 5 times its present population. But here, as elsewhere, fertility of the soil, and the mildness of the climate,

sepecially most abundant; and there can be no doubt that, with a skilful and careful system of agriculture, he kingdom might afford ample subsistence for 4 or 5 times its present population. But here, as elsewhere, the fertility of the soil, and the mildness of the ulimate, contribute, with bad government, to enfeeble the cultivators; and by lessening their wants, and enabling them to supply them with little labour, generate that indolence and pathy that are so universal. In the finest districts numerous families live in the meanest hovels, and in a state that in Great Britain would be reckoned to approach closely to absolute indigence. But under such a climate, and occupying such a soil, they do not often suffer the extreme of want. They rarely, however, partake of any of the enjoyments and inxuries of life, other than those which they share in common with the lower animals. Without ambition, or the desire of rising in the world, and without any knowledge of the ilberal, and but little of the mechanical arts, they pass their days in a state of brutish apathy and indifference.

The plain of Sorrento, according to Châteauvieux, is almost the only part of the kingdom of Naples where agriculture may be said to be skilfully and actively carried on. The rotation of crops is there, lat year, maise; 2d, wheat, succeeded by beant; 3d, cotton; 4th, wheat, followed by clover; oth, melons, followed by pease or beans; making 8 crops in 6 years. Next to the above, rice, barley, rye, onions, and other kitchen vegetables, oil, wine, hemp, flax, tobacco, saffron, and fruits of various kinds, form the principal products; and each might be produced in quantities at least equal to twice the consumption of the inhab. The colive is found in all the low and temperate parts of the country, and its culture is widely extended. In Apulia, especially, a great extent of land is covered with olive-trees, which frequently reach the ordinary size of oaks; and throughout the prov. of Bari, and a part of that of Otranto, a broad belt of olives of the government, would become of vast importance.
At an average of the three years ending with 1829, the exports of olive oil amounted to 2,800,128 staja a-year; exports of olive oil amounted to 2,800,133 staja a-year; whereas, at an average of the three years ending with 1833, 'the exports were 3,008,867 staja a-year, or above 6,000,000 imperial galloins. (Serristori, p. 61.) Gallipoil is one of the greatest marts in Italy for oil; and that shipped from it is considered equal to that of Genon or Lucca; a superiority for which it is mainly indebted to the influence of the tufa cisterns, in which the oil is purified before being shipped. (See Vol. 1. p. 878.) The Neapolitan wines are mostly full bodied, and some are of a good flavour; but the principle of the division of labour is very imperfectly understood, and, instead of being pursued as a separate branch, requiring the undivided attention of the husbandman, the culture of the

vine is commonly carried on upon the same farm with that of corn, olives, &c. In the Terra de Lavoro and other parts of the country, elms and poplars are seen, planted in rows for the support of the vines, the intermediate spaces being sown with corn, pulse, and other crops. In parts of the Abruszi, however, the vines are cut low, and tied to canes, as in France; and is the prov. of Otranto, they are cut off to about 3 feet above the ground, which is heed around them with a degree of care by no means general in S. Italy. The wines of Taranto, Gerace, and other parts of Apulia and Calabria, might become very superior by proper treatment. Round Vesuvius some fine growths are obtained, among which is the celebrated decrymas Christi: this, which is a red luscious wine, is fittle known except to visiters at the royal table at Naples, the quantity grown being small, and principally purchased for the court. On the whole, though the wines of Naples be probably superior to those of the rest of Italy; they are very inferior to those of France or Spain; are seldom met with out of Italy; and, except the sweet wines, are mostly converted into brandy.

Oranges and lemons are grown in large quantities in Capitanta and about Salerno and Reggio, from which latter town a good many are sent to France and Genoa; tobacco is pretty largely cultivated in Bari and Otranto, and asffron in Calabria Ultra, the Abruszi, and Basilicata. But, excepting flax and hemp, which are extensively cultivated, few crops furnish materials for manufactures; these, generally speaking, being imported from abroad. Liquorice is grown in Calabria and the Abruszi, and about 15,000 constart a-year of Julce are exported. Manna is a product of some importance in Calabria; it exudes from gashes cut in the bark of the manna-ash (Frances or result). mediate spaces being sown with corn, pulse, and other crops. In parts of the Abrussi, however, the vines are

from gashes cut in the bark of the manna-ash (Pracrimes ormus). The product is farmed by the crown; and the

ornus.). The product is farmed by the crown; and the labourers who cut the bark and collect the manna are debarred, while so employed, from attending to any other occupation, though they receive only a small pittance, amounting to 3 cartiss, or about 1s. for every rotate of manna they collect. Manna is also produced near Salerno, where, however, about 5 cartiss per rotate are paid for its collection.

The forests might become an important source of national wealth; but, in consequence of the suppression of the feudal system, the sale of monastic and other domains, and the division of the communal property under the French, numerous woods were felled, and the ground they occupied was subjected to tillage; but, after a sew favourable harvests, the soil was exhausted; and it was further exposed to the redoubled violence of inudations, which, by washing away the mould and stones from the favorable havetet, the solid was transfer ; and it was further exposed to the redoubled violence of inundations, which, by washing away the mould and stones from the mountain declivities, caused great injury to the lands below. For these reasons, in 1819, a special board of superintendence over forests, &c. was appointed; and it was forbidden to appropriate the ground occupied by woods to tillage, except where the site is level and fertile, or under certain other circumstances: neither is any proprietor allowed to fell timber without express permission. These regulations have checked the diminution of the woods; but their preservation has been next to useless; for although in many parts of the interior there is abundance of timber admirably adapted for ship-building, the roads and means of conveyance are so bad that its carriage to the coast would more than cover the cost of importing it into Naples from other countries. cost of importing it into Naples from other countries.
And, moreover, government discourages the efforts of individuals to improve the roads by prohibiting the export of timber, at the same time that it obliges it to be cut down by laying a heavy duty on the importation of

If we except sheep, the rearing of live stock is nucl attended to. There are estimated to be 4,000,0 head of sheep in the kingdom, a great number of which are nigratory, being kept on the mountains in summer, and driven, in winter, into the valleys, and the tandere of Apulia. The last-named region is a tract of about 95 tq. in. belonging to the crown, and which, a few short intervals excepted, has been wholly devoted to pas-turage from the time of the Romans, its tillage having, indeed, been prohibited. Under the French, however, a law was passed in 1806, which, for a time, completely changed the state of the taveliere. Instead of the ground changed the state of the tovotiers. Instead of the ground being farmed exclusively as pasture, a fixed erent was substituted; and every one was allowed to apply the land, as he pleased, to pasturage or tillage. But in 1817, this judicious law was repealed, and a new act passed, by the provisions of which (in order to keep up, as it was alleged, the due proportion between pasture and arable land,) no one was to till more than 1-5th part of his land, on penalty of paying a tenfold rent, &c. Latterly, however, we believe that this absurd enactment has been materially modified, it having fortunately been found impossible to enforce its provisions. The horned cattle are estimated at about 300,000 head, exclusive of about 80,000 buffaloes, which wander in large herds over the marshy plains in the N.W. The ones are of different breeds, and excellent quality, being NAPLES (KI mostly stall-fed, on vine leaves, maire, stubble, &c., except in Apulia, or districts where the pasture lands are very extensive. The horses are but indifferent: but a fine small active breed, with dark frissled hair, is peculiar to Calabria. Mules and asses are the most common beasts of burden. Hogs and goats are very numerous; the former, which are of a large, dark, hair-less breed, wander wild in the forest; the milk of the latter is converted into cheese. The herdamen throughout the kingdom are principally from the Abrussi.

Except in the S., where the cottages are sometimes built of stone, it is rare that the agricultural labourers inhabit any thing but wooden huts, roofed with straw or tiles, in which three or four generations often live together. They live almost wholly on vegetable food; and into this, fruits and pulse enter more largely than corn. Their clothes are coarse, and the dress of the shepherds and poorer peasantry consists almost solely of sheep or goat skins, with the hair outside. The wages of an ordinary field labourer may average about 16 green (or 6d.)

goat skins, with the nair outside. In evages of an ordinary field labourer may average about 16 grass (or 6d.) a day.

The culture of silk is widely diffused, and it now forms a valuable article of export from the kingdom. The greatest quantity of silk is produced in the prova of Lavoro, Principati, and Calabria, but especially the last. At Regglo, in particular, many families furnish houses expressly for rearing silk worms. The total produce of Naples was estimated, in 1832, at 800,000 lbs., of which 585,000 lbs., worth 2,005,000 ducats, were exported raw and wrought. (Servistori, p. 61.) The remainder is consumed in the country. The silk of Calabria is stronger and more compact than that of other parts of the kingdom a consequence, it is supposed, of the worms being fed with the leaf of the red mulberry peculiar to that prov. Buch less stantion is, however, paid to the culture of the mulberry, both there and throughout the Nespolitan dom, than in N. Italy. In the vicinity of Naples, where two crops of cocoons are annually collected, the breeders of silkworms are accustomed to buy mulberry leaves at a dear rate, at the same time that they use the poplar as a support for the vines in their farms.

The flakeries rank next to the foregoing branches of industry. The tunny (Scomber thymeus) frequents the

The fisheries rank next to the foregoing branches of industry. The tunny (Scomber thymens) frequents the W. coast in large shoals in the early part of the year, W. coast in large shoals in the sarly part of the year and the taking of the fish employs a large number of hands. Large meshed nets, perhaps 1,500 ft. in length, and divided into several compartments, are laid across the track of the shoals at a considerable distance from the shore, with which they are connected by strong line and nets of still larger meshes. The fish, having got into the nets, are prevented finding their way out again by the number of compartments; and after the lapse of a day or two, men in flat-bottomed boats surround the nets with harpoons, and kill the larger fish, which are sometimes 8 ft. in length. The whole draught is afterwards hauled on shore. Anchovies are caught in abundance in the spring; and many mullets are taken, the roes of which are made into botarga. A great many of the inhabs. of Taranto employ themselves in taking the shell-fish of the guiph, leaving the adjacent lands to be cuitivated by natives of Calabria and Abruzzo. But the quantity of fish taken for food is by no means equal to the home demand, and saited fish is a principal article of the home demand, and salted fish is a principal article of

Ine none Coral is raised on different parts of the coast.

Manufactures are, for the most part, domestic; and
the majority of the goods made scarcely ever find their
way out of the country. Of late years, however, manufactures have been considerably improved, and several
considerable manufacturing establishments are now to be
settle in different parts of the kingdom. Those of met with in different parts of the kingdom. silk are the most extensive; and next to them are those of wootlens, principally established in the capital and at Sora and Isola. Linen stuffs are made in several of the

of woollens, principally established in the capital and at Sora and Isola. Lines stuffs are made in accreal of the provincial towns, and there are numerous paper-mills. Naples has unsuffactures of gloves and straw hats, in imitation of those of Tuscany; and the princes of Butora and Gerace, with other partners, have established a considerable glass manufactory at Pausillipo. Reggio has manufactures of gloves, waistcoats, and hosiery; and Aveillino, of woollen cloth, sausages, and maccaroni. Campobasso is famed throughout the kingdom for its cutlery. The establishments in which it is made are on a very small scale. "Great was my surprise," says Mr. Craven, "at finding that the various articles of this nature are all fabricated in detached small workshops, containing little more than a common blacksmith's apparatus, and possessing so contracted an assortment of articles that I could with difficulty obtain a selection of a dozen knives and scissars. They all work by commission for dealers in the metropolis and other large towns, with such limited means and capital, that they are entirely incapacitated from executing and maintaining in their laboratories a collection exhibiting any thing like variety or choice." (Excursions in the Abrenzi, é.c. il. 142.) A miserable cotton factory, a sort of government monopoly established at Salerno, some time ago, and the Iron mine

and forge at Stilo, comprise nearly all the remaining branches of manufacturing industry. (Parl. Report, 1840; Chitesswieux, Hody, &c. pp. 187—296.; Von Rassmer's Haly, ii. 248—264.; Rampoldi, Simond, Crasen, Swindurne, &c. passim.)

Commerce. — The extraordinary fertility of her soil, the variety and superior quality of her raw products, and her admirable situation, give Naples the means of carrying on a very advantageous and extensive commerce. But her natural advantages have been, in this respect, all but nullified by the perverse policy of her government. Her oils, silks, sulphur, corn, wines, &c., would all meet with a ready and advantageous sale abroad, provided the manufactured goods and other products which foreigners have to give in exchange for them, were admitted on reasonable terms into the Neapolitan dominions. Such, however, has not been the case, the importation of a great many foreign articles having been prohibited, and those that were admitted having been loaded with oppres-sive duties. But this was not all; for some of the most important articles of native produce, ine. oil, argol, hemp, sulphur, skins, and wool, were subjected, on being exported, to heavy duties. But we are glad to have to say that of late years this feto de se policy has been considerably modified. The export duty on sulphur wholly ceased in 1846, and the discriminating duty of 30s. s ton on olive oil when exported on foreign bottoms has, also, ceased. Various reforeign bottoms has, also, ceased. ductions have been, also, made in the duties on imports; and but for the unfortunate disturbances by which Naples has latterly been agitated, the probability is that other and more considerable commercial reforms would have been effected. The bonding of goods is hardly permitted in any part of the kingdom; in other words, most foreign goods must pay duty on being imported, and no part of this duty is remitted, or drawn back, on their being again re-exported. Under such multiplied difficulties the wonder

is, not that the commerce of the country has been confined within comparatively narrow limits, but that it exists, and is so extensive as we find it to The great superiority enjoyed by Naples in the production of certain articles, and the wants of the people originating in the low state of manufactures, and the demand for colonial products, spices, dye-stuffs, and other indispensable articles, proved too strong for the anti-commer-cial policy of the government, and occasioned considerable intercourse with foreigners. accurate accounts have, however, been published of the quantities and values of the principal articles imported into, and exported from, the Neapolitan dominions; but, according to the information obtained by Mr. Macgregor and others, the value of the exports from the continental portion of the country may be estimated at about 2,000,000l., and that of the imports at about as much. The latter consist of cottons, woollens, linens, and other manufactured goods; sugar, coffee, and other colonial products; spices, dye-stuffs, salted fish, iron and hardware, &c. The exports consist principally of olive oil, silk, flax and hemp, wool, wine, corn, linseed, cream of tartar, rags, maccaroni, lamb and kid skins. liquorice, coral, bones, &c. The trade of con-tinental Naples principally centres in the capital; and the reader will find in the following article an account of the principal articles exported from it in 1847.

The principal weights in use are, the fb of 12 oncie = 11 os. avoird.; the rotolo = about 31 oz.; and the cantero of 100 rotoli = 1964 lbs. avoird. The tomolo of corn = 145 Winch. bushels; the barile of wine. &c. = 94 imp. galls.; the salma of oil = 354 imp. galls. nearly. The canna of 8 palmi = 6 ft. 11 in. Eng.; the valmo, divided into 12 once = 10.38 Eng. in. The Neapolitan mile of 7,000 palmi = about 1½ Eng. m.; the moggia = 73 Eng. acre. Accounts are kept in ducate (3s. 5½s. each) divided into 10 carini and 100 grani. (Babbi; Ser.

vistori.

casch) divided into 10 carlini and 100 grani. (Balbi; Serristori, Sc.).

The Goocramens is a monarchy, hereditary in both the
male and female line; and at present in the hands of a
branch of the house of Bourbon. The monarchy in respect to the continental portion of the kingdom, was
formerly quite unlimited, while Sicily had a parliament
of its own. But in 1821 a consulta was established for
each separate division of the Neapolitan dom.; that for
the continental portion consisting of 16 mems., and that
for Sicily of 8 mems., appointed by the government from
lists of candidates named by the inhabs. of the different
provs. Each consulta was presided over by a vice-president nominated by the king; and both assemblies frequently meet in one, termed the consulta generale, in
which a state minister, also appointed by the king, sat as
president. In 1837, these consulte particulari were permanently amalgamated into one parliament, which sits
at Naples. But the functions of this body are of the
most restricted description; and, as is truly observed in the
"Quadro del Governo," one wha altra suprema ausoriid legislativa che quella del monarce; casa è assoluta, ed in quadanque modo faccia cgil conoscere la sua
volontà debbano i sudditi obbedirir. The king is, however, assisted by a cabinet of 9 ministers, and a privy
council composed principally of noblemen.

Every province is governed by an intendente appointed
by the king, to whom all the internal administration of
the prov. is confided: at the head of every district (circondario) is a sub-intendent: and in every commune stori, &c.) The Govern

by the king, to whom all the internal administration of the prov. is confided: at the head of every district (cir-condersio) is a sub-intendent; and in every commune a syndic or mayor. Each commune has also a body of decurions elected from the heads of families paying taxes of from 12 to 34 ducats a year, according to circum-stances, and who consult, under the presidency of the syndic, on the affairs of the commune, fixing the rates, and according to which the syndic. syndic, on the affairs of the commune, fixing the rates, and appointing municipal officers; but their resolutions do not acquire the force of law till they have received the sanction of the intendente. Every district has a council of 10 mems.; and in every prov. is a council of from 15 to 20 mems., nominated by the communes, and chosen by the minister of the interior; which council assembles once a year to examine the proposals of the district councils, to draw up, under the direction of the intendant, the projects proposed for the prov., and to examine ant, the projects proposed for the prov., and to examine the provincial accounts, &c. The provincial council must not, however, consult upon any matters but such as are submitted to it; and the entire authority in the prov. remains with the intendant and his council, which con-

sist of from 3 to 5 mems., and is formed after the model of the French conscil de préfecture. Justice is administered in a supreme court of cassasist of from 3 to 5 mems., and is formed after the model of the French conseil de prifecture.

Justice is administered in a supreme court of cassation in the capital; high civil courts at Naples, Aquila, Trani, and Catanzaro; civil and criminal courts in the capital of each province, by a judge d'instrussions in each district, with authority from the provincial criminal court; and by a conciliatore in each commune, who decide in cases to the amount of 6 ducats. In 1834, tribunals of commerce were in operation at Naples, Foggia, and Mondelone. Judges, as well as most other functionaries, usually hold their appointments for 3 years. Trials are public, and the code of laws, as well as the judicial forms, established by the French, have been generally adopted, except that trials by jury are unknown. Some late statistics and details show that the average of persons accused is as 1 to 1,020, and of those convicted as 1 to 1 428 of the pop. Of 5,813 accusations, in a given period, 104 were for offences against religion, 996 for homicide, intentional or otherwise, and 1,703 for violations of property. In Capitanata, 1 in 607 of the pop. was convicted; in Abruszo Ultra, 1 in 2,611. The proportion of the accused, was 1 in 589 of the rural pop., 1 in 199 of artisans and servants, 1 in 506 of persons occupied in liberal arts, and 1 in 2,819 of landed proprietors. (Von Rasser's Ludy, 7c. if, 239—230.) According to these reports, Capitanata is a province distinguished for crime; and both it and Sannio have been, in fact, noted for brigandage on a large scale. Mr. Craven states, that even the favourite amusements of the children, in some districts in these provinces, consist in mock representations of rotberles. Under the French, the police was well or robberles. Under the French, the police was well or robberles. Under the French, the police was well or robberles. Under the French, the police was well or robberles. Under the French, the police was well or robberles. Under the French, the police was well or robberles. Under t

INGDOM OF).

cording to Serristori there were altogether, in 1837, 85,304 secular, and 20,906 regular clergy. Under the French, in 1807, about 220 convents were dissolved, their conventual property sold to pay the creditors of the state, and the monks, &c. allowed only a small stipend annually, which sum was afterwards considerably diminished. But, as already stated, since 1820, every thing has been moving in the contrary direction. Many convents and religious foundations have been restored; many new ecclesiastical fraternities founded; and the Jesuits have been re-established and endowed. According to the concordat concluded with the Papal court is 1818, the pope has the sole privilege of confirming the archbishops and bishops of the Neapolitan dominions in their sees, with other important privileges. Still, however, "the Neapolitan government does not allow the publication and application of any Papal rescripts without its own consent, and displays such firmness, nay, sometimes severity, in matters concerning the bishops and clergy, as the court of Rome would scarcely suffer a Protestant sovereign to exercise without reprimand." (Rasmer's Italy, &c. ii. 212.)

Public instruction is in the most miserable state. Popular or elementary instruction is confided to the clergy.

pular or elementary instruction is confided to the cle pular or elementary instruction is confided to the clergy. The jesuits have, since their re-establishment in 1825, opened day-schools for the gratis instruction of youth, though they have not yet been allowed to re-open their former colleges for lay-boarders. There are grammar schools, as in other parts of Italy; and some attempts have been made to establish Lancastrian schools in Nahave been made to establish Lancastrian schools in Na-ples, but they seem to have failed. Jossmand of Educ. v. 25.) There is, or ought to be, a primary school for boys in every commune; but there are few, if any, primary schools for girls, and seminaries for teachers have only just begun to be established. In some of the prove., scarcely one in 150 or 160 persons learns to read

and write.

have only just begun to be established. In some of the prova, scarcely one in 150 or 160 persons learns to rease and write.

Naples has a university, with faculties of theology, physics and mathematics, literature, jurisprudence, and medicine, which is attended by about 1.500 students; royal presums in Naples, Salerno, Bari, Catanzaro, and Aquila; royal colleges in all the other provincial cape, and 42 secondary schools; in which, however, little is taught beyond reading and writing, and the mere elements of Latin and Greek. But, with the exception of mathematics, antiquities, and perhaps physic, all the higher branches of science and philosophy are in the most degraded state; and even the fine arts have not escaped the general paralysis.

In 1811, a royal society of science was established in Naples, which has been replaced by the Royal Borbonic Society, with 60 mems. In 3 divisions: many other institutions which were founded by the French have disappeared in the kingdon; of these, some that were scientific journals had a high character, but the others were mostly indifferent or worthless. The censorship of the press prevents native talent, if it exist, from disinguishing itself; and the oppressive duties on foreign books hinders the people from acquiring that information from abroad which they cannot obtain at home. Monti framentarii are established in the different towns for the relief of the poor, in which contributions of corn are received and distributed to the indigent. The hospitals and other charitable foundations were formerly very rich; but they suffered a good deal from the encroachments on their funds by the French government. Their revenue, however, amounts at present (1840) to about 1,500,000 docasts a year: they are generally managed by the clergy. Prisoners in public gaols are allowed, but not compelied, to work.

But the provision for the poor is certainly inadequate; and owing partly to this, and partly to the defective state of the police, mendicancy is excessively prevalent. Mr. Maclaren sa

one of the greatest nulsances a traveller has to endure."

The sulliary force in 1848 amounted to nearly 49,000 men, of whom 32,000 were infantry of the line, 5,000 cavairy, 4,000 artillery and engineers, and 8,000 gradomers. In time of war, the effective force amounts to

64,237 men.
From the completion of the 18th to that of the 25th year every one (with certain exceptions) is liable to the conscription. A law of 1834 fixes the time of service at conscription. A law of 1834 fixes the time of service at 5 years in the army and 5 years in the reserve: but gendarmes, artillerymen, and volunteers, serve 8 years without reserve. A provincial militia was instituted in 1818; but it was suppressed 3 years afterwards. The soldiers have, at different times, been employed in useful public works, such as paving the streets, &c.; but it must be added, that the troops are ill paid, and deficient in courage, morale, and most of the qualities that constitute good soldiers. In fact, 25,000 English, French, NAPLES.

br Austrian troops, would suffice to conquer and retain the kingdom. The principal fortresses are Civiteila del Tronto, Pescara, Aquila, Gaeta and Capua, all in the N. provs.: Manfredonia, Brindisi, and Taranto, are only partially fortified.

N. prova.: Manfredonia, Brindisi, and Taranto, are only partially fortified.

The newed force consists of 2 ships of the line, 5 frigates, 2 corvettes, and a number of smaller vessels, mounting altogether 496 guns. There are 3 battalions of marines, 2 of 1,000 men each, and 1 of 600 men. The principal dockyard is at Castellamare, in the bay of Naples. (Servistori, Oudinot, 3c.)

The revenues are derived partly from direct and partly from indirect taxes. Of the former the contribusione foundaria, or land-tax, is by far the most important. Previously to the French rigine, the estates of the church and the nobility were exempted from direct taxation; but the French made an end of this unjust distinction, but the French made an end of this unjust distinction, only imposed the contribusione fondairia equally on all descriptions of land, without reference to fts proprietors or occupants. The tax was originally fixed at 35 per cent. Of the rent, and has not since been changed. The other principal sources of revenue are the customs duties, the tolis on articles consumed in the different towns, the salt and tobacco monopolies, lottery, &c. The indirect taxes paid by the different districts are insured by companies of the inhab., who collect them at a certain per centage. We are not sufficiently informed as to the working of this plan to be able to say whether it be as advantageous as it is ingenious. We subjoin an Account of the lineous and Expenditure of the

Account of the Income and Expenditure of the Kingdom of Naples in 1836.

Bevenue.		Expenditure.		
Land and direct taxes Costoms and con- cumption does Sait Tolseco Son, paperwider, Son, paperwider, Son, paperwider, Son, paper Son, Sc. Lottery Sinking fund, &c. Deductions from sala- ries, &c. Onch furnished by Sicily	5,801,000	President of the Council of Ministry of Foreign Ministry of Foreign Address Justice Religion principle of the Civil list, interest on debt, Sec. Marine Police Police	Ducate. 54,000 250,000 729,000 40,000 14,353,000 7,200,000 1,385,000 207,000 1,879,000	
	26,093,000 Servistori,	Statist, delle Due	26,100,000 Sicilie.)	

History.—At a very early period, most part of the coasts of Naples and Skilly were occupied by Greek colonists, the founders of some of the greatest and most Sourishing cities of the ancient world. They received from this circumstance the mane of Magnes Gracia. Continental Naples was wholly subjugated by the Romans soon after their war with Pyrrhus; and formed a most valuable portion of their empire. In modern times it has undergone many vicissitudes. It was united to Spain in the early part of the 16th century; and continued, as an apanage of that kingdom, to be governed by viceroys sent from Madrid, till the treaty of Utrecht, when it was ceded to Austria. In 1734 it was erected into an independent monarchy, under the Infanta Don Carlos of Spain, who took the name of Charles III. It continued under the Bourbon dynasty till 1796, when it was everrun by the French, who held it from 1803 till 1815.

These circumstances account in part, at least, for the degraded character of the Neapolitans. Down to the invasion of the French they had groaned under a succession of tyramical or imbecile rulers: and with such a government, and with the feudal system in full vigour, a servile and ignorant nobility, a priesthood always ready to protect and absolve every scoundred who had money and power, it would have been a miracle had the people not become as worthless, as corrupt, and as degraded as their rulers. Had the government of the French been continued for half a century, the regeneration of the country might have been effected. But Naples has again become the prey of dotage and imbedility. And till account improvement in the condition or character of the people. Naples (an. Parthenope and Nespolis), a famous city and sea-port of Italy, cap. of the above kingdom, and the residence of the sovereign, on its W. coast, on the N. side of the bay or guiph of Naples, 118 m. S.E. Rome, in the immediate vicinity of Vesuvius, the lower elevations of which approach to within a little distance of the city, on the S.E.; ist. (Fort St.

S.E. Rome, in the immediate vicinity of Vesuvius, the lower elevations of which approach to within a little distance of the dity, on the S.E.; ist. (Fort St. Elmo), 40° 50° N., long. 14° 15° 50° E. Pop., in 1877, 261,719; but, owing to the ravages of cholera in the course of that year, the pop. was reduced, in 1848, to 336,303. It had, however, increased, in 1848, to 400,813, ex. strangers and

troops; and this may be about its present pop. The situation of Naples is one of the finest that can be imagined. Seated partly on the declivity of a hill, and partly on the margin of a spacious bay, it spreads its buildings along the shore, and covers the shelving coasts and adjacent eminences with its villas and gardens. Its suburbs stretch in a magnificent and lengthened sweep, from Portici on the E., to the promontory of Misenum on the W. The bay is extensive, and presents an almost unrivalled assemblage of picturesque and beautiful scenery. On its N.W. side, the shores of Postuoli rise in a gentle swell from the surface of the water; while on the E., Vesuvius, with its verdant sides and black smoking summit, bounds the prospect: the centre contains the city, with its palaces, churches, and gardens, rising one above the other, backed by the heights on which are the royal palace of Capo id Monte, the observatory, and the Castle of St. Kimo. The view from the city seawards commands the whole sweep of the bay, bounded on the S. by the promontory of Sorrentum, and having near its mouth the islands of Capri ischia, &c. The clearness of the atmosphere, and the mildness of the climate, complete the gratification inspired by the scene, and justify the epithest of miss given to the city by the ancients. The city has an oblong form; but, when sived from an elevated position, such as the Carthusian monastery, the castle of St. Elmo, or the church of Santa Maria dal Partu, it appears irregular, the surrounding country being so studded with houses and villages, that its impracticable to mark the line of separation between the town and the environs.

But it is principally in respect of its situation that Naples

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it is impracticable to mark the line of separation between the town and the environs.

But it is principally in respect of its situation that Naples is superior to most other cities. The streets, indeed, are generally straight and well pared, though without footpaths; but they are universally narrow, and being hordered by lofty houses, have a dark gloomy appearance, that contrasts singularly with the splendour of the surrounding country. The Strada di Toledo, the principal street, having at the one end the Plassa di Mercato, and on the other the royal palace, runs N. and S. for about a mile; but it is only from 40 to 60 ft. in width, while the houses on either side are from 5 to 7 stories in height. Few of the other streets are more than 30 ft. in width, and many not more than from 15 to 30 ft., and some not so much. The houses are fast-roofed, and covered with a kind of stucco made of Pozsolana sand, which becomes indurated on exposure to the atmosphere. Most of them have balconies in front; and these, and the hooths and stalls, with which the streets are constantly are. There are several open spaces or larghi; for they

occupied, make them look narrower than they really are. There are several open spaces or larght; for they cannot be called squares; but they are very irregular both in aspect and plan. The principal are the Large di Castello, the Large di Palazzo, and the Plazza di Mercato. Some of the larght are decorated with fountains and obelisks; and the city is, on the whole, pretty well supplied with water.

The houses in Naples bear no analogy to those in London, but correspond pretty closely to those of Paris, except that they are generally on a larger scale. "You see," says Mr. Maclaren, "a vast tenement, with a front as long as that of Edinburgh College, but two stories higher—a grande porte, as large as the college gate, and decorated, too, with columns. To his porte opens into a court as long as the building, but perhaps only 30 or 40 ft. wide. The tenement, in fact, forms a parallelogram, built all round the court, with wide spacious opens into a court as long as the building, but perhaps only 30 or 40 ft. wide. The tenement, in fact, forms a parallelogram, built all round the court, with wide spacious stairs in each of its interior fronts. The whole of the ground story externally consists of a series of arched cells, probably 10 ft. wide, 13 ft. high, and 15 or 20 ft. deep. These are occupied as sale shops, cafes, and workshops. The door is always in three high and narrow divisions; in cold or wet weather the middle only is opened; in mild weather all the three are folded back, and the business is carried on in the open air. In cell No. 1, for instance, you have an oil-shop; in No. 2, tripe, samages, &c.; in No. 3. cloth of some kind; in No. 4, sacks of flour; in No. 5. a coppersmith hammering away; in No. 6, you see half a dozen tailors stitching; in No. 7, you find a confectioner, who is kneading the dough on his counter; in No. 8. a modista, or dealer in women's dresses; in No. 9. a carpenter; in No. 11. a bookseller; in No. 12. a watchmaker. The cells are all of the same shape and size, and not one front only, but often all the four external fronts of the building are thus arranged and occupied. Such a building is called a padezso, which does not mean a palace, but simply a house, or, rather, a tenement, in the ground story of which a crowd of shop-keepers and artisans carry on their business, and in the upper part a crowd of other persons live. Naples is almost entirely composed of palaszos, great or small, such as I have described, and they are crowded together amaxingly. The ground may be said to bear a crop of houses, as a field bears a crop of corn; for gardens, or open plots of ground for drying clothes, or securing the advantages of light and sir, are never dreamed of here, except as appendages to villas in the suburbs. In one

^{*} The public debt in 1836 amounted to 4.857.000 does

NAPLES.

thing Naples is magnificent—its street pavement, which invariably consists of squared blocks of lara, joined as closely and correctly as the flags of our foot pavement. They are said to be laid in mortar, as the old Roman roads were, and hence may be considered as built roads. So firm is the work, that you never see one block an inch higher or lower than another." (Notes, p. 51.) There is not, however, a single shop in Naples, that would be reckoned handsome is London or Paris. Neither has it any good coffee-house or restaurant.

Notwithstanding his diagnostitum to enlocise Rustage.

it any good coffee-house or restaurant.

Notwithstanding his disposition to eulogise, Rustace admits that Naples has but little architectural magnificence. The prevailing taste, if a series of absurd fashions deserve that name, has always been bad. Moresco, Spanish, and Roman, corrupted and intermingled together, destroy all appearance of unity and symmetry, and form a monstrous jumble of discordance. Hence, the magnificence of the churches and palaces consists principally in their magnitude, and their paintings, marbles, and other decorations.

The cathedral built on or near the site of a temple of

cipally in their magnitude, and their paintings, marbles, and other decorations.

The cathedral, built on or near the site of a temple of Apollo, a large Gothic edifice, is overcharged with ornaments in the most discordant style. It is supported by more than 100 granite columns, which originally belonged to the edifice it has replaced. In the subterranean chapel, under the choir, is the body of St. Gennaro, the tutelary saint of Naples, whose blood, carefully preserved in a crystal vase, and miraculously liquefied three times a year, is regarded by the orthodox Neapolitans as the boast of the cathedral, and the great glory and honour of the city. The Santi Apostoli, erected on the ruins of a temple of Mercury, is perhaps the most ancient church in the city, having, it is alleged, been originally erected by Constantine, but subsequently rebuilt with greater magnificence. The churches of St. Paul, St. Filippo Nerl, Spirito Santo, and S. Martino, are all well deserving of attention; the latter, indeed, is said to be the most splendid and beautiful church in the city. The church Del Partu, though inferior to most others in size and decorations, deserves notice from the fact of its having been erected and dedicated to the Firgini parient, by Sannazarius, author of the famous Latin poem De Partu Virginis. It contains the remains of its illustrious founder, a native of the city where he expired in 1530, inclosed in a magnificent tomb, with the following distich by Bembo:—

"De secre cheri fores: he like Mareni Sproorus" mag prozimas, ut pounde."

Da sacra cineri flores : hic ille Maroni Syncerus * musa proximus, ut tumulo."

Synowus * musa preximas, ut turnulo.*

In all there are said to be about 200 churches in the city; and the priests compose a large, though, certainly not the most valuable, part of the pop.

The Neapolitans appear to entertain the most perfect indifference as to the mamner in which their mortal remains are disposed of. The great burying place of the city lies alongside the splendid road leading to the Campo Marxio. It consists of 285 deep cells, dug into the Possolana, of which the hill is composed. One of these cells is opened in rotation every morning, and receives all the dead bodies of the day, brought in carts, and tumbled into it, like as much rubbish; this done, it is shut up again for a year, and is then opened to receive a fresh supply of carcases! But, exclusive of this vast golgotha, a considerable number of funerals take place in churches.

The pelaces and mansions of the nobility, like the

alress supply of carcase? Dut, excusive or this vanigolgotha, a considerable number of funerals take place
in churches.

The palaces and mansions of the nobility, like the
churches, have little pretensions to purity of architecture;
and though in many the apartments are on a grand scale,
they are in general too much loaded with ornaments. The
kings of Naples have been distinguished by their rage for
building. The royal palace (Polasso reale) in the city,
near the quay, at the 8: extremity of the Strad all Toleco,
though a part only of the original design, is a vast building, 3 stories in height, with 4 interior courts; the first
story is of the Doric, the second the lonic, and the third
the Corinthian order of architecture. Its interior is
splendidly fitted up, and it has some good paintings.
Another royal residence, the Capo di Monte, finely
attuated on an eminence outside the town, on the N.,
commands a magnificent view. It has attached to it
some fine gardens; and it possessed, a few years ago,
some remains of the famous Parma gallery, including
portraits by Rapbael, Andrea del Sarto, and Parmegiano,
and some fine sculptures; these, however, have been
mostly removed to the museum. This palace is now
united to the city by a magnificent road, constructed
by the French, and called, during their ascendancy, the
Strada di Napoleone. The old palace of the Neapolitan
monarchs is now occupied by the courts of justice, and
by the archives of the kingdom.

The Palaxxo degil Stradii Publici, erected in the early
part of the 17th century, from designs by Fontana, is,
by far, the most interesting building in Naples. It was
intended for the university, and was used as such from
1616, when it was completed, down to 1790, when the
university was removed to the convent of Gesu. Vecchio,
when the archives of the convent of Gesu. Vecchio,

* A Latin name given to Sannazarius.

and the Palaszo degli Studii was converted into a great national museum, the *Museo Borbonico*. In addition to a noble library, comprising about 150,000 vols., and many MSS., this museum contains a matchless collection

and the Falses's degin Statem was converted into a great national museum, the Misco Borbosico. In addition is a noble library, comprising about 150,000 vola., and many MSS., this museum contains a matchless collection of bronzes, gems, paintings, household furniture, papyri, and Etruscan vases, from Herculaneum, Pompeli, Stabias, Nola, Capua, and other ancient cities: and, in addition to these treasures, which are, in all respective, unique and unrivalled, it contains, exclusive of others, unique and unrivalled, it contains, exclusive is, in fact, inferior only to those of the capital and Vatican, and the gallery at Florence, while in paintings it yields only to Rome, Florence, and Bologna. But, despite all the gallery at Florence, and Bologna. But, despite all the reasures of the studii, Naples is not at present either a school or a cradle of art, which is at a lower ebb here than in any other considerable city of Italy.

The university of Naples, founded in 1226, has above 1,500 students. It is presided over by a rector, and divided into faculties, under deans, who, with the processors, receive very inadequate salaries from the crown. The professors are frequently chosen with little regard to merit; and the instruction they afford in all the higher branches of science and phillosophy is most inefficient and worthless. Public law, moral and political phillosophy, and even theology, can hardly be said to be taught at all; or, if taught, the instruction is not intended to expand or enlighten the mind, but to imbust it with the grossest prejudices. There are, besides the university, many superior, as well as inferior, schools; but, speaking generally, they are all miserably bad

missionaries. exceeding 6.

exceeding 6.

Naples has numerous and some very extensive establishments for the support and relief of the poor, including a school for the deaf and dumb, and an asylum for the blind. The two principal hospitals are those, Degli Incurabili, and Della Ansessusials: the former, netwithstanding its name, is open to the sick of all descriptions, and has a revenue of about 300,000 duc. a year. The latter is destined to receive foundlings and pentient females. Here, however, as everywhere else, the open-ductive of a vast amount of mortality and immorality. Their influence in the latter respect is too obvious to require illustration; and they are really the most efficient means that could be devised for occasioning the destruction of the children they are intended to preserve. In Naples, for example, in 1837, 2,319 children were taken to the different receiving houses attached to the Foundling Hospital, of which 1,694 died in the course of the year it the greater number belng, in fact, in Founding Hospital, of which 1,694 died in the course of the year i the greater number being, in fact, in a dead or dying state when they were received! The truth is that instead of discouraging, founding hospitals really act as a powerful incentive to infanticide. The Rectssorio, or Albergo de Poveri, is an immense workhouse, or rather asylum for the destitute poor who are able to work, and for orphans and poor children of both sexes, who are lodged and educated. The hospital of San Gennaro, near the hill of Capo-di-Monte, is intended for the recention of lafter and away poor, or your mables

Sam Gennaro, near the hill of Capo-di. Monte, is intended for the reception of infirm and aged poor, or poor unable to work. But, despite its hospitals, such is the want of industry, and the defects of the police, that there probably is no other city whose streets are infested by so large a proportion of poor, miserable, wretched mendicants. Naples has 6 or 7 theatres. That of San Carlo, the largest and finest in Italy, was nearly burnt down in 1818; but it was soon after repaired, and re-opened with more than its original splendour. Among the minor theatree, 2 or 3 are wholly devoted to the exhibition of Pulcinelia, or Punch, who is here seen in his glory. "What," asks Forsyth, "is a drama in Naples without Punch? or what is Punch out of Naples? Here, in his native tongue, and among his own countrymen. Punch is a person of real power; he deresses up and retails all the drolleries of the day; he is the channel, and sometimes the source, of the passing opinions; he can inflict

NAPLES.

ridicule, he could gain a mob, or keep the whole king-dom in good humour. Such was De Fiori, the Aris-tophanes of his nation, immortal in buffoonery." (P. 383.) The finest promeased is that called the Chiaja, ex-tending along the shore from the Castello dell' Ovo, E.

renumg atong the shore from the Castello dell' Övo, E. to Virgil's tomb and the hill of Pausilippo: it is in part planted and ornamented with statues and fountains, and is, altogether, one of the finest public walks that is any where to be met with. The mole aiso is a favourite promenade, and the quays that stretch E. from it towards Portici.

Though Naples could offer no effectual resistance to an invading armament, it is not sitogether unprovided with the means of defence, having the castle of St. Elmo on a hill on its N.W. side, the Castello Nuovo adjoining on a hill on its N. W. side, the Castello Nuovo adjoining the royal palace and the bay, and the Castello dell 'Ovo on a rock projecting into the sea. The Castello Nuovo is so situated as to afford a safe retreat to the royal family and court in the event of any disturbance in the capital. The castle of St. Rimo has extensive subterranean bomb-proof works. The areenal and cannon foundry are situ-ated between the Palaxso Reale and the sea.

proof works. The arsenal and cannon foundry are situated between the Palasso Rade and the sea.

A vast number of employments must necessarily be carried on in so great a city; but there are few manufacturing establishments on any thing like a large scale. Some woollen, silk, and linen stuffing a large scale. Some woollen, silk, and linen stuffing are, however, produced; as are batis, gloves, earthenware, jewellery, &c.; foundries, wrought on account of government, furnish cannon, fire-arms, iron cables, &c. The preparation of maccaroni may, however, be said to be the distinguishing pusiness of Naples. It forms the principal food of the bulk of the population, and is, therefore, largely produced. The best maccaroni is made of the four of the hard wheat (Gremo elsev) brought from the Black Sea. Being mixed with water, it is kneeded by means of heavy wooden blocks wrought by levers, till it acquires a sufficient degree of tenacity; it is them forced, by simple pressure, through a number of holes, so contrived that it is formed into hollow cylinders. The name given to the tubes depends on their diameter; those of the largest size being maccaroni, the next to them vermicelli, and the smallest fedelini. When properly prepared and boiled to a nicety, Neapolitan maccaroni assumes a greenish tinge. It is then taken out of the caldron, drained of the water, and being saturated with concentrated meat gravy, and sprinkled with finely grated cheese, forms a dish of which all classes, from the prince to the beggar, are pasionately fond. But the maccaroni used by the poor is merely boiled in plain water, and it is rarely eaten with any condiment whatever. When properly prepared it is nutritious and easy of digestion. The Laszaroni plue themselves on the dextertity with which they swallow long strings of maccaroni and vermicelli without treaking them.

Commerce. — The harbour of Naples is formed by a ing them.

ing them.

Commerce. — The harbour of Naples is formed by a mode projecting from the eastre of the city, nearly in the form of the letter I, having a light-house on its elbow. Immediately within the mole there are from 3 to 4 fathoms water, the ground being soû, but only small vessels can approach the town. The water in the bay is deep, and there is no bar, but it is a good deal exposed to the S. westerly winds; and to guard against their in. Suence, vessels in the bay moor with open hawse in that direction. For remarks on the system under which the trade of Naples and the kingdom generally is conducted, we beg to refer to the previous article. Subjoined is

An Account of the Quantities of the principal Articles exported from the Port of Naples in 1847.

Articles.	Quantities.	Articles.	Quantities.	
Argol cant. Cream of tarter	1,673 6,958 800	Wool cant. Weellen caps No.		
Nuts and walnuts -	3,411 700	Do. rags cant. Kkins, lamb and kid No.	-,	
Fruit, dried - Exemce of oranges -	8,905 95	Do. other kinds		
Lemon juice casks Liquorice paste	721	Leather gloves doz. Bônes cant.	4,580	
Justed paste -	13,949 3,460	Bone shavings Hoofs	5,350 610	
Potatore Maccaroni	2,625 1,940 1,587	Coral	342 3,643 20,075	
lay and straw	12,494	Tallow - cant.	7,005	
demp cant.	3,597 20.393	Potesh Tiles, glazed No.	1,562	
lo, ground	2,811 1,660 154	Casks Staves	6,515	
affres	40 860	Horps bundles Brandy - casks Wine bottles	22,70v	
ilk, raw	800 843	Do casks Tinder - cant.		
O, Waste -	211	Pigeon dung -	7.382	

luring the same year, there cleared out from the harhour 452 ships, of which 352 were Neapolitans, 162 British, 6 Freuch, 19 Sardinian, 1 Tuscan, &c. The agg. burden of the registered vessels belonging to Naples and Castellamare amounts to nearly 100,000 tons. The duties collected at the Neapolitan custom-house amount, at an average, to about 3,500,000 ducats or about 600,000. a year.

a year.

There are 4 or 5 companies for the insurance of ships, and I for lives. Their terms are generally higher than those of similar establishments in London. Houses are never insured at Naples, their construction rendering fires very rare. The companies are established by royal authority, the shareholders being only liable for the amount of their shares.

The principal merchants of Naples are all, more or less, bankers, inasmuch as they advance money on letters of credit, and deal in foreign exchange, and other finanof credit, and deal in foreign exchange, and other financial operations. But the only banking establishment at present in existence, is the Bank of the Two Sicilies, founded by government, and guaranteed by the possession of landed property. It is not a bank for the issue of notes on credit, like the Bank of Bangland, but for their issue on deposits somewhat on the principle of the Bank of Hamburg. Government makes all its payments by means of notes or orders on the bank; and they are issued to individuals for whatever sums they desire, on their paying an equivalent sum of money to the bank. These notes or orders form a considerable part of the circulating medium of Naples; they are paid in cash oa demand. The building occupied by the bank is one of finest in the city.

demand. The building occupied by the bank is one of finest in the city.

Government has also established a discount office, where bills indorsed by 2 persons of good credit, and not at more than 3 months' date, are discounted at 4 per cent. Goods are universally sold at long credits, mostly from 4 to 8 months, and for manufactured goods semetimes longer. Discount for ready money is at the rate of 6 per cent. per annum. Merchants are arranged by the Chamber of Commerce into 5 different classes, and a 6 months' credit is given at the custom-house for duties, to the extent of 6,000, 6,000, 30,000, 30,000, and 18,000 ducats, to individuals, according to the class in which they happen to be enrolled. But this is of little importance, as the transactions of a merchant must be very limited indeed if the duties he have to pay be not much more than the credit he is allowed. High discriminating duties are charged on all foreign ships entering the port.

Societu in Naples has undergrone many consi-

Society in Naples has undergone many considerable changes during the present century; but its distinguishing features have not materially varied for a lengthened period, and Goldsmith's admirable picture of Italian manners is still more applicable to this than to any other portion of the peninsula :-

Ent small the biles that sense alone bestown, And sensual biles is all the netion known. In florid beauty grows and fields appear, In florid beauty grows and fields appear, hero. Contrasted finite through all his manners reign; Though poor, luxarious; though submissive, val Though pore, juxarious; though submissive, val Though grave, yet trifing; sealous, yet unitrue; And even in penance planning size anow.

The nobility are exceedingly numerous, and are as fond as ever of splendour and parade. Previously to the occupation of the country by the French, the greater number of them were very poor; and the changes introduced in 1806, and the subdivision of property that has taken place in the interval, have considerably reduced the fortunes of those who had formerly large estates. "Titles are here so common that you find at every corner Prencipi or de Prencipi without a virtue or a ducat." The rage for carriages and equipages is ss great at this moment as it was in the days of Dr. Moore: "Women at all above the lower ranks do not walk; those who cannot afford a carriage are doomed by pride to perpetual imprisonment in their own houses, or only go to church with one or two poor devils hired for the occasion, who put on antiquated livery, and carry a book or a cushion. I am told that husbands sometimes perform the office, trusting probably that they shall escape recognition under the disguise of a footman, and choosing to gratify vanity at the expense of pride. The roofs of the houses, which are flat, and adorned with flowers and shrubs in boxes, afford air and exercise to the women,

Thus living in idle retirement, their mind is exclusively bent on the means of procuring a lover; and the tales of Boccacio and Lafontaine conyey a likeness of their moral habits and manners."

(Simond's Italy, 435.)

The numbers and wealth of the clergy were greatly diminished by the measures adopted by the French; and though both have been increased since the Restoration, their wealth has not been increased in proportion to their numbers. They are, speaking generally, poor, ignorant, and servile; and though the outward forms of religion be respected, it has nowhere so little real influence as at Naples. The lawyers, merchants, physicians, artists, and such-like persons, form the most intelligent and most valuable portion

of society. The lazzaroni, so prominent in the descriptions of Naples, formerly included most part of the lower classes, comprising street-porters, hawkers, water-carriers, boatmen, hackney-coachmen, mendicants, &c. Their numbers were loosely estimated at from 30,000 to 40,000, and they were said to constitute a distinct race, immersed in poverty, only half-clothed and not half-fed, without lodgings, and sleeping in the open air in the porches of churches and other public buildings. But it is now admitted that the lazzaroni, properly so called, or the houseless poor, are merely the dregs of the population, and that they owe their gipsy-like complexion and cast of features to their constant exposure to the sun and air. It is singular that wretches in so destitute a condition, and frequently involved in all but the extremity of want, should, speaking generally, be remarkable for their fine symmetrical and muscular forms, and be distinguished by their vivacity and humour. Great efforts have been made for many years past to lessen the numbers of the lazzaroni; and, under Murat, many of them were drafted into the army. But they are still extremely numerous; Mr. Maclaren says he saw numbers of half-clothed wretches (lazzaroni) asleep, in sunny days, on the pavement of the Chiaja. "They are the refuse of civilisation, sunk to the condition of savages. It is said there are individuals among them who do not know their own names, and who go to the priest and confess anonymously, owning sins of whose designation in the Decalogue they are ignorant." Unless when pressed by hunger, or under some peculiar and extraordinary excitement, the lazzaroni are neither turbulent nor licentious; but on such occasions they evince all the sanguinary ferocity of savages. They seem, however, to be wholly incapable of any vigorous or long-continued exertion for any public purpose, and may, speaking generally, be regarded as submissive, docile slaves. It used to be a common saying at Naples, that to keep the populace quiet, three things only were necessary—feste, farine, and forche; that is, shows, food, and gibbets! And this compendious principle has not yet fallen into disrepute, though certainly they are supplied with but a very scanty portion of farine.

Lottery offices are extremely numerous in Naples, and have, as might be expected, a most injurious operation. Tickets are so subdivided, that shares may be purchased for about 2d.: the moral pestilence consequently descends to the very lowest ranks, and even the lazzaroni are speculators. There are, probably, a greater number of pick-pockets in Naples than in any other city; and deceit and falsehood are so common as hardly to excite attention. The donne libere are also extremely numerous.

are also extremely numerous.

Owing principally, no doubt, to its mild cli-

mate, a large proportion of the pop. of Naples may be said to inhabit the streets, and to carry on their business out of doors; and the competition arising among parties so situated, has probably given rise to that universal turmoil and effort to attract notice, that is at once so grotesque and so disgusting to a stranger.

"Naples," says Mr. Forsyth, "in its interior, has no parallel on earth. The crowd of Lon-

"Naples," says Mr. Forsyth, "in its interior, has no parallel on earth. The crowd of London is uniform and unintelligible: it is a double line in quick motion; it is the crowd of business. The crowd of Naples consists in a general tide, rolling up and down; and in the middle of this tide, a hundred eddies of men. Here you are swept on by the current, there you are wheeled round by the vortex.

A diversity of trades dispute with you the streets. You are stopped by a carpenter's bench, you are lost among shoemakers' stools, you dash among the pots of a maccaroni stall, and you escape behind a lazzaroni's night-basket. In this region of caricature, every bargain sounds like a battle: the popular exhibitions are full of the grotesque: some of theif church processions

would frighten a war-horse.

"The mole seems, on holydays, an epitome of the town, and exhibits most of its humours. Here stands a methodistical friar preaching to one row of lazzaroni; there, Punch, the representative of the nation, holds forth to a crowd. Yonder, another orator recounts the miracles performed by a sacred wax-work, on which he rubs his agnuses, and sells them, thus impregnated with grace, for a grain a piece. Beyond him are quacks in hussar uniforms, exalting their drugs and brandishing their sabres, as if not content with one mode of killing. The next professore is a dog of knowledge, great in his own little circle of admirers. Opposite to him stand two jocund old men, in the centres of an oval group, singing alternately to their crazy guitars. Further on is a motley audience, seated on planks, and listening to a tragi-comic filosofo, who reads, sings, and gesticulates old Gothic tales of Orlando and his Paladins.

"If Naples be 'a paradise inhabited by devila,' I am sure it is by merry devils. Even the lowest class enjoy every blessing that can make the animal happy — a delicious climate, high spirits, a facility of satisfying every appetite, a conscience which gives no pain, a convenient ignorance of their duty, and a church which ensures heaven to every rufflan that has faith. Here tatters are not misery, for the climate requires little covering; filth is not misery to them who are born to it; and a few fingerings of maccaroni can wind up the rattling machine for the day.

"They are, perhaps, the only people on earth that do not pretend to virtue. On their own stage they suffer the Neapolitan of the drama to be always a rogue, If detected in theft, a lazzaroni will ask you, with impudent surprise, how you could possibly expect a poor man to be an angel. Yet what are these wretches? Why, men whose persons might stand as models to a sculptor; whose gestures strike you with the commanding energy of a savage; whose language, gaping and broad as it is, when kindled by passion, bursts into oriental metaphor; whose ideas are cooped, indeed, within a narrow circle—but a circle in which they are invincible. If you attack them there, you are beaten. Their exertion of soul, their humour, their fancy, their quickness of argument, their address at flattery,

their rapidity of utterance, their pantomime and grimace, none can resist but a lazzaroni himself.

"These gifts of nature are left to luxuriate unrepressed by education, by any notions of honesty, or habits of labour. Hence their ingenuity nesty, or nabits of labour. Hence their ingenuity is wasted in crooked little views. Intent on the piddling game of cheating only for their own day, they let the great chance lately go by, and left a few immortal patriots to stake their all for posterity, and lose it." (Pp. 264—267., and 412.)

"The people," says M. Simond, "seem, in general, peaceful and contented, unconscious of reant at least; that consume little and that lively want at least; they consume little, and that little is cheap. For three grains a day (three half-pence sterling) a man has his fill of maccaroni, and for three grains more he may have his frittasa (very good fish or vegetables fried in oil) at any of the innumerable stands of itinerant cooks about the streets, which is not the only luxury of the gastronomic kind within his reach. A glass of ice-water costs one sixth of a grain (one twelfth part of a penny sterling), and, if properly seasoned with lime-juice and sugar, two grains. The price of these things is kept down by government, ice or hardened snow being abundantly supplied at the public expense from natural ice-houses, in certain cavernous rocks above Stabise and Sorrento, and even on Vesuvius. The ice in baskets is made to slide down the mountain, along light ropes, into boats, which sail across the bay during the night, and land their precarious cargoes before day.

"The lower people have clubs, where they assemble twenty or thirty together, and contri-bute each one grain for wine of an evening. They elect a president and vice-president. The president calls upon one of the members to drink a glass of wine filled by the vice-president; but when the member challenged is about to take it, the vice-president has the right to say, I take it for myself, and actually drink it to his health; a standing joke, which he may repeat as long as he pleases, or as long as he can, but which the disappointed expectant, who has the laugh of the company against him, does not always relish; and in the end there is sometimes fighting and stabbing." (P. 432.)

The country round Naples is the most beautiful that can well be imagined, and is peculiarly interesting from its classical associations. Virgil was buried in the immeits classical associations. Virgil was buried in the immediate vicinity of the city; and the ruins of an ancient mausoleum on the left hand side of the road, leading from the promenade of Chiaja to the grotto of Pausilippo, is said to have contained the remains of the prince of Latin poets. There is, however, no really good foundation for this statement.

The grotto of Pausilippo, now alluded to, is a tunnel cut through the hill of that name, being a part of the road from Naples to Possuoli. It is about two-thirds of road from Naples to Possuoli. It is about two-thirds of a mile in length, 60 ft. in height, and broad enough to serve for a highway. This work is of great, but unknown, antiquity. Seneca, in his 57th epistle, complains hitterly of its length, darkness, and dust. (Nihii illo correce longing, sikki illis faucibus obscurius i ctism si locus Asberet knorm, pubics sufferet.) Its dimensions were, however, enlarged in 1557; and it is now well paved and lighted with lamps by day as well as by night. (For further information as to the environs of Naples, see the articles Bair, Herculangum, Pompen, Pozzuoli, Visuuvius, &c., in this work.)

articles BAIM, HERCULANKUM, POMPHI, POZZUOLI, VESUVIOS, &C., in this work.

Bistorical Notice.—Naples is very ancient. It was founded by the people of Cumm, a colony from Greece, who gradually spread themselves round the Bay of Naples, and was called from this circumstance Neapolis, or the new city. It was also called Parthenope, from its being the burying-place of one of the sirens of that name. (Villetus Paterculus, lib. i. cap. 4; Sirabo, lib. x.) it was, therefore, to all intents and purposes, a Greek city; its inhab. spoke the Greek language, and were long distinguished by their attachment to the manners and customs of their ancestors. It was on this account, according to Tacitus, that it was selected by Nero to make his débest on the stage; such a proceeding being less oftensive there, and less repugnant to the prevailing senti-

ments, than in Rome. (Taciti Hist. lib. xv. cap. 33.)
Naples, in truth, was then, as now, a chosen seat of pleasure. Its hot baths were reckoned equal to those of Baise;
and the number and excellence of its theatres and other and the number and excellence of its theatres and other places of amusement, its matchless seenery, the mildness of the climate, and the luxury and effeminacy of the in-hab,, made its favourite retreat of the wealthy and lux-urious Romans, and justifies Ovid in calling it is otis matem Parthenopem. After the fail of the Roman em-pire, it underwent many vicinsitudes. It, however, early became the cap, of the modern kingdom of Naples; and, notwithstanding the calamities it has suffered from war,

became the cap, of the modern kingdom of Naples; and, notwithstanding the calamities it has suffered from war, earthquakes, &c., it has long been the most populous city of Italy, and one of the most interesting that is any where to be met with. (Besides the authorities aiready referred to, see Servistori, Statistica d'Italia, parie setting, passin; (fficial Statement of the Population of Naples on the 1st of Joneary, 1883; Stark's and Valery's Guides; Com. Dict.; Magergor's Report, &c.)

NARBONNE (an. Narbo Martius), an ancient city of France, dip. Aude, about 4 m. S. from the Aude, and 7 or 8 m. from the Mediterranean, on a navigable canal that unites it with the sea, on the one hand, and with the river on the other, and which also unites it with the Canal du Midl, a little to the N. of the Aude, 52 m. S.W. Montpellier, and 24 m. N. by E. Perpignan; lat. 480 11/13" N., long, 30 0' 24" E. Pop., in 1846, ex. cons., 10,578. It stands in a fine plain, and is surrounded by a wail flanked with towers, and entered by four gates. Streets narrow and tortuous, and houses mean and ill-built; it is divided by the canal into two nearly equal parts, le Boserg and le Ville, connected by three bridges; and is plentifully supplied with water by numerous fountains connected with springs outside the walls. The espianade, or Place des Barques, in the centre of the town, is a fine open space; but its beauty is much impaired by the almost total absence of vegetation. Other promenades are formed near the gates; on the banks of the canal is a fine open space; but its dates; on the banks of the canal is a fine open space; but its dates; on the banks of the canal is a fine open space; but its dates; on the banks of the canal is a fine open space; but its dates; on the banks of the canal is a fine open space; but its dates; on the banks of the canal is a fine open space; but its dates; on the banks of the canal is a fine open space; but its dates; on the banks of the canal is a fine open space; but its dates. water by numerous tountains connected with springs outside the walls. The espianade, or Place des Barques, in the centre of the town, is a fine open space; but its beauty is much impaired by the almost total absence of vegetation. Other promenades are formed near the gates; on the banks of the canal is a fine public walk, planted with trees, and the davirons generally are extremely beautiful. Narhome has few buildings worthy of notice, except the cathedral and archbishop's palace. The former, built in the 18th and 14th centuries, is one of the finest specimens of Gothic architecture in Europe: the choir, however, is the only part complete, the nave, commenced in 1708, being unfinished. Two towers rise from its W. end; but they are deficient in that lightness and elegance observable in similar structures of the same area. The archbishop's palace (celebrated in history, as having been the place where Louis XIII. signed the order for the trial of De Thou and Cinq.Marn), is an ancient castellated building in the Place des Barques, having attached to it a massive square tower, built in the Middle Ages: in the front court are the remains of a marble altar, erected by the Narbonnese to Augustus Cesar, and, in the garden, a fine tomb of white marble. The two par. churches are ancient and massive structures, but built in very bad taste, and remarkable only for some curious sculptures. The other chief buildings are three hospitals, the exchange, arsenal, barracks, prison, a museum, theatre, and public baths. Narbonne is the seat of a tribunal of original jurisdiction and commerce; and has some silk flatures, fabrics of coarse linen cloth, worsted caps, and paper, with numerous distilleries, potteries, chemical works, tanyards, &c. It is the centre of the wine and spirit trade of the dep., and the principal support of its inhabitants is derived from its trade in wine, corn, brandy, silk, oil, salt (obtained from the neighbouring lagoous, wax, and honey, which it exports, partly to Bordeaux, by the Canal du Midi, and partl in the S. of France, are not indigenous to Great Britain. It is of a much higher favour than any other honey, and so odoriferous that one might fancy himself eating a bouquet." (Inglis; Switterland, Prance, gc., p. 211.) Fruit is extremely abundant and cheap. The wages of labour do not exceed a franc a day, but the necessaries of life are obtained at the same easy rate. Meat, however, is not reckoned among them by the lower orders; for "at Narbonne we have got so far south, as to discover something of those indoient habits which produce, in still more southern countries, a distasts

for all exertion beyond that necessary to preserve existence, and which limit the necessities of life to the natural productions of the soil." (P. 212.) It is worthy of remark, also, that the dress of the peasantry in the neighbourhood bears a striking resemblance to that worn by the Catalonians. The neighbourhood is fertile in corn, but is rendered unhealthy in summer by the salt lagoons fringing the shores of the Mediterranean. There are numerous salt-pans, and marble is quarried near the town.

in corni, but is rendered unhealthy in summer by the salt lagoons fringing the shores of the Mediterranean. There are numerous salt-pans, and marble is quarried near the town.

Marbo, one of the most ancient towns of Gaul, and the chief city of the Volce Arecomici, was formed into a Roman colony asseo 116 s.c.; Julius Cassar further calarged it by sending thither the veterans of the tenth legion, and Cicero (Or. pro M. Fontelo, c. i.) terms it colonia mosirorum civium, speculas populi Romani aprovinces by Augustus it gave its name to the S.W. province, called Narobacusis: Mela speaks of it as a place used olim terris auxilium nume ci momen et decus est, and Strabo designates it as the emporium of all Gaul. Its public buildings, and great commercial wealth, are mentioned by other authors; but the present remains of its ancient grandeur are confined to a few fragments and inscriptions, chiefly incorporated in the walls of the town. It fell into the hands of the Visigoths a.D. 462, and was shortly after made the cap. of their kingdom. In 720 it was taken by the Saracens, and by Pepin-lebred in 789; after many vicissitudes it was family annexed to the crown of France in the early part of the 16th century. Its ancient walls were demolished by Simon de Montfort during the wars against the Albigenses: those by which it is now surrounded having been constructed, considerably within the limits of the old walls, by Francis I. It has, at different times, suffered severely from the plague. In the wars of the League, Narboone embraced the cause of the Huguenots; but in 1891 it submitted to Henry IV. (Hugo, art. dude; Guide du Voy. cs. France; Inglis.)

NARDO (an. Nervisum), a town of the Neapolitan dom, prov. Otranto, cap. cant., on the road from Lece to Gallipoli, 16 m. S.S. W. the former, and 10 m. N.N.E. the latter, city. Pop. about 6,000. It is a substantial, fourishing town, neatly built, and well paved. It is a bishop's see; and has numerous churches, an hospital, and manufactures of cotton goods, the raw material of

numerous convents, a modern squeduct, which supplies several public fountains, and the ruins of an amphiheatre. But it is principally celebrated for the remains of a noble bridge thrown by Augustus over the Nar, constructed after the Etruscan method, of large blocks of marble without cement: it is supposed to have been originally upwards of 630 ft. in length. Only one of the arches remains perfect, the span of which is above 60 ft.: the piers supporting it are 38 ft. in breadth. Addison styles this bridge "one of the statellest ruins in Italy;" and few relics of antiquity are better adapted to impress the mind with high ideas of Roman magnifectore. Narni was the birth-place of the Emperor Nerva. (Cramer's Ancient Italy, i. 277, 278.; Rampoldi; Conster's Italy, 3c.)

NARO (supposed to be the an. Motyum), a town of Sicily, intend. Girgenti, cap. cant., on the Naro (an. Hypsac), 13 m. E. by S. Girgenti, and 21 m. S.W. Caltanisetta. Pop., in 1831, 0,105. It is situated on an eminence, surrounded by picturesque valleys and glens; has a royal college, and a house of refuge, and sometrade in oil, wine, and sulphur, which last is very abundant in its vicinity. Many sepulchres, medals, and other vestiges of antiquity, have been found here. (Smyth's Sacily, p. 202.; Dict. Géog.; Ortolani, Dis. della Sicilia.)

NARRAINGUNGE, a considerable trading town of British India, prov. Bengal, distr. Dacca-Jelalpore, on a branch of the Brahmaputra, 8 m. S.R. Dacca. Lat. 290-27' N.; long. 90° 3b' E. Pop. estimated at 15,000. The inhabitants carry on a large trade in salt, grain, tobacco, and time; and the town exhibits a scene of bustle and activity seldom witnessed in a community of Bengalese. The banks of the river are studded with indigo factories, and the remains of forts erected to repoi former invasions of the Arracanese. (Hamitton's E. J. Gas.)

and the remains of forts erected to repel former inva-sions of the Arracanese. (Hamilton's E. J. Gez.) NARVA, a town of European Russia, gov. of Peters-burg, on the Narova, about 8 m. from its mouth, and 81 m. W. S.W. St. Petersburg, lat. 59° 23' 53" N., and

long. 28° 24' 40" E. Pop. 8,000. It is divided into an old and more recent part; the latter, placed on high ground, is surrounded with fortifications in a good state ground, is surrounded with iorrincations in a good state of repair, and consists of respectable stone bouses; the lower and older part comprising only a few wretched wooden tenements, with two churches, one of which belongs to the Greek, the other to the Lutheran, religion. Three other churches, a town-hall, exchange, and the half-ruinous fortress of Ivangorod (built in 1821, by the Czar Ivan III. Vassilievitch), are the only other public children of the control of t

edifices.

The place, in fact, would not be worth notice but for the famous battle fought in its vicinity, on the 30th of November, 1700; when Charles XII., king of Sweden, at the head of only 8,000 men, attacked and forced the entreuched camp of the Russian army, consisting of about 80,000 men, which had been besieging Narva. The Swedes gained a complete victory. Above 18,000 Russians were killed in their intreuchments, besides a great number drowned in the river: next day above 30,000 Russian troops surrendered to the Swedes, by whom they were disarmed, and dismissed. This extraordinary success did not cost the Swedes above 600 men! On hearing of this disaster; the czar. Peter the Great, said. success did not cost the Swedes above 600 men! On hearing of this disaster, the cars, Peter the Great, said, "Je sais bien que les Suédois nous battront long temps; mais à la fin il nous apprendront eux-mêmes à les voincre: "and the event proved that he was in the right. (See Voltaire, Histoire de Charles XII, liv. ii.) NASEBY, a decayed market-town and par. of England, co. Northampton, hund. Guilsborough, 11½ m. N.N.W. Northampton, and 72 m. N.W. London. Area of par. 3,690 acres. Pop., in 1841, 898. This village formerly possessed a market and a worsted manufactory, but they have long ceased to exist; and the market cross, in the centre of the village, is the only extant sign of its past importance.

of its past importance.

of its past importance.

But, how unimportant soever in other respects, this triding village will be ever memorable in British history for the bettle fought near it on the 14th of June, 1645, between the royalists under Charles I. and the parisamentary army commanded by Cromwell and Fairfax. The action was obtainste and well contested; but in the end the parliamentary leaders gained a complete and decisive victory. The loss in killed on both sides was nearly equal; but the republicans took 500 officers and 4,000 soldlers, and all the king's artiliery and ammunition. This action may be said to have terminated the civil war. civil war

NASHVILLE, a town of the U. States of N. Amstate Tennessee, of which it is the cap., on the Cumberland, 155 m. 8. by W. Louisville. Pop., in 1840, 6,929, but it is now (1850) probably above 10,000. It is situated on the S. bank of the river, adjacent to fine bluffs, and is well built, with wide and regular streets; bluffs, and is well built, with wide and regular streets; comprising, besides some elegant private dwellings, a court-house, lunatic asylum, penitentiary on the Auburn plan, the halls of the university, U. States branch bank, market-house, with hotels, churches, &c. The town has an active and pretty extensive trade; and there are some manufactories, comprising brass and iron foundries, rolling-mills, tanneries, &c. Steam boats ascend as far as the town, the burden of steamers belonging to which, in 1849, amounted to 2,911 tons; but the navigation, so far as respects the Ohio and Mississippi, only lasts for about eight months of the year, as during the dry season the boats cannot descend from the mouth of the Cumberland to that of the Ohio. The University of Nashville, founded in 1806, has seven professors, and is attended by 75 students: the library comprises 9,500 vols. There is also a lyceum, and the town issues several newspapers. (Flint's Geog., p. 338.; Marray's Encycl., Amer. ed., 111.577.)

ill. 577.)

NASO (an. Agathyrnum), a town of Sicily, intend. Messina, distr. Falti, cap. cant., on the Naso, near its mouth, in the Mediterranean, 10 m. W. by S. Palti. Pop., in 1831, 6,226. It is situated on a hill, in a finely wooded and heakthy neighbourhood; is walled, and has some handsome buildings: several warehouses on the sea shore belong to its inhab. It acquired some notoriety in 1812, by reason of its pop. having refused the constitution then promulgated, and armed themselves on behalf of king Ferdinand. (Smyth's Sicily, p. 99 &c.) NASSAU (DUCHY OF), a state of W. Germany, principally between lat. 50° and 51° N., and long. 7° 32° and 5° 40° E.; having N. and W. Rhenths Prussia. S. Hesse-Darmstadt, and E. the latter, Hesse Cassel, the territ. of Frankfort, and the Prussian circle of Wetsiar. Length, N. to S., 55 m.; average hreadth, above 33 m.

territ. of Frankfort, and the Prussian circle of Wetzlar.
Length, N. to S., 55 m.; average breadth, above 33 m.
Area, about 1,800 sq. m. Pop., in 1846, 424,817. Almost
the whole of the surface is hilly, with a general slope
towards the W. The Taunus mountains cover the S.,
and the Westerwald the N. part of the duch; the Feldberg, the highest point of the former, rises to nearly
2,700 ft.; and the Salsburg-head (Salzburgher Kopf),
in the Westerwald, reaches the height of 2,500 ft. above
the sea. No portion of level surface is sufficiently extensive to be called a plain; and the valleys are gene-

rally narrow and confined, though many are highly picturesque.

The Rhine forms a considerable portion of the S. and W. boundaries. The Mayn limits the duchy to the S.E., and the Lahn intersects it near its centre, baving, for the most part, a S.W. course. The Lahn receives within this duchy the Elz., Ems. Aar, Muhl, &c.; and joins the Rhine at Lahnstein; being navigable as far as Weilburg, 14 leagues from its mouth. There are no lakes; but Nassau has a number of mineral springs, especially in the Taunus, where are Ems, Selters, Schlangenbed, Wiesbaden, &c., among the most frequented spas in Germany. The climate is cold in the mountains, particularly in the Westerwald, but so mild in the abeliered vallers that the vine comes to very considerable perfection. The mean temperature of the year in the Rheingau, S. of Weisbaden is 10° centigr., or 80° Fah. Every part of the duchy is tolerably bealthy. The soil is no where remarkably fertile, but only a small portion of it is barren; it is least productive in the N., where, however, there are good natural pastures. A portion of the soil in Westerwald is volcanic, consisting of basalt and lava and near Weilburg are traces of an extinct volcano. In 1831, of 1,812,841 morgen of land, 702,004 were arable, 196,190 in meadows, 18,543 in vineyarda, 7,473 in gardens, no fewer than 726,377 in woods, 6,445 occupied with buildings, 106,981 in natural pastures, &c., and 40,947 altogether waste. Agriculture is the principal branch of industry. The land is mostly divided into small parcels, which are not, however, farmed by their actual proprietors. "The whole country, from the Heidelberg to the Rheingau and Homburg mountains, and from the Rhine to the mountains of the Spessart (which tract includes, besides the S. part of Nassau, part of Hesse Darmstadt, Frankfort, Hesse Cassel, and Bavaria), presents one uniform face. This plain is divided between large forests of the common Presss sitessiris, occasionally interspersed with oak and beech woods, and large fast districts of corn an bedge. The open fields are divided into small patches, by the difference of culture, which frequently denotes the boundaries of each peasant's little farm. The farms gricultural control of the substance of the boundaries of each peasant's little farm. The farms griculturals, are unknown; and the opposite extreme, the class of agricultural day-labourers, is very small. The peasant generally blods his little possession at a fixed rent, due to the ford of the soil, which is never increased. He cannot be dispossessed; and his land descends from father to son subject to this burthen—as the une more resembling finglish copyholds. *Leiberger the valleys of the larger rivers; but on the uplands, rye, barley, and oats are almost the ooly grains cultivated, which helps, and oats are almost the ooly grains cultivated, with potatons; and in the Westerwald, buckwheat. The S. declivities of the Tannus are covered with chestin woods and orchards. In the district called the *Reineges*, tribercupes larg takens of attention. The field the triber of the Tannus are covered with chestin woods and orchards. In the district called the *Reineges*, tribercupes larg takens of attention. The field the triber of the Tannus are covered with chestin woods and orchards. In the district called the *Reineges*, tribercupes larg takens of attention. The field the triber of the Tannus are covered with chestin probability in which nearly a third part as much land is appropriated to the culture of the vine, as in all Rhentish Prussis. (*Berghaus.) The soil of the Rheingaus ta this and sandy; but it is well as the property of the Cardon Duke, is the vine, as in all Rhentish Prussis. (*Berghaus.) The soil of the Rheingaus ta this and sandy; but it is well as the property of the Cardon Duke, is the wooden sheet. (*Bercher, 171.) But there is another vine, and is appropriated to the culture of the same and called or Acce, is grown at Hotchelin, on a little hill produces, in good seasons, about 12 iarge casks (ionsecsus) of which soils (*Berghaus, decla

NASSAU (DUCHY OF).

877

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Accounts are kept in Sorins (gulden) of 60 kreutzers, containing 4 m/emmigs each; the Sorin = 1s. 84d. Engi. The Hessian morgen (stellernormalmorgen) = about 8-11ths Engl. acre.

containing 4 spersings each; the Borin = 1s.84d. Engi. The Hessian morgen (stellarmormalsnorgen) = about 8-11ths Engi. acre.

The government is a constitutional monarchy, hereditary in the male line; and is among the most liberal of W. Germany. The landstreade, or parliament, of the duchy consists of 2 chambers; the first composed of the princes of the ducal house, the heads of 8 noble families, and 6 representatives for the rest of the no-bility; the second consisting of 22 members, 15 of whom are representatives of the landed proprietors, and 3 of the clergy. The states are convoked yearly. The press is free, and personal liberty, the right of petitioning, and eligibility to all public offices are privileges belonging to every subject. Civil justice is administered in a primary court in the cap. of each of the 28 districts of the duchy; in secondary courts at Dillenburg and Usingen; and a high court of appeal at Wusbaden. The principal criminal courts are at Wiesbaden and Dillenburg. There are elementary, royal, and grammar schools at Diaz. Usingen, Dillenburg, Hadamar, Wiesbaden, &c., and a gymnasium in Weilburg, besides female schools, many special academies, and deaf and dumb and other charitable schools. The government has taken considerable pains to promote popular education, but it does not seem to be yet much diffused, few children attending the public elementary schools. By an agreement with Hanover, the university of Göttingen has been constituted the high school for the duchy; except in Rom. Cath. theology, for which students resort to Marburg, in Hesse Cassel. In respect of religion, about 200,000 of the pop. are Protestants, 175,000 Rom. Cath., and 6,700 Jews: the Luterans and Calvanists have united in one communion. The military force consists of about 4,000 men under arms, with a reserve of 1,550 more. Public revenue estimated at 1,800,000 forins a year: public debt about 3,000,000 forins, but this is in process of liquidation. Nassau holds, with Brunswick, one in the committee. It furnishes to

NATOLIA.

commands an extensive and striking view of the river, the rich country eastward, and the wide dismal swamp on the W. side of the Missiasippi. The town "under fae hill, however, and that part in which the principal river trade is carried on, is a repulsive place, and is the general resort of the vilest characters from the upper and lower country. The houses are tenanted by boatmen, mulattoes, &c.; and on the landing-place are several hotels, in which vice and immorality of every kind are unblushingly displayed. Dancing assemblies for the refuse of both soxes are held in the public rooms of these houses almost every night; and there are other rooms devoted to gambling." The captain of the "Constitution" steamer informed Mr. Stuart, that he considered the neighbourhood of Natchez as the most profligate place in the Mississippl valley. (Stuart, 1: 352.) The lower part of the town is also inhabited by some of the wealthlest merchants; and this being one of the principal places above New Orleans for the shipment of cotton, the streets at a certain period of the year are almost barricaded with bales of that article. In 1835, 35,000 bales were shipped from this port; and although nearly 300 m. above New Orleans, it is accessible to large ships, and carries on a very considerable foreign trade. Steamboats, also, constantly pass the town, and furnish the greatest facility for communication with the districts either above or below. The Natchez, and two other newspapers, are published here. Considerable attention is pald to literature; and at Washington, a village 5 m. from the city, is Jefforson College, founded in 1802, with 6 professors giving instruction in various branches of science and literature; the library is small, containing only 1,522 vols.

Natchez was formerly the residence of the chief of the Indian tribe, from which the town was afterwards named.

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Indian tribe, from which the town was afterwards named.
In 1716, the French formed a settlement here, and esta-blished a port called St. Rosalle. Disputes, however, arose between the natives and the new-comers, which ended in a general massacre of the latter. The French,

arose between the natives and the new-comers, which ended in a general massacre of the latter. The French, a few years afterwards, sent an army into the country; and so vigorous were their measures, that the whole nation was either exterminated, or sold as slaves. Indian mounds and other monuments are visible near the town; as are the ruins of the French port. (Stuart's America, il. 262—264; Flint's Geog. of the U.S., p. 231.; Murray's Encycl., Amer. ed., ili. 548, \$c.)

NATOLIA, ANATOLIA, or ANADOLI (a corruption from seartin, the East, or Levant), a peninsula of W. Asia, anciently called Asia Minor, and now constituting a pachalik of Asiatic Turkey; it extends between lat. 367 and 42° N., and between long. 26° and 42° E. being bounded N. by the Black Sca, E. by Armenia and the Euphrates, S. by Syria and the Mediterranean, and W. by the Archipelago. Length, from C. Kara-burun to the Euphrates, S. of m.; breadth from 300 to 440 m.; estimated area, 250,000 sq. m., or about 1-16th more than that of the Spanish peninsula. Pop. probably about 4,250,000. The coast-line is very irregular, especially on its W. and S. sides, where it is deeply indented by the Gulphs of Adramyti, Smyrna, Kos, Makry, Adalia, and Sanderson. Surface very irregular, but may be generally described as a high table-laud, dotted with asit lakes, and enclosed by two ranges, detached from the plateau of Armenia, and running nearly parallel to the N. and S. coasts. The latter of these chains, the Monarasers of the ancients, and Sultan-dagh of the Turks, runs close to the shore in some parts of Karamania, forming a bluff precipitous coast, intersected here and Taurus of the ancients, and Sultan-dagh of the Turks, runs close to the shore in some parts of Karamania, forming a bluff precipitous coast, intersected here and there by narrow gorges, through which numerous torrents run into the sea. One of the heights, close to the Gulph of Adalla, was ascertained by Captain Beaufort to be 7,800 ft. high; but there are several summits in the interior, the mow on which descending one fourth the way down their sides, indicates a height of 10,000 ft., or nearly equal to that of Mount Etna. (Beaufort's Karamania, p. 57.) The N. range is much less clearly defined the only snow-covered peak being Mount Olumpus. nearly equal to that of Mount Etna. (Beaufort's Karamenda, p. 57.) The N. range is much less clearly defined, the only snow-covered peak being Mount Olympus,
about 25 m. S. the Sea of Marmara. Connected with
Olympus westward is the celebrated Mount Isla, overlooking the plain of Troy; and the highest summit of
which, called Gargarus by Homer, and Kaz-dagh by the
Turks, rises about 5,000 ft, above the sea. About 160 m.
S. of Isla runs another range, the Tmoiss of antiquity,
mentioned by Ovid, Virgil, and Seneca a being celebrated
for its excellent wines and rich metallic veins. The
central table-land is partily drained by the rivers flowing
into the Black Sea; but a large portion, Iying N. and
N. W. the range of Taurus, about 240 m. in length, by
150 m. in breadth, is covered with numerous salt lakes,
marshes, and rivers, having no visible outlet. In rainy
seasons these lakes overflow, and, but for the ridges that
cross the plsin and separate it into basins, would submerge nearly 200 sq. m. of the surface. The largest of
these is the lake Beishehr, 43 m. W.S.W. Konieh; but
p far the most curious in the peninsula is the Tatta
paisus of antiquity (about 50 m. N. Konieh, and 2,500 ft.
above the sea), the waters of which, acc. to Strabe, were

so impregnated with brine, that any thing immersed in it was soon covered with a saline incrustation: the Turks call it Tuzia, and it still furnishes in abundance the article for which it was anciently famous; but it contains neither fish nor conchiferous animals. (Geog. Journ.,

ticle for which it was anciently famous; but it contains neither fish nor conchiferous animals. (Geog. Journ., x. 299.)

The largest rivers of Natolia flow into the Black Sea. The Halys, or Kisil-Ermak ("Red River"), rises by 3 branches on the S. side of Mount Briglik (an. Argews), and flows by a tortuous course of about 500 m., first N. W., and subsequently N. E., into the Black Sea, where it is about as wide as the Seine at Paris. It is the largest river of Asia Minor; and, in ancient times, was considered the boundary between the Lydian and Median kingdoms, as well as a natural dividing line of the peninsula. (See Herod., l. 72.) E. of the Halys is the Iris (now the Jekil Ermak), a much smaller river, rising in the N. range of the table-land, and flowing W. by N. past Tokat into the Black Sea, about 30 m. E Samsoum (an. Antinus). In the N. W. part of Natolia is the large and celebrated river Sangarius (now Sakaria), the most distant source of which is in the central plateau, about 60 m. S.S. W. Angora; lat. 380 5 N., long. 320 2 S. After receiving numerous tributaries, it turns northward, near the modern town of Eskisher (an. Dorphasum), and flows into the Black Sea, about 50 m. W. by S. Erekli. The three principal rivers flowing into the Archipelago are the Coicus, the auro iusrbidus Hermeso of Virgil (Georg., il. 137.), now the Sarabat, the marshy Caystras, at the mouth of which was the "Assa Augus" of Homer (II., ii. 470.), and the Massader (now Mendere), by far the largest of the three, and celebrated in antiquity, not only for the sinuscities of its course, but for the fertility of its vallles, and the number of Sourishing cities on its banks. It rises by numerous sources in long. 300 8 E., and takes a general course, W. by S., about 220 m. to its mouth, near the ruins of Mickus. The rivers on the S. side of the peninsula, are, with one or two exceptions, little more than brooks or mountain-torrents; and the Cydows, the scene of the splendid pageant of Cleopatra, is at present only 160 ft. wide, and ina

(Reatfort's Karamania, p. 275.)

The geological formation of Natolia partakes in many parts of a volcanic character. The high region of Phrygia, called sayanasaquin, abounds with lava, and Physia, called neversus supiling, abounds with laws, and other substances, indicating the existence of igneous action at some previous period; earthquakes have frequently visited the W. part of the peninsula, and all but demolished Laadicca, Apamea, Chiotass, Sardes, and other cities of antiquity; and it has still numerous thermal and sulphureous springs. The most general formation, however, is of white limestone, bold cliffs of which rise in Karamania, from 600 ft. to 700 ft. perpendicularly from the sea, exhibiting the most curious contortions of strata. (Bessfort, p. 13, 213.) On the N. side of the peninsula the same description of strata prevails, covered with grpsum, and in the highest mountains serpeninsula the same description of strata prevails, covered with gypsum, and in the highest mountains serpentine is found alternating with the blue mountain-limestone. The marble of Asia Minor was extensively used by the wealthy Romans, in building their houses and villas. These mountains abound in mineral riches; copper is wrought to a considerable extent near Treblacoid, Samsoun, and Siwas; and the region of the

asvissima quamquam Gens Chalyhum, duris patiens cui cultus in arvis Et tonat addictá semper domus ignes massà. Val. Flac. Arg., iv. 610.

Yel. Fine. Arg., iv. 610.

Is still an important mining district of the peninsula. Lead has been found in several places, though not wrought; but rock-alum is procured near Unleh (an. Œsac), and exported in considerable quantities.

The climate of Natolia, owing to the varying elevation and different aspects of its surface, will admit of no general description. On the central plateau, the height of which (exclusive of mountains) varies from 2,800 to 3,900 ft. above the sea, it is cold, though salubrious, and snow lies, in many parts, for 2 or 3 months of winter; but, in July and August, the heat is often intense, and rendered more oppressive by the tendency of the sandy surface to absorb heat. On the W. shores the climate is genial, and the soil very productive; but in some parts, as at Smyrma and elsewhere, epidemics are prevalent, and the plague often makes great ravages among the as at Smyrna and elsewhere, epidemics are prevalent, and the plague often makes great ravages among the ppp. The heat in July is stated by Mr. Addison to range from 84° to 94° Fah. in the shade; rain seldom falls, though the want of it is, in some measure, compensated by heavy dews. (Damascus and Palmeyra, i. 390, 321.) The climate on the N. side is far more temperate, and rain is frequent. The soil on the coasts is tolerably fertile, producing wines, olives, rice, millet, and other grains; but tiliage is much neglected, irrigation and the manuring of land being little practised. The N. shores are covered with forests of oak, ash, larch, beech trees, &c., furulshing abundant supplies of timber for the Turkish navy. The mountains of Karamania are covered principally with pines. Large flocks of sheep and goats grase on the lofty plains of the interfor; their wool and hair forming an important article of commerce between Angora and Smyrns.

and goats grase on the lofty plains of the interior; their wood and hair forming an important article of commerce between Angora and Smyrna.

Natolia is under a pasha or military governor, to whom are subject the respective begierbegs of Anadoli, Karamania, Marash, Siwas, and Trebisond, the country being further subdivided into 17 sandjaks. The fixed poponosists principally of Turks and Greeks, with smaller numbers of Armenians and Jews; bestdes whom there are nomadic tribes, both Kurds and Turcomans, employed partly in pestoral, but partly also in maranding occupations. (For further particulars see Turker.)

Natolia, which was first called aimply Asia, afterwards is served 'Aria, to distinguish it from that more to the E. i śwo 'A., was called Asia propris or proconsularis, by the Romans, and did not receive its appellation of Asia Missor earlier than telims of Orostus, in the beginning of the 5th century. With respect to the original inhabs, of this celebrated peninsula, we have little information on which any reliance can be placed; but there is reason to believe that the Phomicians had settlements, at a very early period, on its S. and W. coasts, and that there were frequent emigrations to it from Thrace, as well as Thessaly, soon after the Trojan war. The great Ioulan migration (composed of colonists from Attica and Achala) took place cases ol 120 s. c.; and, about 90 years afterwards a colony of Dorians, from Megara, Trozene, and Argos, settled on the S.W. coast, a little S. of those last mentioned. Subsequently to the establishment of these Greek colonies, and during the existence of the Lydian monarchy, (which lasted from a period of obscure antiquity down to the overthrow of Crosus by Cyrus, s. c. 565, Asia Minor was overrun successively by large bodies of Cimmerisans and Scythians, who, however, though they penetrated as far as Lydia, and took Sardes, were unable to secure a permanent footing in the country, (Which Listed from a period of obscure antiquity of the Christian grae, comprised 30 different of Issus, everywhere distinguishing themselves by their industry and commercial activity. In refinement, also, and the cultivation of the arts, they were at least equal, if not superior, to their European brethren; at all events, if Asia Minor have not given birth to great warriors and statesmen, she may justly boast of the all but unrivalled excellence of her poets, historians, philosophers, sculptors, architects, and musicians. In poetry she lays claim to Homer, Heslod, Sappho, Alexus, and Nicander; in philosophy to Thales, Pythagoras, Anaxagoras, Blas, and Pittacus; and in history to Hecateua, Heilanicus, Herodotus, Ctesias, and Dionysius of Halicarnassus. The Macedonian succeeded the Persian dominion amos 231 B.C.; from which time, during nearly two Helianicus, Herodotius, Ctesias, and Dionysius of Halicarnassus. The Macedonian succeeded the Persian dominion amao. 231 s.c.; from which time, during nearly two centuries, Asia Minor was subject to many vicisitudes consequent on the changing fortunes of Alexander's successors and their descendants, as well as the formation of several minor kingdoms (as Pontus, Bithynia, &c.) under native princes. During the century immediately preceding the Christian area the various parts of the peninsuls fell, one by one, into the hands of the Romans, under whom it formed a proconsulship; and it attained, during their dominion, not only its most uniform and settled, but also its most prosperous state; a fact sufficiently proved by the number of large cities built or embellished, and the great works undertaken and completed, during the earlier period of the empire. The decline of the Roman power exposed the peninsula to fresh invasions from the E.; and at the commencement of the 8th century the Mohammedans began to settle themselves on its E. borders. At the period of the first crusade they had spread over almost the whole peninsula, and reduced it to a state in many respects similar to that in which we find it at the precent day, except that it was more populous. It was ravaged by the crusaders in the 12th and 13th centuries, and was overrun by the Tartar bordes under Timour after the battle of Angora (1402 a.D.); but neither produced any permanent effect on the condition of the population. (Laake's Asia Minor, p. 1—144; Cramer's Asia Minor, passim; Goog, Josens, v.i. x.)

NAUMBUBG, a town of Prueslan Saxony, distr. of its own name, on the Saale, 25 m. S. Halle, and 29 m. S. W. Leipsic; lat. 510 8 N., long. 110 64 E. Pop.

NAUPLIA.

12,000. It is situated in a fertile vale, and is tolerably well built, having several good and wide streets, with a suburbs. Its principal public buildings are the citadel, town-hall, and arsenal, a noble Gothic cathedral, 5 Calvinistic churches, 2 orphan asylums, 6 hospitals, a poor-house, gymnasium, and trade-school. It is the seat of a superior and ordinary tribunal for the circle, a council for do, and board of taxation. It has manufactures of woollen cloths, hosiery, and shoes, and large chemical works. The 2 annual fairs of Naumburg were formerly much celebrated, but have recently declined in importance.

Naussburg is celebrated in history as having been besieged in 1483 by the Hussites, under Procoptus. This general, irritated by the resistance of the inhab, made a vow to put them all to the sword, but was deterred from his purpose by the earnest sapplications of the chikiren of the town, who came out in procession and threw themselves at his feet. The anniversary of this event (called the Kinderfest, or "Children's Féte,") is still celebrated on the 20th July, and has furnished Kotzebue with the subject of one of his plays (Fow Zedits, Neukirch Pruss. Staat., iii. 225.; Berghous; Murrey's Hand-book of N. Germ, p. 352.)

NAUPLIA, or NAPOLI DI ROMANIA, a city and sea-port of independent Greece, on the E. side of the Morea, at the extremity of the bay of its own name, 5 m. S. E. Argo, 56 m. W. S.W. Athens; lat. 270.287 50" N., long. 220 47' 30" E. Pop., acc. to Burgess, 16,000. The town, which stands on the N.E. side of a hill, with a tabular summit, and is built in the form of an amphitheatre, has been greatly enlarged and improved since the war of independence.

"Nauplia," says Mr. Burgess, the most recent traveller in Greece, "has no longer any similarity to its former internal appearance (which was that of a filtly and miserable Turkish town). The features of the Palamidi rock, the heights of Itchiali, the low coast sweeping round by Tyrius and the Lerndan marsh, with citadel of Argos rising there are numerous cafes about the port, and in the chief thoroughfares. A quay faces the harbour, which is commanded by the ancient Fort Palamedi, one of the strongest castles in Greece; at its foot is a stone aqueduct, from which the town is well supplied with water. Nauplia possesses one of the largest government dockgrands in Greece, and extensive storehouses. Its trade is very considerable, the principal exports being oil, wine, gall-nuts, wax, silk, wool, and cotton; while the imports comprise corn, manufactured and colonial goods, with timber, &c. The commerce is principally carried on in Greek bottoms. In 1836 there arrived 86 vessels of 6.026 tons, and 89 vessels of 3.738 tons left the port in the same year. The roadstead of Nauplia is W. of the town, in 8 and 9 fathoms; and in entering it is necessary to keep in mid-channel, to avoid a shoal of 6 ft. water.

Nauplia is, in comparison with the rest of Greece, well

only 25 tanoms, and in entering it is necessary to keep in mid-channel, to avoid a shoal of 6 ft. water.

Nauplia is, in comparison with the rest of Greece, well provided with literary establishments. They comprise a military academy, school for the middle classes, circulating library, several book societies, two lithographic establishments, and five printing-houses, one of which is the property of the government, and exclusively employed in printing their official paper. The Zerne, or "Saviour," a political and literary newspaper, is published here in Greek and French, and has a wide circulation. The pop. of Nauplia comprises a considerable number of Germans, French, and Italians: house-rent is high, and the rate of living is not much cheeper than at Paris or Naples. The climate is unhealthy, owing to the missma from the neighbouring marshes in summer, and the cold searching N.E. winds that prevail during winter: the town has likewise been frequently ravaged by the plague.

winter: the town has likewise been frequently ravaged by the plague.

The ancient Nauplia was the port and arsenal of Argos during the flourishing period of Greclan history; but it was deserted and in ruins when visited by Pausanias, who noticed the vestiges of its walls and docks (\$\(\lambda\)_{\text{abset}}\), the temple of Neptune, and a fountain called Canathus, still existing. The inhabs, had been expelled several centuries before by the Argives, on suspicion of having favoured the Spartans, who in consequence received them into their territory, and established them at Methone in Messenia. The town revived under the Byzantine em-

980

NAVAN.

perors, and was occupied in the 13th century by the Venetians, who made it their chief settlement in the Morea. It was taken by Sultan Solyman in 1537, but was soon afterwards recovered; nor did the Venetians simily lose possession of it till the treaty of Passarowitz in 1718 secured it to the Porte, which retained it down to the close of the war of independence. Naupila was the sext of the new government from 1829 to 1834, when it was transferred to Athens. (Burgess's Greece and the Levant.; 186—185.; Leake's Morea, it 285—361.; Qf.Rep.; Journ. of Educ., vol. ix., &c.)

NAVAN, an inland town of Ireland, prov. Leinster, co. Meath, at the confluence of the Blackwater with the Boyne, 25 m. N. by W. Dublin. Pop., in 1831. 4,416, and, including its suburbs, about 6,000. It has a parchurch, a Rom. Cath. chapel, a convent, an endowed grammar-school, a national school, a preparatory Rom. Cath. college, with a chapel, court-house, bridewell, fever hospital, the infirmary for the co., and cavalry barracks. At one end of the town is a large rath or mote. Owing to the opening of the Boyne navigation to Drogheda, Navan has become a place of considerable trade, especially for all norts of agricultural produce, ent principally to Drogheda, but partly last to Dublin. It has also 5 corn or flour milis, 2 paper milis, 2 distillerics, and a tannery. The old corporation sent 2 mems. to the Irish H. of C. till the Union, when it was disfranchised. Markets on Wednesdays; fairs on Easternal Trinity Monday, the 2d Monday in Sept., and the list Monday in Dec. Post-office revenue, in 1830, 602., NAVARINO, a town and sea-port of indep. Greece, on the S.W. coast of the Morea, 136 m. S.W. Athens, and 93 m. S. by W. Patras; lat. 369 52 15" N., long. 210 1" E. Pop., 2,000. 2 It stands on the S. side of a fine semicircular bay of the same name, and is surrounded by walls, and defended by a strong citadel, placed on a lofty rock. Streets narrow, steep, and irregular, lined with mud, and encumbered in many places with the fallen ruins

failen ruins of former habitations. At the opposite extremity of the bay are the remains of Navarino Vecchio consisting of a fort covering the summit of the hilly peninsula of Corpphasism, on the S. slope of which once stood the ancient Pylos. The long rocky island of Sphagia (an. Sphacteria) stretches about 4 m. from N. to S. across the mouth of the bay, forming a kind of natural breakwater for its protection from the heavy seas that would otherwise be thrown in from the W. The entrance is at the S. side of the island, and the bay is one of the finest asylums for shipping in the Mediterranean. It has water to float the largest ships, and good holding ground. Ships usually moor about 4 m. from the modern town, or behind the island of Marathonisi, near the centre of the harbour. The circular 1800n, on the N. side of the harbour, directly E. Navarino Vecchio, abounds with fish; but, as it is not mentioned either by Thucydides of Pausanias, it is probably of modern formation.

The ancient Pylos, one of those towns that claimed to be the birthplace of Nestor (called by Homer Nu-New Serv.), was deserted by its inhab. after the Measenian war. When the town was restored, we have no information; but in the time of Pausanias, it was inhabited, and comprised among other monuments, a temple of Minerva Corpphasia, and a monument of Nestor. (See Pausa Mess. Sc., quoted by Leake, i.413.) The island of Sphacteria, which Thucydides (iv. 35—38.) has described as "desert, pathless, and covered with wood" ("Liddes ri and servicing stars is 'ignisias), is celebrated in the history of the Peloponnesian war as having been occupied by the Lacedsmonlans after the defect of their fleet by the Athenians, under Demosthenes. They were detained to

of the Peloponnesian war as having been occupied by the Lacedæmonians after the defeat of their fleet by the Athenians, under Demosthenes. They were detained here during 72 days, and were at length compelled to give themselves up as prisoners, and to surrender their deet in pledge of their fidelity to their engagement. The battle which preceded this blockade took place in the bay of Pylos, or Navarino, which has also obtained celebrity in modern times, during the late war of independence, for the decisive victory gained (Oct. 20. 1827) by the combined fleets of England, France, and Russia, under Sir E. Codrington, over the Turco-Egyptian fleet, commanded by librahim Pacha. Notwithstanding the great preponderance of force and science on the part of the allies, the Turco-Egyptian fleet made an obstinate resistance, but in the end it was almost totally destroyed. A convention was soon after entered into, by which the Turks agreed to evacuate the Morea; and this battle finally led to the acknowledgment by the Porte of the independence of Greece, in the treaty of Adrianople, in 1829. (Leake's Morea, i. 400—415.; Gall's Morea, pp. 19

1923. (Leane and Co.) NAVARRE (Sp. Neverra), a portion of Spain forming a dependent kingdom under that monarchy, on the N.E. side of that peninsula, between lat. 410 57 and 430 18 N. and long. 09 41 and 39 25 W.; being bounded N. by France and the Pyronees, E. by Aragon, S. by Old Castlle, and W. by the Basque provs. Greatest length

MAVARRE.

from S.W. to N.E., 75 m.; breadth, about 30 m. Estimated area, 2,400 sq. m. Pop., 271,380. The surface consists in a great measure of subordinate mountain ranges, running southward from the main ridge of the Fyrences; but the S. part of the prov., near the Ebro. has some extensive and fruitful valleys. The principal summits within the limits of the prov. are Altobiacar, 5,380 ft. high; Adi, 5,218 ft.; and 3 others rising above 5,000 ft. from the sea. The highest points of the Pyrences, however, are considerably to the E. in the kingdom of Aragon. The principal passes over the Pyrences from Navarre into France are, proceeding eastward, those of Verra, Maya, and Roncesvalles, the last of which is, according to Bory St. Vincent, 5,771 ft. above the sea. The mountains are chiefly of transition and secondary formation, consisting in a great measure of the rock called Pyrencan limestone. Japper and marbles, also, occur in large beds; and there are several iron-mines, besides one of copper. Rock-salt is quarried at Valterra, near the Ebro; and the yearly returns, according to Miñano, amount to 12,000 arrobas; the prov., also, comprises numerous thermal springs. Principal rivers, the Aragon, Zidacoa, and Arga, uniting their waters in one channel, which falls into the Ebro opposite Alfaro: the only river flowing into the bay of Biscay is the Bidas-oa, which rises in the mountains. forming the Val de comprises numerous thermal springs. Principal rivers, the Aragon, Zidacos, and Arga, uniting their waters in one channel, which falls into the Ebro opposite Alfaro: the only river flowing into the bay of Biscay is the Bidacoso, which rises in the mountains, forming the Val de Bastau, and has a course E. N. E. of about 45 m., falling into the sea near Fuenterrabla. The climate of the mountainous districts is very severe in winter, and not genial even in summer; but in the valleys of the Ebro and Aragon the temperature is much higher, and the climate delightful, as well as healthy. The forest trees of the Pyrenees consist chiefly of the pine, large quantities of which are sent down the Ebro to Zaragoza and other places; but there are also considerable numbers of beeches, deciduous oaks, chestnut-trees, &c.; and no prov. furnishes so good a supply as Navarre of useful building timber. (Cook's Skrickes, il. 285.) The wild animals of the mountains are wolves, wild boars, foxes, and wild cats; game is abundant in every part of the prov. Pasturage is extensively followed, especially in the N. districts; and, according to Miffano, the stock at the last general census included 43,636 oxen, 4,616 calves, 25,760 mules, 639,500 sheep, 69,500 goats, and 31,760 hogs; the produce of wool being estimated at 56,490 arrobas (13,650 ext.). The higher part of the kingdom, on the forndiers of France, is bleak, cold, and unsuitable for collage; but the plains near the Ebro have a rich productive soil, well watered by numerous streamlets connected with the larger rivers. The principal crops are wheat, maise, barley, and oats. Hemp and flax are also raised, with oil and wine. About the half of the latter, with the greater part of the wool, and about 30,000 bushels of corn are exported chiefly to France in return for silk and cotton fabrics, colonial produce, &c. Cyder is made in the Val de Baztan, and liquorice is raised in the S. districts for exportation. Agriculture, however, is much neglected, and was recently rendered almost futi carios. Manufactures are also inconsiderable, including only those that are most indispensable, and some distilleries. The intercourse with the adjoining prove. is maintained parily by the canal of Aragon, running from Tudela to Zaragoza, and parily, slo, by roads intersecting the country in various directions: the great road from Pamplufia to Madrid is said by Captain Cook, and other recent travellers, to be little inferior to the modern roads of England.

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The kingdom of Navarre is still governed by its separate laws, and has, nominally at least, the same constitution which it enjoyed when it was a separate monarchy; but its cortes, or estates, have not met since 1713, and cannot be convoked without the autionity of the crown. A council, however, representing the cortes, sits permanently at Pamplufia, decides on the method of raising the revenue, fixes the tariff, and exercises other commercial privileges. The supreme power is vested in the viceroy, who precides at the royal council (Cosacjo Real), consisting of 6 judges, an attorney-general, and 4 alcades: this is the highest tribunal for civil and criminal causes. The inhabs, of Navarre are tall, and strongly built, resembling the Biscayans in independence of spirit, attachment to their religion, and jealousy of their ancient national privileges. Castilian is the general language of Navarre; but the Basque is spoken in the N. and W. districts.

districts.

Navarre is divided into 17 pertidos, which are again subdivided into 74 merindades, or districts; and the kingdom comprises 9 cities, the principal of which are Pampiufia, the cap. and seat of government (pop. 15,000), Tudela (8,180), the once royal city of Ohite (5,000,) and Estella, the stronghold of the Carlists during the late war (4,500).

The inhabs. of Navarre, in the time of the Romans,

were called Fascones, in common with those in the neighbouring parts of the peninsula, and were faithful subjects of the empire till the close of the 5th century, when they were subdued by the Visigoths, under whose sway they remained between 300 and 300 years. The Araba overtan the country in the 8th century, but were when they were statuted between 300 and 300 years. The Arabs overran the country in the 8th century; but were unable to effect its conquest. Inigo, Count of Bigorres, having been elected king in the 9th century, the crown remained upwards of 5 centuries in his family, till in 1890 it became united, through intermarriage, with that of France, the title of whose monarchs, from the time of Henry IV. (with the exception of Napoleon), to that of Charles X., was "King of France and Navarre." In 1912, however, Ferdinand of Aragon united all the country S. of the Pyrenees to the crown of Spain; so that only the small portion N. of that chain remained annexed to the French monarchy; this formed the prov. of Bearn before the Revolution, and is at present included in the dep. of the Lower Pyrenees. (Cook's Sketches in Spain, I. 118—122.; ii. 286.; Miliano; Dict. Géog., &c.)

included in the dep. of the Lower Pyrenees. (Cook's Sketches in Spains, 1. 118—122.; ii. 286.; Milano; Dict. NAXIA (an. Nasos), an island of the Grecian Archipelago, the largest of the group called the Cyclades, about 5 m. E. Paros, its cap. of the same name being in lat. 370 "N., long. 380 'M' E. Shapo, oval: circuit, about 48 m.: area, 106 sq. m. Pop., according to Burgess, 18,000. The coast is much indented and precipitous, especially on the N. E. side; and the surface is ery uneven, comprising several high mountains of primitive formation, on which are superimposed strata of grauwacké and mountain insectore: the culminating point of the island, anciently called the hill of Zeus (2,310 ft. high), is still called Ziz: is tatianed some celebrity from its containing a cavern or grotto, to which, according to tradition, the Bacchantes came to celebrate their mysteries and festivals. Emery is wrought in one part of the island; and, according to Dr. Clarke, almost all the emery of commerce comes from Naxia. Large Socks of sheep feed on the mountain sides; but both their wool and flesh are of inferior quality.

Naxia has few large trees, but is pretty thickly covered with lemon trees, myrites, oleanders, thorny brooms, the arbutus and labdanum plant, atractylis guswamifera, the produce of which is chewed by the natives, and various kinds of leguminous plants, besides the olive, fig. and vine, which are extensively cultivated. The wine, however, though characterised by Athenaus as the "nectar of the gods," is now of very indifferent quality, owing to the want of care in its preparation. The oil, also, is inferior to that produced in most of the tother Islands. The island was famous in antiquity for its fertility; but agriculture is now so much neglected that the corn raised its sufficient only for six months'

other Islands. The Island was famous in antiquity for its fertility; but agriculture is now so much neglected that the corn raised is sufficient only for six months consumption of the inhab. Vegetables, however, are so abundant, that considerable quantities are sent to Syra. (Burgess, ii. 21.) Lime juice also is exported, chiefly to Russia. In the S. of the island is a small saittpan, from which the cap. is supplied with sait. The island abounds with game; and field-sports constitute a favourite occupation of the inhab.

Naxia, the cap. of the island, occupies an eminence close to the sea on the W. coast (which is the only part accessible to shipping), and has 4,000 inhab. Its narrow streets lined with dilapidated houses, exhibit a profusion of marble; and there is scarcely a dwelling in which there are not ancient inscriptions or other monuments. A castle, built by the Venetians, occupies the summit of hill above the town. The principal remains of the ancient Naxos are a gate belonging to a temple of Bacchus, on a lony crag, an aqueduct, and a jetty now under ancient Naxos are a gate belonging to a temple of Bacchua, on a lofty crag, an aqueduct, and a jetty now under
water, but still distinguishable in calm weather. It is
the residence of a Greek and Latin archbishop, and there
are several churches and convents belonging to both religions. The harbour of Naxia, called the Porto Saline
on account of the salt collected there, is exposed to the
N. and N.W. winds, and being almost surrounded by
hidden rocks, is unfit for the anchorage of large ships.
The island comprises do villages; and there are numerous country-houses, forming the residences of the nobles
and gentry.

rous country-houses, forming the residences of the nobles and gentry.

Naxos (which, according to Pliny, was called at different times Strongyle, Dia, Dionysias, and Callipolis), was probably first colonised by Carians. The Naxians were among the most steadfast opponents of Persian aggression, and the failure of the expedition undertaken by the Persians against this island at the suggestion of Aristagoras, led to the revolt of the ionian states. Soon afterwards, Naxos was conquered by the Persian fiset under Dalis and Artaphernes, who destroyed the city and enslaved its inhab (Herod. v. 28. vl. 96.) The Naxians, however, had sufficiently recovered 7 years afterwards to enable them to furnish 4 well-equipped triremes for the feet at Salamis. The Athenians, even in the time of Plaistratus, claimed them as colonial dependent; and, after the Persian war, they deprived them of their liberty. Naxos was celebrated in ancient mythology for the worship of Bacchus, who is alleged to have been born in the

island. It became tributary to the Romans after the full of Corinth, 146 n. c., but was ceded by Mark Antony to the Rhodians after the bettle of Phillippi. The island was afterwards annexed to the possessions of the castera empire, and subsequently became the possession of the Venetians, and the cap. of a dukedom which embraced most of the other Cyclades. At length, in the reign of Selim II. (a. D. 1870), it was united to the Ottoman empire. The Turks, however, allowed the inhab, to retain their ancient laws and government, contanting them. prie. The Turks, however, allowed the inhab. to recampine. The Turks, however, allowed the inhab. to recampine their ancient laws and government, contanting themselves with occasionally sending a sectioned to collect the land-tax and customs. It now forms a part of the new lingdom of Greece. (Tournefort, 1. 208—221.; Burgess, il. 21.; Crosser's Greece, ili. 408.; Clarks's Greece, &c., vi Gl. 112.)

ii. 1).; Cramer's Greece, iii. 408.; Clarke's Greece, &c., vi. 90.—113.

NAZARETH. or NASSARA, a small town of European Turkey, in the pachalic of Acre, celebrated as having been the residence, during his youth, of the founder of Christianity, 17 m. E.S.E. Acre, and 70 m. N. by E. Jerusalem. Pop. 3.000, of whom 500 are Turks, and the rest Christians. It stands on the W. slope of a delightful valley, encompassed by rocky mountains of no great height, which riee round it like the edge of a shell, as if to guard it from intrusion. The houses are mostly wretched stone cottages, with mud Soors and roofs; nor does it comprise any thing worthy of notice, except a Latin church and convent, with two other churches, belonging respectively to the Maronikas and Greek Catholics. The Turks also have a mosque, erected at the beginning of the present century. The Latin convent, belonging to the missionaries of the Terra Santa, at the E. end of the village, is a specious and commodious building of stone, surrounded by high walls, which enclose a church, cells for the friars, and extensive accommodation for pilgrims and travellers. The church, called that of the Annunclation, is an ill-proportioned and gaudily ornamented building, said to cupy the spot where, according to tradition, the house of Joseph and Mary stood before its miraculous removal to Loretto. The columns and interior walls are hung round with silk damask, and there are two tolerably accoders and the server in the standard of the december of the property of the december of the

The church, called that of the Annunciation, is an ill-proportioned and gaudily ornamented building, said to occupy the spot where, according to tradition, the house of Joseph and Mary stood before its miraculous removal to Loretto. The columns and interior walls are hung round with silk damaak, and there are two tolerably good organs. Beneath the high altar is the descent to a subterranean cave, in which the Virgin is said to have vived, and which is divided into small grottoes, pointed out as her kitchem, parlour, and bed-room! Here also are two granite columns, each 3 ft. 1 in. in diameter, and shout 3 ft. spart, which are supposed to occupy the very places where the Angel and the Virgin stood at the paccise moment of the Annunciation. The innermost pillar is broken through, above the pedestal, and, although it touches the roof, it is represented to be self-supported in the air. "The fact, however," is, says Dr. Clarke, "that the capital, and a piece of the shaft of a greg granite pillar, have been fastened on to the roof of the cave: so clumsily, also, is the rest of the Accus-poots contrived, that what is shown for the lower fragment of the same pillar is not of the same substance, but of Cipolino marble." (Trusels in Greces and the Holy Land, iv. 170.) It was formerly the custom of the sick, during the prevalence of the plague, to resort thither for the purpose of rubbing themselves against the pillars, believing thus to obtain a certain cure; but, within the last few years, a railing has been formed to exclude the patients, who, however, still sock round in hopes of relief from being in its immediate vicinity. Different interesting localities are pointed out to the pilgrims, such as Joseph's wortshop, enclosed in a small chapel, the synagogue in which Christ explained the celebrated passage of Isaish (Luke, iv. 16–22), the table on which Jesus ate his last meal previously to his final departure for Jerusalem; and over the precipice, or "brow of the hill." to which they led him, "that they might cast him

dence of Jesus Christ almost from his birth to the commencement of his ministrations. Here the angel Gabriel announced to the Virgin the approaching birth of the Saviour; thither the holy family returned 23 days after his birth at Bethlehem; and during his infancy spent in the house of Joseph the carpenter "the child grew and waxed strong in spirit, filled with wisdom, and increasing in favour with God and man." (Luke, ii. 40.52.) Christ preached here "the acceptable year of the Lord," immediately after the temptation; and found from the unfavourable manner in which he was received, that "no prophet is accepted in his own country." His hearers were filled with wrath, rose up, thrust him out of the city, and led him to a precipice to destroy him; but he passing through the midst of them, went his way to have been his general residence, though there can be little doubt that he occasionally visited Nasareth to see his mother, and the members of her family. (Clarke's Travet's In Greece and the Holy Land, iv. 164—183; Traver's Levans, ii. 129—132.; Robinson's Palestine, 205—299.; Mod. Traws.; Calmet's Dict. ad vocem.)

NEAGH (LOUGH) a lake of Ireland, the largest in the United Kingdom, in the centre of the prov. of Ulster, having N. and E. the co. of Autrim, S.E. Down, by which it is merely touched. S. Armagh, W. Tyrone, and N. W. Londonderry. It is about 17 m. in length, by about 9 m. in breadth: occupying, inclusive of Lough Bog (2.551 acres), which is Joined to it, an area of 61,526 Irish, or 59,523 statute acres, at ordinary high-water.mark. (Third Report of Commissioners on Irish Bogs.) It is fed by several rivers of considerable magnitude, while the Lower Bann is the only channel through which its refluent waters find a passage to the sea. Though by far the largest, it is by no means the most beautiful of the Irish lakes. Its shores consist mostly either of a level strand, or marshy border, liable to frequent floods; and are of course deficient in those varied banks, and bold promonnotries, without which such of these there are only two small and uninteresting ones in this lake. Frequent equalis and want of shelter render its navigation rather dangerous for salling vessels; but these inconveniences will most probably be obviated by the introduction of steam packets. According to Mr. Sampson (Surrey of Londonderry, p. 118.), the mean level of Lough Neagh is about 38 ft. above that of the sea; and it is said that nearly 10,000 acres of land contiguous to its banks, now annually flooded, might be wade available for acricultural nurposes by the outlaw made available for agricultural purposes, by the outlay of a moderate sum on the removal of some obstructions

NEGROPONTE.

nexed it, with Aberavon, Kenfig, and Loughor, to Swamses, which sends i mem. to the H. of C. At the same time the electoral limits were so enlarged as to include, with the old bor., that portion of the suburbs on the W. side of the river. Registered electors of Neath in 1839—40, 174; ditto, of entire bor., 1247. Neath is also one of the polling-places at elections for the co.; and the petty sessions for the hund, are held here, as well as the quarter sessions alternately with 3 other towns. Markets on Wednesday and Saturday; fairs, July 3., Sept. 12., and the first Thursday after Trinity Sunday.

About 1 m. from the town, on the low ground bordering the river, are the ruins of Neath Abbey, founded by Richard de Granville in the 12th century: the church is a mere heap of ruins; but the chapter-house, a curious specimen of early English architecture, is still in tolerable preservation; and foundations of buildings may be traced to a considerable distance. (Past. Rep.; Nichelson's Combriss Gistle.)

NEGAFATAM, a decayed town of Hindostan, presid. Malras, distr. Tanjore, and the residence of the British collector for the district, on the shore of the Bay of Bengal, 163 m. S. by E. Madras. The European town, which was formerly the cap. of the Dutch possessions in the Carnatic, now scarcely exists, Negapatam being seldom resorted to, except by ships, for water and provisions, both of which are pientiful. The native town is tolerably extensive and regular, and on its N. side is a remarkable tower 80 ft. high, the origin of which is unknown, but which is very useful as a landmark. The anchoring ground here is about 3 m. from shore. Negapatam was taken by the English in 1781. (Hamilton's E. I. Gaz.)

NEGOMBO (Nagambhs "the land of serpeuts.") A sea-port town of Ceylon, on the W. coast of that island, 30 m. N. Columbo, and beside the canal, from the latter city to Calpentyn. Lat. 70 11′ N.; long, 790 44′. It has a small fort, and several ranges of European buildings; and is principally inhabited by Dutch fam neighbourlag continent, from which it seems to have made available for agricultural purposes, by the outlay of a moderate sum on the removal of some obstructions in the channel of the Lower Bann. Its waters are celebrated for their petrifying quality. (Statistical Accounts of British Empire; ii. 337.)

NEATH, or NEDD (the an. Nidess of Antonine's Itin.), a parl, and funu. bor, market-town, and par. of S. Wales, co. Glamorgan, and hund. its own name, on the Neath (crossed here by a stone bridge), 7 m. E.N. E. Swansea, and 199 m. W. by N. London. Pop. of parl. or, in 1831, 4.043. The town, situated in a picturesque valley on the E. side of the river, is "indifferent in appearance: the streets are narrow, and badily paved; there are few good houses, and the place is only partially lighted with gas. The cottages of the poor extend irregularly beyond the town, particularly on the Cardiff read." (Miss. Bossad. Report.) The town-hall is a handsome modern building, the lower part of which is used for a corn-market: a church, with a lofty square tower, and six places of worship for dissenters, are to collect the public edifices. There are two national schools, two Sunday-schools, and two infant schools.

Neath is situated in the immediate vicinity of an extensive copper, iron, and coal district, and it depends in a great measure on the groat melting-houses and founding streams that have been established round it, chiefly on the Weball, of the rive. The commerce of Neath a very expensive that have been established round it, chiefly on the work of the rive. The exports are coal, culm, copper, iron, and so appearance; which is about 24 m. lower down the river, and is connected with Nesth by a canal running northward, 12 m. higher up the valley.

Neath is abort. by prescription, and has been governed provided the provided of the provid

NEJIN, joined the Ionian colonists on the coast of Asia Minor. (i. 146.) They also founded settlements at a very early period in Illyria, Sicily, and Campania. Soon after the expulsion of the Pisiatratidae, the island became a dependency of Athens, but recovered its liberty, after a hard struggle, in the 21st year of the Peloponnesian war. It afterwards became attached to the Maccelonism interests, and was taken by the Romans from Philip, the son of Demetrius. It then gradually declined in popular than the son of Demetrius. It then gradually declined in popular than the son of Demetrius. It then gradually declined in popular than the son of Demetrius. It then gradually declined in 182 and proposession of Eubea; but were expelled from it, in 1470, by the Turks, who held it till the formation of the new kingdom of Greece in 1829. (Leuke's N. Greece, vol. ii.; Dodwell, ii. 189—183.; Cramer's Greece, ii. 123 —126. &c.)

vol. II.: Dodwell, II. 149—183.; Cramer's Greece, II. 123—125, &c.).

NEJIN, a town of Russia in Europe, gov. Tchernigoff, cap. district, on the Oster, 400 m. S. W. Moscow, at. 51° 2 45" N., long, 31° 49" 45" E. Pop. 16,000. It is surrounded by a rampart, most of its houses are of stone, and it is one of the handsomest, best built towns of Little Russia. It has several churches, 2 convents, an hospital, and a grammar-school founded by Prince Bezborodko. It produces silk, soap, leather, and preserves and liqueurs that are highly celebrated all oreserves and liqueurs density of a considerable portion of the commerce carried on between the provinces on the Balick and those on the Black Sea. Its merchants are principally Greeks, who enjoy certain peculiar privileges, but they are partly, also, Armenians and Jews. It has several well frequented fairs. (Schmitzler, is Russie, &c. p. 464. Dict. Geog.)

NEILGHERRY HILLS, or NEILGHERRIES, a collection of mountains of S. Hindostan. (See Madras Parsido, p. 246.)

collection of mountains of S. Hindostan. (See Madras Parsin., p. 245.)

NEISSE, a fortified town of Prussian Silesia, reg. Oppeln, on the river Neisse, which divides the city into 2 parts, in a marshy district, 48 m. S. S. E. Breslau. Pop., in 1945, 16,225. It is, on the whole, well built, having been greatly enlarged by Frederic II., who also constructed its best fortifications: it is entered by 3 gates, and comprises among its public buildings a large castle, a commandant's residence, district-hall, 7 Catholic and 2 Calvinist churches, extensive barracks, powdernills and arsenais, a small theatre, 2 hospitals, 2 high schools, a Catholic gymnasium, a poor-achool, and an asyium for poor Catholic clergy (called domuse emeritorum.) Neissa is the seat of a council for the circle, a tribunal for the principality, a board of taxation, and a consistory court: it has some printing establishments, manufactures of linen and woollen cloths, several distilleries, and a few good hotels. Large yearly fairs are

consistory court: it has some printing establishments, manufactures of linen and woollen cloths, several distilleries, and a few good hotels. Large yearly fairs are also held here. (Fon Zedlitz; Newkirch; Preuss. Stact, iii. 122; Berghaus, 4c.)

NELLORB, a town of British India, presid. Madras, cap. distr. of same name, on the Pennar, 13g m. from the Bay of Bengal, and 100 m. N. by W. Madras. It was, in the last century, a fortress of considerable strength; and is still a populous and busy town, about \(\frac{1}{2}\) m. in length, full of shops well stocked with commodities, though without a single public or private building of note. The suburbs without the walls are large. The residence of the British collector, &c. is on an elevated ridge S. of the town. A curious discovery was made here in 1787, of a number of Roman gold coins and medals, enclosed in a small pot under the ruins of a Hindoo temple. Many had, unfortunately, been sold and melted; but about 30 were preserved, and found to be of the second century, mostly Trajans, Adrians, and Faustinas. (Hamilton's E. J. Garatter; Madras Almanack.)

mostly Trajans, Adrians, and Faustinas. (Hamilton's E. I. Garcetter; Madras Almanack.)

NEMEA, an ancient town of Greece, famous for the games celebrated in its neighbouring grove, but now marked only by the modern village of Agio-Georgio, 12 m. S. W. Curinth, and 10 m. N. by W. Argos. The extant ratins of the town, or village (for Pausanias terms it merely a \$\(\text{2}\equiv{e}\text{us} \), comprise fragments of a temple of Jupiter, a church, and a few blocks and broken Doric pillars, supposed to have formed parts of the tomb of Opheltes. Of the temple "three columns only are standing, two of which, belonging to the space between the antes, support their architzave. These columns are 4 ft. 6\(\text{in} \) in in diameter, and nearly 32 ft. high, exclusive of their capitals. The temple was hexatyle and peripteral, being supposed by Mr. Wilkins to have had it columns on the sides." The lower part of the walls, enclosing the cella, is complete, and the pillars, of which there are numerous fragments, have fallen in such regular order, that the temple appears to have been destroyed by an earthquake, rather than by the lingering and desultory decay of time. Mr. Dodwell says: "I have not seen in Greece any Doric temple, the columns of which are so slender, and the capitals so disproportionately small, as those of Nemea: the whole is of soft calcareous stone, and the columns are coated with a fine stucco." Sir W. Gell mentions, also, "that there are indications of the Nemean theatre at the foot of a neigh-

bouring hill; and probably vestiges of the stadium and hippodrome might be discovered by a search similar to that instituted at Herculaneum and Pompeli." (Itis. of Morea, p. 159.)

a was celebrated in mythical history as having Nemea was celebrated in mythical history as having been the scene of the first labour of Hercules in destroying the Nemean lion; and the den of this animal was pointed out to travellers even in the time of Pausanias, near the end of the second century of the Christian ara. The games are of doubtful origin; but the national anythology ascribes them to the respect entertained for the memory of Opheltes or Archemorus, son of Lycurgus, a king of Nemea. They were celebrated in the grove of Molorchus, and are thus alluded to by Statius (Theb. iv. 159.): -

Dat Nemea comitte et quos in praila vires Sacra Cisoneri cogunt vineta Molorchi.

Sacra Cleonest cogant vinets Molerchi.

With respect to the periods at which these festivals were celebrated, different accounts are given by the old writers; but the most consistent statement is, that they were celebrated triennially, in the Athenian month Boedformion, corresponding with the modern August. The Argives were the judges at these games, which comprised boxing and athletic contests, as well as chariot-races; and the conquerors were crowned with olive till the time of the Persian war, when, in consequence of the losses and the conquerors were crowned with olive ill the time of the Persian war, when, in consequence of the losses that the Argolic republic had sustained in that struggle for independence, smallage, a funeral plant, was introduced in its stead. It appears from Polybius and Livy (xxvii.30.), that the games were in a flourishing state in the regin of Philip, son of Demetrius, in the second century preceding the Christian æra. It may be inferred, howprecoding the Unistan zera. It may be interree, now-ever, from the slight mention that Pausanias makes of the Nemean games, that they had in his time fallen into great neglect. (Dodwell's Greece, ii. 208—210.; Cra-mer's Ancient Greece, iii. 285.; Burgess's Greece, L. 171

the Nemean games, that they had in his time fallen into great neglect. (Doducit's Greece, ii. 208—210.; Cramer's Ancient Greece, iii. 286.; Burgges's Greece, i. 171—177.)

NEMI, a village and lake of Central Italy, Papal States, in the Comarca di Roma. The village on the N.E. bank of the Lago di Nemi is 2 m. N.E. Albano, and 16 m. S.E. Rome. Nemi, so called from the forest or semses by which it was anciently surrounded, was famous in antiquity for the worship of the Scythian Diana—semses glaciale Trivies—to whom human sacrifices were offered. No remains that can with certainty be ascribed to the temple dedicated to the goddess are now to be met with. The Lago di Nemi is 1,022 ft. above the level of the sea; and is now, as of old, beautifully sequestered, and well entitled to its classical epithet of Speculum Diana—But its principal celebrity in modern times has been derived from the discovery at its bottom, in 1835, ef the remains of a very large ship, 500 ft. in length, constructed by one of the early emperors, most probably for some of the membraneshas, or sham sea-fights, exhibited on the lake. (Gell's Rome and its Vicinity, il. 12:, Cramer's Ancient Italy, ii. 34.)

NEMOURS, a small town of France, dép. Seine-et-Marne, cap. canton, on the Loing, 18 m. S. by E. Meiun. 190., in 1836, 3,635. It is surrounded by the river and the canal du Loing, and inclosed by walls. It is well built, and has a fine old castle, which now serves for several public institutions, including a public library of 10,000 vols.; several suburbs, a hospital, a small theatre, and a handsome bridge over the Loing. It has some large tanneries and leather factories, and a brisk trade in agricultural produce. The seignory of Nemours was given to the house of Orleans, by Louis XIV. (Hugo, art. Srine-et-Marne, etc.) Menony was a seen of the house of Orleans, by Louis XIV. (Hugo, art. Srine-et-Marne, ge.)

NEMOGHAMA is a seen and the seignory of Nemours was given to the house of Orleans, by Louis XIV. (Hugo, art. Srine-et-Marne, ge.)

NEMOGHAMA

tional Banks were opened in 1834-5. (Railway Rep. &c.) NEOT'S (ST.), a market-town and par. of England, hund. Toseland, co. Huntingdon, on the Ouse (crossed here by a handsome stone bridge), 8 m. S.S.W. Huntingdon, and 49 m. N. by W. London. Area of par. 4,780 acres. Pop., in 1831, 2,617. The town comprises 3 or 4 respectable streets, intersecting each other, with a large market-place. The church is a fine building in the perpendicular English style, with large windows of painted glass and an elegant tower 159 \$5. high, at its W. end.

NEPAUL.

There are also 3 places of worship for Dissenters, and, in 1834, 4 Sunday-schools were attended by 520 children. It has also an endowed school for 25 boys, and a large paper-mill; but the principal dependence of the inhab. is on the retail trade with the surrounding district. Markets on Thursday, Jarge hoyes and cattle fairs, and a

There are also 2 places of worship for Dissenters, and, in 1824, 4 Sunday-schools were attended by 500 children. It has also an endowed school for 25 boys, and a large paper-mill; but the principal dependence of the inhab, is on the retail trade with the surrounding district. Markets on Thursdy, 3 large horse and cattle fairs; and a statute fair on Aug. 1.

NEP AUL (Hind. Nepala), an indep kingdom of N. Hindostan, extending through 8 degs. of long, and comprising a great portion of the 8. declivity of the Himalaya chain. It lies between lat. 250 30 and 300 500 N., and long. 800 and 800 Etc., having N. and N.E. the table-land of Thibet, E. the territory of Sikkim, and elsewhere the British territories. Length, E., to W., about 500 m., average breadth, rather more than 100 m. Area may be estimated at 53,000 s. m.; and pop. 22,000,000. This country may be divided into four regions, according to its elevation. The lowest, or *terriams*; is a part of the great plain of Hindostan. In a few places, the British districts reach to the base of the mountains, but, in most parts, the Nepaul dominions stretch for about 20 m. into the plain. This region is not wholly level, but undualting, and comprises a good deal of poor 'and, overgrown with trees and bushes of little value: but there is also a large proportion of rich land, and, upon the whole, the soil is much better than in the adjacent parts of the British territory, the products being, however, nearly the same. The surface here is intersected by numerous small rivers, which not only serve for watering the crops, but, in the rainy season, are used for the transit of agricultural produce to the markets of British India, and to float down the valuable timber of the forests. The very name terrianial (or tarigani), implies, indeed, the country's being navigable. Bounding this region on the N. is another of nearly the same width, consisting of small hills composed chiefly of clay intermixed, however, with many primary rocks.

The lower portion of this region, with a part of

harvest is never injured; and as most of these terraces can be supplied at pleasure with water from springs, the crops are almost certain. In some parts the same land gives a winter crop of wheat and barley, but in most parts this is judiciously avoided. Where the land is too steep for terraces it is energible cultivated after follows with

this is judiciously avoided. Where the land is too steep for terraces, it is generally cultivated after fallows with the hoe, and produces rice (sown broadcast), maize, cotton, several kinds of pulse, a kind of mustard, Indian madder, wheat, barley, sugar.cane, and a large species of cardamon; and in the country between Nepaul Proper (the valley of Catmandoo) and the Kall, ginger is a valuable product; but transplanted rice may generally be considered as half the entire produce. The sugar-cane is pianted in considerable quantities in the valley of Nepaul Proper, and it seems to thrive. Most European kitchen vegetables have been introduced; but they are

only to be found in the gardens of men of distinction, an in very small quantities. From the abundance of rathe climate is not favourable for many kinds of fruit; theats of spring not being sufficient to bring them to maturity before the rainy season sets in, as is the case in Bengal. Peaches grow wild by every rill, but the one sid of the fruit is rotted by the rain, while the other is sti green. The grapes are also bad from the same cause. The pasture on the mountains, though not so harand watery as that of the low country, is by no mear good, and is said to be inferior to that even of the heati of Scotland. The pastures are in general common Nothing is paid for pasturage; but as it is scarce, and it the principal tribes do not employ cattle in agricultur very few are bred in the country. Buffalces and goarse imported from the low country; and horses, yaik (Bos grassnicas), shawi-goats, common goats, and sheet are brought from Thibet, and become tolerably is on the hills. The buffalces furnish pretty good beet The shepherds of some tribes are provided with numer out flocks. In winter they retire to the lower mountain and valleys; but in summer they ascend to the Alpinregions, and feed their herds in the vicinity of perpetua snow. The sheep which these people possess are very large, and have fine wool, which is woven into a clotifiner than that of Bootan: they give also an abundance of milk, from which is made a kind of cheese.

The lands in Nepaul Proper have long been divided into khate, or fields, each of which, in ordinary seasons, produces about 234 bushels of puddy, or rice, in the huak, which, on the supposition that each khat is equivalent to 8½ English acres, would be at the rate of 28 bushels an acre. The arable lands are partly retained as the property of the court, for defraying the rajah's household expences; but the produce of the land so employed is not sold, but serves for the consumption of the court, and for distribution in charity at the temples and among religious mendicants. But by far the

Nepaul, however, they have made a further progress than in India, by the introduction of water-mills for grinding corn.

The mountain region of Nepaul contains a good deal of iron, copper, lead, and some sinc, the first three being found quite on the surface. The copper ore is dug from trenches open above, so that the workmen cannot act in the rainy season, not having sagacity to make a drain. Each mine has attached to it certain families, who seem to be a kind of proprietors, as no one else is allowed to dig. The total quantity of ore dug by each miner may be estimated at 2,000 lbs. a year. This is delivered to another set of workmen, by whom the forests mostly belong, furnishing the materials for the charcoal. The ore yields, at an average, 63½ per cent of metal, 1-3d of which becomes the share of the rajah, 1-3d that of the miner, and 1-5th the share of the suncker; the remainder is divided among the rajah, 1-3d avances a subsistence to the whole working party, and often furnishes loans even to the rajah. Iron-ore is found near the surface, and is wrought nearly on the same principle as copper, the miner receiving 1-3d part of the produce. Some of the iron is so excellent that even without being converted into steel, it is made into knives and swords. Only 2 lead-mines are now wrought; but lead is found in many parts of the country close to the surface, and it contains much sliver. There are numerous sulphur mines; but some have been deserted on account of their injurious effects on the workmen. Corundum, here called Karras, is found in greet quantities on the hills of Isma and Musikot; but the masses, which always ile close to the surface, are much smaller than those in the British territory, and seldom exceed 4 or 5 lbs. in weight. exceed 4 or 5 lbs. in weight.

The Nepaulese government, which for many years has been monopolised by the tribe called Gorkahs, is essentially despoted; modified, bowers, by certain observances enjoined by immemorial custom. The Disarmamace enjoined by immemorial custom. The Dharmschastra forms the basis of jurisprudence both in civil and criminal cases, the principal punishments being by fines, consistations of property, banishment, degradation of caste, maining, and death by hanging as well as flaying. Women are never put to death, but are subject to mutilation and torture. The provs, are governed by subaka, who are the supreme officers of revenue, justice, and police: each farms the revenue of his own district, and either collects it on his own account, or underlets it to its caradars. The amount paid by the subaha, however, forms by no means the whole of the royal revenue; for, besides compulsory presents made by all risiters of the court, a general income-tax is levied on all classes according to the exigencies of the state. Nepsul Proper is governed by a rajah, assisted by the bazadar, or council of the 12 great officers of the court; for the support of which Catmandoo pays 18,000 rupoes; Lalita Patan, 18,000; Bhatsong, 14,000; and Kirthipoor, 7,000. Each farm is assessed at a certain quantity of grain, which may be paid either in kind or in money at the market price. A large proportion of the valley, however, has been alienated either in fee or as charity land. A town called Banghoo, worth annually 4,000 rupoes; Is the jointure of the queen-repent, and Dewapatan, which is still larger, belongs wholly to certain temples. The religion of the Nepaulese is Buddhism ; but in the distinctions of caste and the nature of the priesthood there are essential differences between the religion of the Buddhists of Ateres. stra forms the basis of jurisprudence both in civil and

Nepaulese is Buddhism; but in the distinctions of case and the nature of the priesthood there are essential differences between the religion of the Buddhists of Ava and that professed by those of Nepaul, both of whom are held in equal subnorence by the Brahmins of Bengal.

The pop, of Nepaul comprises numerous tribes partly of Mongol and partly of Hindoo descent. The Magars, who occupy the hills in the W. part of the kingdom, form the greater part of the rajah's army, and the Gurungs, who employ themselves either in mining or pasturage. The Newars live in the plain of Catmandoo, and devoce themselves to agriculture and the useful arts. They are of middle size, with broad shoulders and cheet, flat faces, small eyes, and spreading noses, with a sallow complexion. The grand basis of subsistence in Nepaul is

NEPAUL.

The most extensive manufacture of Nepaul is that of coarse cotton cloth, woren by the native women of all ranks, and by the men of the Parbatiya caste. The close constitute the dress of the middle and lower classes of people, though woollen would be better suited to the temperature of a Nepaul winter. All those, however, who are not very peor, corer themselves will consider the dress of the middle and lower classes of people, though woollen would be better suited to the temperature of a Nepaul winter. All those, however, who are not very peor, corer themselves will consider the common and calcose from the low countries. The military alone wear European broad cloth. There are also at Lalita-rand calcose from the low countries. The military alone wear European broad cloth. There are also at Lalita-rand calcose from the low countries. The military alone wear European broad cloth. There are also at Lalita-rand calcose from the low countries. The military alone wear European broad cloth. There are also at Lalita-rand calcose from the low countries. The military alone wear European broad cloth. There are also at Lalita-rand calcose from the low countries. The merchant calcoled Past : thoses, with iron vessels and lamps, are expanded at Bhatgang, from the bark of the Dapshee peptifora, and paper is imported from Bootas.

The trade of Nepaul was formerly pretty considerable, though the rajab's territories produce few articles of the capable of the police, and total want of the police, and total want of the proper in the police of the police, and total want of the police of the police, and total want of the police, and total want of the police, and total want of the police, and total wan

wars have a language peculiar to themselves, quite different from that of their neighbours, and alleged to posess a copious literature.

Nepaul, which was formerly divided among numerous independent princes, became united by conquest in the middle of the last century under the sovereignty of a chief of the Ghorkas, who in about 40 years subjected all the countries between the Sutledle westward and Bootan on the E. The aggressions of the Ghorkas on the Chinese territory were stopped in 1792 by an army of 70,000 men, who, after many victories, advanced within 25 m. of Catmandoo, and obliged the rajah to make an ignominious peace. The Ghorkas afterwards turned their arms against the British, who, after a war of two years, obliged them, in 1816, to cede all the countries between the Sutledje and Kail, as well as to evacuate the territories of the Sikim-rajah. Active symptoms of hostility to the English were displayed in 1839; but these were checked by the events of Affghanistan. (Homilton's Newson), passim.)

NEPI (an. Nepses), a town of Central Italy, Papal States, deleg. Viterbo, 25 m. N.N.W. Rome. Pop. about 1,500. It is beautifully situated, and surrounded by a high Gothic wall, partly founded on the original walls erected by the Etruscans. It has numerous churches and convents, and a fine modern aqueduct, but a gloomy and desolate appearance within. Some Roman antiquities exist here. Conjoined with Sutri, Nepi constitutes a bishop's see. (Gell's Rome, &c. ii. 118.)

NERAC, a town of France, dep. Lot.-et-Garonne, cap. arrond, on the Baise, a tributary of the Garonne, 16 m. S.W. Agen. Pop., in 1836, ex. com., 2,684. It is divided into the old and new town, one on either bank of their river, here crossed by two stone bridges. The old town, on a steep declivity, and partly surrounded with Gothic walls, is ill built and gloomy; but the new town, on a level site, and encircled by promenades, is well laid out, and handsome. Nerse has the remains of an extensive catele, said to have been constructed by the English, a

sta source, the Nerbuddah may be 2,460 ft. above the level of the sea: its total rate of descent will be therefore nearly 3½ ft. in a mile. During its passage it is greatly obstructed by rocks, islands, shallows, and rapids, which render its navigation in most parts difficult or impracticable through the provs. Gundwanab, Malwah, &c.; but, after entering Gujrat, it becomes navigable for small craft for about 100 m. from the sea. The Nerbuddah is joined by no affluent of any consequence. For so considerable a river its basin is remarkably narrow and restricted; it being inclosed on the N., for the most part, by the Vindhyan mountains, and on the S. by the Santpoora and other parallel ranges, which are seldom more than from 50 to 60 m. from the former. The valley through which it flows, consists of fertile alluvial soil, in which many fossil remains have been found. (See Journ. of the Asiatic Soc. of Bengal.) Mundlah, Gurrah Warrah, Hussingabad, Hinda, Meysur, and Baroach, are the principal towns on this river. By the war of 1817-18, the British obtained an extent of nearly 30,000 sq. m. of the country watered by this river from the rajah of Berar, which, under the term of "Ceded Districts on the Nerbuddah," has been annexed to the Bengal Presidency, and, in 1830, produced a total revenue of 1.876.398 rupees. (Parl. Reports; Asiatic Journals; Hamilton's E. I. Gazetteer.)

azetteer.) NETHERLANDS.

Gazetter.)

NETHERLANDS. See HOLLAND.

NETTUNO, a small sea-port of Southern Italy, in the Campagna and Comarca di Roma, 31 m. S.S.E. Rome. Pop. about 3,000. It seems to have derived its name from an ancient temple dedicated to Neptune, and is built round the bastions of a Papal fortress. It has now but little activity or commerce, owing to the un-healthiness and depopulation of its vicinity; but in an-tiquity, under the name of Cœno, or Cerio, it was the port of Antium, the cap. of the Volsel, some remains of which city exist about 2 m. W. by S. (Gell's Rome, &c.,

11. 122.)

NEUBURG, a town of Bavaria, circle Swabia and Neuburg; on the Danube, here crossed by 2 bridges, 28½ m. N.N.E. Augsburg, and 45 m. W.S.W. Ratisbon. Pop. 6,000. It is divided into the upper and lower town; and has some remains of its ancient walls, a royal castle, in which many curveities are kept an arrangle aroyal. New John St. Augsburg, and 45 m. W.S. W. Ratisbon. Pop. 6,000. It is divided into the upper and lower town; and has some remains of its ancient walls, a royal castle, in which many curiosities are kept, an arsenal, a royal institute, an hospital, a gymasium, and a teacher's seminary. It is nest and well built; and is the seat of the high court of appeal for the circle. (Ergkaus, &c.) NEUCHATEL, or NEUFCHATEL, a canton in the W. of Switzerland, forming a principality belonging to Prussia; between lat. 46° 50° and 4°0 10°, and long. 6° 5° and 7° 5° E.; having N.R. and E. the canton Bern. S. E. the Lake of Neuchatel, S.W. Vaud, and W. and N.W. the dep. of Doubs, in France. Length N.E. to S.W., 33 m.; average breadth about 9 m.; area, 280 aq. m. 1°0p., in 1830, 70,728, of whom 28,111 were either citizens of other cantons, or foreigners. The Jura chain runs through the canton in its entire length, dividing it into two parts, one belonging to the basin of the Rhine, and the other to that of the Rhone. This mountain range often rises to 5,000 ft. in elevation; and the Chassiral, its highest point within the canton, rises 5,236 ft. above the sea. The valleys extend generally in a longitudinal direction, parallel to the mountains. The principal lakes are those of Neuchatel (which see), and a part of that of Blenne; principal rivers, the Doubs, constituting the N.W. boundary; the Reuse, Thielle, Tyon. &c. The climate varies greatly: the vine is cultivated on the banks of the lake of Neuchatel; but in some of the more elevated valleys the winter is very severe, and on many of the mountains snow remains continuously for 7 or 8 months. The soil is principally calcareous. Of 256,000 poses or arpents of land, which the canton is estimated to comprise, 35,000 are arable, 4,600 vineyards, 68,000 in artificial, and 60,000 in natural pastures, and 45,000 in forests. There are very few large proprietors: the savings of the labouring pop., both agricultural and manufacturing, are generally laid out on the purchase of cottages, with

exported.

Neuchatel is one of the principal manufacturing cantons of Switzerland, especially for watches, printed
ections, and lace. Watch-making, which was introduced early in the 17th century, is carried on to a great

NEUCHATEL.

extent in the mountainous districts, but particularly be and near Le Locle and Chaux de Fond. It is estimated that from 18,000 to 20,000 hands are employed in this branch of industry, or in manufacturing instruments for the construction of watches. From 100,000 to 120,000 watches are supposed to be annually produced, of which 35,000 are of gold; they are exported to France, Germany, Holiand, Italy, Spain, America, Turkey, &c. Mostly all the watches sold in Paris are made in Neuchatel, and the neighbouring Swiss camtons, whence they are either smuggled into France, or regularly imported, the gold watches paying a duty of 6 and those of silver of 10 per cent. The capital employed in the watch trade has been estimated at 7,000,000 of Swise fr. or upwards of 386,000/. sterling. It is difficult to ascertain the ordinary rate of wages, workmen being generally paid by the Job, and not by a stipulated salary. But it is believed that a man's wages may be estimated, at an average, at from 1,000 to 1,500 fr. (552, Ibz. to 53/.) a year. Lace-making was said by Ebel to occupy from 0,000 to 6,000 hands; but it has declined, and many persons formerly engaged in it have embraced some branch of watch-making. The printed cotton manufacture was established early in the last century, towards the latter end of which it was in its most flourishing state. At present most of the cotton cloths printed in Neuchatel are furnished by Zürich and other Swiss cantons; and only about 1,000 men, women, and children, are employed in this manufacture, of the ordinary tariffolior, cutlery, mathematical instruments, and metallic wares of various kinds, are among the other manufactures of the canton. Neuchatel is not a member of the Prussian Commercial League, but its manufactures are admitted into the Prussian dominions at a diminished duty. Watches, &c., pay one half, wine two fifths, and printed cottons pay 20 rix-dolls, per cut of the continuity and pays him an annual tribute of 70,000 Nes.

of the ordinary tariff duty. The livre or ir. or neucasics (of 20 sols of 12 deniers each) = 10 batzen, or about is. 8d. English.

Neuchatel recognises the sovereignty of the king of Prussia, and pays him an annual tribute of 70,000 Neu.

Neuchatel recognises the sovereignty of the king of the legislature. The representative body (assiciance of the legislature. The representative body (assiciance générales) consists of the 10 oldest members of the governor's Council of State; of 14 members not councillors, chosen for life by the king from lists presented by the inhab. of the canton, of the head magistrates of the canton, whose number must not exceed 24; and 62 deputies each at least 25 years of sea, elected by all the male inhab. of more than 22 years, being neither condemned criminals, bankrupts, nor receiving pecuniary relief. This body is convoked and prorogued at the command of the governor, but it must assemble once in two years. No law can be passed, changed, or abrogated, without the consent of the assidiences générales; but no resolution of the latter becomes law till it have received the sanction of the king. The budgets are voted by the imposts are resolution of the latter becomes law till it have received the sanction of the king. The budgets are voted by the audiences générales, on whose account the imposts are received, through agents nominated by the king. No custom-house exist in any part of the canton; and the turnpike dues are much lower than in most of the other Swiss cantons. There is no impediment to the free exercise of any profession, no poll-tax or other direct contribution, duty on raw materials, impost on carriage or communication, or taxes on food or drink, direct or indirect. There are neither stamps nor patents; and the complete absence of all restrictions, and of almost all taxation, is a primary cause of the cheapness of most articles, and the general prosperity of the canton. There are few districts of Europe where so large a proportion of the inhab, are interested in savings banks. In 1834, I in 18 of the pop. was a depositor. Paupers are provided for by the communes to which they belong; no general tax can be established for their support. The number of liegitimate children is about 24 per cent.

for by the communes to which they neating; no general ax can be established for their support. The number of illegitimate children is about 24 per cent.

The administration of justice is both prompt and economical. There are 21 courts of primary jurisdiction; and 2 of appeal, at Neuchatel and Vallangin. The laws are, in many respects, similar to those formerly prevalent in Burgundy. The inhabs, speak a French dialect; they are Protestants, except about 3,000 individuals under the authority of the Bishop of Lausanne. Public instruction is pretty generally diffused, few individuals being ignorant of writing and arithmetic. There are colleges in Neuchatel, the cap, and Chaux de Fond; and schools of watch making and other arts in those towns and Le Locie. Many societies for instruction, and benevolent purposes, exist. The militia comprises all males between the ages of 18 and 50. Neuchatel furnishes a battalion of light infantry to the Prussian service, and a contingent to the Swis confederacy. The public revenues, derived from rents, a small tithe or land tax, posts, turnpikes, salt and

suction duties, &c., amounted, in 1834, to 302,811 fr., and the expenditure in the same year to 238,138 fr., of which 14,517 fr. formed the contribution to the Swiss

Neuchatel belonged, in the 11th century, to the German emperors; and was ceded to Burgundy by Rodolph of Hapsburg. In 1406 the town of Neuchatel entered into a treaty with Bern, and soon after allied itself to the Swiss confed. In 1707, the last direct in

itself to the Swiss confed. In 1707, the last direct inheritor of this territory dying, the states chose the king
of Prussia for their sovereign. Napoleon created Neuchatel into a principality, which he conferred on Marshal
Berthier; but in 1814 it reverted to Prussia, being constituted, however, at the same time, the 21st among
the Swiss cantons. (Ebel; Manuel de la Suisse; Picot,
Statistinge; Latz, Geory., &c.; Bouring's Rep. on
Switzerland; Helvetic Almanack, &c.)
Naucharth. (Germ. Newenburg), a town of Switzerland, cap. of the above canton, on the N.W. shore of the
Lake of Neuchatel, 17 m. N.W. Freyburg, and 45 m.
B.S.E. Besançon. Pop. from 5,000 to 6,000. It is built
upon the steep slope of the Jura mountains, and along a
narrow strip of level ground between the hills and the
lake. Its objects of curiosity comprise the castle, formerly occupied by the French princes of Neuchatel, but
now by the Prussian governor; the church, a Gothic
edifice of the 18th century; the town-hall, in which the
sudicaces genérales meet; the gymnasium, with a museum of natural history, &c. Its charitable institutions
are on a large scale; one hospital and poor-house was
founded and endowed with a sum of 166,000, by a townman; and another, the Hospital Pourtales, is also an
extensive establishment, and open to all persons without
respect of country. It has, also, an orphan asylum, a
house of correction, some public granaries, several good
botels, &c. The extrait d'abstrable is produced here,
and it has a considerable traffic in the agricultural and
manufactured produce of the canton. (Ebel, &c.)

NEUGLAIC, Vauld, Freyberg, and Bern. It is of an
elongated shape; length N.E. to S.W. 24 m.: average
breadth nearly 4 m.; area probably 90 sq. m. The elevation of its surface above the sea is estimated at 1,320
ft.; its greatest depth is 400 ft. Several considerable
rivers empty themselves into this lake, which also receives the surplus waters of the lake of Morat. Its own
surplus waters are conveyed by the Thiele to th

MEVERS.

imposing in its appearance, because all the houses appear to be in the Italian style, with flat roofs, though probably it is only a high parapet carried up to hide the roof." (Pager, I. 335) In the par. church (a Gothe corof." (Pager, I. 335) In the par. church (a Gothe structure) is a bell weighing 100 centners. Netisohi has an old castle, an hospital, several superior schools, &c., and is the residence of a bishop, the seat of a mining council and tribunal. Near it are the mines of Herrengrund, producing 1,500 cwts. of copper a year, and some silver; and in the town is the largest smelting-house in Hungary. Netisohi has also manufactures of sword-blades, and beet-root sugar. (Oesterr. Nat. Encyc.; Pager's Hungary, &c.)

NEUTRA, or NETRA, an episcopal town of Hungary, cap. co., on the Neutra, in a finely-wooded country, 45 m. E.N.E. Presburg. Pop. 4,663. It bas a lyceum, and several high schools; and carries on a considerable traffic in the wine grown in its vicinity.

NEUWIED, a town of Rhenish Prussia, circle Neuwied, of which, and of a mediatized principality, it is the cap., on the Rhine, 7 m. N.N.W. Coblents. Pop., in 1845, 6,100. It was founded early in the last century by a count of Wied, on the broad principle of perfect toleration for all sects; in consequence of which a neat and fourishing manufacturing town soon sprung up. It is alied out in souares of houses. formed by 9 streets inter-

fourishing manufacturing town soon spring up. It is laid out in squares of houses, formed by 9 streets intersecting each other at right angles. At its W. extremity, overlooking the Rhine, is a castle, the residence of the princes of Wied: the town has, also, several churches, and overlooking the Rhine, is a castle, the residence of the princes of Wied: the town has, also, several churches, and other places of worship, a gymnasium, teacher's seminary, hospital, orphan, asylum, house of industry, a prosperous Moravian establishment, &c. Its manufactures are of silk, cotton and linen fabrics, and yan, stockings, iron goods, tobacco pipes, Prussian blue, chicory, potash, and soap; it is the seat of the judicial court for the principality, the circle court, and a mining tribunal. The museums of natural history in the castle and in the Moravian establishment are worth notice; but the principal object of interest at Neuwied is its collection of antiquities: these were found in the buried Roman city of Victoria, about 2 m. N. the town, supposed to have been destroyed by the Germans towards the end of the 4th century. (A full description of this collection may be found in Schreiber, Guide dis Rhin, 290—293.; Berghaus; Pon Sedits, Der Preussische Staat, &c.)
NEVERS, (an. Noviodusmum, and Niversum,) a city of France, dep. Nièvre, of which it is the cap; on the Loire, where it is joined by the Nièvre, and a little above the influx of the Allier; 123 m. S.S.R. Paris; itat. 460 95 117" N.; Jong. 30 97 81" E. Pop, in 1846, excommune, 18,780. It is agreeably situated on the declivity of a hill facing the S., but is in general ill built cand ill laid-out, its streets being narrow, steep, and crooked, and its houses old and gloony. In its centre, however, is

vity of a hill facing the S., but is in general ill built and ill iaid-out, its streets being narrow, steep, and crooked, and its houses old and gloomy. In its centre, however, is a large and regularly constructed square, on one side of which is the ancient residence of the Dukes of Nivernais. Some of the eutrances to Nevers are imposing: that from Bourges is ornamented with a triumphial arch, and on the road from Moulins the Loire is crossed by a solid stone bridge of 30 arches. The quays on the river are bordered with good houses, and look clean. The cathedral on the size of a very antient church it an edifice bordered with good houses, and look clean. The cathedral, on the site of a very ancient church, is an edifice principally constructed between the 12th and 16th centuries. It is large, and has a lofty square tower; in its choir is some fine stained glass. Several other churches, as well as the cathedral, are curious specimens of Gothic architecture. The other public buildings are mostly in a simple but appropriate style: the principal are the barracks, arsenal, prefecture, and public library with 8,500 vols. The park, formerly belonging to the dukes of Nivernais, has now become one of the many public promenades surrounding Nevers. The city preserves but a few remains of its ancient fortifications. It is the see of a history bear discass extends over the dep. Nièvre; and menades surrounding Nevers. The city preserves but a few remains of its ancient fortifications. It is the see of a bishop, whose diocese extends over the dep. Nièrre; and is the seat of tribunals of primary jurisdiction and comis the seat of tribunals of primary jurisdiction and com-merce, of a chamber of manufactures, a communal col-lege, &c. It has several hospitals, a handsome little theatre. 2 episcopal seminaries, schools of drawing, geo-metry, &c., a free school of arts, a commission d'antiquisé, and many other scientific establishments. It is also dis-tinguished by its manufacturing industry. It has a royal cannon foundry, in which from 200 to 250 cannons, weighing in all about 550,000 kilogrs., are cast annually, besides 50,000 kilogr. weight of other kinds of artillery. hesides 50,000 kilogr. weight of other kinds of artillery. (Hugo.) It also produces chain cables, from works for suspension bridges, and other heavy iron goods. Nevers has been for many centuries famous for its china-ware, which, for durability and solidity, is said to be the best made in France; it is sent in large quantities to Paris, and throughout the country watered by the Loire and its tributaries. This manufacture employs about 700 centres. is tributaries. This manufacture employs about 700 workmen, whose wages are said to average 1 fr. 75 c. a day. Glass wares, metal buttons, coarse woollen cloths, violin strings, vinegar, glue, brandy, and leather are among the other principal manufactures. It has also a considerable trade in timber for ship-building, charcoal, iron and steel, wine, salt, &c., being the great entrepôt for the upper Loire. Its trade is facilitated by a commo-dious haven at the mouth of the Nièvre. It has 9 annual fairs, one of which lasts 8 days.

iron and steel, wine, sait, &c., bring the great entrepot for the upper Loire. Its trade is facilitated by a commodious haven at the mouth of the Nièvre. It has 9 annual fairs, one of which last 8 days.

This town existed at the conquest of Gaul by Cesar; it became a blashopric in 506, and the cap. of Nivernals; in 855 it was burned by Hugh Capet; and in the middle ages suffered severely from plague, the inundations of the Loire, the invasions of the English, and religious wars. (Hago, art. Nièvre; Dic. Geg.)

NE VIS, one of the British W. Ingla Islands, belonging to the Leeward group; in about iat. 179 10°, long. 52° 32° W., separated by a strait 3m. in breadth, from the 8.B extremity of St. Christopher's. Shape circular; greatest length, N. E. to S. W., 6g m.; extreme breadth, about the same. Pop. 9,571. It consists of a conical hill, rising from the sea to a height of 2,500 ft. Soil mostive a the climate is similar to that of St. Kitt's and Tortola. It is well watered, and, in general, fertile. The inhabs, are nearly all occupied in the raising of the Tungar-can ear. In 1849, 24,627 cwts. sugar, 4,620 gatometric himbars are nearly all occupied in the raising of the Tungar-can ear. In 1849, 24,627 cwts. sugar, 4,620 gatometric and 2,844 cwts. molasses, were imported from North into Great Britain to Aparithes; Charlestown, the cap. is at its d. W. extremity. This colony is placed under a governor and council, and assembly. It has sundry public schools, in which about 550 children are educated. The portion of the compensation for slaves paid to the proprietors of Nevis amounted to 151,0077.; the number of slaves by the last registration having been 8,722, and the average value of a slave, from 1822 to 1830, 280. 4c. Columbus discovered Nevis; which was settled by the English in 1629. (Parl. Papers, 4c.)

NEWARK, a parl. and mun. bor., market-town, and par, of England, co. Nottingham, S. div. wap. of its own name, on a lateral stream of the Trent, crossed here by a handsome bridge of 7 arches, 16 m. N. B. Nottin schools furnish instruction to about £50 children of both sexes, and there are two or three smaller schools wholly or in part supported by subscription. The estates held in trust by the bor. for charitable purposes, independently of that above mentioned, are very extensive; and there are several almahouses, a workhouse, and dispensary. A library and small theatre are the only other public establishments.

Newark carries on a considerable trade in malt and corn, and in coal, cattle, and wool. It has also two large

brass and Iron foundries: bricks and tiles are made here, and large quantities of gypsum and limestone, quarried and prepared in the neighbourhood, are sent by sea to London. Here are two pretty extensive linen manufactories and two private banks, besides a savings' bank and a branch of the Nottingham banking comeany. The arm of the Trent on which Newark stamis is made navigable by means of a lock close to the town.

Newark was divided by the Mun. Reform Act into 3 wards; the corporation comprising a mayor and 5 other aidermen, with 18 councillors. It has, also, a commission of the peace under a correte with a court cover in 1848-49, 16804. The quarter seafons for the S.E. div. of the co. are held here. Newark has sent 2 mems. to the H. of C. since the 29th Charles II., the right of election down to the Reform Act being in the mayor, aldermen, and inhabs, paying soct and lot. The electoral limits were not changed by the Boundary Act; reg. electors in 1849 50, 852. Newark is also the election-town for the S.E. div. of the co. Large markets, especially for corn, on Wednesday; fairs, Friday in Mid-lent, May 14, Aug. 2., Nov. 1., and Monday before Dec. 11.

Newark, which takes its name from the castle, became a place of considerable importance soon after the Norman conquest; but its principal celebrity is owing to the fact of its having been one of the chief garrisons of the royalists during the civil wars of Charles I. It was besieged by the parliamentary forces in 1643; but both the town and castle were held by the royal army till 11th 1971. Newark, a town or city of the U. States, the largest and most important in New Jersey, though not its cap.; co. Essex, on the Passalc, 2 m. from Newark Bay, and 9 m. W. New York. Pop., in 1830, 10,963; but, in 1840, 17,230. It is well built, and has many good houses. The court-house, gaol, 2 banks, an academy, and the chaples of the Presbyterians, Episcopalians, Baptists, and Methodists, are the principal public buildings. It has zumerious manufactures of shoes and boots, asa

NEW BRUNSWICK.

5. parts is milder and more equable; but the prevalence of sea-fogs, on the shores of the Bay of Fundy, render the cultivation of wheat near the coast very uncertain, though it does not seem to injure the health of the settlers. Indeed, the climate altogether is uncommonly healthy, and will bear to be compared with that of any part of England. Rheumatism, consumption, and low typhus are the prevalent diseases; but they are in a great measure brought on by exposure to the damp, and the sudden changes of temperature. Agriculture, nowwithstanding the rich tracts of alluvial soil skirting the rivers, is considerably less advanced than in Nova Scotia and the Canadas, owing, in part, to its later settlement, but principally to the superior importance attached to its timber trade. Within the last few years, however, great improvements have taken place in these respects, agricultural societies have been formed, new settlers have introduced, in many parts, the more approved systems of husbandry, and emulation has been generally excited by ploughing, matches, cattle-shows, and the distribution of premiums. Wheat, Indian corn, barley, and outs are the principal grain crops; but by far the most important article of produce is the potatoe, the crop of which, in 1835, was estimated at 2,100,000 bush. Red and white clover are the grasses most cultivated, and beans, peas, turnips, mangel-wursel, and beetroot chrive well, and are raised in pretty considerable quantities. Pasturage is followed to some extent, and it was settinated that the live-stock of the colony, in 1835, comprised 11,000 horses, 91,000 cattle, 143,000 sheep, and \$6,000 logs. The felling and conveyance of timber constitutes, however, as before observed, the great employment of the labouring classes; but most of the &amberrers are dissolute and depraved, and the occupation prevents them from paying proper attention to agriculture. Many of the trees, especially the yellow pines. errers are assounce and appraved, and the occupation prevents them from paying proper attention to agriculture. Many of the trees, especially the yellow pines, attain to a great size, and furnish timber of good quality, though inferior to that of Norway and the Baltic. It is principally conveyed to Great Britain in the log, the remainder being manufactured into deals, boards, staves, &c.

The exports from New Brunswick consist principally of timber, fish and fish-oil, fura, &c. Their aggregate value amounted, in 1847, to 696,3994; but in that year they were rather below the average. The trade in timber is in a great measure forced and artificial, being a consequence of the high discriminating duties imposed in England on Baltie timber. It is contended, however, that the equalisation of the duties, how advantageous solutions are England, would be injurious to Canada and New ever to England, would be injurious to Canada and New Brunswick, by diminishing their trade in timber. But the truth is that this, so far from being advantageous to either, is distinctly and completely the reverse habits which it generates are quite subversive of that sober, steady spirit of industry, so essential to a settler in a rude country: to such a degree, todeed, is this the case, that lumberers have been described as the pests of case, that imperers have been described as the pests of a colony, "made and kept vicious by the very trade by which they live." Ship-building is pretty extensively carried on, chiefly at St. John's, the cap. In 1839, 164 ships were built, of the aggregate burden of 48,864 tons; but they are of a class called "slop built," and do not enjoy a high character for solidity or durability. Though less deeply indented with fishing bays than Nova Scotia, the coast and rivers of New Brunswick abound with fish, especially cod, herrings, salmon, and mackarel; the entire value of the exports of fish and fish-oll amount to a large sum; but the principal attention of the colo-nists is engrossed by the timber trade. The whale fishery, introduced only within the last few years, has attained

nists is engrossed by the timber trade. The whale fishery introduced only within the last few years, has attained considerable importance.

Except timber, and the produce of its fisheries, the exports of New Brunswick are quite inconsiderable. The importance could be a supported to the exports of New Brunswick are quite inconsiderable. The importance is a support of the exports of the the last of the exports of the LK. to New Brunswick, in 1849, amounted to 277,5911. In 1847, 3,123 ships of the agg, burden of 427,800 tons, navigated by 19,870 men, entered the different ports of the colony.

The colony seems, on the whole, to be improving. The Brunswick Land Company have done much to promote the immigration of industrious British settlers, and several joint stock companies and banks have been recently established. The premium for bills on Rigiland varies from 8 per cent. to 11g per cent.; and the difference between the currency and sterling price of money in the prov. amounts to 11g per cent.; and the difference banks, and of those issued by the corporation of the city of St. John's. The sum in circulation amounted, in 1839, to about 350,000.

The constitution of New Brunswick is very similar to that of Nova Scotia, which it resembles in several other particulars, and to which the reader is referred for farther information. The representative body, or parliament, comprises 26 mems., and sits at Fredericton, about Vol. II.

Vor. Il.

90 m. above St. John's. The judiciary courts are the court of chancery, in which the governor presides, the supreme court directed by 4 justices, circuit courts, or account of common pleas, and numerous courts for the recovery of small debts. The revenue is extremely variable, and has been much increased of late years by the sale of unoccupied lands; besides which, a few light taxes are levied for poor rates and other local purposes. After the payment of the local magistracy, &c., the surplus is appropriated to the improvement of the colony, and especially to the formation of roads and bridges, that have recently been completed to a very considerable exand especially to the formation of roads and bridges, that have recently been completed to a very considerable extent, 20,0006. having been voted for that object in 1846, and 34,5293, in 1847. The expense of the regular army is defrayed by the British government; but there is likewise a native militia comprising upwards of 20,000 men. The religion of New Brunswick is similar to that of Nova Scotia; and the diocese of the colonial bishop of that peninsula extends over the province. There are, likewise, Rom. Catholics, Presbyterians, Methodists, and Baptists; but the religion of the colonists partakes more of functions than soher rational worship. As respects education, New Brunswick enjoys more than ordinary advantages. King's College, at Fredericton, owes its origin to the exertions of Sir Howard Douglas, and has been in active operation for some years. Its maintenance is chiefly provided for by an annual grant of 2,000% from the local government, and the mode of instruction nearly resembles that pursued in Oxford; subscription to articles is not, however, required, except from students of cles is not, however, required, except from students of divinity: a grammar-school, also, is supported out of the divinity: a grammar-school, also, is supported out of the college-funds. Nice other grammar-schools, which, in 1839, had 321 pupils, are either wholly or partially supported by legislative grants. English schools, also, are established in all the pars. of the prov.; and very recently provision has been made for the tospection of parish schools, and for the training of teachers.

The pop. of New Brunswick consists of a mixed race of English, Irish, Welsh, and Scotch; but the last are far less numerous than in the neighbouring colonies. The

less numerous than in the neighbouring colonies. The French also have three small settlements on the E. side Frence also have three short states and Land short states and Land British settlers nearly resemble those of Canada, Nova Scotia, and Cape Breton. The women are hand-some; the men generally tall, well-made, muscular, and scarcely ever corpulent. They are remarkably spirited, adventurous, and attached to their country; nor can there be any doubt that they would, if well disciplined, make excellent soldiers

make excellent soldiers.

The country now called New Brunswick was, in the early part of last century, comprised by the French under the appellation of New France, and viewed as an appendage to Acadia. At the peace of 1763 it was ceded, with the rest of Canada, to the English, and, from that time to 1785, was considered as part of Nova Sectia. The country, however, was little more than a mere wilderness, till General Sir Guy Carleton procured for it a royal charter, constituting New Brunswick a distinct prov., with himself as governor. To his exertions it chiefly owes the rapid rise of its prosperity; but it also owes many material improvements in its roads, schools, agriculture, jodicial arrangements, &c., to Sir Howard Douglas, governor from 1824 to 1831. (M'Gregor's America, ii, 5—102.; Murroy's B. America, ii. 224—256, &c., to

256., \$c.)

New Brunswick, a town of the U. States, New New Brunswick, a town of the U. States, New Jersey, on the Raritan, 17 m. from Raritan Bay, and 28 m. S. W. New York. Pop., in 1840, 8.693. It is partly built on a low site, but is accounted tolerably healthy. Its principal institutions are Rutger's College, founded in 1770, and a theological seminary established in 1811. New Brunswick stands at the end of the New Jersey railroad, and of the Delaware and Raritan canal, the terminating basin of which is ½ m. in length, and 200 ft, wide. The Raritan is navigable for sloops of 80 tons up to the town, which has a brisk trade, particularly in cretin.

NEWBURGH, a sca-port and market-town of Scotland, co. Fife, on the S. bank of the Tay, 13½ m. S. W. Dundee, and 9 m. S. E. Perth. Pop., in 1841, 2,897. It consists chiefly of one street, running E. and W. along the line of the shore, with another at right angles leading down to the harbour. The town is mostly of modern date, particularly towards its outskirts, though many old buildings remain to mark its ancient state. The public buildings are the town-house, with a spire, the parish church, and a dissenting chapel. The splendid mansion house of Mugdrum is close to the bor, on the N.W. The means of education are ample and efficient; from 1-10th to 1-7th part of the pop, are at school. The town is lighted with gas. lighted with gas.

The harbour is pretty good; but only 10 vessels from 60 to 150 tons, exclusive of fishing-boats, belong to the

bor. It has notwithstanding a considerable trade, being the port for the greater part of Kinross-shire, Stratheam, and other contiguous districts, both for the export of their agricultural produce, and for importing coals, lime, &c. Most vessels bound for Perth wait here for the flow of the tide; and some of them unload part of their cargo before they can, even at high water, proceed up the river. Newburgh, indeed, is, next to Kirkcaldy, the most important sea-port of Ffeshire. The weaving of coarse linens is largely carried on, employing from 550 to 600

before they can, even at high water, proceed up the river. Newburgh, indeed, is, next to Kirkcaldy, the most important sea-port of Flieshire. The weaving of coarse linens is largely carried on, employing from 550 to 600 looms.

Newburgh existed in the 12th century, and was subject to the neighbouring monastery of Lindores, whose remains are yet pretty entire. In 1631 it was created a royal bor. by Charles I.; but, like Falkland, being unable to defray the expenses of its parliamentary representative, it petitioned to be relieved from the burden, which was granted. It has otherwise, however, all the marks of a royal bor., and is governed by 2 ballies and 15 councillors. Municipal revenue, derived from land, about 1700, per annum. There are two curious crosses of remote antiquity in the neighbourhood; one called the Mugdrum Cross, the other Macduff's Cross. The former is supposed to commemorate a victory over the Danes in the 10th century; the latter was erected as a sanctuary to any of the kindred of Macduff, thane of Fife, who might commit murder. If they field thither, and paid a certain faxed solatium to their chief, they obtained protection. (New Stat. Account of Scotland, § Fifeshire.)

New York, Pop., in 1830, 6,484. It is well built, well paved, and well supplied with excellent water. It has places of worship for various sects, an incorporated academy, and several other schools; 2 banks, some good hotels; and paper, plaster, and gunpowder.mills; a whalling company, with a capital of 115,000 dolla., &c. It is, alternately with Goshen, the seat of the county of England, co. Berks, on the Rommett, crossed here by a stone bridge of 3 arches, 344 m. Su. Ottod, and part of England, co. Berks, on the Rommett, crossed here by a stone bridge of 3 arches, 344 m. Su. Ottod, and part of England, co. Berks, on the Rommett, crossed here by a stone bridge of 3 arches, 344 m. Su. Ottod, and part of England, co. Berks, on the Rommett, crossed here by a stone bridge of 3 arches, 344 m. Su. Ottod, and part of England, co. B

spring quarter-sessions for the co., and petty sessions for the hundred, are held here, and is one of the politics places for the co. elections. Large cora-markets on Thursday, hore and cattle fairs, Holy Thursday, July S.,

for the hundred, are held here, and is one of the polling places for the co. elections. Large corn-markets on Thursday: horse and cattle fairs, Holy Thursday, July 8., Sept. 4., and Nov. 8.

Newbury returned 2 mems. to parl. in the reign of Edward 1.; and it is not known at what period, or for what cause, it lost the franchise. It was formerly also celebrated for its manufacture of serges, shaloons, &c., and in the reign of Henry VIII., John Winchosons, known as Jack of Newbury, kept 100 looms, from the produce of which he became so wealthy as to be able to entertain the king and his retinue during their pasage through the town. He was a great benefactor to Newbury; and his house, a large brick structure, is still shown in the High Street, his manufactory being new occupied by a large inn, "the Jack of Newbury." The vicinity is remarkable for two battles fought during the civil wars between the royalist and parliamentary forces. Charles I. commanding his army in person on both occasions. The first was fought on a common called the Wash, on 20th Sept. 1643; the second on 27th Oct. in the following year; but neither had any decided result. Donnington Castle, a short distance N. W. of Newbury, was the property of Chaucer, the earliest English classic poet; and in it he spent the two last years of his life, which terminated in 400. (*Mus. Reports, &c.)

NEWBURY-PORT, a town and river-port of the U. States, Massachussetts, being the fourth town of the state in pop. and commercial importance, co. Essen, on the Merrimack, about 3 m. from its mouth, and 32 m. N. by E. Boston: lat. 420 49 N., long. 700 287 W. Pop., in 1830, 6,376; in 1840, 7,161. It is built on a gentle existed in pop and commercial importance, to Essen, on the Merrimack, about 3 m. from its mouth, and 32 m. N. by E. Boston: lat. 420 49 N., long. 700 287 W. pop., in 1830, 6,376; in 1840, 7,161. It is built on a gentle existed in pop and commercial importance, the streets are parallely the the river, and communicating by other streets, crossing them at r

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earlier and less ambitious works, stands the column de-dicated to the late Earl Grey, 136 ft. high, and surmounted by a colossal statue of that nobleman, by Bailey. Grainger Street, another fine avenue, 300 yards in length, and 66 ft. wide, is on a similar design with Grey Street; and at their junction with Market Street is a large triangular space, on which has been erected the central ex-change, a building having three uniform fronts, in the change, a building having three uniform froats, in the Corinthian style, with circular corners, faced with columns of the same order, and supporting light domes, after those of the temple of Vesta at Tivoli. The outside is formed into handsome shops and ware-rooms, enclosing the exchange, which has four large entrances, and is altogether lighted from above: the roof is logeand is altogether lighted from above: the roof is ingeniously constructed, reating on the external walls, and
inwardly on a circular entablature, supported by 14 Ionic
columns, enclosing a platform, within which is the newsroom, the outer space being open, and used for the promenades and rendezvous of the merchants. Adjoining
the exchange is a handsome coffee-room, supported by
subscribers, and managed by a committee. The principal
commercial business is transacted at the old exchange on
the Sandhill. Clayton, Nelson, Num, and Shakespeare
Streets are the other principal thoroughtares in Mr. Greinser's subscribers and besides these. Eldon streets are the other principal thoroughlares in air. Grain-ger's splendid improvements; and besides these. Eldon Square, N. of Blackett Street, Westgate, Percy, and Nor-thumberland Streets, deserve notice. The N. suburbs are open; and, being removed from the bustle of town, are occupied by houses saited to the wealthier inhabitants, who have extended their residences into Jesmond town-shib. Exercise constraints of terrogen and forther north who have extended their residences into session to two-ship, forming a succession of terraces; and further north is a group of new buildings, called Brandling Place. On Bye-hill, also, W. of Newcastle, terraces and villas are in course of formation; and the same is the case on the road to N. Shields: Indeed, it may be said that the town is extending that if newer direction, with marchine that however. tending itself in every direction, with marked improve-ments in architectural taste. In Sandgate, however, and the lower parts of Newcastle, which extend along the banks of the Tyne for nearly 2 m., there are many narrow, inconvenient, and dirty streets, lined with manufactories, warehouses, &c.; and comprising, also, many lanes and alleys, as filthy, close, and unwholesome as the very worst of those of Liverpool and Manchester: indeed," the mind cannot picture a state of greater destitution and misery than what appear in many of these houses; and in Sand-gate, E. of the town, the condition of the people seems not much better." (Rep. to British Association, 183s.). But considerable improvements have been effected in the interval. The communication with the box of Gatachach interval. The communication with the bor. of Gateshead (which see), on the S. side of the river, is maintained by means of the "old bridge," of nine elliptical arches,

(which see), on the S. side of the river, is manufaced by the railway bridge.

Corporation and Commercial Buildings, &c. — The guildhall, which comprises also the exchange and the court belonging to the incorporated society of hoast-meu or coal-fitters (chartered in 1600), is a large building on Sandbill, much enlarged and altered at different periods, but of the most heterogeneous architecture, though at the same time pretty well adapted for business: the rooms contain some valuable portraits of public characters. On the quay, a fine open space faced with stone, and one of the largest in the kingdom, is the custom-house, faced with stone from a design by Smirke. The Moot-hall, or assize court-house for the co. of Northumberland, is within the precincts of the old Norman castle, and consists of a Grecian building, designed from the Temple of Theseus at Athens, and faced on two sides by Dorle porticoes: the interior is well arranged for the business both of the civil and criminal courts. The town-gaol, in Carliol Square, is a strong and rather unattractive building, erected in 1827, on the panopticon principle, at a cost of 47,0004. but it is reported, that both the site and construction are bad; solitary confinement is impossible, and a better prison might. tary confinement is impossible, and a better prison might have been built at little more than half the expense. It comprises about 50 cells, and the same number of rooms: the average number of prisoners, not including debtors, amounts to about 80, and the daily cost of each prisoner may average about 1s. 2d. The Trinity-house, in Trinity-chare, Quay-side, is an incorporated institution of great chare, Quay-side, is an incorporated institution of great antiquity, intended not only to improve the navigation of the river by the appointment of licensed pilots, but to provide subsistence for poor and decayed brethren, their widows and children: it supports at present about 27 in-pensioners, at 28s. per mooth; 81 masters or their widows, out-pensioners, at 81. a year; and 37 seamen or their widows, at 61. a year. The Arcade, in Pilgrim Street, one of Grainger's erections, though perhaps the least distinguished in point of tate, consists of an oblone least distinguished in point of tate, consists of an oblone least distinguished in point of taste, consists of an oblong pile of building, with a Corinthian frontage 94 ft. long and 75 ft. high. The N. of Enjand joint-stock bank, and the savings bank, occupy the front rooms; and in other parts are the post, stamp, and excise offices, with auction-rooms, shops, and chambers for lawyers, engineers, &c. It was opened in 1832, and cost 40,000. The barracks, on the N.W. side of the town, accommodate nearly 1,000 troops.

Markets. — The Corn Exchange seems to be sufficiently capacious and convenient, as is the Fish Market.

A large butcher-market was built in 1808; but it has A large butcher-market was built in 1808; but it has been removed; and the only great market now existing in Newcastle is that constructed by Grainger, the largest in England, 318 ft. in length, and comprising an area of 9,080 aq. yards; it has 14 entrances, and is lined with 243 shops, besides stalls.

Literary, Scientific Institutions, &c. — The Literary and Philosophical Institution (founded in 1733, chiefly through the exertions of the Rev. W. Turner, a celebrated dissenting minister of Newcastle, occupies a building of Doric architecture in Westate Street; and adjoining the library are the meeting-rooms and museums of the Na-

library are the meeting-rooms and museums of the Na-tural History and Antiquarian Societies of Newcastle. A literary, scientific, and mechanical institution has an establishment in Blackett Street. A Music-hall, beneath which is a large public Lecture Room, has been built in Nelson Street. The Newcastle Institution, for the pro-motion of the fine arts, in Blackett Street, a handsome building with a Corintbian front, comprises a saloon and ountaing with a commission front, comprises a saloon and octagon gallery well lighted from the top; the establishment is supported by a joint-stock company, and the annual exhibition is in June. Newcastle has 6 public libraries, 3 weekly newspapers, and the Northern Counties' Club. The principal places of amusement are the theatre, in Grey Street; the assembly-rooms, in Westgate Street; behind which is the racket court, the ridingschool in the public walk called the Forth, and the baths at the N. end of Northumberland Street. The theatre, at the N. end of Northumberland Street. The theatre, built in 1835, to replace one that had been pulled down, has a front in Grey Street 120 feet in length, with a portice of 6 Corinthian columns, supporting a rich pediment; its interior shape is that of a flattened horse-shoe; and in point of size it is surpassed by few or no English theatres, except the Opera-house, and the patent theatres of the metropolis. Races are held in June on the Moor, about 14 m. N. the town; and a good stand has been erected for the accommodation of visitors.

Churches, &c. — Newcastle has 4 par. churches, the oldest of which is St. Andrew's, a Norman building, at the top of Newgate Street. By far the finest, however, is St. Nicholas (now the parent church), a cruciform structure in the decorated English style, with a choir and is St. Nicholas (now the parent church), a cruciform structure in the decorated English style, with a choir and nave 220 feet in length, and 74 feet in width, the choir only being enclosed for service; a painted E. window, and a magnificent altar-piece of the Last Supper, decorate the interior; and at the W. end is a tower in the early perpendicular style, surmounted by a crocketted steeple resting on four flying buttresses, the whole being 201 ft. in height. This steeple is said, by Mr. Rickman, to be "a piece of composition equally remarkable for its simplicity, delicacy, and excellent masonic arrangement." (Architecture, 5th ed. p. 218.) St. Glies's, Edinburgh, the College Tower, Aberdeen, and St. Dunstan's in the E. of London, are imitations of this steeple, but they all fail far short of the original. A good library, chiefly of old or theological books, is attached to this church: the rules of admission are liberal; and it is, in fact, open to the public free of charge. All Saints' is a modern Grecian building, with an elegant spire 202 feet in height; the interior is of an elliptical shape, and richly fitted up with solid mahogany. St. John's, in Westgate, is a cruciform church, built in the 13th century, having a square embattled tower at its W. end. The chapels of case are, St. Anne's, on the New Road; and another at Barras-bridge, called St. Thomas', in the early English style, and surmounted by a light tower 140 ft. high. An endowed charity school is attached to each of the churches, and a fifth to the chapel of St. Anne. The dissenters here are numerous, and most respectable: more than two-thirds of the places of worship in the town belong to Methodists, and other dissenters, Anne. The dissenters nere are numerous, and most re-spectable: more than two-thirds of the places of worship in the town belong to Methodiats, and other dissenters, including R. Catholics, members of the Church of Scot-land, and the Society of Friends. Few dissenting chapels, however, have any claim to notice from their architectural heautr. Within the bor, are numerous Sunday schools. beauty. Within the bor, are numerous Sunday schools, furnishing religious instruction to upwards of 5,000 chil-

dren of both sexes. Two public cemeteries have been formed of late years in the suburbs.

Schools and Benevolent Establishments.—The Royal grammar school of Newcastle was founded by Thomas Horsley, in 1825. Among its pupils have been the late lords Eldon, Stowell, and Collingwood, the poet Akenders and the stablishments of the late of the l lords Eldon, Stowell, and Collingwood, the post Akenside, and several other distinguished characters: Dawes, author of the Miscellance Critica, was one of its masters. A Lancastrian school, called the "Jubilee-school," from its being founded in 1809, has a handsome school-house, with a large library, and is liberally supported by subscription. A second Jubilee-school was founded, to commemorate the 50th year of the prelacy of the late Dr. Shute Barrington: it is on the national plan, and supported chiefly by the clergy and lay members of the Established Church. There are several other endowed and subscription schools, including two infant schools. According to a report made to the British Association, D 42

the number of children receiving instruction of some kind or other, in 1838, amounted to 8,239, or to about 512 per cent. of the pop. between the ages of 5 and 15.

The principal benevolent institutions are, the infirmary, The principal benevolent institutions are, the infirmary, which has accommodation for 800 in-patients; a dispensary; two blind asylums; a small lying-in hospital; asylum for poor keelmen; Jesus's hospital, for decayed freemen; mendicity society; domestic-guardian institution; and several ranges of aimshouses; besides which, there are several minor charities and religious associations. Newcastle has also a large union-workhouse. Expense of maintaining the poor of the bor, in 1847, 21, 1332.

Expense of maintaining the poor of the bor. in 1847, 21, 1334. Coal Trade. — The importance, if not existence, of Newcastle is owing to its convenient situation as a place of shipment for the coal wrought in its neighbourhood. The pits lie on each side the Tyne, from within 2 m. of its mouth to 16 or 18 m. up the river; and it appears from the evidence before the committee of the H. of Lords on the coal-trade, that, in 1829, there were 23 working collieries on the N. side, and 18 on the S. side of the Twee Several more have since been onested and at Lords on the coal-trade, that, in 1829, there were 23 working collieries on the N. side, and 18 on the S. side of the Tyne. Several more have since been opened, and at present upwards of 50 pits are at work in the neighbourhood of Newcastle, some within a mile of the river, but others more than 8 m. distant. The coals are conveyed from the pits to the stalths in wooden or cast-iron waggons, brought along railways generally by means of successive inclined planes or locomotive engines. From such stalths (or coal-shipping wharfs) as are above Newcastle Bridge, the coal is conveyed in keels (each capable of holding 8 chalders or 23 toos) to Wallsend, Jarrow, or Shields, where it is delivered on board the ships; and the strength, as well as activity of the Tyne keelmen, is proverbial in the N. of England. Within the last few years, however, the formation of the Brandling Junction, and other rail-ways, to S. Shields, has caused a diminution of the real-ways, to S. Shields, has caused a diminution of the central starge portion of the supply for the B. and S. cos. of England, inc. London, and a considerable quantity for exportation, chiefly to France, Holland, and Demmark, as will be seen from the following returns of coals, culm, &c., shipped at the port of Newcastle in 1848 and 1849:—

			To Ports of U. Kingd.	To Colonies and Foreign Parts.	Total.
1848 1849	:	:	Tone. 2,273,674 2,143,380	Tons. 994,299 834,005	Tons. 5,267,973 2,977,385

Of the coal shipped from Newcastle coastwise in 1849, 1,422,670 tons were for London. Owing to the circumstance of most of the vessels engaged in the coal-trade from Newcastle to London and other British ports belonging to the former, her registered tonnage, though it has decreased during the last dozen years, is greater than that of any other British port, London and Liverpool excepted. It amounted, on the last of January, 1850, to 1,028 (aailing) vessels of the agg. burden of 224,477 tons. The principal exports of Newcastle, besides coal, comprise pig and sheet lead (from 6,000 to 7,000 tons of the former, and above 2,000 tons of the latter) from the mines of Stanhope, glass, and other goods manufactured in the town, hams, grindstones from Gateshead-fell, &c. Gross customs' revenue of the port, in 1846, 483,761. Of the coal shipped from Newcastle coastwise in 1849,

in the town, hams, grindstones from Gateshead-fell, &c. Gross customs' revenue of the port, in 1846, 483,761/.

The salmon-fishery of the Tyne (once much celebrated) has greatly declined. About 180 steam-boats belong to Newcastle; but of these 143, under 50 tons burden, are chiefly employed in towing ships up and down the river, or plying for passengers to and from Shields. The other and larger steam-packets ply between Newcastle and Stockton, Hull, Leith, and London. The Tyne is navigable, from its mouth up to Newcastle bridge, for vessels of 250 tons, though in some intermediate places the depth, even in the middle of the The Type is navigable, from its mount up to reveasant bridge, for vessels of 250 tons, though in some inter-mediate places the depth, even in the middle of the stream, does not exceed 4 ft. at ebb tide. Dredging ma-chines, however, have been in use within the last few years, and the navigation is said to have been much im-arrowed though the har at the mouth must always prove

chines, however, have been in use within the last few years, and the navigation is said to have been much improved, though the bar at the mouth must always prove a great impediment to the entrance of large ships. It is high water at Newcastle about an hour later than at Tynemouth-bar, the average rise of spring-tides being 11 ft. 7 in., and that of neape 7 ft. 2 in.

The principal manufactures are those of bottles and window glass, mostly carried on in the township of Byker, of mill.work, steam-engines, &c., and of leather and soap, of which last article 3,154,720 lbs. were made in 1849. Ship and boat-building, rope and sail-making employ a considerable number of hands; besides which there are several malt-houses, breweries, iron foundries, lead mills, and chemical works. It has a branch of the Bank of England, with the North of England Joint-stock Banking Company, Northumberland and Durham District Banking thank, which had, on the 30th November, 1848, 388,0194, of deposits.

The Tyne is crossed at Newcastle by two bridges.

NEWCASTLE-UNDER-LYNE.

NEWCASTLE-UNDER-LYNE.

The first of these, or the "old bridge," constructed m 1774-81, on the site of a previous bridge, swept away by a flood, is of stone, and has 9 elliptical arches. But, owing to the bed of the river being much sunk, the descent to and ascent from the old bridge make it very inconvenient. Hence a project was long on foot for constructing a" high level "bridge that should connect the high grounds on both sides the river by a road carried over it at their altitude. And this great improvement has been effected. The railway uniting York with Edinburgh is carried over the Tyne by a high level bridge. But instead of making this bridge single, or serving only to carry across the railway, it has been made double, that is, it has two lines of road, the upper one resting on the top of the arches being the railway, and the other, immediately below, and in part suspended from the latter, being an ordinary road, and serving, as such, for the transit of carriages, horses, passengers, &c. This singular fabric has 4 river and 2 land arches, each 134 ft. in in span. The carriage road is 36 ft. wide, and the height from the parapet of the railway to the bed of the river, 132 ft. The entire structure cost, inc. its approaches, 491,152. It was opened by Her Majesty in person. 28th Sept. 1849.

Newcastle was constituted a hor. by William the Concurrence and has received 36 charters from subeconcent.

proaches, 491,153. It was opened by Her saquesty merson. 28th Sept. 1849.

Newcastle was constituted a hor. by William the Conqueror, and has received 36 charters from subsequent monarchs. It slivided by the Mun. Reform Act into 7 wards, and is governed by a mayor and 13 other aldermea and 42 councillors, and has a commission of the peace under a recorder. Corp. rev. in 1848-69, 83,904. 2s. 8d., derived from ballast-dues, tolls, and rents. The assisce and Epiphany quarter-sessions for the co. of Northumberlaud are held in the Moot-hall, besides which there is a mayor's court and sheriff's court for the recovery of debts to an unlimited amount; a county court, before which 3,430 plaints were entered in 1848; and a court of conservancy for the river. The town is well paved, lighted, and cleaned by the corporation, and there is an efficient police, established in 1856. Newsatie has sent 2 mems. to the H. of C. since 37 Rdward I., the election being vested, down to the Reform Act, in the free bur-

conservancy for the river. The town is well paved, lighted, and cleaned by the corporation, and there is an efficient police, established in 1836. Newcastle has sent 2 mems. to the H. of C. since 27 Edward I., the election being vested, down to the Reform Act, in the free burgeases, both resident and non-resident. The electoral limits were enlarged by the Boundary Act, so as to include, with the old borough, the townships of Jesmond, Heaton, Byker, Elswick and Westgate. In 1849-80 it had 5,324 reg. electors. It is one of the polling-places at elections for the co. Markets extremely well supplied, especially with corn, on Tuesday and Saturday: fairs for woollen cloth, hardware, leather, horses, and cattle, Aug. 12. and Oct. 29., each lasting 9 days.

The wall of Adrian passes through the town, which is proved, by the numerous antiquities discovered in it, to have been the site of a Roman station; but there is no proof, though a strong presumption, that it was the Poss (Bill, mentioned in the "Notitia." Before the Conquest it was called Monkchester, from its numerous monastic institutions (of which there are still rather extensive remains), and also from being the resort of pligrims to the holy well of Jesus' mount (now corrupted into Jesmond). A fortress was built here by Robert, eldest son of William the Conqueror; and it received the name of Newcastle, probably, to distinguish it from some more ancient building. In 1989 the walls on the E. side were rebuilt, and in the reign of Rdward III. the town was unsuccessfully attacked by David Bruce. Newcastle, st this early period, had become one of the largest commercial ports of the kingdom. It is curious, however, that the first authoritative mention of coal occurs in a charter by Henry III., authorising the burgeases of Newcastle to dig for that mineral. In 1830, the town had a considerable trade in coal, which soon after began to be imported into London; and in 1826 coals were exported to foreign countries. The town furnished, in 1846, 17 ships and 314 mariners f

NEW ENGLAND.

NEWFOUNDLAND.

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O(398. The town, which is well-paved and lighted, consists of two nearly parallel streets, entered from the London road, and crossed by several others of an inferior description. It is, on the whole, well built, though chiefly consisting of old houses: in the High Street is a large open market-place. The guildhall, a respectable looking building, has good accommodation for the municipal and magisterial business. There are two churches, one of which, with the exception of its square tower, was rebuilt at the beginning of last century: the other, a district church, has recently been erected, the expense of garant coff, by a grant of 4,4004., from the parl, commissioners, but partly, also, by private subscription. A handsome hom. Cath. chapel was built in 1834; and there are places of worship for Wesleyan and other Methodists, Independents, Baptsta, and the Society of Friends. Six Sunday-schools are attended by upwards of 1,500 children; besides which, a national, Lancastrian, infant, and four subscription schools furnish daily instruction to about 800 boys and girls. Newcastle. daily instruction to about 800 boys and girls. Newcastle-under-Lyne has, also, a free grammar-school, founded in 1802, and in trust of the corporation. The master's salary amounts to 62t. a year; but though the sons of freemen may receive gratuitous classical instruction, the school is not much resorted to by the inh bs. of the town, and is seidom attended by more than 12 boys. (Mess. Corp. Rep.) Almshouses for 20 aged women were esta-blished here in 1637, by the Earl of Albemarle; and the town has several benevolent institutions, with Bible, tract, and other associations, &c. A literary and scien-tific institution was founded in 1836, a public library has 2,000 vois., and there is a small theatre, little patronised. "The manufacture of hats is the chief business carried on at Newcastle, though there are three or four silk-mills

"The manufacture of hats is the chief business carried on at Newcastle, though there are three or four silk-mills and one cotton-mill at work." These mills, however, are not mentioned in the Report of the Factory Inspectors for 1836. "The town, a few years ago, was in some measure regarded as the cap. of the pottery district, which includes several towns equal or even superior in pop. and importance to Newcastle itself. Latterly, however, this connexion has been broken, and the town has suffered much in consequence. Trade has been every languid till within the last year or two, when it somewhat revived; and at present the labouring classes are in full employment." (Mrss. Bosnel. Rep.)

(Mess. Bosend. Rep.)
Newcastle sustained a serious diminution of its traffic, by the removal of the great line of communication between London, Manchester, &c., to the Grand Junction Railway, which passes upwards of 6 m. W. of the town. But this has been compensated by the opening of the line from Crew by Stoke, Stone, and Tamworth to Rugby, which passes clies by the town. Iron-works and colleries are seated in the neighbourhood, and there are considerable tanneries and malt-houses, with a paper-mill employed in making tissue paper for the potteries. The town is connected by a branch canal with the Grand Trunk navigation, and has access by a similar line of communication to the coal-field of N. Stafford. A branch of the Manchester and Liverpool District Banking Company, and a private bank, are established here, and there is a savings' bank. Markets on Monday and Saturday. Newcastle-under-Lyne, which received its first charter in the 19 Henry III., was divided by the Municipal Reform Act into 2 wards, and placed under a mayor and 5 other aldermen, with 18 councillors; it has also a commission of the peace, under a recorder. Corp. rev. 1848-49, 1838. The bor. has returned 2 mems. to the H. of C. from 27 Edward III., the right of voting down to the Reform Act being in the resident freemen (by gift, birth, and servitude). The Boundary Act sedded to the old bor. a small estra-parochial part of the Penkhull. township: reg. electors, in 1849-50, 1938. It is also one of the polling-places for the N. div. of co. of Stafford. A county court is established in the town, before which 405 plaints were entered in 1848.

The distinguishing name of Newcastle (suder Lyme, (Msss. Bound. Rep.)
Newcastle sustained a serious diminution of its traffic.

the polling-places for the N. div. of co. of Stafford. A county court is established in the town, before which 406 plaints were entered in 1848.

The distinguishing name of Newcastle (under Lyme, or Lyme) is of doubtful origin; but the best authorities refer it to the fact of its standing near the woodlands, which formed a time (limit) or separating time between the co. palatine of Chester, and the rest of England. Ashton-under-Lyne, Whitmore-under-Lyne, and Audlem, or Old Lyme, admit of similar explanations.

NEW ENGI.AND, the name commonly given to the N.S. portion of the United States, or to the territory including the states of Vermont, New Hampshire, Massachusetts, Maine, Rhode Island, and Connecticut.

NEW GALLOWAY. See Galloway (New).

NEWFOUNDLAND, a large island of N. America, near the Gulph of St. Lawrence, and off the S. coast of Labrador, from which it is separated by the narrow strait of Belleisle, between lat. 46° 30° and 51° 40° N., and long. 570 16° and 59° 10° W. Greatest length from N. to S. 250 m.; average breadth. 130 m. Area, 57,000 aq. m. Fixed pop., in 1845, 96,295, exclusive of those who visit the different stations during the fishing season. It may be generally described as of a triangular form, but is broken and indented with broad and deep bays,

pennisulas, on one of which, called Avalon, at the S.E. corner of the Island, is the town and harbour of Avalon. Its surface is wild and rugged, and its aspect from the sea far from preposessing. The interior, which, till within the last ten years, was almost unknown, is much broken with water; and lakes, marshes, and scrubby trees, form its general character. The only large and navigable streems are the Humber and that called the River of Exploits. Its prevalent geological constitution is of granite, on which are superimposed in some parts porphyry, quarts, gnelss, mica, and clay-alate, with secondary formations: coal and iron also occur in a few places. The E. half of the interior is generally a low, picturesque country, traversed by hills and lakes, the whole being diversified by trees of humble growth. The country westward is more rugged and mountainous, with little wood, except near the shore; but the mountains are not generally in ridges, each apparently having its the N. peninsula, lying along the strait of Belleile; near its centre are flats of considerable extent, swampy, unhealthy, and usually covered with peat or strong wiry grass. Spruce, birch and larch, are the principal forest trees. Pine seldom occurs, and never attains a large size; indeed, there is but little wood of any value, except for feed, there is but little wood of any value, except for feed, there is but little wood of sults; so that it has acarcely timber enough for its own consumption, much less for exportation. Wortleberry bushes and wishs-capsuca (Indian tea) are the principal plants on the high unwooded grounds. The best soil is along the rivers and at the heads of the bays fringing the island; but both the soil and climate generally are unfavourable to the raising of grain, though well adapted for pasturage and the cultivation of potatoes and other green crops. Vast berds of carriboo deer graze in the plains and woods of the Mic-Mac indians. Beavers are much to the raising of grain, though well adapted for pasturage and the cultivation of potatoes and other green crops. Vast berds of carriboo deer graze in the plains and woods of the interior, and their flesh constitutes nearly the whole food of the Mic-Mac Indians. Beavers are much scarcer than formerly; but foxes are still numerous along the rivers and sea-coast. Among the other wild animals are wolves, and bears, hunted by the Indians from Labrador. Insects are numerous in swampy places, especially in bot weather. The best known and most celebrated of the animals belonging to Newfoundland are its dogs, famed for docility, obedience, and attachment to their masters. They are remarkably voracious, and are usually fed on salted fish; but; like the aborigines of the country, they endure hunges for a very lengthened period. The true breed has become very scarce, and there are only a few specimens of it in England, the animal so called in this country, though equally sagacious, hardy, and fond of the water, being a breed crossed with the mastiff, or some other English dog. The E. and S. coasts, where the winds blow from the sea, are very hundi; and during winter the cold is intense. The harbours on the Atlantic shore are not so long frozen over as those within the Gulph of St. Lawrence, where the atmosphere is generally clear, and the climate not unlike that of Lower Canada. During the summer months the days and nights are commonly serves and pleasant; the temperature is very hot during summer, and in winter frequently falls as low as 300 below the freezing point. The island, however, its, on the whole, extremely healthy; and the inhabs. often attain a great age, attended with more than ordinary bodily as well as mental vigour. Agriculture is progressively increasing; but very few give it their exclusive attention, the popbeling principally employed in the fisheries. Almost every family, however, has a small quantity of land in cultivation, though titlage be very imperfectly understood.

Newfoundland has long been celebrated for its fisheries, on which, indeed, the inhab. principally depend. The Great Bank, on the E. side of the island, is in some places on which, indeed, the inhab, principally depend. The Great Bank, on the R. side of the island, is in some places about 300 m. in breadth, and 600 m. in length, the soundings being from 25 to 95 fathoms. There is also an outer bank, lying between lat. 44° 10° and 47° 30° N., and long. 44° 15° and 45° 20° W.; and a continuation of banks extends southward to Nova Scotia. Fogs prevail almost without interruption on these banks, occasioned by the meeting of the waters brought thither by the gulphstream from the tropics, with the waters carried by the influence of the winds from the Polar regions. A countercurrent from the N. sweeps, also, along the shore of Labrador, bringing with it large icebergs, and rendering navigation dangerous, especially during foggy weather. The best fishing-grounds on the Great Bank are between the 42d and 46th parallels; and the principal English settlement, besides St. John's, the cape, are Conception Bay, Carbonier, Grace Harbour, Trinity Harbour, and Placentia, all on the E. side of the Island. The Islands of St. Pierre and Mequelon, near the mouth of Fortune Bay, on the S. coast, were ceded to France in 1814; the former has a harbour and town of its own name, and is the residence of a governor. The cod-fishery, which commenced a few years after the discovery of the island, attained so high an importance during the late war with France, that the exports of coal and cod-oil were valued, in 1814, at 2,604,0001.; but the English fishery has since declined, so that the average annual value of the fish exported during the years 1847, 1848, amounted to only 795,7107. The number of ships employed in the fisheries cannot be ascertained; but, in 1845, there were 10,089 boats. The cod-fishery commences early in June; and as the English have for some years abandoned the bank-shoals to the Americans and French, it is principally carried on close to the abore, in small boats, manned by 2 or 4 persons. Every fisherman is provided with 2 lines, each with 2 hooks, baited with herrings, mackarel, and fish-entrails. In some cases, jugers, or artificial fish, are used, provided with 2 strong hooks, which the cod swallows with the batt. Scines are also used, by which multitudes of cod are houled ashore in coves on the coast of Labrador. So abundant are the sha occasionally, that a couple of cod are booked on each line before it reaches the bottom; and while one line is running out, the fisherman has only to turn round and pull in the other, with a fish on each hook. As soon as the boat is loaded, which, under favourable circumstances, will be in 3 or 4 hours, they proceed to the stage on the shore, where the process of cutting up, salting, and drying takes place; and after having delivered their cargo, return immediately to sea. The cod-fishery, however, is truly precarious. Sometimes the fish is not equally abundant on all parts of the coast, and the fisher mean are compelled to go far from the stations, and in some cases, to split and salt the cod in the boat. The means are compelled to go far from the stations, and in some cases, to split and salt the cod in the boat. The seahency is conducted in vessels varying from 80 to 130 tons, with crews of 20 or 30 men. The season commence early in April: it is principally conducted close to the shore with crews of 20 or 30 men. The season commences early in April: it is principally conducted close to the shore of Labrador, and has become important only within the last 30 years. The cod fishery on the W. coast has been given up to the French; but there is still a small whale-fishery conducted in boats on the S. side of the island. There is likewise a pretty extensive salmon-fishery, the value of which, in 1847, amounted to 9,782. The trade of Newfoundland consists in the exportation of the products of its fisheries in exchange for manufactured goods, colonial produce, corn, ship-biscuits, and a variety of articles for the consumption of the inhabs. The following table exhibits the

Quantities and Values of the Fish, Oil, Skins, &c., the Produce of the Fishery of Newfoundland, exported in 1847 and 1848.

		9	santity.				
Years.	Dried Fish-	Oils.	Seal Skins.	Salmon.	Herrings.		
1847 - 1848 -	Quintals. 887,973 920,366	Tune. 8,624 10,705	Number. 436,831 521,608	Barrele. 4,917 8,822	Barrele. 9,907 13,872		
	Value.						
1847 - 1848 -	489,910 491,924	229,185 248,681	46,290 56,426	9,782 6,697	5,111 7,644		

1848 - 681,524 145.531 64,220 6,097 7,644

The government of Newfoundland was long administered by naval commanders appointed to cruise on the fishing station, who returned to Britain in winter. Within the last century, however, it has been deemed more eligible to have a resident governor. In 1833, is consequence of a petition from the links., a representative government was granted, the election being by almost universal suffrage. This system has hitherto worked very inharmoniously, the popular body having been in a state of violent collision, both with the executive and the commercial interests. Great complaints have also been made of the influence of the Rom. Cath. clergy in the elections; and the principal merchants have made representations to the government at home, to the effect that trade is injured, and property rendered insecure, by the proceedings of the assembly. The assembly comprises 15 members; and attached to it is a legislative and executive council. The laws are in English, and administered by circuit courts; but the police is neither numerous nor effective. The militia of the island consisted, in 1838, of 6,439 mea, including 358 commissioned officers. Elementary schools have been established in most districts of the colony, and some of a superior class are especially patronised by government. In 1845 there were, in all, 509 schools in the island, attended by 10,395 pupils. In 1839 Newfoundland was, with the Bermudas, erected into a bishopric. There are about 32 clergymen and 64 churches connected with the establishment; but in 1847 (and we are not aware of any change in the interval) the former were all misistoparies, there being neiin 1847 (and we are not aware of any change in the in-terval) the former were all missionaries, there being nei-

NEWHAVEN.

ther parishes nor rectors, properly so called, in the island. The adherents of the Church of England amounted in 1845 to 34,381, the Wesleyans to 14,239, and the R. Caholica to 46,783. The latter have a bishop at St. John's, and a vicar-general at Grace Harbour.

The inhabs. are honest and industrious, but often addicted to drunkenness, and superstitious to a degree almost beyond belief. Capital offences are exceedingly rare, and petty thefts are scarcely known. The people, consisting chiefly of Irish, Scotch, and the inhabitants of Jersey and Guernsey, or their descendants (the Indian aborigines having been long all but extinct), are employed either wholly or occasionally in the fasheries. The pasture of cattle and sheep, and the cultivation of small spots of land, are likewise partial sources of occupation. ployed either wholly or occasionally in the fisheries. The pastare of cattle and sheep, and the cultivation of small spots of land, are likewise partial sources of occapation. The women, besides assisting the men in catching and curing the fish, are engaged either in urail occupations, or spinning and kuliting worsted stockings, mitteen, and socks. In winter much time is occupied in bringing home fuel, building boats, and making or repairing the flabing implements. Marriages and christenings are commonly celebrated at the close of the fishing season, or in winter, and are always times of great festivity and merriment. St. Patrick's and Sheelagh's days are celebrated with riotous mirth by the Irish; and Christmas is a universal bolyday, marked by the observance of many castome that are now exploded in England. Celibacy is rare, and families of 10 or 12 children are very common. The families of 10 or 12 children are very common. The families of 10 or 12 children are very common. The families of 10 or 12 children are very common. The Socia, New Brunswick, &c. Their usual diet consists of ship-biscuits, potatoes and fish, salt pork and bohen to see the same of the people do, on fish and salt meet. Spirits are mixed with the beer, to make the mixture called Califogus, and rum is so cheap, that the labouring classes are apt to acquire habits of intoxication, which, however, is somewhat obviated by the practice of kegging, somewhat similar to taking the temperance-piedge, either for one or more years, and occasionally for life.

Newfoundland was probably first discovered by the Norwegians, at the beginning of the 11th century, but, if so, it was subsequently forjotten, till John Cabot visited in the summer of 1677, and gave it its present name. As early as the year 1500 an extensive fahery was carried on, by the Portuguese and French, on the neighbouring

Norwegians, at the beginning of the lith century, but, if so, it was subsequently forgotten, till John Cabot visited it in the summer of 1697, and gave it its present name. As early as the year 1500 an extensive fishery was carried on, by the Portuguese and French, on the neighboaring banks; but, though Str Walter Raleigh, and others, astempted to form a colony here, no successful settlement was made, till Sir G. Calvert, afterward Lord Baltimore, in 1628, established himself on the S.E. part of the island, called Avalon, and appointed his son governor. Two in 1628, established himself on the S.E. part of the island, and in 1654 a few English settlers came over, under the suthority of a parliamentary grant. The French, who, very early in the 17th century, had formed a station at Placentia, were for many years a constant source of annoyance to the English; and though, by the peace of Utrecht, the possession of the island was confirmed to the English, the subject of fishery rights is still a seasest questio between the two nations. With respect to the fishery generally, it was chiefly carried on during the first half of the last century, by the English, Angio-Americans, and French; but the capture of C. Breton, and other possessions in America, gave a severe blow to fishery of the latter. The American was divided the British fishery: that portion of it that had previously been carried on from New England being therangles merged in that of the United States; but still the English contrived to preserve the largest share. The French were excluded from the fishery during the French wer, in consequence of which the English had almost a monopoly of the business; but since the peace it has been excluded from the fishery during the French wer. Brit. America, 122—216; Marray's Brit. America, 1376—298; Comm. Dict.; Part. Papers, &c.)

NEW HAYEN, a city and sea-port of the U. States, in Connecticut, of which, conjointly with Hartford, it is the cap., co. Newhaven, on an inlet of Long Island Sound. Sm. S.S. W. Bartford, and

of Newhaven on the Forth as can well be conceived. The town is built on a plain, about 2 m. from N. to S. and 8 m. from E. to W. The streets and squares are quite regular, and all shaded with fine trees. In the centre of the city is the public square, in which are the state-house, several of the churches, and Yale College. (Smorr.) The new state-house is built after the model of the Parthenon. Yale College is one of the most distinct pulsarial literary institutions in America. It was incorporated in 1701, and removed thither in 1717. The college buildings, which are of stone, comprise 4 halls, each 100 ft. by 40 ft., in which are the dormitories of the sta-

NEWMARKET.

dents; a chapel, 2 halls for lecture rooms, a large dininghall, the medical college, &c. This institution has the
finest cabinet in the U. States, a good anatomical moseum, and libraries, comprising altogether 48,000 vols.
In 1848, it had 21 professors and 385 students. The
state hospital, the churches of the Episcopalians, Baptists, Methodists, Africans, &c.; the gool, custom-house
alenshouse, and museum, are among the chief public
edifices. There are numerous flourishing boardings
achools in the town, an institution for public lectures,
and several banks and insurance offices. The legislature
of Connecticut meets alternately at Hartford and Newhaven. This city has a considerable foreign and coasting trade. Its barbour, though shallow and gradually
filling up with mud, is spacious and secure; and the
wharks bordering it are extensive, one being nearly
4,000 ft. in length. In 1849, there belonged to the port
20,307 tons of shipping. Newhaven is connected with
Hartford by a railroad; and with Northampton, and
other parts of Massachusetts, by a canal. It communicates daily with New York by steam-boats.

NEW JERSEY. See Jessey, New.

NEWMARKET, a market town of England, celebrated for its races, partly in hund. Ckevely, co. Cambridge, and partly in hund. Lackford, co. Suffolk, 13

E.N.E. Cambridge, and 56 m. N. by E. London. Area
for its two parishes, 570 acres. Pop., in 1841, 2,956. to
tomprises one long and wide street, lined with respectable shops, handsome private residences, numerous
hotels and lins for the accommodation of the nobility

able shops, handsome private residences, numerous hotels and inns for the accommodation of the nobility and others who flock thither during the races. It has and others who fock thither during the races. It has some handsome public buildings, among which may be specified the news-rooms belonging to the Joekey Club. The stables are most extensive, and are fitted up with every convenience. Of the two parish churches, that of St. Mary's is by far the most handsome, and has a tower and steeple that form a prominent feature when seen from a distance. The Wesleyan Methodists and Baptists. from a distance. The Wesleyan Methodists and Baptists have also their places of worship, with attached Sunday schools. A subscription charity school is attended by 72 boys and 53 girls, the number on Sunday amounting to 176 children of both sexes. There are numerous

er small charities.

Horse-racing, though now so favourite a diversion, is of rather late origin in England, and does not appear to have been much practised till the latter part of the reign of Queen Elizabeth. In the following reign, however, James I, was a distinguished patron of the turf, and imported Arabian horses for the improvement of the native breeds. In the early part of the reign of Charles I, Newmarket became celebrated for its races; and Charles II., who was still more zealously attached to this new resort of the sporting world, regularly attended its races, and repaired and enlarged the house in the town that had been occasionally occupied by his father and grandfather. Horse-racing, though now so favourite a diversion, by and repaired and enlarged the house in the town that has been occasionally occupied by his father and grandfather. From this epoch Newmarket has been the racing metropolis of the empire, and has always had to boast of the most distinguished patronage. "Newmarket fame and judgment in a bet "being an object of the bighest ambition with many nobles and wealthy commoners of our own day, as well as with those of the days of Pope. The race-course, on the heath to the W. of the town, is probably the finest in England. It is apportioned into different distances, corresponding with the ages and supposed powers of the horses, the longest course being 4 m. I furlong and 128 yds., and the shortest 2 furlongs and 47 yds. The grand stand has every accommodation for spectators, with a betting-room, confec-room, &c. There are? race recetings during the year, instituted at different periods. The grand stand has every accommodation for spectators with a betting-room, coffee-room, &c. There are 7 race meetings during the year, instituted at different periods each lasting three days; the carliest is the Craven meeting, on Easter-Monday; then follow the two spring meetings; a foorth takes place in July; and there are three others in October, the last being called "the Houghton meeting." The covereign gives three plate annually; one is provided from a fund left for the purpose, and others are given by the nobility or subscribed for by the members of the turf. The tradning-ground, on a stope S. of the town, is considered superior even to the course for trying the mettle, wind, and speed of the horses. About two thirds of the adult male pop. are trainers, stable-keepers, grooms, &c.; and, in fact, the town is wholly dependent for support on the races, and the training of horses. Markets on Tuesday; fairs, Whit. Tuesday and Nov. 8, chiefly for horses and sheep. Newmarket was nearly bornt down in 1683, and again at the commencement of last century.

NEW ORLEANS, a city and river-port of the U. States, Louisiana, of which it is the cap., and the commercial metropolis of the southern and western portions of the Union, on the Mississippi, about 105 m. from its mouth the second of the content of the conte

NEW ORLEANS.

of the river at high water is also from 2 to 4 ft. above the level of the town; and even in its lower stages it is above the level of the awampe in the rear of the city. To obviate inundations, a levéa or embankment, from 5 to 30 ft. in height, has been raised for about 100 m. along the river. A breach sometimes occurs in this dyke, but it is rarely permitted to do much damage before it is closed; and the most serious drawback the city suffers from its situation is its insatubrity. It is usually visited by the yellow fever, from July to Sept., every year or every two years, when great numbers of the poor are awept off, and the rich betake themselves to some more healthy situation. But the fury of this scourge has latterly been mitigated by draining some of the contiguous awamps, paving certain parts of the city, substituting stone for wooden sewers, &c. The effective plan, however, would be to raise the ground on which the city stands 8 or 10 ft above its present level. This would at once elevate is above the level of the river, provide a descent for the drains in the town, and would most probably free it from fever. Considering the vast importance of the objects to be gained, the undertaking, though expensive and difficult, is one that should immediately be set about. In 1849 there died in New Orleans 9,862 persons, being in the appalling ratio of 1 death for every 10,98 inhabs., or 93-6 deaths out of every 1,000 living. A part, however, of this excessive mortality was occasioned by cholera. And allowing for its influence the present average rate of mortality may be estimated at 1 death to every 1641 living, or 60-6 deaths to every 1,000 of the pop. (Dr. Serk en the Vital Statistics of New Orleans.) This extraordinary mortality, (fully three times as great as the mortality of Bostom,) is the great drawback upon New Orleans, and is sufficient almost to neutralise her other edvantages.

the mortality of Boston, is the great drawback upon New Orleans, and is sufficient almost to neutralise her other advantages.

New Orleans, having few steeples or other conspicuous objects, makes no striking appearance from a distance. "The city is built in the form of a parallelogram, composed of six complete equares, with suburbs or fisuabourgs, which are rapidly increasing. The streets in the old city are hardly 40 ft. wide; but in the newer portions they are much wider, and intersect each other at right angles. The cathedral, at the head of a square, is an old building, with 4 towers and massive walls, ornamented with figures of saints in the niches. It is the only public building at all imposing. Public institutions, though sumerous, are built in an unpretending style. There are very few churches in proportion to the pop. The French theatre is in the city, and the American in the suburb. The houses (which in the old city are lofty, ornamented with tasteful corniers and iron balcomies, and presenting many characteristics similar to those in the towns of France and Spain,) are chiefy of brick, and many of them stuccode externally of a white or yellow colour. In the new portion of the city the houses are built in the modern American style. Many of the doors are left open during the day, and mosquito curtains substituted in their stead." (Stear's suserice, ii 196, 197.) Next to the R. Cath, esthedral, the state-house, custom-house, exchange, U. S. mint, barracks, college, the charity hospital, which provides for from 8,000 to 9,000 in-door and out-patients annually, 3 other hospitals, the orphanasylum, and several theatres, are the principal public for Episcopalisms. Unitarisms, Baptists, Methodists, &c.; but most of the white pop., being of French or Spanish descent, are R. Catholics. Half the fixed residents are black or coloured; unitarisms, Baptists, Methodists, &c.; but most of the white pop., being of French or Spanish descent, are R. Catholics. Half the fixed residents are black or coloured; unitarisms,

the training of horses. Markets on Tuesday: fairs, Whit. Tuesday and Nov. 8, chiefly for horses and sheep. Newmarket was nearly burnt down in 1683, and again at the commencement of last century.

NEW ORLEANS, a city and river-port of the U. States, Louisiana, of which it is the cap., and the commercial metropolis of the southern and western portions of the Union, on the Mississippi, about 105 m. from its mouth; lat. 290 37 43° N.; long. 290 6° W. Pop., in 1830, 50, 103, while, in 1840, it had increased to 102,191? But it has increased but little in the intervening 10 years, the pop., in 1840, it had increased to 102,191? But it has increased but little in the intervening 10 years, the pop., in 1840, it had increased to 102,191? But it has increased but little in the intervening 10 years, the pop. and yet her progress has been rapid beyond all precedent, it appears from the accounts printed by order of Consepong that none of the houses have cellars. The surface

1848, the value of native American produce exported from this city amounted to 39,350,148 doll., while the value of that exported from New York was only 38,771,299 value of that with respect to imports, the case is materially different; the value of those of New Orleans in the above year being only 9,220,439 doll., whereas those of New York amounted to 94,529,141 doll.

above year being only 3,220,429 doll., whereas those of New York amounted to 94,523,141 doll.

It is believed by many, seeing how rapidly settlements are forming in the "West," that New Orleans must, at no very distant period, exceed every other city of America, as well in the magnitude of its imports as of its exports; and, considering the boundless extent and extraordinary fertility of the uncultivated and unoccupied basins of the Mississippi and Missouri, the anticipations of those who contend that New Orleans is destined to become the greatest emporium, not of America only, but of the world, will not appear very unreasonable. Steam navigation has been of incalculable service to this port, and, indeed, to the whole of central N. America. The voyage up the Mississippi, that used to be so difficult and tedious, is now performed in commodious steam packets with ease, celerity, and comfort. "There have been counted," says Mr. Flint, "in the harbour, 1,500 flat boats at a time. Steam boats are arriving and departing every hour; and it is not uncommon to see 50 lying together in the harbour. A forest of masts is constantly seen along the *eve*e, except in the sultry months. There are often 5,000 or 5,000 boatmen from the upper country here at a bour. A forest of masts is constantly seen along the kewfe, except in the sultry months. There are often 5,000 or 6,000 boatmen from the upper country here at a time; and we have known 30 vessels advertised together for Liverpool and Havre. The intercourse with the Havannah and Vera Cruz is great, and constantly increasing." (Geog. and Hist. of the W. States, 1. 557.) New Orleans has, also, a large and rapidly increasing intercourse with the isthmus of Panama and California. In 1849, the shipping belonging to the port measured, in

New Orleans has, also, a large and rapidly increasing intercourse with the isthmus of Panama and California. In 1849, the shipping belonging to the port measured, in the agg., 240,266 tons; of which about a half was the tonnage of steamers only. Vessels of the largest burden may navigate the river several hundreds of miles above New Orleans. Notwithstanding a large proportion of her foreign trade is carried on in foreign bottoms, she now ranks as the third shipping port in the Union, being, in this respect, inferior only to New York and Boston. The depth of water in the river opposite to New Orleans is, at a medium, about 70 ft.; and it maintains soundings of 30 ft. till within a mile of its confluence with the sea. Besides 3 or 4 of inferior consequence, the Mississippi has 4 principal passes, or outlets. But in the S.E., or main pass, at Balize, the water on the bar at ordinary tides does not exceed 12 ft.; and as the rise of the tides in the Gulph of Mexico is not more than 2 or 24 ft., vessels drawing much water cannot make their way from the ocean to New Orleans.

The commerce of the city is facilitated by means of canals, which connect it with Lake Pontchartrain, and by the Carrolton, Pontchartrain, and Orleans Street railroads; though none of these works is of any considerable length.

The great articles of export from New Orleans consist of cotton, principally to England and France; flour, corn, and meal; bacon, pork, and lard, principally to Cuba, the West Indies, and Brazil; tobacco, sugar, lead, &c. We subjoin

A Statement of the Quantities of the Principal Articles ahipped from New Orleans in 1849-50.

Cotton	-	-	bales	838,591	Lard Tebacco Sugar Do Best		hees	1,554,819
Flour	•	•	bbls.	211,760	Tebecco	•	hhds.	67,955
Core	•	-	sacks	456,067	Sugar .	•	_	92,720
Pork	•	•	bbis.	470,937	_ Do	•	bbls.	
Bacon	•	•	nnds.	64,929	Beef -	•	-	55,849

Pork - bbls. 470,237 | Do. - bbls. 15,542
Basen - bbds. 64,929 | Best - - 55,542
There are in the city a great number of joint-stock banks, with numerous insurance offices, &c.

New Orleans was founded by the French in 1717; in 1769 it was occupied by the Spaniards, in whose hands it continued for about 24 years. In 1814-15 Bertish army, which had effected a landing in the neighbourhood, was compelled to re-embark, after having sustained great loss in an attack on the entrenchments of the Americans under General Jackson. (difficial Returns.)

NEW PORT, a parl. bor., market-town, and par. of Ragiand, in the centre of the isle of Wight, of which it is the cap., on the Medina (crossed here by an old stone bridge), 14 ms. 8.8. E. Southampton, and 75 m. 8. W. London. Pop. of parl. bor., which comprises, with the old bor., a portion of the par. of Carisbrooke, in 1841, 6.330. The town has one principal street, with two or three others meeting it at right angles, and forming spacious market-places. The best streets are well built, paved, and lighted with gas; but there are several inferior houses on the N. side of the town and along the river. The market-house is an old building, open in the lower part, the upper story being formed into partments for the corporation business, &c. The church is a large edifice, having three slies, divided from each other by pointed arches, and an embattled tower at its W. end: the living is a vicarage, subordinate to Carisbrooke.

ORT.

The Rom. Caths., Wesleyan Methodists, Baptists, Usitariams, and the Society of Friends, have their respective places of worship; and there are three Sunday achools. A grammar-achool was founded, in 1619, by James I. In its school-room, a venerable looking structure of grey stone, Charles I. and the parliamentary commissioners carried on the negotiations which ended so fatality for the former. There is also a girl's charity school. The Literary Institution, assembly-rooms, and theatre are the other principal public establishments. Within the bor, is a gaol, built at the joint expense of the bor, and the island generally: it has rooms for the separate confinement of male and female tried and untried prisoners; but there is little further classification. The old cathes of Carissbooks (which see) occupies an eminence, about 1 m. S. w. the town. About 1 m. N. is a work, house for the poor of the entire island, and near it is Parkhurst military depôt and hospital, erected in 1780, and fermithing accommodation for upwards of \$200 and furnishing accommodation for upwards of 3,600 troops. "The town formerly derived much benefit from the presence of a large military force; but the berracks have been all but deserted since 1825, and the withdrawal of the atimulus has been seriously felt. There

have been all but deserted since 1825, and the withdrawal of the stimulus has been seriously felt. There is a lace manufactory close to the town, employing from 600 to 700 hands, and another of less consequence at the distance of about 2 m. The present importance of Newport depends principally on its being a market-town in the centre of the island, which is an active agricultural and grazing district. The markets are said to be somewhat injured by the existence of the tolls; but the general prosperity of the town seems to be neither increasing nor diminishing to any material extent." (News. Corp. Rep.)

The bor. of Newport is supposed to have been incorporated in the reign of Henry II., but its principal charter was granted by James I. Under the Nun. Reform Act it is divided into 2 wards, and is governed by a mayor, 5 other aldermen, and 18 councillors: it enjoys, also, a commission of the peace, under a recorder. Corporation revenue, in 1847-68, 1036. An ancient court, the Carla sulfitums, consisting of freeholders, is held once in three weeks at the town-hall, and exercises jurisdiction over all the island, except the bor. Newport has sent 2 mems. to the H. of C. since the 23rd Edward I. A portion of the par. of Carisbrooke was added to the old bory the Boundary Act: registered electors in 1849-50, 681. Newport is also the election-town for the lake of Wight, which, under the Reform Act, sends I mem. to the H.

of C.

NEWPORT (Weish, Castell-newydd), a parl. bor., market town, and river-port of England, hund. Wentloog, co. Momouth, on the W. bank of the Uak, crossed here by a stone bridge of 5 arches, and about 4 m. from its mouth, 20 m. S.S.W. Monmouth, and 194 m. W. by N. London. Pop. of parl. bor. in 1841, 10,271. The town comprises a narrow and crooked main street, bifurcating at its S. extremity, and crossed by others still meaner and more pregular. On an emirace S. from the town N. London. 709, of part. nor. m 1841, 10,241. Are town comprises a narrow and crooked main street, bifurcating at its 8. extremity, and crossed by others still meaner and more irregular. On an eminence S. from the town is the old par. church of St. Woollos, with a square tower, apparently of Norman architecture, though much altered at different periods: the living is a vicarage, in the gift of the Bishop of Gloucester. There are places of worship for Wesleyan Methodists, Calvinista, Baptista, and R. Catholics. National and Lancastrian schools are established here, and the Sunday schools are attended by about 900 children. Near the bridge are some interesting remains of a baronial castle, said to have been erected by Robert Fitaroy, son of Henry I.; and not far off are the ruins of an old menastery. "Newport is extensively engaged in the iron and thrade, and in the export of coals. It is connected with Fontypool and Crumilin by the Monmouthshire Canaliron and coal are brought from the former, coals only from the latter. Tram-roads also connect Newport with the Ronney, Tredegar, Sirhower, Ebbervale, and Beaufort Iron-works. It may, indeed, be considered a very thriving place: new docks and wharfs are building, or is contemplation, and the town is rapidly increasing." (Msss. Bossad. Rep.) In 1849, 490,078 tons were sent to foreign countries. The gross customs' revenue is 1846 amounted to 9,7%%, but in 1846 it rose to 11,1926. The river is navigable for sea-going ships close up to the town, and ship-building is carried on to a considerable extent. On the 1st of January, 1880, there belonged to the port, 89 vessels of the agg. burden of 11,935 tons. The proof of the port, 89 vessels of the agg. burden of 11,935 tons.

pottery.

Newport, which received its earliest charter in the reign of Edward III., was divided by the Municipal Esform Act into 2 wards; its mun. officers being a mayor and 5 other aldermen, with 18 councillors. It has also a commission of the peace, under a recorder. Corporation revenue in 1847-8, 1,660. In conjunction with Monmouth and Uak, Newport has sent I mem. to

NEWPORT.

the H. of C. since the 27th Henry VIII., the right of election down to the Reform Act being vested in the resident burgesses. The electoral limits were enlarged by the Boundary Act, so as to include with the old bor., additional portions of the part. of 8t. Woollos and Christchurch. Reg. electors for the united bors., in 189-50, 1,589. It is, also, one of the polling-places at elections for the co., and the principal town of a poor-law mion, comprising 30 pars. and townships. Markets on Saturday; tattle markets the 2d Monday in each month; fairs, Holy Thursday, Whit-Thursday, 15th Aug., and 6th Nor. (Parl. Mess. Bossed. Reg. 2c.)

NEWPORT, a market-town and par. of England, S. Bradford, hund. co. Salop, near its E. limit, 164 m. W.N. W. Shrewsbury, and 188 m. N. W. London. Area of par. 800 acress. Pop., in 1841, 2,487. It consists principally of a main street, on the road between Shrewsbury and 8tafford, in the centre of which stands the par. church: the living is a perpetual curacy, in the gift of the lord-chancellor. A grammar-school, founded in 1863, is endowed with lands producing about 1.000. a year, and funded property to the amount of 12,450.: it has 8 exhibitions at Oxford and Cambridge, and is conducted by 2 masters. An English school is supported out of the funds of the same charity, and there are 2 sets of almahouses. The town comprises also an old, but well-built market-hall. The chief business of Newport is its retail trade for the supply of the neighbourhood. Malting is carried on pretty extensively; and it derives some advantages from its situation on a branch canal connecting the Shrewsbury Canal with the Liverpool and Birmingham Junction Canal. A private bank and savings' bank are established here. Markets on Saturday: cattle and shoep fairs, first Tuesday in February, Saturday before Palm Sunday, May 28., July 27., Sept. 28., and Dec. 10.

NEWPORT, a decayed bor. and market-town of England, co. Cornwall, N. div. hund. East, separated from Lunneston, of which it is a suburb, by a smal

down to the passing of the Beform Act, by which it was disfranchised.

NEWPORT, a sea-port town of the U. States, Rhode Island, on the W. shore of the Island, whence the state derives its name, \$5 m. 3. by E. Providence. Pop. in 1840, 3,333. Previously to the American revolution, this town ranked third or fourth among those of the British N. American colonies; but it has since been far outstripped by others, though it has still a considerable commerce. Its advantages for sea-bathing make it a favourite place of summer resort. It is regularly laid out, and its houses have an antique appearance. The state-house, gaol, several banks and insurance offices, and a good library, are the principal public establishments. The harbour, defended by \$ forts, is spacious, deep, and of easy entrance. There belonged to the port, in 1849, 10.174 toms of shipping.

NEWPORT-PAGNELL, a market town and par. of England, at the N. extremity co. Buckingham, hund. of its own name, mear the junction of the Ouse and Ousel (crossed here by 2 stone bridges, and 1 of 100), 3 m. E. N. E. Buckingham, and 451 m. N. V. London. Area of par., 3,220 acres. Pop., in 1841, 3,503. The town is straggling, ill-built, and only occasionally lighted with gas. The church, which has lately been thoroughly repaired, it a large building of considerable antiquity, occupying an eminence which commands an extensive view of the surrounding rich country: the living it a vicarage, valued at 330, a year, and in crown patronage.

vicarage, valued at 230% a year, and in crown patronage.
The H. Catholics, Wesleyan Methodists, and Independents have also their respective places of worship, with attached Sunday schools. National, Lancastrian, and infant schools are supported by subscription; and there are 2 endowed charity schools for girls. A mechanics' institute was established here a few years since: and there is a theological academy for training independent there is a theological academy for training independent ministers. Revis's almshouses provide lodging, clothes, fuel, and a sthend of 10t a year to 7 aged persons, and Queen Anne's Hospital (founded by Anne, consort of James I.) is appropriated to the maintenance of 6 poor men and women, an allowance, also, of 10t a year being made to the vicar as its master. There are several other mainter charities and bequests belonging to the par., and in trust of the vicar and church wardens. Newport-Pagnell had formerly a very extensive manufacture of bone-lace, which, though greatly injured by the competition of the machine-lace of Nottingham, still forms the staple trade of the town. The petty sessions for the hund. are held here. Markets well supplied with corn on Saturday cattle and lace fairs, April 22., June 22., and Oct. 22.

NEW ROSS, a parl. bor. and river-port of Ireland, co. Wexford, prov. Leinster, on the declivity of a steep hill, on the E. side the Barrow, 13 m. N. E. Waterford. Pop., in 1841, 7,543. It is in general pretty well built. It has a parish church, a chapel of ease, 2 Rom. Cath. chapels, a friary, and a nunnery, with meeting houses

NEWRY.

for Presbytsrians, Independents, Quakers, Methodists, &c.; several endowed schools, an infirmary, a fever hospital, and dispensary, a lying-in hospital, the Trinity hospital, and other almshouses, with several minor charitable institutions; a market-house, and corn-market; a barrack, the borough court-house, sessions-house, and bridewell. A wooden bridge, 510 ft. in length, with a drawbridge for the passage of vessels, leads across the river to the suburb of Roesbercon, in the co. Kilkenny. The corporation, which received its first charter in the rign of Edward I., consisted of a sovereign, burgesses, and commonalty. It returned 2 mems to the Irish H. of C. till the Union, since which it has sent I mem. to the Imperial H. of C. The electoral limits, as fixed by the Boundary Act, comprise an area of 64 acres. Registered electors, in 1849-50, 187. The workhouse for New Ross Union, opened in 1843, has accommodation for 1900 inmates. General sessions are held at Easter and Michaelmas; petty sessions every fortnight. The town is a constabulary station, and it has broweries and distilleries. Markets on Wednedays and Saturdays; fairs, 10th Jac., 10th Feb., 17th March, Easter Monday, 3d May, Whit. Monday, 10th June, 10th July, 10th Aug., 10th Sept., 18th Oct., 10th Now., and 8th Dec.

New Ross is well situated for trade: vessels of 200 tons reach it at all times of the tide, and those of 600 tons at high springs: the river is also navigable for barges to Athy, where it unites with the Grand Canal, communicating with Dublin on the one hand, and the Shannon on the other. The port, which was formerly subordinate to Waterford, has been made independent. In 1850, it is reported to have had 27 vessels of the agg-burden of 9,677 tons; but we presume there is some mistake in this statement. Customs rev. in 1849, 31,3892. It imports sish from Newfoundiand, and timber from N. America and the Baltic. Post-office revenue in 1848, 5022. Branches of the Bank of Ireland and National Bank have been opened.

Though called New,

handsome structure

co. Down, and the other in Armagh; the communication between them being kept up by 4 bridges, 3 of which are sandsome structures.

It is a well-built thriving town. (Mass. Bosned. Rep.) Its more ancient part, on the decilvity of a hill, has narrow and ill-arranged streets; but the modern portion, on the low ground along the river and canal, has wide airy streets, with good houses, mostly of granite. The principal public buildings are 2 Protestant Episcopal churches; 3t. Patrick's, originally built in 1878, and rebuilt after the Revolution, and 3t. Mary's, a handsome structure, erected in 1812, with a spire 190 ft. in height. It has alse 2 Rom. Cath. chapels, one of bromore. A convent of the order of St. Clare has also a Carbel state of the sec of Dromore. A convent of the order of St. Clare has also a chapel attached to it. The Presbyterians have 4 places of worship, the Methodists 3, and the Independents and Kellyites I each. The institutions for education comprise a preparatory seminary for Maynooth College, a school attached to the board of national education, in which and in other minor schools, about 1,700 pupils are instructed. Some of the spartments of a suite of assembly-rooms, erected in 1794, are now used as public offices and for a savings' bank it has also a mendicity association, and some almshouses; an hospital, with accommodation for 40 patients; a good custom-house; and barracks for 700 men. The environs, which are very beautiful, are studded with numerous seats, surrounded by well-wooded demenses. The town is paved, cleaned, lighted with gas, and watched, under the management of a board of commissioners. The supply of water is wholly derived from numerous private springs. The workhouse for the Newry Union, opened in 1841, has accommodation for 1,000 inmates.

The Lordship of Newry, of which the town forms part, extends over 17,064 acres. It formerly was stached to a monastery, and enjoyed very extensive privileges, which, after the dissolution of religious houses in the reign of them the state

having, from some cause or other, been extinguished, the seneschal, appointed by Lord Kilmorey, became the ruling officer in the town, holding a manor-court every third Wednesday for sums not exceeding 10t., and a weekly court of record on Mondays for pleas to the amount of 3t. 6s. 8t. Irish. The general sessions for the county of Down are held here twice a year, as are those for the W. division of Armagh, in which the town is partly situated. Here is a bridewell, in which prisoners partly situated. Here is a bridewell, in which prisoners are confined until transmitted to the county prisons at Downpatrick or Armagh. The bor. returned 2 mems. to the Irish H. of C.; and since the Union it has returned 1 mem. to the Imperial H. of C. The charter restricted the right of voting to the provost and 12 burgesses; but on its extinction the franchise came to be enjoyed by the inhab. at large. It was, however, confined by the act 28 Geo. 3. cap. 29. to the occupiers of houses rated at the annual value of M. The Boundary Act did not change the limits of the bor. Registered selectors in 1849-90 673. electors, in 1849-50, 677.

alectors, in 1849-50, 677.

Though not distinguished by its manufactures, it has 2 foundries, a fiint glass factory, a distillery, 2 breweries, several flour-mills, with tan-works, &c; and in its vicinity are 2 large flax-mills and a cotton-mill. The opening of the Newry Canal connecting Carlingford Bay with Lough Neagh, has been of great advantage to the town, having made it the entrepôt of a very considerable district, and the seat of an extensive commerce: it is the principal port in the kingdom for the shipment of butter; and its communications will be farther improved by the Belfast and other railways. Vessels of small burden come up to its quays, but those of larger burden load and unload at Warren's Point, about 4 m. lower down. Subjoined is lower down. Subjoined is

An Account of the Quantity and Value of the Principal Articles shipped from Newry in 1835.

Articles.		Quantity.	Estimated Value.
Corp., meal, and flour Provisions - Portisions - Portisions - Plax and tow - Peathers - Tobacoo - Spirits - Linen - Born - Horeand own - Horeand own - Horeand own - Swine - Swine - Other articles -	- cwts Ibs gallons - gallons - number - head - value	497.347 21,233 5,340 25,940 25,940 8,735 5,300 3,636,250 2,238,000 5,551 898 30 15,625	201,857 84,820 353 77,820 540 1,528 693 184,311 4,662 17,755 8,980 30 15,525 15,500
Total	<u> </u>		616,836

Exclusive of its cross-channel trade with Great Britain, especially that with Liverpool and Glasgow, which is by far the most extensive, it has some trade with North America, the ports on the Baltic, and other foreign countries. The gross customs' duty received at the port amounted, in 1849, to 26.1461.; and in 1850 it had 199 vess-is of the agg, burden of 12.716 tons, and a steamer. A general market, and a market for linens, which are extensively produced in the neighbourhood, are held every Thursday; and a market for grain on Tuesdays, and for meat on Saturdays. Post-office revenue, in 1248 1 970. Exclusive of its cross-channel trade with Great Britain.

extensively processes and a market conserved the revenue, and for meet on Saturdays. Post-office revenue, and for meet on Saturdays. Post-office revenue, and had a castle. It suffered in the war of 1641, and was nearly destroyed by the Duke of Berwick in 1689. It is now one of the most thriving towns in the N. of Ireland. (Radisway Report; Thom's Absanack, &c.)

NEWSTEAD, a village of Ragiand, co. Nottingham, being a liberty of the par. of Paplewick, in the N. div. wap. Broxtow, 8 m. N. by W. Nottingham. Pop., in 1841, 193. This village would be wholly unworthy of notice were it not for its proximity to Newstead Abbey; a structure, the same of which will be as immortal as the English language. The abbey was formerly a priory of Canons, sounded by Henry II., and granted at the structure, the tame of which will be as immortal as the English language. The abbey was formerly a priory of Black Canons, founded by Henry II., and granted at the Dissolution to Sir John Byron, the ancestor of the illus-trious poet, to whom it is wholly lindebted for its celebrity. trious poet, to whom it is wholly indepted to its encentry. The part now inhabited consists principally of the rooms and offices of the priory, the church, except the S. aisie, having failen entirely into decay. The front has a noble and majestic appearance, being built in the form of the W. end of a cathedral, adorned with rich carving and lofty piunacles. The cloisters exactly resemble those of W. and the state of the contract of the contra lofty piunacies. The cloisters exactly resemble those of Westminster Abbey, only on a smaller scale, but possess-ing, if possible, a more venerable appearance. The cloister-court has a basin in the ceutre; and many of the ancient occupants of this noble pile lie under its flagged pavement. The chapel is still entire. The abbey stands

Crown'd by high wentlend

And the ivy-covered ruins of the Gothic church, with its

" mighty window" and tower, strikingly contrast with the castellated mansion and its offices.

" Before the mansion lies a lucid lake, Broad as transparent, deep, and freshly fed By a river

with woods sloping down to its banks. The apartments are spacious and superbly furnished in the old style; and the venerable fabric, with its remnants of monastic and the venerable fabric, with its remnants of monastic and baronial magnificence, its sombre appearance and sequestered situation, seems to have harmonised well with the moody mind of the "noble Childe." An antique cross of red sandstone stands in the courtyard, and a Gothic greenhouse leads into a beautiful garden, formerly the cemetery of the priory, where is a pedestal of white marble erected by the poet over a Newfoundland dog that had saved his life. The remains of Lord Byron are interred in Hucknall churchyard, a few miles from the Abbey, which has passed from the family.

NEWTON.IN.-THE.-WILL.OWS, otherwise called Neuton-in-Marcyfield, a bor., market-town, and township of England, W. Derby, hund. co. Lancaster, 15 m. W. by S. Manchester, and 168 m. N. W. London. Area of township, 3,070 acress. Pop., in 1841, 3,126; but probably much increased, owing to the recent erection of

Area of township, 3,070 acres. Pop., in 1841, 3,125; but probably much increased, owing to the recent erection of iron-foundries, engine manufactories, and glass-works. It comprises one main and rather long street, conveniently situated near the point where the Manchester and Liverpool Railway unites with the Grand Junction and Union Railways: it has also a large depôt and station. Two episcopal chapels have been built here within the last seven years, and there are two or three Sunday-schools. A free-school, founded in 1699, is endowed with 5t. a year-Horse-races take place annually on the common N. of the town. Its market, long disused, was re-established in 1838, and is held on Saturday. Fairs, May 17. and 18. Newton returned 2 mems, to the H. of C., nominees of the lord of the manor, from 1st Eliz. down to the Reform Act, by which it was disfranchised. (Butterworth's Stat. of Laucashire.)

Gown to the Resort Act, by which it was distranchised.

(Butterworth's Stat. of Lancashire.)

NEWTON-LIMAVADY, an inland town of Ireland, co. Londonderty, prov. Ulster, near the Roe, about 1½ m. B. from Lough Foyle, and 15 m. N.B. Londonderry. Pop. in 1841, 3.01. "It is agreeably situated on the B. bank of the river Roe, in a fertile and well-cultivated district. The town for walled increased and in the B. bank of the river Roe, in a fertile and well-cultivated district. The town is rapidly increasing and improving, arising from the impulse which of late years has been given to husbandry in its vicinity. Wheat is now raised in considerable quantities, though not many years ago it was imported for home consumption. But the great increase in the culture of flax is the principal cause of its prosperity. Since the municipal commissioners visited the town, two banks, or branches of banks, have been established, with a fair proportion of business. (Massicipal Bossad. Rep.) The public buildings comprise the par. church. 3 Presbyterian meeting, houses, and 1 Methodist do.; a dispensary, sessions-house, a markethouse, and a bridewell.

The corporation, under a charter of James I., in 1613.

The corporation, under a charter of James I., in 1613, consisted of a provost, 12 burgesses, and a commonalty, and returned 2 mems. to the Irish H. of C. till the Union,

consisted of a provost, 12 burgesses, and a commonalty, and returned 2 mems. to the Irish H. of C. till the Union, when it was disfranchised. General sessions are beld in June and December; petty sessions on alternate Tuesdays. The town is a constabulary station.

Markets for corn are held on Tuesdays and Fridays, and for general sales on Mondays. Fairs on the second Monday in February. 28th March, 12th June, 18th July, and 29th October. Post-office revenue, in 1830, 478t. in 1836, 469t. The banks referred to above were the Ballast and Northern banks, opened in 1835.

NEWTON-STEWART, a market-town of Scotland, ov Wigtown, in the vale of the Cree, mostly on level ground, on the banks of that river, and on the high road from Dumfries to Portpatrick, 36 m. W. the former, and 25 m. E. by N. the latter, direct dist. Pop. of town, 1811, 2,172; or, inc. the par, 3,672. It chiefly consists of one main street along the road. A suburb, called Cree Bridge, on the opposite side of the river, and in the stewartry of Kirkendbright, is connected with the town by a handsome granite bridge.

stewartry of Kirkeudbright, is connected with the town by a handsome grantic bridge.

A large cotton-mill was erected here about 65 years ago; but the speculation not succeeding, the premises were sold, in 1826, for a fifth part of the original cost, and have since been pulled down. A few hand-loom weavers are employed by the Glasgow manufacturers; and it has a brewery and tan-work. But the inhab, are chiefly de-pendent for support on its retail trade with the sur-rounding country and its market. Large quantities of

pendent for support on its retail trade with the surrounding country and its markets. Large quantities of pork are cured here, chiefly for the English market. Vessels of 70 or 80 tons come up the Cree (which falls into Wigtown Bay) to Carty, within 1 m of the town. The par. church, designed by Mr. Burn, architect, is the handsomest Gothle edifice for religious purposes in the S. of Scotland. It occupies an elevated situation on the outskirts of the town, has a fine light spire, and is altogether extremely elegant, and in the best taste. It cost nearly 7,00%. Here are also chapels

belonging respectively to the Free church, Associate 3ynod, the Relief, and the Roman Catholics. There are smady schools in the par., of which the most important is the Dougian School, founded and endowed by a gentleman of that name, a native of the par., who died in Jamaica in 1799. The teacher has a salary of 80t. a year, and is allowed to charge school fees. Dr. Alexander Murray, the celebrated orientalist, was born (1775) in the neightheory of the second of the Heron family. Were Stat. Account of Scotland, § Wigtownskire, 167—198.)

has recently been erected to his memory. Augoriming the town is Kirrouchtree, the seat of the Heron family. (New Stat. Account of Bootland, § Wighowashire, 167—196.)

NEW TONARDS, a town and sea-port of Ireland, co. Down, at the N. extremity of Lough Strangford, 10 m. B. Beifast. Pop., in 1841, 7,621. It has a large square and several good streets, in which are the parish church, a small Rom. Catholic chapel, 3 Presbyte ian meeting-houses, 2 for Methodists, and 1 each for seceders and covenanters, a large school on the foundation of Erasmus Smith, a spacious town-hall, a court-house, and a house of industry. "It is increasing very much in extent; many houses have been built within the five years ending with 1835; and others are building, but they are generally of a small description." (Mess. Bosnd. Report.) The corporation, which, under a charter of James I.. in 1613, consisted of a provost, 12 burgessee, and a commonalty, returned 2 menss. to the Irish H. of C. till the union, when it was disfranchised. A manor court sits every 2d Seaturday for the recovery of debts to the amount of 10%. General sessions are beld in June and December, and early sessions on the lat and 3d Saturday of every month. A constabulary force is stationed here. The weaving and embroidery of damask mustlus are carried on to a cohaiderable extent for the Glasgow manufacturers; and there is a large brewery. Markets on Saturdays; fairs on the 2d Saturday of every month, and on the 23d Jan., 14th May, and 23d September. Post-office revenue, in 1830, 220c.; in 1836, 262c. A branch of the Belfast bank was opened here in 1836.

NEWTOWN, a part, bor., manufacturing and market town, and part of N. Wales, hund, of Newton, co. Montgomery, on the Severn, crossed here by a handsome modern cheth-hall. The church, an ancient structure in the English style, has a low square tower, surrounted by a wooden beliry; and another church is at present in the own-hall is of brick, and there is a handsome modern cloth-hall. The church, an ancient structure in the

town-hall is of brick, and there is a handsome modern cloth-hall. The church, an ancient structure in the English style, has a low square tower, surmounted by a wooden belivy; and another church is at present in the course of being erected. There are also several places of worship for dissenters, and numerous Sunday-schools. "There is not a single day-school, however, in which the rising poor can receive gratuitous instruction." (Hand-loom Weavers' Report, v. 559.) "Newtown is one of the most considerable towns in Montgomeryshire; and appears, indeed, to be more flourishing, and rising into greater importance, than any other town in N. Wales, owing to the number of flamed manufactures carried on in the town and its neighbourhood. The greater quantit into greater importance, than any other town in N. Wales, owing to the number of flamed manufactures carried on in the town and in neighbourhood. The greater quantity of the Welsh flamed is made here; and the peculiar quality of the Welsh flamed is made here; and the peculiar quality of the water is one of the causes assigned for the excellence of its woollen articles. Land in the neighbourhood lets at a high rent." (Bound Rep.) "The flamed markets (removed thither from Welshpool in 1823) are held on alternate Thursdays, and the quantity in the mart averages 400 pieces, valued at 10t. each, every market-day. The supply comes from every part of the country, except Llanddoes; and from many districts the flamed is sent in the rough, and finished or dreased at Newtown, where there are greater facilities or dreased at Newtown, where there are greater facilities or dreased at Newtown, where there are greater facilities or dreased at Newtown, where there are greater facilities or dreased as the town. The labour is performed principally by male weavers, but also by women and children, the average notit wages amounting to \$6. db, per week. The best weavers are never out of employ; but a great number of the middling hands are thrown out of work by the alightest depression of the trade. Considerable distress prevailed a few years ago among the weavers, owing to the failure of numerous small manufacturers, but the trade has now returned to a wholesome channel." (Handlouse, Weswers' Report.)

In 1829, Noction had 4 woollen mills, employing 91 hands. Machinery is made on a considerable scale, and there are foundries, potteries, anayards, and maithouses, basides 2 joint-stock banks. From the extent of its trade, it is designated "the Leeds of Wales." Its communications are facilitated by the Montgomery Camel, which commercial except the internal navigation of the central and northern districts. The Reform Act made Newtown a parl. bor.constributory with Llanddoes, Welshpool, Machynlleth,

what the internal navigation of the central and northern districts. The Reform Act made Newtown a parl. bor., contributory with Lienidioes, Welshpool, Machynlleth, and Lianfyllin, to Montgomery. The Roundary Act included with the par. the townships of Hendidley and Gwestydd. Registered electors of the united bors. in

1849-80, 1,048. Provision markets on Tuesday and Saturday; fairs, 1st Tuesday in Feb., last Tuesdays in March and Aug., June 94., Oct. 34., and Dec. 16. (Handloom Weavers' and Bound. Reports; Nicholson's Camb. Guide, &c.)

Guide, &c.)

NEWTOWN, a decayed bor. and town of England, in the lale of Wight, on the river of the same name, & m. W. by N. Newport, and 100 m. W.5. W. London. Pop. in 1841, 95. It was anciently called Frankville, and is supposed to have been of some importance previously to its being burnt down by the French in the reign of Richard II. Notwithstanding its decayed condition, it sent 2 mems. to the H. of C. from the 27th Elizabeth down to the Reform Act, by which it was disfranchised.

beth down to the Reform Act, by which it was disfranchised.

NEW YORK, one of the U. States of N. America, and though not the largest, in every other respect the leading State of the Union. It extends between lat. 40° and 49° N., and the 73rd and 80th degs, of W. long. Its shape, exclusive of Long Island, at its S. extremity, is nearly triangular: it has E. Connecticut, Massachusestts and Vermout; N. and N.W. Lower and Upper Canada, being separated from the last by the St. Lawrence and Lakes Ontario and Eric; and S. Pennsylvania, New Jersey, and the Atlantic. Length E. and W., including Long Island, 408 m.; greatest breadth, 310 m.; area estimated at 45,638 sq. m. Pop., in 1840, 2,428,921, in 1845, 2,694,493.

in 1845, 2,604,405.

Physical geography, minerals, &c. — This state may be described as an elevated region with extensive indentations in various parts below its general level. It is traversed by the Alleghandes, here divided into two principal chains, their highest summit, the Round Top, one of the Catakill group, being 3,604 ft. above the tide-level in the Hudson. The most remarkable depressions of the surface are the important valleys of the Hudson and Mohawk rivers, by means of which, and various canals, the basin of the St. Lawrence is at many points placed in communication with the Atlantic. Besides the above rivers, it is watered by the Genessee, Oswego, Oswegatchie, St. Regis, Delaware, and Susquehannah. There are several lakes of considerable size; the principal gatchie, St. Regis, Delaware, and Susquehannah. There are several lakes of considerable size; the principal being those of Champiain, Oneidia, Coyuga, and Seneca. Gneiss and granite are the most abundant primary rocks, and carboniferons slate, greywaché, and limestone the brincipal transition and secondary formations. In the latter, to the S. of Lake Erie, many salt springs exist, and the salt made at Saltna, Geddes, and other places about Omondaga lake, in 1815, amounted to nearly, 2,10,000 bushels, a bushel of salt being obtained from 45 gals. brine. Iron is extremely plentiful in the N. part of the state, where a layer of argillaceous iron ore, yielding from 15 to 30 per cent., extends E. and W. for 200 m. Gypsim is very abundant, and highly useful in agriculture; it is used generally in the proportion of about a ton to 10 or 15 acres. An argillaceous limestone, which makes a valuable cement, lead, marble, and peat,

agriculture; it is used generally in the proportion of about a ton to 10 or 15 acres. An argillaceous limestone, which makes a valuable cement, lead, marble, and peat, are the other their mineral products. Coult has been found, but only in small quantities. In this state there are numerous mineral springs, and Saratoga Springs and Baiston Spa are the most frequented watering places of their kind throughout the Union.

The chmate is very variable; but an estimate of the 5 years from 1836 to 1830 gives 40° Fahr. as the mean annual temp. of the whole state. Storms of thunder and lightning occur frequently in the summer, but the atmosphere is usually dry and serene, and the state is in general very healthy.

The sold in the S. is rather barren, but it improves on proceeding northward. Along the banks of the St. Lawrence, and in the region round the Oncida, it is well adapted for growing corn; upon the whole, however, the rearing of live stock is the most profitable branch of rural industry, and a large portion of the state, especially about its centre, is appropriated to sheep farming. In 1836, 672 3734,882 acres, which the state was supposed to comprise, 9,665,636 were said to be improved and worth 341,385,650 dollars. The principal wheat district commences in the valley of the Biobawk, about one of the state, especially about the acre; but from 40 to 50 bushels are frequently respect, and instances have occurred of upwards of 80 bushels of wheat and 25 of Indian corn; per acre having been harvested. Apples, pears, cherries, &c., succeed admirably well. Indeed, the apples called the of 80 bushels of wheat and 25 of Indian corn per acre-having been harvested. Apples, pears, cherries, &c., succeed admirably well. Indeed, the apples called the Newtown pippins, produced in this state, are infinitely superior to any produced in Europe, and are rather extensively imported into England. Owing to the com-parative facility with which fresh land may be ob-tained, agriculture is in a backward state, though pro-bably it is more advanced in this than in most other states of the Union. Artificial manures are rarely used. In the newly cleared lands, the richness of the mould and of the subsoil is all the farmer requires; he only en-deavours, by clearing away the forest, to bring it forth.

Amid the stumps of his trees he ploughs as he can, not as his judgment might dictate. In farms upon tracts long cleared, some attention is given to the rotation of crops, with a view to the preservation of fertility; but it is not uncommon to find the same field sown with wheat for a series of years, without the intervention of other crops. Heaps of straw, stable manure, ashes, &c., which would elsewhere be deemed treasures, are here regarded only as incumbrances; and the story of the farmer who reared his stables on a high foundation, that he might not be speedily compelled, by the accumulation of manure, to remove them, is scarcely an exaggeration. The appearance of the farm buildings agrees little with the obvious wealth of the country. The original log cabins atill remain upon farms well cleared, well fenced, and under high cultivation; but they are gradually giving way to more commodious buildings, and in some cases to large and beautiful mansions. In the graxing counties the buildings are generally of a better character than in the grain growing districts. (New York Gazetieer, p. 59.) Long Island, and the adjacent co. Westchester, though comparatively unproductive, are more improved and better farmed than most other parts of the state, probably in consequence of their vicinity to the city of New York. Agriculture, however, is every where improving. Agricultural societies are to be found in almost every county, and the state government has contributed large funds for the promotion of their objects, especially in premiums for raising the best crops. In many parts, however, where the soil is inferior, grazing husbandry has been substituted for tillage, especially since the Erie canal has brought the produce of the more fertile counties on the W. of the state into competition with those of the E.

Mr. Suart (Three Years in N. America, I. c. 12.) gives

fertile counties on the W. of the state into competition with those of the E.

Mr. Stuart (Three Years in N. America, i. c. 12.) gives a detailed and instructive account of the agriculture of New York. Land, he says, is almost always in the possession of the proprietors, except in the neighbourhood of the cap, and some of the larger towns. When it is let, it is generally on the metager principle, the landlord providing half the seed, and receiving half the produce; and in the case of pasture farms, half the stock belongs to the proprietor. The various crops raised are much the same as in Britain, with the addition of maize, for which our climate is not well adapted. Wheat is the most valuable crop; and the attention of the farmers seems chiefly directed to the raising enough of malse for home consumption only, and of wheat for sale. A good deal of buckwheat mid rye is grown: but the degree of heat is not favourable (or oats and barley. Potatoes, turnips, and other green crops, are not at all general in large fields, neither are they so well managed as in well cultivated districts in Britain. Maise is sown during the latter half of May in drills from 35 to 4 ft. apart; and is turnipa, and other green crops, are not at all general in large fields, neither are they so well managed as in well cultivated districts in Britain. Maise is sown during the latter half of May in drills from 3½ to 4 ft. apart; and is harvested in October, or sometimes later. The hoeweeding and cleaning of this crop is expensive; the whole work is performed by males, females never working out of doors. From 35 to 40 bushels an acre is considered a good average crop of maise; the same proportion of wheat is, however, considered a very abundant crop; and the average produce in that part of the United States where wheat is grown is said not to exceed 13 bushels, or upwards. Hops are grown, but not extensively. Hay is easily made, the sun in the hay-making season being very powerful; and, like other crops in this state, it is seldom damaged by bad weather. Clover and all sorts of grass-seeds are used, and much more timothy is grown than in any part of Britain; but none of the pastures, except the alluvial land on the banks of rivers, have the beautiful appearance of English meadows; nor are highly-dressed fields any where to be found. Their requisite managemens, by frequent ploughings, rolling, &c., is far too expensive to be attempted. The high price of labour is, in fact, the great obstacle to good agriculture, to the cultivation of green crops, to adequate manuring, &c. A tract of land is usually cleared by cutting or burning down the trees; and for the first few years abundant crops of corn are produced; but as soon as the quantity of grain diminishes, the farmer either lays down his land in grass, and commences aswing on new land in the neighbourhood, or sells his cleared land, and proceeds elsewhere in the first few years abundant crops of corn are produced; but as soon as the quantity of grain diminishes, the farmer either lays down his land in grass, and commences aswing on new land in the continuance of its fertility depends upon the under stratum on which it lies, this quality in the mould, from 6 to 24 in effect of the vegetable matter on the surface of the newly cleared land is exhausted, that the average crops of all kinds of grain (maize excepted) will not, according to

to the prevailing system of management in this state, exceed about a half of their produce on similar soils in Britain. (Sixar's America, 1. 262.)
Implements of husbandry are, upon the whole, well suited to the country; and their prices are not higher than in England. The two-horse plough, driven by the plougiman, is nearly universal, except on rough stony land; and ploughing is well executed. The cradle expthe is in pretty general use, a good workman cutting down an acre of wheat a day. Thrashing-machines are not so common as in Great Britain.

Orchards are very productive. Various sorts of excel-

common as in Great Britain.

Orchards are very productive. Various sorts of excellent applea are grown; but a good deal of cider is made from crab-apples. It is for the most part very inferior to the English, and sold at from 2 to 4 dollars the barrel of 30 wine gallons. Melons and pumpkins are raised for domestic use, and for cattle.

30 wine gallons. Melons and pumpkins are raised for domestic use, and for cattle.

In 1849, the produce of the crops in New York was estimated as follows, vis., wheat 15,500,000 bush., oats 28,000,000 do., barley 4,300,000 do., Indian corn 17,500,000 do., red,4000,000 do., and buckwheat 3,850,000 do. Great exertions are making to improve the breeds of cattle and horses, by importations of the Treeswater cattle, and of stud-horses from England. Mr. Stuart saw no beef coula to the best in a good English market, or to the kyloe of the Scotch islands, when well fed; but none was bad. Beef varies from 28. to 54. per 1b. Dairy products are highly important articles of trade. Milch cows sometimes give 10 or 11 lbs. of butter a week, and perhaps 20 quarts of milk a day. Oxen are much used for ploughing on rough lands, and, like horses, are well trained to their work. The price of ordinary horses is from 167. to 24. Sheep are less attended to than they deserve in a country where the dryness of the weather preserves them from diseases to which they are subject in England. The merinos, and crosses with them, are the breeds generally seen: mutton is of inferior quality. The great extent of the forests favours the breeding of hogs, which are good; and before being tilled are usually fattened with mairs or meal. quality. The great extent of the forests favours the breeding of hogs, which are good; and before being killed, are usually fattened with maize or meal. Turkeys, guinea-fowls, and other poultry, are very numerous and cheap; the price of geese and turkeys, even at New York, is often not above \(\frac{1}{2}\) doll.; while ducks and fowls are about is. each, and eggs I doll. a hundred.

In the N. and S.W. parts of the state much of the country is covered with dense forests, and the principal business of the inhabs. is the getting-in and vending lumber. There is little or no underwood, and in cultivated tracts wherever a sufficient quantity of lead her

lumber. There is little or no underwood, and in cultivated tracts, wherever a sufficient quantity of land has been cleared, the woodland of a farm bears as high a price per acre as the land actually cleared. The trees are sometimes abuve 80 ft. in height. Numerous varieties of oak, the hickory, black walnut, chesnut, plane (Platanus occidentalis), maple, ash, beech, elm, tulip tree (Liriodenation tulipifera), here called poplar, and wild cherry, are ordinary trees, with red cedar, pine, &c. The locust tree, which is not a native of the state, and the cedar, have been extensively planted, for the purpose, especially, of ship-building.

The culture of silk has long been prosecuted, as in other parts of the U. States, but on no extended scale. An acre of full-grown mulberry trees is cetimated to produce 200 doilars' worth of silk.

A hired farm servant gets, upon an average, from 10

produce 200 doilars' worth of silk.

A hired farm servant gets, upon an average, from 10 to 12 dolls. a month, and his board. Day labourers hired for those sorts of farm-work, which are often performed by women in Europe, get about 3-4ths of a doll. a day; or in time of hay-making or harvest, frequently a doll., besides their board, being engaged to work from

a doll., besides their board, being engaged to work from daylight to sunset.

New York is distinguished above every other state in the Union by her extensive internal commensulcations. Of these the principal, formed partly by the navigable river the Hisdoon, and partly by the Erie canal, 3c6 m. in length, from Albany on the Hodson to Buffalo on Lake Erie, unites the city of New York with the great American lakes, and makes her, in fact, the proper port of Upper Canada, and of all the vast and fruitful countries surrounding the lakes. Upper Canada may, indeed, be reached from Europe, by way of New York, in less than half the time in which it can be reached by way of the St. Lawrence and Quebec, and with incomparably less risk.

way of the St. Lawrence and Quebec, and with incomparably less risk.

The Eric canal was begun in 1817, and was opened throughout its whole extent in 1825. Originally it was only 4 ft. deep; but provision was made, in 1835, for increasing its depth to 6 ft. Its first cost amounted to 7,143,789 doils.; and the expense of the enlargement was estimated at about 7 millions more. Buffalo, on Lake Eric, at the termination of the canal, is 636 it. above the level of Albany on the Hudson, where it commences. It is joined by a branch canal with Oswego on Lake Ontario, and by another branch canal with the Susquehannah, and consequently with the Chesapeake. This great work was undertaken at the expense of the state, and has been eminently successful, both in a national and a pecuniary point of view, the tolls, which are very

moderate, amounting to about 3,000,000 dolls. a year. New York has also a direct communication with the basin of the St. Lawrence, by the Champlain canal. The latter, which may be regarded as the N.E. branch ane sator, which may be regarded as the N.E. Danch of the Erie canal, connects the Hudson with Lake Champiain, which is united, by means of the navigable river St. John, or Richelieu, with the St. Lawrence. Another important canal connects the Hudson with the Delaware.

Statement, showing the Aggregate Value of the Pro-perty which came to the Hudson River by all the Canals during the Years 1847, 1848, and 1849:—

	1847.	1848.	1849.
Products of the forest - Agriculture - Manufactures - Merchandise - Other articles -	\$8,798,373 54,694,849 6,024,518 517,594 3,127,080	\$6,994,459 37,336,390 3,834,340 598,619 2,210,623	\$8,044,646 38,053,916 3,899,237 508,048 2,280,473
Total	\$73,092,414	\$50,969,461	252,785,610

But, though of the greatest utility, the rapid increase of pop. and production in the states bordering on the lakes, and the fact that the Erie canal is annually shut lakes, and the fact that the Erie canal is annually shut up for some months by frost, made it most destrable that additional means of communication should be opened with the lake district. And this has happly been effected by the Direct Erie railway, of which \$14 m. were in operation in October last, and which is to reach Lake Erie in May or June next (1951). This railway, which runs through the S. part of the state adjoining Pennsylvania, has already been most successful; and there can be no doubt that, on reaching Lake Erie, it will become one of the most important commercial thoroughfares in America Residues opening a new and easy outset for the

sount that on reaching Lake Erie, it will occome one of the most important commercial thoroughiarce in America. Besides opening a new and easy outlet for the produce of Ohlo, Indiana, Michigan, &c., the presumption is that a large portion of the produce of Upper Canada will find its way to the American, West Indian, and European markets by its means.

Exclusive of this great railway there are a host of others in most parts of the state, the agg. length of those completed in 1848 having amounted to 840½ m. There are, indeed, but few countries so well supplied with railway accommodation. The ordinary roads are not so good as in some other parts of the Union. They are merely formed in a rough way, so as to keep off the water; and after the melting of the snows, or heavy rains, they become almost impeasable: in dry weather they answer their purpose tolerably well; and stage coaches travel over them at the rate of 6 or 7 m. an hour. The roads are made and kept in repair by the work of the inhabs, actually called out. The travelling expenses for turnpikes and bridges are quite trising. (Amer. Almonacc.) 1880—1805; Stwort's America, 1. 373, &c.)

**Manufactures are various and important. In 1835.

**Manufactures are various and important.

called out. The travelling expenses for turnpikes and bridges are quite triding. (**smer.** America, i. 273. &c.)
**Smort's America, i. 273. &c.)
**Memsigatures are various and important. In 1835, there were altogether 7,000 saw and grist mills, 9.65 carding machines, about 110 cotton factories, 230 woollen do., 250 iron works, 240 distilleries, 700 asheries, 400 tanneries, &c., the aggregate value of the manufactured goods was estimated at 66,669,000 doils., of which the raw material is supposed to have amounted to 43,400,300. Flour and sawn timber are included in this estimate among manufactured goods; and amounted, to 43,400,300. Flour and sawn timber are included in this estimate among manufactured goods; and amounted, together, to about 26,000,000 doils. The other articles were comparatively trifling, cotton goods being only valued at 3,030,700 doils., woollens at 2,435,000 do.; nor wares at 4,230,000 do., luquors 3,098,000 do., and leather 5,598,600 do.; but the value of these articles must have nearly doubled or more in the interval.

The commerce of this state is very extensive; as she not only supplies her own wants, and exports her surplus produce, but also imports vast quantities of goods for the consumption of the northern parts of Pennsylvania, Ohio, Michigan, and other western states. Albany, Hudson, Buffalo, Whitehall, and other towns on these canais, are large emporiums. But the principal part of the trade, including nearly all the foreign commerce of the state, centres in New York city (which see).

The Legislature consists of a senate of 22 members, chosen annually. The state is divided into 8 senate districts, each entitled to send 4 senator; and 1-4th part of the smaller, where he has a casting yote. The right of suffrage is enjoyed by every white male citizen above 31 years of age, who has resided for 12 months in the state, and for 6 months in the co. for which he offers to vote; and persons of colour possessed of a clear freehold of the value of 250 dollars. The salary of the governor is

districts; in each of which is a circuit-court, with a judge having a salary of \$,000 doils, a year. There is a civil and criminal court in each co., besides mayors and justices' courts in the towns. The superior courts are a court of chancery, vice-chancellors' court, supreme court, and superior court for the city of New York. The chancellor and superior judges are appointed by the governor and senate, and hold office during approved conduct, or until the age of 60: the inferior judges are appointed by the same authorities for the term of 8 years. The common law of England, though with various modifications, forms the basis of the jurisprudence. There are 2 principal state prisons; at Aubura (which see), and at Sing-sing on the Hudson, about 35 m. above New York. They are both conducted on the same plan; the former, at the end both conducted on the same plan; the former, at the end of 1838, had 616 inmates, and the latter 842.

of 1838, had 616 inmates, and the latter 842.

The principal religious sects are the Presbyterians, Methodists, and Baptists; the Episcopalians and Dutch Reformed are also numerous. The Episcopalians have a theological seminary at New York, the Presbyterians at Auburn, the Baptists at Hamilton, and the Lutherans at Hartwick. In no state is public instruction more fully carried out. There is a school fund, which amounted, in 1849, to 5,378,142 dolls. The produce of which is distributed among the townships on condition of their raising a sum equal to that which they have received from the state. The whole of these sums are expended in payment ing a sum equal to that which they have received from the state. The whole of these sums are expended in payment of teachers' wages; the erection of school-houses, the establishment of libraries, &c. being at the charge of the school districts. The number of children attending school, between 5 and 16 in the various school districts, amounted, in 1848, to 718,123, the total number of pupils being 775,7.2, ex. those in private schools. In each of the 8 senatorial districts, an academy for teachers has been established at the public expense. There are also between 60 and 70 high schools, besides Columbia, Union, Hamilton, and Geneva colleges, and New York university. As an indication of the literary activity that prevails, it may be mentioned that, so far back as 1830, nearly 240 newspapers were published in the state. 16 of which were may be mentioned that, so far back as 1830, nearly 340 newspapers were published in the state. 16 of which were issued daily. Charitable institutions, as lunatic asylums at Utica, Blackwall's Island, Bloomingdale, deaf and dumb, and blind asylums, acc. are numerous. Paupers are supported by a rate on the counties to which they respectively belong, and are under the care of superintendents of the poor. In each co. is a poor-house, to which a farm of about 6,000 acres is attached. In 1836, there were 37 299 natures, the amount expended for their which a farm of about 6,000 acres is attached. In 1836, there were 27,959 paupers, the amount expended for their relief being 396,100 doils.; the average expense of each pauper was 324 doils. a year: the value of the paupers' labour, 39,124 doils. Slavery does not exist in this state; but the Blacks are, notwithstanding, regarded as an inferior and degraded class. The milita consists of 3 divisions of cavalry, 4 of artillery, 3 of rifemen, and 32 of infantry; the whole comprising, in 1850, 261, 452 men. With certain exceptions, all able-bodied, free, white, male citizens between 18 and 45 years of age, are subject to military duty. The total amount of taxable property in the state, in 1849, was estimated at 692,388,171 doils., being 536,624,853 doils, real, and 123,663,318 doils. per being 526,624,853 dolls. real, and 125,663,318 dolls. personal. The county and city taxes during the same year amounted to 5,295,438 dolls. The total debts of the state and city of New York, in 1848, amounted to 23,337,49 dolls. Of this, the canal debt amounted to 18,713,50 dolls., the whole bearing interest at 5 per cent.

dolls., the whole bearing interest at 5 per cent.

Hatory.— This country was first explored in 1609, by
the English navigator, Hudson, then in the service of
the Dutch E. I. Company. It was settled by the Dutch
soon afterwards, under the name of New Netherlands;
but was conquered by the English in 1664, and bestowed
by Charles II, on the Duke of York. On the accession
of the latter, it reverted to the crown. New York susof the latter, it reverted to the crown. New York sus-tained an important part in the revolutionary war: its independence dates from 30th April, 1777. It sends 40 representatives to congress. (New York Gazetteer, 1836; American Almanact, 18:0; Stuart's Three Years in America; Encyc. Americana; Murray's Encyc. of Geg., Amer. edit.; Plint, Pitkin, Darby, 8c., NEW YORK, the largest and most populous

city, principal sea-port, and commercial metropolis of the U. States; cap. of the above state, on the S. extremity of Manhattan Island, near the mouth of the Hudson river, on the coast of the Atlantic; lat. of the City Hall, 40° 42' 43" N., long. 73° 59' 40" W. Pop., in 1845, 371,223. But so rapid has been its increase that in 1850 its pop. amounted to about 518,000; and inc. Brooklyn, Williamsburg, &c., which, in fact, are 700,000, being nearly double that of any other city of the New World.

he following Table shows the Progress of the Popula-tion and Wealth of New York City: __ [See nest col.]

Years.	Population.	Value of Real and Per- sonal Estate.
1800	60,489	24,486,370 dolls.
1810	93,373	69,530,758 —
1890	123,706	69.530.578 —
1825	166,086	101,160,046
1 1830	202,589	125,283,518
1835	270,089	218,723,703 -
1840	312,852	252,843,163 —
1845	371,923	239,938,317 —
1850	517,849	256,217,093

Manhattan Island, which is long and narrow, has S. New York Bay, comprising the esstuary of the Hudson, E. Long Island Sound, and W. the Hudson, all having deep water: on the N. it is bounded by a narrow channel, called Haerlem river, across which are several bridges. The approach to the city by sea is very fine, the ahores of the bay being wooded down to the water's edge, and thickly studded with farms, villages, and country-seats. The view of the city itself from the bay is less prepossessing; for the ground on which it is built, though undulating, being nowhere considerably elevated, but little of it is visible from the water; and it has no very striking object to arrest the eye. It is of a triangular shape, bearing, in this respect, some resemblance to Constantinople. The oldest portion of the city, at the apex or S. extremity of the triangle, has, notwithstanding the important improvements effected of late years, many narrow, crooked, and inconvenient streets; but in all the more modern portions the streets are broad and straight, and generally cross each other at right angles. The present circuit of New York is about 10 m. Broadway, the principal street, is a long and spacious avenue, 80 ft. in width, extending in a straight line through its centre for nearly 3 m.; its upper or more northerly portion being lined with very hand-some houses. This is the favourite promenade; and when the entire plan of the city is completed, it will extend to 8 m. in length. Many of the shops or stores in the Broadway and other principal streets are highly ornamented, and are litted up with plate-glass windows similar to those of London. On one side the Broadway those or London. On one suc the Broadway is an open space, of about 4 (according to Bradford 11) acres planted with trees, and intersected by walks, having the city hall in its centre; and at the S. end of the same great thoroughfare is a vacant space called the Battery, commanding a fine view of the bay, and much resorted to by all classes. Hudson and Washington Squares are the principal squares already finished; but others have been planned in parts of the town that are not yet completed; certainly, however, in constructing the city, too few open spaces have been left for the health and recreation of the inhabs. Mr. Stuart says, "The dwelling-houses in the central parts are, as I was told, as high-priced as in the best squares in Edinburgh. The pavement all over the city is generally good, and the side pavements are broader than in British cities. The outside of the brick buildings is almost always kept painted, which gives them a clean, fresh, and cheerful appearance. The buildings for public institutions, and the churches, seem quite as numerous as in British cities, when the difference of pop. is taken into account. There are about 100 (in 1837, 146) churches. Many of these are large; but there is nothing in their archiare large; but there is nothing in their attention particularly requiring notice. There is no building to bear any thing like a comparison with 8t. Martin's church in London, the front of the Register Office in Edinburgh, or that of the Chamber of Deputies in Paris; but there are churches and public buildings in all tinent) on a bridge of stone, 1,450 ft. in length, those cities of recent erection quite as deficient with 14 arches, each of 80 ft. span, 110 ft. above

in good taste as any in New York. In short, though there be no very fine buildings in this city, there is not much to hurt the eye of the fastidious." (They Years in America, 1. 21— 24.) The new Exchange, built, to replace one burnt down in 1835, of granite in the Grecian style, is the most splendid public building in the city. It cost, inc. the ground, shout 1,800,000 dolls. The Custom-house, of white marble, also a very magnificent building, cost, inc. the ground, 1,175,000 dolls. Previously to the erection of the two last mentioned edifices the citytoo of the two last mentioned edinces the city-hall was the most imposing structure in the city. It is 206 ft. in length, by 105 ft. in depth, and 65 ft. in height, being enclosed within a massive iron ralling. It has a front of white marble, and an interesting collection of portraits, busts, &c. of the presidents and other distinguished citi-sens of the U. States. Near the hall is a near building, formerly a gaol, but at present appro-priated to city offices; and in the rear is a range of brick buildings, now called the New York Institution, and occupied by the Literary and Philosophical Society, the American Academy of the Fine Arts, &c. The building for the "University of the city of New York," in Washington Square, is one of the finest of the public edifices. It is of marble, in the English colle-giate style, 180 ft. in length, by 100 ft. in width. The front is divided into five parts, the chapel being in the centre, with wings, and flanked by towers on either side. The chapel, somewhat similar to King's College, Cambridge, is 55 ft. in width, and 85 ft. in depth. It has octangular turrets, and a window 50 ft. high, and 24 wide. Columbia College, and Astor House, the largest hotel in the Union, built of granite, 200 ft. by 150, and having 390 apartments, are well worth 150, and having 390 apartments, are were reasonable. Trinity Church, founded in 1696, in the Gothic style, with a steeple 198 ft. in height; St. Paul's, with an Ionic portico, and a spire 294 ft. in height; St. John's, on the construction of the tion of which more than 200,000 dollars have been expended; and St. Patrick's R. Cathedral, the largest church in the city, are the best eccle-siastical edifices. The city hotel, 7 stories high, and comprising a large assembly room; 5 theatres; the custom-house, on the model of the Parthenon; the city lyceum, hospital, alms'-house, bridewell, gaol, &c., are among the other principal buildings. There are numerous good principal buildings. There are numerous good hotels and large storehouses.

New York has suffered at different times from

destructive fires, of which the greatest occurred in 1835 and 1845. The latter destroyed about 300 houses and warehouses, with sundry public buildings. These conflagrations have, however, led, as similar visitations have usually done elsewhere, to the improvement of the city. The old wooden houses have been replaced by houses of brick, and the streets have been widened and otherwise improved.

New York formerly laboured under a great ficiency of water. But latterly this deficiency deficiency of water. has been fully supplied by means of the Croton aqueduct, a work worthy of being ranked with the noblest of the old Roman aqueducts. It commences about 40 m. from New York at the Croton river, the waters of which are collected by an immense dam. The aqueduct proceeding thence is arched over and under, being 6 ft. 3 in. wide at bottom, 7 ft. 8 in. at top, and 8 ft. 5 in. in height. It has a descent of 13.3 in. per mile, and discharges 60,000,000 galls. in 94 hours. It crosses the Haerlem river (separating Manhattan Island, on which New York is built, from the con-

tide water. The receiving reservoir has a water surface of 31 acres, and contains 150,000,000 galls; the distributing reservoir covers 4 acres, is 36 ft. deep, and holds 21,000,000 galls. Thence the water is distributed over the city by means of iron pipes, from 6 to 36 in. diameter, extending, in 1849, to the length of 180 m., 2,800 ft. The entire cost has been 10,875,000 dolls. The water was partially introduced into the city 4th July, 1842; but the works were not finished till 1845.

This ample supply of the finest water has made a great improvement in the cleanliness and salubrity of the town, in both of which respects there was, and still is, great room for improvement. Formerly there was hardly a sink or common sewer in the whole city: the night-soil was collected in pits, of which there was one in every house, and being conveyed to the nearest quay, was thrown into the river; but as these quays are made of timber with many projections, a great deal of filth was retained about them, producing in hot weather an abominable stench, and probably, also, originating the yellow fever by which the city is sometimes visited. But in these respects various desirable changes have been and others are in the course of being made. New York inner bay forms one of the finest

harbours in the world : it is about 8 m. in length It may be entered from the ocean by three passages, the Narrows, East River or Long Island Sound, and Staten Island Sound; but the first is at once the best, and by far the most frequented channel. The bar, at the mouth of the outer bay, between Sandy Hook Point and Long Island, has 21 ft. water at ebb tide; and as the water rises about 5 ft., the largest class of ships may enter the bay. Within the bar the water in the outer and inner bays, and in the Hudson, is so deep that ships of the largest burden lie close to the quays, and may proceed to a great distance up the river. The navigation of the bay is but rarely impeded by ice. The great strength of the tide and the vicinity of the ocean keep it generally open, even when the Chesapeake and Delaware bays are frozen over. In the bay near the city are Governor's, Bedlow's, and Ellis's Islands, all strongly fortified; and other fortifi-cations are erected on the adjacent shores guard-ing the approach to the city. The navigation in entering the harbour is extremely easy, and were it not for the risk of vitiating ship insurances, the services of pilots would seldom be required. A light-house is erected on Sandy Hook Point,

the services of pilots would seldom be required. A light-house is erected on Sandy Hook Point, and there are two others, about 300 ft. spart, 4 m. S. by E. the foregoing, and 350 ft. above the level of the sea. A fourth light-house stands on Staten leland, on the left side of the Narrows. Vessels load and unload at the wharfs on both sides of the city, which are continually crowded with shipping.

Means of Internal Communication and Commerce.—The rise of the tide is felt in the Hudson so far as Troy, 60 m. above New York, and large vessels ascend to Alany, a little below Troy, affording the greatest facilities or the transport of produce from and to the interior. These natural advantages are trifling, however, commared with those which have been conferred on New ork by the system of canals and railways with which he is connected. These, as shown in the previous article, we made her the grand emporium of a vast extent of rtile territory, and have given her an extent of intrial navigation inferior only to that enjoyed by New leans, and one or two other cities. She is now, in fact, temerely "the port" of the state of New York, but in a sat me-assure also of Upper Canada, and of the states of ito, Michigan, Indiana, &c. Not only does the Erie all and railway place her in direct communication he here countries bordering on the lakes, but the latter, nog comnected by the Ohio and Wabash canals, it is of ry day occurrence that good lades at New York and t up the Hudson, find their way, without being unpoed, to the emporium on the Mississippi and Misri, and even to New Orleans, and conversely! In con-

sequence of these extraordinary facilities, the trade of New York is extremely extensive; and it will necessarily continue to increase with the rapidly increasing wealth and population of the vast countries of which she is the

New York is extremely extensive; and it will necessarily continues to increase with the rapidly increasing wealth and population of the vast countries of which she is the principal entrepot.

The value of the merchandise annually loaded and unloaded in the port of New York is estimated at from 250 to 320 millions of doltars. The number of vessels in the port in the busy season varies from 700 to 1,200, exclusive of about 180 steamers. The number of arrivals from foreign ports amounted, in 1847, to 3,166, and the coasting arrivals exceed 3,000. The total value of the imports into the United States in the year ending the 30th June, 1848, amounted to 184,998,929 dolls., of which no less than 94,525,141 dolls. were imported into New York! The imports comprise an infailte variety of articles. The principal are cottons, woodlens, linens, hardware and cutlery, earthemware, brase and copper manufactures, salt, &c., from Greet Britain; silk, wine, brandy, &c., from France and Spain; sugar and coffee from the Havannah and Brasil; tea from China; with spices, indigo, cochioesi, dye woods, &c., &c. The value of the exports from New York in the year ending the 30th of June, 1848, amounted to 53,351,157 dolls, being above 1-3d part of the total exports from the United States. The exports principally consist of wheat, flour, corn, rice, and cotton; beef, port, butter, dired fish, and all sorts of provisions; fars, tobacco, coarse cottons, and other manufactured goods, leasher, &c. The great excess of imports into New York over the exports is accounted for by the fact, that while by far the larger portion of the articles of export from the Western states are sent down the Mississippi, to be shipped at the leaves protion of the articles of export from the Western states are sent down the Mississippi, to be shipped at the Version, the greater part of the more valuable articles brought from abroad, and destined for the consumption of the same states, is imported into New York over the exports is accounted to 795,622 tons, being n

alues of the Imports from, and of the Exports to Foreign States from New York in the under-mentioned

		Imports.		
	Dutlable.	. Pres.	. Speede.	Total.
1850	. \$05,350,625	87,800,878	\$10,302,115	\$113,759,618
1849	- 78,343,323	8,024,579	2,813,800	89,425,282
1849	- 82,512,451	8,183,096	1,173,406	91,668,883
1847	- 65,908,582	9,082,713	8,307,380	82,503,425
		Experts.		
	Demestic.	Poreign.	Specie.	Total.
1850	- \$33,227,676	\$5,483,841	86,685,103	\$44,546,610
1849	- 38,166,339	8,503,885	4,739,903	41,460,197
1848	83,437,844	2,693,597	19,098,794	48,360,235
1847	- 43,081,382	2,616,572	905,841	46,543,796

eccunt of the Vessels, with their Tonnaga, Crews, &c., that cleared from New York in the Year ending the 20th June, 1849, distinguishing between Native and Foreign Vessels:

American	:	6,379	1,356,548	56,590
Fereign		8,390	754,514	43,576
Total		9,699	2,148,157	100,096

But very large numbers of small coasting vessels, with steamers and others employed in the inland trade, are

one included in this return.

The following Table (see top of next page) shows the Quantilities of the undermentioned Articles imported into the Port of New York from 1st of January to 31st of December, 1849, Foreign and Coastwise.

New York is the greatest port in the U. States, or in the world, for the arrival of immigrants.

Tetal mumb	er of passengers	who leaded	at the	port of	New	
York, in I	849	•	•	•	•	234,971
	re were chisens	•	•	•	•	13,668
And aliens			•	-		220,603
Of the latter	were natives of	Ireland	•	-		112,591
	**	England	•	•	•	28,321
	,,	Scotland	•	•	•	8,840
		Germany	• .	•	•	85,708
	-	other com	tries	•	•	15,146

We annex a Statement of the Amount of Customs Dutles received at the Port of New York in each of the last Four fiscal Years:—

1950. 1849. 1848. 1847. \$24,487,609 73 \$19,811,334 56 \$20,839,680 60 \$17,542,461 86

Ship-building is prosecuted very extensively at New York. It is estimated that the aggregate burden of the different steam and salling vessels constructed at New York in the course of the present year (1860) will exceed

Articles.	Foreign.	Coastwise.
Brandy haif pipes	14,167	844
gr. cks. and bbls.	23,119	470
Coal tota	62,113	1
Cachineel CEFOODS	858	53
Cocos bags	12,277	1,778
Coffee	538,774	62,301
Cotton - bales		406,103
Duck	389	185
pleces		10,919
Karthenware - cts. and c's		34
Figs - drums, &cc.	56,081	26,915
Gin pipe	3,668	48
Hemp - bales		23,398
tons		5
Hides - bale	126	751
Hides Date		215,742
		1,444
11000) 1000 -	61,307	3,648
plg sheet hown Acc. bundler	375,085	10,305
		549
		173
ceroons	107 700	
Lead - Pigr	167,750	275,439
Molasses - hhds.	51,122	15,164
tres		2,851
ppir		57,546
Olive oli - casks		290
boxes and baskets	50,142	647
Pepper . · bagu	12,769	6,203
Pimento • • -	14,506	4,916
Rags bales		1,603
Raigina - Clark	15,758	266
boxe		7,226
drum	300	5,264
Rice - tres	A	44,873
Rum punchéom		176
Salt - bush	2,035,614	6,588
Saltpetre - bags	9,527	5,968
Sugara hhde.		56,515
tres	1,222	182
bbis.	6,068	15,037
boze	60,882	2,675
bage	72,658	21,280
Tin, banca, &c slab	52,165	1,588
minten - DOZE	202,833	
Tobacco - hhds	3	18,154
his, and seroons	17.469	836
Wines - butts and piper	1,140	22
bhds and ht nos	12,925	485
hhds, and hf. pps. qr. csks.	84,490	1.159
bbla.	8,404	163
hxs.		434
		10,358
Wool bales	1 8,098	1 10,000

The communication of New York with Liverpool, London, Havre, Rio de Janeiro, and those foreign ports with which she has the greatest intercourse, is principally kept up by lines of packet ships, partly sailing vessels and partly steamers. The former, the property on New York merchants, sail at regular intervals; are fitted up with every regard to safety and convenience; and are, probably, the finest and fastest sailing vessels in the world. They vary in size from about 800 to about 1,200 tons. The speed and regularity with which they perform their voyage are quite astonishing.

There belonged, on the 1st of January, 1850, to the state of New York, 185 banks with an agg. capital of 5,541,708 doll.; of which 26 banks, with an agg. capital of 5,541,708 doll.; of which 26 banks, with an agg. cap of 25,439,990 doll., were established in the city. They are being liable only to the amount of their shares. It is needless to dwell on the state of these concerns. Every body knows that the banking system of the United States is a disgrace to a civilized country. It seems, in fact, to have every quality that a banking system should not, and not one that it should, have; and has repeatedly over-spread the country, nowithstanding its innumerable advantages, with bankruptcy and ruin. The New York banks are probably about the best in the Union; but, in common with the others, they have over and over again stopped payments. There is nothing, indeed, so indisponable in America as a thorough and radical reform of the banking institutions of the country; and till they be placed on a totally different footing, those foreigners who invest capital in them may be fairly said to have more wealth than discretion. There are, also, a great many joint-stock insurance companies and other associations in New York. many joint-stock insurance companies and other associa-tions in New York.

tions in New York.

The city is divided into 19 wards, each electing annually an alderman and assistant alderman. These together form the common council, but meet in two chambers, one called the Board of Alderman, and the other the Board of Assistants. The mayor, formerly appointed by the governor and senate of the state, has, since 1834, been appointed by the electors of the city. The council possesses the legislative power in the city, subject to the approbation of the mayor; but in case of his refusal to sauction any ordinance, it may be passed by a majority of the whole number of the members of each board. The courts of the city are—the superior court: court of common pleas; courts of general and of each board. The courts of the city are — the superior court; court of common pleas; courts of general and special sessions; the marine court; a police court, with 5 magistrates; and 7 justices' courts. The university, chartered in 1831, and opened for students in 1832, is subject to the inspection of 21 regents, including the governor and lieutenant-governor of the state, who have

power to inspect all colleges and schools therein; but internally it is governed by a council of \$2 shareholders with the mayor and 4 members of the common council for the time being. It has a chancellor and 11 professors, and affords instruction in all the usual branches of general science. The university course includes a period of four years for the degree of B. A. The price of tuition for the whole course is 184. a year, or for single branches 41. los. each. In 1849, it had 151 students. Columbia College, formerly King's College, established in 1754, has a president, and 8 other professors, about 130 students, a library of 17,000 vols., and an estate valued at upwards of 400,000 dolls. The city has also an episcopal seminary, and various other sectarian high schools; a college of physicians; the American and New York lyceums; an historical and philosophical library, and mercantile library; medical, law, agricultural, horticultural, typographical, musical, and numerous other learned societies, with exensive libraries, and reading-rooms; a chamber of commerce, board of trade, American Institute for domestic ower to inspect all colleges and schools therein; tensive libraries, and reading-rooms; a chamber of com-merce, board of trade, American Institute for domestic industry; and mechanics' institutes, academies of the fine arts and drawing, a repository of arts, &c. Sixty-eight newspapers, of which IR were issued daily, were published in New York in 1840. The New York hospital, into which 3,879 patients were received in 1848, and Bellevue Hospital, are the principal of the numerous institutions for medical relief. There are admirable institutions for medical relief.

which 3,079 patients were received in 1848, and Bellevus Hospital, are the principal of the numerous institutions for medical relief. There are admirable institutions for medical relief. There are admirable institutions for the bilind and the deaf and dumb; a society for the reformation of juvenile delinquents; a fund termed "Long Island Farms," for the provision of destitute children; 4 savings' banks; and a great variety of other useful public institutions. Few, if any, clites have increased in pop, and wealth so rapidly as this. In 1848, the value of the real property within the city was estimated, for the purpose of assessment, at 193,027,576 dolls., and that of the personal property at 61,164,451 dolls., exclusive of property belonging to the corporation, and of the estates and properties of the various churches, schools, and universities. The city debt, in 1839, amounted to 9,352,355 dolls. (Amer. Almanack, 1830.)

The city of Brooklyn, on Long Island, immediately opposite to New York, bears the same relation to the later that Pera and Galata do to Constantinople. It stands on rising ground, and is laid out. like New York, in streets running at right angles to each other. Its pop, which, in 1830, was 18,594, had risen, in 1845, to 59,566. It has a navy-yard, a handsome city-hall, numerous churches, a municipal court, 2 lyceums, an academy, a collegiate institute for young laddes, many good private schools, several banks, insurance companies, and benevelent societies. It has a steam cotton factory, many carding machines, some cloth-finishing works, lead-works, distillerles, rope-walks, morocco-leather factories, &c.; and is a place of considerable trade. Steam-boats ply continually between it and New York, and it is connected by a railroad 12 m. In length with Jamaica, in the interior of Long Island. On Aug. 85, 1776, the British gined a victory over the American forces on Brooklyn heights, which gave New York into their hands; of which city they retained possession till 1733.

New York under the name of N

NIAGARA (RIVER and FALLS OF). The river of Niagara is that portion of the great river St. Lawrence in N. America, that extends between Lakes Erie and Ontario, the level of the former being 334 ft. above that of the latter. The Niagara river issues from the N.E. extremity of Lake Erie, at Black-rock, near Buffalo, where it is 3 m. wide, and runs northward about 35 m., embracing in its course numerous islands, and running over a high ledge of rocks, forms the Great Falls, the most stupendous cataract in the world. On flowing out of the upper lake, the river is almost on a level with its banks; so that any considerable rise of its level would make it lay under water the adjacent flat country of Upper Canada on the W., and of the state of New York on the E. (Hall's America, i. 179.) For 3 m. from Lake Erie it has a rapid current; but it then becomes smooth and placid, and continues so till within a mile of the Fells. 5 m. from Buffalo the river widens, forming

several islands, one of which, called Grand | Island, 12 m. in length, comprises above 17,000 Navy Island, belonging to the British, has an extent of 304 acres : the rest are much smaller. About 2 m. below Navy Island, on the left or Canadian bank, the river receives the Chippawa, which is connected with the Welland canal, the artificial channel of communication between the upper and lower lake. (See ante, 143.) The shores on either side are but thinly settled. Between Buffalo and the Falls, a distance of 21 m., there are only 4 villages, two on either side. A few farm-houses are dispersed bere and there; but, for the most part, the banks are covered with forests. "The river, before raching the falls, is propelled with great ra-pitity; being a mile broad, about 25 ft. deep, and having a descent of 50 ft. in half a mile. An island at the very verge of the cataract divides it into 2 sheets of water: one of these, called the Horse-shoe Fall, on the Canadian side, is 600 yds wide, and 158 ft. in perpendicular depth; the other, called the American Falls, being about 200 yds. in width, and 164 ft. in height. The breadth of the island is about 500 yds. This great sheet of water is precipitated over a ledge of nard limestone in horisontal strata, below which is a somewhat greater thickness of soft shale, which decays and crumbles away more rapidly than the former stratum, so that the calcireous rock forms an overhanging mass, projecting 40 ft. or more above the hollow space below." (Lyell's Geology, i. 261.) The depth of the water is much greater on the Canadian than on the American side; and hence, while the scarcely hidden rocks below the Am rican Fall cause the flood to be broken into foam, the deep green hue of the billows beneath the Horse-shoe Fall is but slightly changed by the crests rising above them. "The finest view of the falls, perhaps, is from the table rock on the Canadian shore, and from the banks a ove it. Another good view is from a boat crossing the river 200 or 300 vds. below the falls, both of which are thus seen to the greatest advantage. The rapids, however, are best seen from Gost Island, to which a very ingeniously constructed and strong rough bridge has been thrown, on the Am rican side, over rapids and great blocks of rock. On the N. side of the island, the rocks, projecting into the river 200 ft. or 300 ft., immediately over the falls, are accessible by a second wooden bridge, below which the water runs with fearful velocity. From the rocks, the view over the precipice and great fall is terrifi, absolutely appalling; although the prodigious volume of the tumbling waters is not so apparent at this spot as from the table rock and the boat." (Stuart's America, i. 140.)

The banks rise from the ravine perpendicu-larly above the river upwards of 180 ft., and hence artificial means are necessary for effecting a descent to the water's edge. Spiral staircases have been constructed both on the Canadian and American sides; besides which, a third was cons'ructed. in 1829, at the lower end of Goat's Island, for the purpose of descending to a l dge actually underneath the fall. By these means the traveller is enabled to view the falling waters in almost every possible direction. " The overwhelming sensations, with which the spectator can hardly fail to be affected, are produced by the immense flood, precipitating at least 100,000,000 tons per minute, as well as by the stupendous mass and overpowering force of the

roaring and falling waters. Every surrounding object, indeed, is viewed with indifference, while Vol. 11.

the mind is wholly absorbed in the contemplation of a spectacle so sublime, surpassing in majesty and grandeur and power all the works of nature that have ever arrested the attention or presented themselves to the imagination. 'To form a faint idea,' said the late Governor Morris, of the great cataract of Niagara, fancy to your-self the Frith of Forth rushing wrashfully down a deep descent, leaping in foam over a perpendicular rock 175 f. high, then flowing away in the semblance of milk, from a vast basin of emerald. You will thus have some notion of the unparalleled, the petrifying influence with which these falls impress the beholder: but, touly, as the poet says, the eye of man must see this miracle to comprehend it, or the feelings it produces." (Stuart, i. 143.) These stupendous falls have attracted and continue to attract a large number of visitors, in consequence of which numerous large hotels have been built on both sides the river. Many private villas have also been erected on the Canadian side. After the river has passed over the falls, its character is immediately and completely changed. The waters, which had expanded at the falls to an entire width of 1,300 yds., including Goat Island, are again contracted after their union into a stream not more than 160 yds. broad; and the river then runs furiously along a deep wall-sided valley, or huge trench, which has been cut by the continued action of the stream during the lapse of ages. The cliffs on both sides are in

lapse of ages. The cliffs on both sides are in most places perpendicular, and the ravine is only perceived on approaching the edge of the precipice. (Hall's North America, i. 195, 196.)

By the continued destruction of the rocks, owing to the eddles and spray rushing against the soft shale strata, the falls have within the last 50 years recoded upwards of 150 ft., or, in other words, the ravine has been prolonged to that extent. Through this deep chasm the Niagara flows with a constantly decreasing velocity for about 7 miles; and then the table-land, which is almost on a level with Lake Brie, suddenly sinks down at Queenstown, and the river emerges into a plain, continuing for 7 miles to Lake Outario. There seems to be no reasonable ground for doubting that the falls were once at Queenstown, or 7 m. below their present position; and that, from the force of the water undermining and waaring away the rock, they have receded from tion; and that, from the force of the water undermining and wearing away the rock, they have receded from Queenstown to where we now find them. This recession is still going on, at the rate of nearly 80 yrards in 40 years; and consequently they seem destined, in process of time, to reach Lake Erie, which, being only about 70 ft. in depth, would thus be completely drained. It is not unlikely, however, that in the long interval that must thus intervene, some convulsion of nature may occur to change the comparative levels of the district. But supposing this not to occur, and that the falls receded Secure to change the comparative even in the district. But supposing this not to occur, and that the falls recede to the lake, the probability is, from the accumulation of mud, and the gradual filling up of the lake that is now going on, that its principal portion will have been previously converted into dry land. (Lyell's Geol., 1. 262—264. ed. 1835.)

NICARAGUA (LAKE OF), the most considerable lake of Central America, comprised within the state of Nicaragua, and extending principally between the 11 h and 12th degs. of N. lat., and the 84th and 86th of W. long., about 12 m. in a direct line from the Pacific, and 90 m. from the Caribbean Sea. It is of an oval shape: length, N. W. to S. E., about 130 m.; average breadth, perhaps, about 40 m. It has numerous creeks and harbours, and several islands. It receives a good many rivers, especially along its N., N.E., and W. sides; its surplus waters are carried to the Caribbean Sea by the Rio San Juan, which issues from its E. extremity, and falls into the Caribbean Sea at San Juan de Nicaragua.

The project for uniting the Atlantic and Pacific Oceans, by means of the river San Juan and of a canal from the Lake of Nicaragua to the

Pacific, has been often mooted; and the country appears to present greater facilities for effecting this great work than any other part of Central America, except the Isthmus of Panama. The river San Juan, about 90 m. in length, is said to have been navigable throughout its entire course for sea-going vessels, till the Spaniards, to protect themselves from the attacks of the buccaneers, sunk vessels loaded with stone in its bed! In consequence of the interruption thus given to the stream, a considerable portion of the water was carried off by a new channel called the Rio Colorado; and the San Juan can no longer be navigated, unless in the rainy season, except by vessels drawing very (Chevalier, L'Isthme de Panama, &c., p. 84.)

The lake itself has deep water throughour, and

is adapted for ships of the largest burden. The distance between its S. W. shore and the Gulph of Papagayo, on the Pacific, is only 29,880 yards, or 154 m.; and though the intervening country be laid down in many maps as mountainous, the greatest actual height of any part of it above the level of the lake is only 19 ft.; at least such is the result given by a series of 347 levels, about 100 yds. apart, taken in 1781. (Thompson's Guatemala, Append. p. 512-520.) The surface of the lake is 128 ft. 3 in. (Engl.) above the level of the Pacific; an ascent which, one should think, might easily be overcome by a succession of locks. The difference in the level of the two oceans, formerly supposed to be so serious an obstacle to the undertaking, is said by Humboldt not to exceed 20. or, at most, 22 ft. (Nouv. Espagne, i. 223., ed. 1825.) At its western extremity, the Lake of Nicaragua is connected by a small river, the Tipitapa, with the Lake of Leon or Managua. The latter, 55 m. in length by nearly 30 in breadth, is, also, said to have deep water throughout. And the plan which appears to be at present preferred is, to make the channel uniting these two lakes navigable, and to excavate a canal from the latter to the port of Realejo on the Pacific. Mr. Squier, late charge d affaires for the U. States at Nicaragua, has published the following statements in regard to this route:

Length of the route by Lake Nicaragua, &c., across the American Continent, from the Atlantic to the Pacific

River San Juan -	-	•		- 90 m.
Lake Nicaragua, necessary	10 be to	aversed	•	- 110 ,,
River Tipitapa	•	•	•	- 18
Lake Managua or Leon From Lake Managua to Res	. •	•	-	- 65 ,,
From Lake Managua to Re-	njejo	•	•	- 40 ,,

Height of the various Lakes to be passed and the Ele-

Above Atlantic.
- 147 ft. 9 in.
- 176 5 Height of Lake Nicaragua Highest point of land to be pas

But great doubts are entertained whether this or any other route by the Lake of Nicaragua can be made practicable for large vessels, that is, for vessels of from 400 to 500 tons and upwards. The river San Juan runs from end to end through a dense and most unhealthy jungle, No labourers are to be had in the country, and it affords nothing for the subsistence of It amords nothing for the subsistence of those that may be imported from a distance; and though, one should think, it would be no very difficult matter to clear it of the obstructions made to oppose the buccancers, others are said to be in the way, of a more formidable character. And after the Lake of Nicaragua has been reached, more than half the difficulties of the undertaking have to be surmounted. And that they may be surmounted, and a navigable channel formed between be surmounted, and a navigable channel formed between the two oceans, is not, perhaps, impracticable; but we are persuaded that it is visionary to imagine that ships of 1,000 or 1,300 tons should ever, as has been stated, get across the Continent by its means; and on whatever scale it may be made, the anticipations of advantage to

NICE.

result from it will, we apprehend, be found to be greatly exaggerated. The project for constructing a canal or railway across the Isthmus of Panama from Chagres to Panama, a distance of less than 26 m., appears to be of a far less doubtful and mere practicable character, and we believe, also, would be infinitely more serviceable. (See Panama, (Isthmus ov)).

On the 19th of April, 1850, the British and American governments entered into a treaty binding themselves to promote the construction of a ship canal between the Caribbean Sea and the Pacific Ocean, by way of the Lake

promote the construction of a ship canal between the Caribbean Sea and the Pacific Ocean, by way of the Lake of Nicaragua; and renouncing at the same time any exclusive right to or control over such canal.

The port of REALESJO, on the Pacific, lat. 13° 34′ N., long. 87° 4′ W., to which it is proposed to bring the canal from Lake Leon, is said to be one of the best that is anywhere to be met with. It is protected by a long narrow island, which forms a natural breakwater. We borrow from a late number of the "Times" the following notice of this harbour, derived from a late resident there:—

"I may confidently say that the port of Realejo is, at least, as good a port as any in the known world. I have seen Portsmouth, Rio de Janeiro, Port Jackson, Talconiana, Callao, and Gunyaquii, and to all these I consider it decidedly superior. It is a salt-water creek, into which several small streams of water empty themselves. The entrance is protected by an island about two miles long, which leaves at each end a channel where shipe can enter the harbour, but extending opposite the mainland, The entrance is protected by an island about two miles long, which leaves at each end a channel where ships can enter the harbour, but extending opposite the mainland, forming the port in such a manner as to protect it entirely from any wind that could possibly blow, and also entirely breaking the swell which enters the outer bay of Couchagua from the ocean. The north entrance is about a quarter of a mile wide, and that at the south of the island when the course when has harmfulled for the course. agua from the ocean and an account of the island rather narrower, both being entirely free from rocks or hidden dangers, and having in no part less than five fathoms depth of water. At one of these openings vessels can at all times enter with a leading wind, from whatever quarter it may blow. The inside consists of a sobbe basin of water, nowhere less than four fathoms deep, with a bottom of mud, where two hundred ships of the line might lie at all times in the most perfect security. One of the branches of the creek extends inland to within three leagues of the Lake of Leon or Managua. The intermediate country is a gentle slope, where undeubtedly should enter one of the ends of the canal to connect the Pacific and Atlantic oceans. The difficulties to be encountered in crossing the chain of hills between the Lake should enter one of the ends of the camas to connect the Pacific and Atlantic oceans. The difficulties to be encountered in crossing the chain of hills between the Lake of Nicaragua and Sun Juan del Sud would be entirely avoided by bringing the canal through the Lake of Leon (connected as it is with that of Nicaragua by a river that might be rendered navigable at a moderate cost 9) into the above-named branch of the Realejo harbour, thus securing the great advantage of an excellent harbour at each end of the canal, besides many others which are cer-tainly not to be met with either at Panama, Teluantepec, or any other place.

e town of Realejo is about two leagues distant from the part of the creek where vessels lie; but there is sufficient depth for small vessels to come within a mile the town, and a very little labour would make it acces-

is sufficient depth for small vessels to come within a mile of the town, and a very little labour would make it accessible to large ships; but an enlightened government would probably prefer moving the town to the opposite side of the reach, where vessels lie, where there is a site extremely suitable for the purpose, and where a quay might easily be erected capable of accommodating any number of ships. In the time of the Spanish Government several vessels, some of 800 to 400 tons, were built at Realejo; where the wood is very superior and durable. "The port of San Juan del Sud, to which place it was proposed to bring the canal, seems inferior to Realejo in most respects. The Gulph of Papagayo, where the port is situated, is very difficult to enter for a sailing vessel for five months in the year."

NICASTRO, a town of the Nespolitan dem., prov. Calabria Ultra II., on the W. side of the Apenuines, 19 m. S. by W. Cosenza. "It is a straggling town of 5,000 inhabs., and the seat of a bishop and a sub-intendant its houses are mean, and all roofed with red tiles. A ruined castle, on a conical hill, rising from analest all these modern buildings, is that in which Henry, the eldest son of the emperor Frederick II., was confined for some time." (Cravex, Town, p. 33.)

NICE (Ital. Nizza, an. Niczes), a city and sea-port of the Sardinian dom. in Italy, cap., div., and prov. of its own name; on the Mediterranean, about 5 m. E. from the bar, the boundary of the French territory, 56 m. S. W. Genoa, and 98 m. S. by W. Turin; lat. 43° 41′ 16° N., long. 70 16′ 37″ E. Pop., in 1838, of the town and canton (ex. garrison), 33.811. It is beautifully situated in a small plain at the foot of the maritime Alps, by which it is protected from the N. and E. winds; while the cool sea-breese, which prevails every day with a regularity almost equal to that of a tropical climate, moderates the "This statement must be received with a great deal of medial-

summer heat. The principal disadvantage of its situation is that, being open on the W., it is exposed, with but little protection, to the influence of the materal, or sent & Bise, which is often keen and piercing. It is encircled by bastioned walls; and has on the E. the steep rocky hill of Monte Albano, surmounted by the rules of an old castle. The view from this hill is very fise, and stun-rise and sun-set the island of Corsica is sometimes clearly distinguished, though it be some 70 or 80 m. distait. The port, which is small and protected by a pier, admits vessels of 300 tons burden, and is visited by the steamers from Marseilles to Genoa. Nice is divided into two parts by the river Paglione, here crossed by a good stone bridge. The old town has narrow and crooked streets, which, however, are kept very clean. The new town to the W. of the river is well laid out and handsome: It has a square surrounded by open areades, and some of the houses near the sea, and as the vicinity, are very superior. The cathedral, several convents, 3 hospitals, the governor's residence, college. The principal disadvantage of its situaopen areades, and some of the houses near the sea, and as the vicinity, are very superior. The cathedral, several convents, 3 hospitals, the governor's residence, college, public library, theatre, and a fine arch erected in honour of Victor Amadeus 1111, are the principal public buildings: it has several bath-establishments, and some good hotels; and Dr. Farr states that the rents of houses and apartments are lower here than in any other place of general resort on the Continent. It has manufactures of silk twist, sund, soap, essences, perfumery, and paper, a fashery of anchovies, and a considerable trade in the export of oil, wine, oranges, hemp, &c., and in the importation of corn from the Black Sea, sait fish, manufactured goods, and colonial produce. It is a bishop's see, and the seat of a royal council, and of the head court of justice for its div.

portation of corn from the Black Sea, salt fish, manufactured goods, and colonial produce. It is a bishop's see, and the seat of a royal council, and of the head court of justice for its div.

Nice, in common with Montpellier, enjoys the reputation of having a peculiarly genial climate, and is accordingly resorted to by numerous invalida, especially from England, during the months of November, December, and Jianuary. Mr. Forsyth says, that when he arrived at Nice on Christmas Day, "a soft and beimy air, oranges growing in every garden, lodgings without a chimney, and beds with mosquito-currians, presented the first signs of Italy." But at other seasons it is less suitable for invalids. In February, the sext de Bisc begins to blow; and it is very trying to persons with delicate constitutions. This explains the singular discrepancies in the accounts of different travellers as to the climate of Nice. Dr. Farr and Sir James Clark, especially the former, give full and satisfactory information as to the climate of Nice, and its surrounding localities, and the classes of invalids most likely to be benefited by a residence in it. A noble road, constructed at a vast expense, leads over the Maritime Alps from Nice to Turin. Another road, begun by Napoleon, but not completed till 1827, leads along the sea coast from Nice to Turin. Another road, begun by Napoleon, but not completed till 1827, leads along the sea coast from Nice to Genoa; and a third road is now about being opened from Lyons to Nice, which will be a shorter and better way of entering Italy than by Mont Cenia.

Nice is said to have been founded by colonists from Marsellies. Under the Romana, it was originally the seat of a naval arsenal; but, under Augustus, the latter was transferred to Frejus. Under the French, it was the cap. of the def Alges-Marsimez. Among the celebrated in lividuals to whom it has given birth, are the painter Vanoo, the astronomer Cassini, and Marshal Massena, one of vapoleon's ablest generals. (See Dr. Ferr's admirable in the first su

Nicobars by the Danes, the British missionaries, &c., in

Nicobars by the Danes, the British missionaries, &c., in the latter half of the last century. NICOLAEFF, a town and river port of European Russia, gov. Kherson, at the confluence of the Ingul with the Bug, about 20 m. above where the latter falls into the astuary or linean of the Dniepr, lat 46° 58′ 21″ N., long, 32° 0′ 21″ E. Pop. 8,500. Nicolaeff was founded in 1790; and was intended to be a great naval depôt, and the station of the Russian feet in the Black Sea. It stands in an elevated, healthy situation, express a larges the station of the Russian fleet in the Black Sea. It stands in an elevated, healthy situation, covers a large extent of ground, and is extremely well built. The streets are wide, and regularly laid out, and the private houses, which are mostly of brick, have a handsome appearance. Among the numerous public buildings may be specified the new church or cathedral, the admiralty, the town-house, the marine barracks, the naval hospita, &c. In the vicinity is an observatory. The admiral commanding the fleet in the Black Sea resides here; and here, also, are the various offices connected with this department of the service, with schools for the instruction of pilots, ship-builders, naval artillery, &c.

partment of the service, with schools for the man partment of the service, with schools for the man of pilots, ship-builders, naval artillery, &c.

Nicolaeff owes its existence to its river, which has its entrance without the bar of the Dniepr, and water sufficiently the service ships but the service ships cient to float large ships up to the town. There are extensive docks and yards for the building of ships; but extensive docks and yards for the building of ships; but the latter are, notwithstanding, mostly constructed at Kherson, being sent thither to be laid up, or, when necessary, repaired. Still, however, Nicolaeff has not, as its founders anticipated, become a large, thriving, town, and latterly, indeed, it has been either stationary or has retrograded. This is ascribable partly to the want of good water*, and the scarcity and high price of fuel caused by there being no timber in its vicinity; partly to its harbour being, though very superior to that of Kherson, decidedly inferior to that of Sevastopol in the Crimea, at which a part of the fleet is now always stationed; and partly, and principally perhaps, to the great advantages enjoyed by Odessa as a commercial em-

Crimea, at which a part of the fleet is now always stationed; and partly, and principally perhaps, to the great advantages enjoyed by Odessa as a commercial emporium. Nicolaeft is, in fact, nearly deserted by all the mercautile class, and depends entirely on the employment afforded by government. (Clarke's Travels, ii. 330. 8vo. ed.; Lyall, i. 201.; Schnitzler, La Russie, &c., p. 723.; Finkerion's Russie, p. 160.)

NICOLAS (ST.), a town of Belgium, prov. E. Flanders, cap. canton, on the high road between Ghent and Antwerp, 19 m. E. N. E. the former, and 12 m. W. S. W. the latter. Pop., in 1845, 20,088. It is well built, and handsome, and its inbabs, generally opulent. It has a fine town-hall, a par. church, in which are some good Flemish paintings, an hospital, 2 orphan asylums, a convect, a prison, and a large market-place, partially planted with trees. It is one of the most flourishing towns of Belgium, and has manufactures of woollen, cotton, and slik fabrics, hats, paper, soap, tobacco, chocolate, &c.; with salt-refineries, tanneries, breweries, dye-houses, and potterics. It has, perhaps, the largest market for flax in Europe, and large annual fairs for cattle and horses. It is the seat of a tribunal of commerce, and sends 1 deputy

Europe, and large annual fairs for cattle and horses. It is the seat of a tribunal of commerce, and sends 1 deputy to the states of the prov.

NICOPOLIS, a town of Turkey in Europe, prov. Bulgaria, cap. sanjack, on the Danube, 100 m. E. by S. Widin. Pop. estimated at 10,000. It has an imposing appearance, being situated on a range of bills above a bay of the river, and surrounded by strong ramparts mounted with cannon. It is further defended by an ancient castle, and his several suburbs, in which the Greek and Bulgarian inhabs, principally reside. Generally it is ill built, but has some large houses, and several handsome mosques and public baths. It is the want of a Greek archishop and a R. Cath, bishop: its position on the Danube gives it some commercial importance; it is, Greek archbishop and a R. Cath. bishop: its position on the Danube gives it some commercial importance; it is, however, said to be in a state of decay. (Elitoit's Trace, I. 178.) Nicopolis was founded by Trajan, and some portions of its ancient walls are said still to exist. But it is chiefly memorable, at least in modern times, for the great battle fought in its vicinity, on the 28th of September, 1396, between the Ottoman army under Bajazet, and that of the Hungarions and their allies under their blue Solignumd. The latter sustained a complete defeat and that it the thought in an another since under their king Siginmund. The latter sustained a complete defeat, ascribable as much to the rashness and presumption of the Count de Nevers and other French leaders, as to the bravery and superior discipline of the Turks. (Gibbon,

bravery and superior discipline of the Turks. (Gibbon, cap. 64.)
NICOSIA (an. Tremitus F), the principal city of the Island of Cyprus, near ks centre, on the small river Pedia; lat. 350 13 'll' N., long. 330' 26' 45'' E. Pop., according to Turner, about 17,500, of whom about 2-3ds are Turks. It stands in a low fertile plain, near the S. foot of a range of high mountains, and is surrounded by walls in the shape of a hexagon, flanked by 13 bastloms. The ground of the enclosure is very unequal, being in some parts elevated to the height of the walls, and in

* Dr. Lyall says that this deficiency has been supplied by the construction of a reservoir, the existence of which has, however, been coulside, from its not having been mentioned by the Latter, and Dr. Pinkerion. But it may have been overlooked by the latter, or any not have sofficiently answered the purpose for which it was intended.

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others forming a deep valley. The streets are in general not more than 10 and 15 ft. in breadth; and, being unnot more than 10 and 15 ft. In breadth; and, being unpaved, are always filthy, and, in winter, almost impassable. Having been the residence of the principal Venetian families during the period that the island was subject to Venice, it has many fine houses, which are now, however, mostly in ruins; and at present it consists principally of brick and mud huts. The bazars, though tolerably well supplied, is not even arched, but roofed with reeds and mats, which admit the rain in all directions. Most houses have gardens, which abound with olive, lemon, and pomegranate-trees; and hence the first view of the city is very pleasing, from the contrast between the foliage and the dark mountains to the N. There are mosques, all of which were once churches, the principal lemon, and pomegranate-trees; and hence the first view of the city is very pleasing, from the contrast between the foliage and the dark mountains to the N. There are a mosques, all of which were once churches, the principal having been the cathedral church of St. Sophia, built by the Venetians; it is in the Gothic style, of an oblong shape, with a pentagonal projection at the end opposite the entrance, for the reception of the altar. The interior is laid out in three aisies, divided by clumsy whitewashed Corinthian columns. On the two beliries the Turks have erected two high and handsome minarets. There are still 6 Greek churches, and I Roman Catholic, and several Greek convents. The city has also 4 public baths, and a large, but ruined caravanseral. It has some manufactures of carpets, printed cottons, and red morocco leather, and exports wine and cotton.

Nicosia is supposed to occupy the site of the ancient Trimitus, or Trimithus, mentioned as a place of some note by the Bysantine historians. When Richard I. of England took Cyprus in 1191, and conferred it on Guy de Lusignan, it was made the cap. of the new kingdom, and greatly enlarged. It fell, in 1480, to the Venetians, who built the present walls, and several churches and handsome palaces; and who held it, with the island, till 1571, when it was taken from them by the Turks, under whose brutal and destructive sway it has since continued. (Turner's Levant, it. 544—547.; Kimeir's Asia Minor, 172. 189.; Drummwond's Tyarels, &c.)

Nicosia, a city of Sicily, intend. Catania, district of its own name, on two hills, 14 m. N.E. Castrogovanni. Pop., in 1831, 18,151. Like other towns in the interior of the island, it is remarkable for nothing but the number of its churches and convents. It has few manufactures, and hardly any export trade, but a considerable traffic in the corn and cattle of the surrounding country, which is very fertile. Its situation is such as to afford a strong military position; and of second to the corn of the corn of the corn of the corn of

very fertile. Its situation is such as to afford a strong military position; and it is supposed to be the ancient Herbita, founded in the earliest period of Sicilian history.

NIEVRE, a dep. of France, reg. centre, nearly co-extensive with the old prov. of Nivernais, between lat. 469 40° and 470° 36° N., and the 3d and 4th degs. of E. long.; having N. Youne, R. Côte d'Or and Saône-et-Loire, S. the latter and Allier, and W. Cher. Area 631,093 hectares. Pop (1846), 322,362. A mountain chain runs from S.E. to N.W. through its centre, dividing the basin of the Loire from that of the Seine; enculuinating point of the chain in this dep. being 2,000 ft. above the sea. The Loire and Allier bound Nièvre on the W.: the other principal river is the Yonne. The Loire and Yonne are united by the Canad Vonne, for a distance of above 100 m; but the work is not yet completed. The Nièvre, whence the dep. has its name, flows through the Weyn, and, after a course of about 26 m., generally southward, joins the Loire at Nièvres. It turns many mills, but is navigable only for rafts or small boats. The soil is not, in general, very fertile. In 1834, 295, 261 hectares were estimated to be in cultivation, 67,396 in meadows, 9,000 in vincyards, 3,007 in orchards and gardens, and 239,561 in woods. In 1835, 68,369 were assessed at less than 5 fr., and 13,995 at from 5 to 10 fr. The fertile portions of the surface are comparatively well cultivated, and sufficient corn is produced for home consumption. The annual produce, in wine, is estimated at about 260,000 hectolitres; of which the white whites of Poully are the best. Its out due corps dus spiritseeus, us leger parfum de pierre à fusil, et us gout fort agreable; its ne sont pas sujeis d justile, et use gout fort agreable; its ne sont pas sujeis d justile, et use gout fort agreable; its ne sont pas sujeis d justile, et use gout fort agreable; its ne sont pas sujeis d justile, et conserved asset clong-temps leur douceur. (Jullien, et conserved asset long-temps leur douceur. (Jullien, et co

enware, especially at Nevers, linen and woollen cloths, and musical strings, are among the principal goods manufactured. Nièvre is divided into 4 arronds.: chief towns, Nevers the cap., Chitoau Chinon, Clamery, and Cosne. It sends 4 mems. to the Chamber of Dep. Number of electors (1838-39), 1,279. Total public revenue (1831, 6,256,756 fr. (Hugo, art. Nièrre; Preach Official Tables.)

NIGER, JOLIBA, or QUORRA, a celebrated river of Central Africa, having its remote sources near the extreme W. coast of the continent, in the country of the Mandingoes, in about 89 N. lat., and 69 W. long. It

or Central Airics, naving its remote sources near the extreme W. coast of the continent, in the country of the Mandingoes, in about 8° N. lat., and 6° W. long. It thence pursues a course N.W. and N. to the 10th deg. of lat., and then follows a general N.E. course to Cimbuctoo, below which it turns S.B., and afterwards S. and S.W., to its mouth, in the Gulph of Benio. Supposed length about 2,300 m. The upper part of the Niger, called by the natives the Joliba, was first discovered in modern times by Mungo Park, who was sent out in 1795 by the African Association: he describes it at Sego, the cap. of Bambarra, as "glittering in the morning sun, broad as the Thames at Westminster, and flowing slowly to the eastward." (Travels, p. 290.) He succeeded in ascending it as far as Bammakoo, 360 m. above Sego, the cap. of Bambarra. From Cabra he sailed down the stream to Bousas, where, unfortunately, he was killed by the natives. Major Laing concluded, from information obtained in the neighbourhood, that the sources of the river were on the N. unfortunately, he was killed by the natives. Major Laing concluded, from information obtained in the neighbourhood, that the sources of the river were on the N. side of the mountains of Kong, at a height of 1,500 R. above the sea, in lat. 8° 20' N., and long. 9° 10' W.; but Mr. Macqueen conjectures that the Alimar, its principal source, rises farther to the E. than Laing supposed. Lander, the servant of Captain Clapperton (who was murchered near Saccatoo), salled from Boussa, with the stream, to the mouth of the river, previously called the Nun, in the Bight of Benin; and thus finally identified the Niger and the Quorra, and put an end to all the doubts and theories that previously existed as to the course and termination of the former. It hence appears that the length of the Niger, measured along its banks, exceeds 2,300 m.; and it is probable that its basin is nearly, if not quite, as extensive as that of the Nile. According to Caillié, it is navigable for large canoes within 100 m. of its source: for 200 m. below that point it has not been navigated by Europeans; but from Bammakoo to Timbuctoo it has been pretty accurately laid down, both by Mungo Park and Caillié. The river valley is here of considerable width, fertile, and comprising numerous towns and villages on either bank. The current of the river is not strong; and both travellers saw fotillas of canoes of 60 tons and upwards frequently passing up and down the river, which in the rainy season is flooded on both banks to a considerable distance. (Caillié, ii. 34.) In about lat. 16° N., the stream expands, forming a lake, called Debo, which measures about 10 m. from N. to 8, is from 12 to 15 ft. deep, calm, transparent, and surrounded by extensive marshes. (Caillié, ii. 30.) Hence to called Debo, which measures about 10 m. from N. to S., is from 12 to 15 ft. deep, calm, transparent, and surrounded by extensive marshes. (Caillié, ii. 20.) Hence to Timbuctoo the valley becomes still wider; the pasturage of cattle, the tillage of rice, millet, maize, &c., are extensively pursued, and along the banks are numerous villages, which export rural produce. In lat. 17° 30' N. and long. 30 10' W., the river bifurcates, and on the N. and narrower branch is Cabra, the port of Timbuctoo: these branches, however, seem to unite a few miles lover down. It has been already observed that the course of the river below Timbuctoo was traversed by Mungo Park as far down as Boussa; but, as that traveller was killed there, and his papers were lost, we know nothing of this there, and his papers were lost, we know nothing of this portion of the river, except that it is navigable for vessels

there, and his papers were lost, we know nothing of this portion of the river, except that it is navigable for vessels of considerable size.

The highest point of what may be called the lower Niger hitherto visited by Europeans is the neighbourhood of Yaūri (lat. 11° 20′ N. and 5° E.), which point Lander reached in 1830. Here the river leaves the great plain of Soudan, and enters the deflies of a mountain range crossing this part of Africa from E. to W., and probably connected, on one side, with the Diebel-elkumri, and on the other with the mountains of Kong. The direction of the stream from Yaūri, for about 150 m., is nearly due S.; but it is full of rocks, sand-banks, &c., and wholly unnavigable, except at the time of the rains, and immediately after. Below Boussa, the banks on both sides are generally high and rocky; cultivated plains intervene in many places between the river and the mountains, but in others the offsets come close down to the water's edge. From Boussa downwards, the Niger is navigable for moderate-sized vessels; and in lat. 6° N., a little below Atta, it leaves the hilly country, and enters an alluvial plain, the lower part of which is an unhealthy swamp covered with jungle: many branches here diverge from the main stream, and at the mouth is an extensive delta, which, however, is, as yet, very imperfectly known. At Atta, the river is about 2 m. wide; and near Rabba, in lat. 8° 40°, it attains a width of 5 m.; but its breadth, close to the mouth, is somewhat leas than a mile. The tide is said to extend within about 38°

Atta, or about 120 m. from the sea. The only of the Niger hitherto explored is the Chadda, joins it on the left bank in lat. 7° 5% N., 32 m. atta. Captain Allern and Mr. Laird salled about up this trib., and inform un that it is guite equal h, though not in depth, to the parent river. It my shoals and sand-banks. It has been conjectant this river has its source in the great lake of discovered by Messrs. Clapperton and Denham; more probable opinion seems to be, that it has rees on the N. declivity of the Gebel el Kumri, perhaps, from the sources of the Bahr-elrees on the N. declivity of the Gebei el Kumri, perhaps, from the sources of the Bahr-eior W. arm of the Nile. The only other known ies of the lower Niger are the Saccatoo, Mayand Coodoonia, ail joining it on the left or E. the former of these was discovered by Clapand from the course which it pursues, it may be the same river that joins the Niger near (See Arrowsmith's new map of Negroland.) ivers Sow from a range of mountains, running hrough Houssa, and forming the watershed behe tributaries of Lake Tchad and the Niger. e article Afraica (Vol. I. 40.), we have given at account of the successive modern expeditions ve been fitted out for the purpose of exploring rase of this river, so long involved in doubt and ty; and though much still remains to be accomits general course and leading features have been ell ascertained. This, however, has not been

rell ascertained. This, however, has not been ithout a great sacrifice of human life. The inthe countries in the lower part of its course are the most degraded in the scale of human beings: the most degraded in the scale of human beings: e.trade is extensively carried on; and wars being ally waged between the different tribes, travellers used to the greatest dangers. (Ritter's Africa, B.110, too on the Same Trade, pp. 41, 42). The climate, attremely unhealthy, so much so that out of 40 per, only 11 survived. Three steamers, well fitted he purpose, have recently been despatched (June this river, by government, with full powers to mmercial treaties with the natives, and to concert a for the extinction of the slave trade. But did a for the extinction of the slave trade. But did

is for the extinction of the laye rade. But did to permit, it might be easily shown that there are all grounds on which to anticipate any consider-cess from this expedition, and that the bar-of Africa seems to depend on natural and irro-e causes. (Caillié's Travels in Central Africa, ii. 47—173.; Jouand's Remarks; Ritter's Africa, ii. 47—173.; S. Esped. 3 vols.; Geog. Journal, vols. ii. and aird and Oidfield's Esped. sixto Africa, &c.) story of the Niger is involved in extreme obscurity, us was informed by the Greeks of Cyrene, that, terior of the African continent, a city bad been us was informed by the Greeks of Cyrene, that, terior of the African continent, a city had been by some Nasamon travellers, which was inhabited ses, and stood on the banks of a river containing st, and flowing from the W. eastward (áre iere siane sixenialares, il. 32.), which he conjecte the Nile. Now, as the Bahr-el-Abiad, or W. the Nile, flows from W. to E., and is certainly ely to have been reached by the Nasamons than er, the conjecture of the reportable father of cely to have been reached by the Nasamons than er, the conjecture of the venerable father of that the river which they encountered was, in Nile, seems to be more consistent with proban that of D'Anville, Rennell, and other learned, who suppose that the city visited by the Nasas Timbuctoo, and the river the Joilba of Mungo The latter theory has, however, so far prevailed, name Niger is that which is now usually given to r discovered and explored by Park and Lander. In Niger, or Nigris, is first used by Pliny (Nas. 1.—9.). from whose somewhat confused account appear that there were supposed to be two rivers ame, one in Mauritania. S. of the great chain of and the other in Ethiopia, thus briefly demapping thesis cadem natura que Nilo: calapapprum et casalem giguit amimantes, iisdemque sausgeacti." He seems, also, to have conceived Niger and Nile were united, and that there was rater-system, having many branches, in the inrater-system, having many branches, in the in-Africa. The poet Claudian also entertained the similar connexion:—

Gir notissimus amnis opum, simili mentitus gurgite Nilum.

furnishes a somewhat more detailed account river, and assumes that there are two separams in the interior of Africa, both having anches (isrgewal), and connected with lakes; most eastward he terms the Gir (Nig), that to being the Night (Nigue), communicating with Libye, which may, perhaps, be identical with Tchad, discovered by Denham and Clapperton. says nothing, however, respecting the course of though he seems to have been of opinion that s were absorbed in lakes, or lost by evaporation. ibulfeda, and other Arabian geographers, con-

ceived that the Niger (by them called Nii-t-Abla, "Ni.
gris Nileo") flowed westward, discharging its waters
either into the Atlantic or some lake of the interior;
and they represented it as rising from the same source
as the Nile, and identified with it in the upper part of its
course: this, indeed, is the opinion still maintained by
the natives; and it is far from improbable that some of
the afficients of the W. Nile may be connected, during
the period of the inundation, with some of the afficients
of the Nirer. Such in a few words seem to be the lective the affluents of the W. Nile may be connected, during the period of the inundation, with some of the affluents of the Niger. Such, in a few words, seem to be the leading statements of the more celebrated of the old geographers respecting the Niger. It is doubtful, perhaps, whether the Greek and Roman writers really possessed any authentic mformation as to the rivers and lakes 8. of the Great Desert; and, at all events, the statements now referred to, if they really apply to that part of the continent, are at once extremely limited and extremely wague. That the caravans, which appear from a very remote period to have maintained an intercourse between the countries to the N. and those to the S. of the Great Desert, should have fallen in with and had some knowledge of the Jolius, is far from improbable; and, perhaps, had any remains of the literature of Carthage come down to our times, they might have thrown considerable light on the question as to its identity with the Niger: but, with our existing means of information, it would appear, nowlithstanding the learning and ingenuity that have been brought to its investigation, to be all but insoluble. The notices of the ancients are too obscure to admit of any certain inferences being deduced from them; and supposing (against the opinion of the learned Barron Valcknaer, Recherches sur P. Afrique, 400.) that the Niger is to looked for to the S. of the Great Desert, the Bahr-el-Abiad, or western arm of the Nile, the Yeo, and other considerable rivers falling into the lake Tchad, correspond quite as well with their statements as the Joliba.

NIJAR, a town of Spain, in Andilusia, prov. Granada, 15 m. E. N. E. Almeria, and 78 m. E. S. E. Granada, Pop., according to Minano, 3,792. It has 2 par. churches: its chief branch of industry is the manufacture of horse-cloths.

NIJIR begy HAZA, a large market town of Hungary,

Fop., according to Minano, 3,792. It has 2 par. churches; its chief branch of industry is the manufacture of horse-cloths.

NIJIR.EGYHAZA, a large market town of Hungary, co. Stabolcs, 28 m. N. Debreczin. Pop. 15,640, principally Protestants. It has a subjecter refinery; but by far the greater part of its inhabs, are agriculturists.

NIJNII.NO VGOROD, vulgarly Niggorod, that is, Lower Novgorod, a government in the central part of European Russia, on both sides the Wolga, between lat. 54° 26° and 57° 6° N., long. 41° 40° and 46° 38° E., having N. the government of Kostroma, E. Kasan and Simbirak, S. Penza and Tamboff, and W. Vladimir; area, 18,740 aq. m. Pop. (1846), 1,178,200. Surface flat or gently undulating; the soil, which consists principally of sand and black friable mould, is exceedingly fertile; and being (for Russia) well cultivated, this is one of the most productive provinces of the empire. Exclusive of the Wolga, Everal of its affluents, including the Oka, Betlouga, Plana, &c., traverse different parts of the government, which is well watered, at the same time that it is not marshy. There are some very large forests, those of the crown amounting to about 1,260,000 deciatines. The produce of the corn crops considerably exceeds the conproduce of the corn crops considerably exceeds the con-sumption. Hemp and flax are very extensively culti-vated. Great numbers of cattle and horses are bred; and government is taking the most effectual measures to improve the latter. This is a considerable manufac-turing, as well as a rich agricultural district. Coarse turing, as well as a rich agricultural district. Cooling linen, canvass, and cordage, are the principal manufac-tured products; there are, also, some iron-works, with numerous distilleries and tanneries, soap-works, glassnumerous distilleries and tanneries, soap-works, glass-works, &c. Commerce extensive and growing. The exports consist of corn and flour, cattle, horses, leather and tallow; the manufactured articles specified above, with iron, timber, potash, mats, glass, &c.
NIJNII NOVORODO, NUISCOROD, or NIJNII, the cap. of the above government, in the angle formed by the confluence of the Oka with the Wolga, tat. 559 194 40° N., long. 44° 30° E. Stationary pop., 25,000. It stands navive no a seen hill shoult 400 for hadest the accumulation.

deence of the Oka with the Wolga; lat. 56° 19° 40° N., long. 44° 28° 30° E. Stationary pop., 25,000. It stands partly on a steep hill, about 400 ft. in height, the summit of which is occupied by the Kremiin or citadel, and partly on the low ground along the sides of the rivers. The citadel, from the ramparts of which there is a noble view of the Wolga, Oka, and surrounding country, contains the government offices, two cathedrals, built after the model of that of Moscow; an obeliak 75 ft. in height, erected in honour of the deliverers of their country, the patriotic citizen, Minin, and Prince Pojarski; and other public buildings. The upper part of the town has several good street; and being ornamented by numerous churches, placed in conspicuous situations, has an important of the country of a very long street, bordering the Wolga. With the exception of the principal public buildings, and a few private houses, the rest of the city is constructed of wood. private houses, the rest of the city is constructed of wood, Among the establishments are 3 convents, a bassar, a gymnasium, and 4 primary schools, an eccledastical seminary, and a large military school. The town is

antient, having been founded in 1222. The Kremlin was surrounded by strong walls and towers in 1508.

A bridge of pontoons leads across the Oka to the splendid new bassars erected on the left bank of that river for the exhibition and sale of merchandise brought to the fair. These, which are divided into parallel rows or streets, are constructed of stone, roofed with iron, having covered galleries in front, supported by 8,000 iron pillars. They are built on piles, and to guard against the danger of inundation, the ground on which they stand was raised about 20 ft. Being enclosed on 3 sides by canals, and on the 4th by a navigable inlet of the Oka, there is every facility for the delivery and shipment of merchandise. The establishment is of very great extent, comprising above 2,500 booths; and is admitted on all hands to be at once the largest and most perfect of its kind that is any where to be met with. Including the church, dedicated to St. Macarius, the patron of the fair; it is said to have cost in all about 11,000,000 roubles.

Nijnii Novgorod has various manufactures, but it owes its great importance almost entirely to its commerce. It is the grand entrepot for the trade of the interior of the more and has in first a great or commerce.

church, dedicated to St. Macarius, the patron of the fair, it is said to have cost in all about 11,000,000 roubles.

Nijnii Novgorod has various manufactures, but it owes its great importance almost entirely to its commerce. It is the grand entrepot for the trade of the interior of the empire, and has, in fact, a greater command of internavigation than any other city of the old world. Besides the corn, cattle, and other products of the surrounding country, the Kama, the principal affluent of the Wolga, conveys to Nijnii the sait of Perm; the gold, silver, copper, and other metallic treasures of the Ourai mountains; the furs, &c., of Sibaria; and even the teas of central Asia, and the fish, cavlar, &c., of Southern Russia, come up the river from Astrakhan; while the manufactured goods of England and Western Europe, the wines of France, the cotton of America, and the sugar of Brazil, are conveyed to her from Petersburg and Archangel, with both of which, as well as Moscow, she is connected by navigable rivers and canals. These advantages, joined to her situation in a fertile country in the entre of the monarchy, were so highly appreciated by Peter the Great, that it is said he at one time intended to have made Nijnii the capital of his empire; and it is, perhaps, to be regretted that he did not carry this project into effect.

Latterly the commercial importance of Nijnii has been vastly increased. Previously to 1817, the great fair, now

into effect.

Latterly the commercial importance of Nijnii has been vastly increased. Previously to 1817, the great fair, now held here, was held, in a less convenient attuation, at Makarieff, lower down the Woiga. But the buildings for the accommodation of the merchants at Makarieff having been accidentally burnt down in 1816, government took advantage of the circumstance to remove the fair to Nijnii. It begins on the lat of July, and continues for a month or six weeks, and is well known, not only over all Russia, but over most other countries of Europe and Asia. It is carried on within the basaars already noticed, which were constructed by government for the accommodation. which were constructed by government for the accommodation of the traders, to whom they are let at moderate rents. The produce disposed of is classified as follows. rents. The produce disposed of is classified as follows, vis. 1st, Russian produce, raw and manufactured: 2d. Merchandise from the rest of Europe, consisting principally of manufactured and colonial products; and, 2d, Products of China, Bokhara, the Kirghiese, and other Asiatic nations. The estimated value of the produce belonging to each of these classes, exposed to sale in 1837, 1832, and 1839, has been as under:

1	Pirst Class.	Second Class.	Third Class.	Totals.	
1827 1832 1839	Roubles, 67,000,000 89,500,000	Roubles. 16,000,000 17,000,000		Roubles. 105,000,000 123,200,000 160,597,000	

In 1830, Russia sent to the fair silk goods valued at 8,000,000 roubles; hides, tanned and raw, 3,000,000 r.; dry and salted fish, 1,600,000 r.; cotton stuffs and yar, 1,9000,000 r.; woollen stuffs, 500,000 r.; furs and pelirles, 8,000,000 r.; woollen stuffs, 500,000 r.; furs and pelirles, 8,000,000 r.; and 2,000,000 poods iron. During the same year there were sent to the fair by foreigners, woollens of the value of 2,300,000 r.; 32,858 boxes of tes; 305,570 lbs. of silk, &c. Every sort of article is to be found in one or other of the different bassars. In 1839, the cottons exposed to sale were valued at 28,544,000 r.; and the metals and metallic goods at 22,390,000 r. The concourse of strangers during the fair is quite immense; so much so, that the population is then increased, according to the lowest estimates, by from 150,000 to 300,000 individuals. Here are seen dealers from indis, China, Tartary, Bokhara, Persia, Circassia, Armenia, and Turkey; and from Italy, Poland, Germany, France, England, and even America. Amusement as well as business is attended to: theatrical representations, shows of wild beasts, and other Bartholomew-fair diversions, being got up for the entertainment of the multitude. (Schwiszier, La Russie, &c., 114—120.; Lgull, il. 329—380.; Possari, &c., Das Europaische Russiende, 592, &c., In 1830, Russia sent to the fair silk goods valued at

Light, ii. 623—200.; f. coests, qc., less Entiques en conscient, 559., &c.)
NiKOLSBURG, a town of Moravia, circ. Brünn, from which city it is 38 m. S. Pop. about 8,500, a third part of whom are Jews. It has a fine castle and grounds

bullus.

Nile pater, quanam te possum dicere cau Aut quibus in terris occubulese capute

As quibis in seris occubalese caput, being nearly as applicable now as in his time.

The Nile is formed by the junction, at 15° 34′ N. latand 32° 30′ 86″ R. long, of two great arms, the Bahracl-Asrek, (the Astapus of the ancients), or Blue river, from the S.E., and the Bahracl-Ablad, or White river, from the S. W. The sources of the former, which derives its name from the dark colour of its water, were discovered and described by Paez in 1618, and were subsequently visited by Bruce, who ridiculously pretended to have, for the first time, ascertained the true sources of the Nile, and thus solved a problem that had for ages occupied the attention of the learned world!

This E. branch rises from two fountains near Geesh in Gojam. In Abyssinia, at an elevation of about 10,000 ft. sources of the Nile, and thus solved a problem that had for rages occupied the attention of the learned world! This E. branch rises from two fountains near Geesh in Gojam, in Abyssinia, at an elevation of about 10,000 ft. above the level of the sea, in lat. 10° 59° 25" N., long. 36° 55° 30" E. It thence flows N. to the lake of Dembea, or Trana, a large sheet of water which receives many other streams 1 but the Nile is said to preserve its waters with little intermixture with those of the lake, across which its current is always visible. Escaping from this lake it sweeps, in a southerly direction, round the E. frontier of the provinces of Gojam and Damot, till, between the 9th and 10th deg. N. lat., it takes a N.W. direction, which it preserves till, at Khartoom, it unites with the other great arm, the Bahr-el-Ablad, flowing from the S.W. The Bahr-el-Azrek receives in its course several important tributaries, and is in several parts interrupted by cataracts, one series of which has a fall of 280 ft. At the point of junction with the other great arm, it is about \(\frac{1}{2} \) m. in breadth, and has a rapid current; but, during half the year, its waters are low.

The W. arm, Bahr-el-Ablad, or White River, derives its name from the fine whitiah clay usually suspended in, and colouring its waters. It is broader and deeper than the E. arm, brings down a larger volume of water, and appears to have been regarded in antiquity as the true Nile. (Herod. ii. caps. 30, 31.; Memoire & D'Ansille; Mémoires de l'Académie der Inscriptions, &c. xxvi. 46.) If, however, the derivation of the name previously given be correct, the Bahr-el-Asrek would seem to have the best right to be considered the genuine Nile, inasmuch as it carries down the greater portion of this mad whence its name has been derived, and the deposits of which have, in the lapse of ages, formed the land of betty the lange of ages, formed the land of which have, in the lapse of ages, formed the land of betty the lange of ages, formed the land of betty the lange

Nec Scuit norally pervum to, Nile, viden

Nec licuit populis parvum te, Nile, videre, its course was traced, in 1827, by Linant, for about 160 m. from its confluence with the Bahr-el-Arrek. (Grog. Journal, ii. 171—187.) And a party sent by the pacha of Egypt on a slaving expedition have since traced it to a much greater distance, or to a point supposed by Col. Leake to be in about the 10th deg. of N. lat. and 28th deg. of E. long.; and at this point no mountains were in sight, the river being, also, of great breadth, full of islands, and shallow. Perhaps, however, we shall not be far wrong in fixing its sources on the N. slope of the Gebel-el-Kumri, or Mountains of the Moon, in about the 6th deg. of N. lat., and between the 22d and 30th deg. of E. long. But whether its confluents form themselves into takes, as was conjectured by Ptolemy, or fall successively into the main stream, are questions as to which no information can be given. The course of the Bahr-el-Abiad, so far as it has been explored, to its junction with the Bahr-el-Arrek, and forms numerous islands. "At the point of confluence, the Bahr-el-Abiad is only about 1,800 ft. across; but *This is the destration gives by Serviss in its notes to Geog.,

* This is the derivation given by Secreta in his notes to the it, v. v. 791.) but many other derivations have been propose parhage the bille may tiltle the Helvew Nahhal, morely me river, or river per excellence. (See Dictionneire de Trevour, as

nove it enlarges much, its banks being frequently n. apart, and in some places during the inunda-waters extend 21 m. from side to side. In its state, and in mid channel, it has here from 3 to

waters extend 21 m. from side to side. In its state, and in mid channel, it has here from 3 to swater." (Grog, Journal, il. 187.) the junction of its two great arms, the united Nile, takes a generally N. direction, but with numerable windings. Not far below the point undere is a low range of mountains, through it river rushes in a narrow gorge, forming what the sixth catract; and thence deflecting east-rough extensive and verdant plains, it passes the thendy and the ruiss of the ancient Meroë. It close to the town of Addamer (lat. 17° 45° N.), rs of its important tributary the Tacaszé (the 1s of the ancients), which has its sources in the is of Lasta, in Abyssimla, in lat. 11° 40° N. long. about 23 deg. E. of lake Dembea, pursuing pretty uniform course N. N. W. to its junction Nile. From this point to its embouchure, a of about 1,350 m., the Nile receives no affiunt, either on its E. or the W. bank, a sollitary as Humboldt has remarked, in the hydrographic of the globe. (Per. Norr., v. 744.)

u Hamed, in about 193 deg. N. lat., and 33 deg. the river, which had previously been following rly course, turns suddenly to the W., and thence a south-westerly course to Edab, in the prov. of in the 18th deg. of lat., where it again curves the N. This defeation is called the Great

as outh-westerly course to Edab, in the prov. of in the 18th deg. of lat., where it again curves the N. This deflexion is called the Great the Nile. In its course through Dongola, the each side is very circumscribed. The river lower Nubia in about 199 40° N., where it is ted over a ledge of granite rocks, forming what sonly called the 3d cataract. Under the 22d cataract, of Wady-Halfa. The lowest cataract, is that of Assouan (an. Syene, island of Elephantine, where the river has cut through a ridge of granite rocks. (See Vol. 1. t must be observed, however, that the term t, "as applied to the broken course of the Nile, analogy to the great cataracts of Nilagara, the che, &c.; for most of them scarcely exceed a n height, and are, in fact, rather rapids than in a portion of Lower Nubia the river-valley much contracted: the rocks on both sides aphes shore so closely as to allow little space for the much contracted: the rocks on both sides ap-he shore so closely as to allow little space for the of alluvium; and in other places on the Libyan sand covers the whole level space between the the bank. At Kalabsheh, the an. Talmis (which mple bearing a close resemblance to the temples rra, Edfou, and Philze), the river rises from 30 ft. ira, crout, and railer, the twer ruses from so it.
during the floods; and after their subsidence
the stream flows at a rate of 2 or 3 nautical
a hour. (Gegs. Journ., vol. ix, part 3.) The
ter entering the boundaries of Egypt at Phile,
m Assouan, runs in a quiet and very tortuous
though generally northward, through the whole though generally northward, through the whole
of the country, enriching it by its waters, and its
, which, indeed, not only give to Egypt its ferut make it habitable. But, with the exception
sitrict of Fayoum (Vol. I. 831.), the valley of the
Upper and Central Egypt is of very contracted
ons, the mountains, and the burning sands of the
mcroaching so closely upon it, that it seldom ex)m. in width, and is frequently not half so much.
Ilmited severe this narrow string is of extrancroaching so closely upon it, that it seldom exm. in width, and is frequently not half so much.
m. in width, and is frequently not half so much.
w limited soever, this narrow stripe is of extray beauty and fertility, and contains the magnifimains of some of the noblest and most populous
the modent world. But we beg to refer the reader
article Eover for farther particulars as to the
ipresent state of the bed of the river, its inundand its delta. In antiquity, the Nile seems to have
its waters into the sea by 7 mouths; but it has
ily 2 mouths, those of Rosetta and Damietta.
mer, or most westerly, has a breadth of 1.800 ft.,
depth of about 5 ft. in the dry season. The Damouth is only 900 ft. wide; but its depth averages
n 7 ft. and 8 ft. when the river is lowest. The
t breadth of the Delta is about 85 m. from E. to
the distance of its apex from the sea being rather
an 90m. Great changes have, however, taken place
ring the lapse of ages; the soil has not only been
di many feet by alluvial deposits, but its shape and
ition of its apex have greatly altered even within
ind of modern history. The river begins to swell in
the parts in April, and even earlier in the Bahrdi; but at Cairo no increase occurs till the beginf june, its greatest height at that city being in
ber, when the Delta is almost entirely under
The waters subside in Now, leaving a rich al, which is the great source of the fertility of
Egypt. Quotamnis certis dicbus, pracipue circa
um exitivum, sucto magnon per totam spatiatus
um, terram plavits consideration and the proper applies in Nilo posita est, quits fertilits
per Regyptiss in Nilo posita est, quits fertilits

NIMES.

aut sterilis summes est, prout ille magness aut parcior fluit. (Cicero, De Nat. Deor., 1 cap. 52.) We need not, fluit. (Cicero, De Nat. Deor., 1 cap. 52.) We need not, under such circumstances, feel surprised that the ancient Egyptians regarded the Nile as a god to whom they paid divine honours. The greatest breadth of the river may be estimated at 2,000 ft., or about twice the width of the Thames at London Bridge. Its average current does not exceed 3 m. an hour: the water is always muddy; and even in April and May, when it is clearest, it has a cloudy hue. When it overflows, the colour is of a dirty red, consisting chiefly, we believe, of the red-clay deposit of the Bahr-el-Airek; for, as already whitish clay. The Nile abounds with a great variety of fish, such as the Labrus Nitoticus, or white trout, he Museraa anguitale, and a large species of salmon. The Ozyrynchus of this river, so famed in the antiquities of Egypt is, according to D'Auville, the fish now called Keshee. None of the fish, however, except ristic is the Turkey-goose, or Ansa Nitotica, the fiesh of which is both palatable and salubrious. From Assound down to Cairo, about 360 m., the banks, except in the rocky parts, present no native plant, but abound with all sorts of esculent vegetables, raised by the industry of the inhabs. on this peculiarly fertile soil. Cultivation, however, is more common on the E, than on the W. bank of the river. Hippopotami are found in Nubla, but not in Egypt; the crocodiles, also, are greatly reduced in number, and are now confined to the district above Assiut.

NIMEGUEN, or NYMEGEN (probably the an.

Egypt; the crocodies, also, are greatly reduced in number, and are now confined to the district above Assist.

NiMEGUEN, or NYMEGEN (probably the an. Novioraaguss), a town of Holland, prov. Guelderland, cap. arrond., on the Waal, here crossed by a flying bridge, 2½ m. S. by W. Arnheim, and 33 m. S.E. Armsterdam. Fop. about 21,000. It stands on several small but steep hills, and is pretty strongly fortified. Though not ill built, it has an irregular appearance, the streets being narrow; and, on account of the abrupt elevation from the river, the windows of one range of houses overlook the chimnies of another. Among the public buildings worth notice, are an old edifice, said to have been raised by the lounans, and now forming part of the fortifications; the old castle of Valkenof, believed to have been built by Charlemagne; and the town-house, an edifice of considerable beauty. Several of the churches are likewise entitled to attention; and a high tower, called the Helvidere, is much resorted to by visiters, on account of the extensive view which it commands of the course of the river and the surrounding country. Nimeguen is the seat of tribunals of primary jurisdiction and commerce, and the residence of a military commandant and a receiver of taxes. It has a branch of the Society of Public Good, a commission of agriculture, and a Latin school. It produces Prussian blue, glue, &c., and has some tanneries; but the only article for which it is celebrated is tag he beer, sent to almost every part of the Netherlands. Nimeguen is known in history from the treaty concluded here, in 1678, by Spain, France, and Holland. It was taken by the French on the 8th Sept., 1794, after a severe action, in which the allies were defeated. Various Roman antiquities have been discovered in and about the town. (De Clott; Dict. Géog.; Barrow's Tour is Holland.)

NIMES, or NISMES (an. Nemesusu.), a city of the S. of France, dép. Gard, of which it is checken.

NIMES, or NISMES (an. Nemessus), a city of the S. of France, dêp. Gard, of which it is the cap., in an extensive and fertile plain, near the Vistre, 23 m. W.S. W. Avignon, and 30 m. N. E. Montpellier: lat. 43° 50' 8" N., long. 4° 2! '45" E. Pop., in 1846, in, com., 49,442. The distant view of Nimes is not imposing. Notwithstanding its numerous fine edifices, it has only the Tournague to render it couspicuous at a distance. The city-proper, which is surrounded by boulevards, on the site of the ancient fortifications, is confused and irregular with narrow streets and ill-built houses. But the boulevards and suburbs, which comprise three fourths of the houses, are regularly laid out, clean, and have numerous handsome modern buildings and fine public promenades. NIMES, or NISMES (an. Nemausus), a city of the menades.

menades.

Mimes is principally interesting on account of its remains of antiquity, of which it probably possesses more than any other city of Europe, Rome excepted. The most classical, though not the most extensive, of these is the oblong temple, absurdly called the Maison-currie, nearly in the centre of the city. This edifice was supposed, from an inscription discovered on its frieze, to have been built in honour of Calus and Lucius Casar, grandsons of built in honour of Caius and Lucius Casar, grandsons of Augustus; but, from subsequent discoveries, it would ap-pear to have been erected to the adopted sons of Antoninus Pius. At any rate, it dates from the finest period of Roman art, and is one of its most perfect remains. It is raised on a platform ascended by 15 steps, and has 30 Corinthian columns, 6 in the front and at the back, and 9 on each side, exclusive of those at the angles. The portico, which is of ample dimensions, is supported by six detached columns in front, and two on either side: the other columns on the sides and back of the building are sunk half way into the walls. The capitals of the columns, and the frieze, cornice, and other parts of the building, are profusely adorned, in the most exquisite taste. The measurements of this edifice are as follow:—length, 82 ft.; breadth and height, 404 ft. each; height of the platform on which it stands, 18 ft.; height of the stylobate, 94 ft.; height of the doorway, 22 ft.; breadth of do., 10 ft. The columns, which are about 30 ft. in height, have a height equal to 10 diameters. (Fros. in height, have a height equal to 10 diameters. (Fros. in height, have a height equal to 11 diameters. (Fros. in height are little of Nismes, il 171.)

The maison-carrée was considerably injured in the middle ages; but it is protected from future spoliation by being inclosed within an iron palisade, and since 1823 it has been employed as a museum of paintings and antiques. But it would have been more consistent with good taste to have preserved it untouched and unoccupied, in its ancient simplicity.

The amphitheatre of Nimes is admitted to be the most perfect structure of its kind extant, after that of Verona. It stands on one of the boulevards autrounded by a large

The amphitheatre of Nimes is admitted to be the most perfect structure of its kind extant, after that of Verona. It stands on one of the boulevards, surrounded by a large open space, on which no buildings are allowed to be erected. It is said to have been founded by Antoninus Pius. Its longest external diameter is 437 ft.; its shortest 332 ft.: it has 33, or, according to some authorities, 35, ranges of seats, and is variously estimated as having sufficient accommodation for from 17,000 to 23,000 spectators; the height of the building outside is from 68 to 104 ft., and its total external circ is 1,1744 ft. (Frossard, i. 135.) Though it was occupied by the Visigoths, and afterwards the Saracens, as a fortress for their defence against the Franks, the outer wall is still nearly entire. It consists of two stories, each having 60 arches, and an attic story, and is entered by four gates, one at each of the cardinal points, the principal being on the N. side. The arcades of the ground story are separated by pilasters, those of the upper by columns, in an irregular Tuscan or Doric style. The interior is in many parts dilapidated and overgrown with vegetation; but it still serves for buil-batts, jousts, and dramatic entertainments, to which the modern inhabs of Nimes are as much additional the structure of the content of the co

pilasters, those of the upper by columns, in an irregular Tuscan or Doric style. The interior is in many parts dilapidated and overgrown with vegetation; but it still serves for buil-baits, lousts, and dramatic entertainments, to which the modern inhabs. of Nimes are as much addicted as their ancestors were to the more barbarous whibitions of gladators.

A few portions of the ancient walls still remain, principally in the Portes of Auguste and De France: the first, which, in the time of the Romans, was the principal gate of the city, consists of 2 large and 2 smaller arches: the former, which are in the middle, have between them a small ionic column, respecting which there has been much controversy, all the other decorations of this gate being of the Corinthian order. The Porte of Auguste is elaborately ornamented with sculptures, which constitute one of the principal points in which it differs from the Porte de France. In the N.W. part of Nimes is a ruined symphesum, or Roman bath, of considerable size, improperly termed the Temple of Diana. Near this, on a height overlooking the city, is the Tour magne (turris magna), a tower supposed to have been built by the Greek colonists of the city before the Roman invasion; but the original purpose of which has not been correctly ascertained. It is in the Doric style; its lower part being heptagonal, its upper, octagonal. It is in great part ruined; but being still 100 ft. in height, and in a completous position, it is used to support a telegraph. The above are the principal objects of architectural interest in the city. The Vandals, and other barbarians, are said to have destroyed the basilica of Plotinus, the temples of Apollo, Ceres, Augustus, &c.; but the still existing memorials of antiquity are more than sufficient to evince the almost unequalled magnificence of the ancient city.

Nimes does not, however, owe its sole interest to its antiquities. It has several large, and some good modern, edifices. The cathedral, begun in the lith, but principally constructed in

veyed a supply of water from the neighbourhood of Uzes to Nimes. We have no certain details as to the founders of this great work, the zera of its construction, or the purpose for which the water brought by it was employed. Some antiquaries have ascribed its erection to Agripps, son-in-law of Augustus, about asso 19 s. c., while others have ascribed it to Adrian, or his successor Antonisus, who derived his origin, by the father's side, from Newsansus. But, by whomsoever constructed, it was worthy the most brilliant era of Roman power. The Front de Gard consists of that part of the aqueduct which was thrown across the river Gardon, in a wild defile, it m. N.E. Nimes. It consists of 3 rows of arches, or, as it were, 3 different bridges, raised the one above the other, the whole being constructed of large stones, without cement. The first, or lower tier or bridge, has a length of 529 English ft., and a height of 63 ft.; and consists of arches of unequal size, the breadth of the largest of 6 arches of unequal size, the breadth of the largest of 6 arches of unequal size, the rough which the Gardon usually flows, being 52 ft. In height: it consists of 11 arches, generally smaller than those of the first tier, but like them of unequal size. The third or upper tier, 870 ft. in length, and 324 ft. is height, has 35 arches, which of course are much smaller than those of the other tiers, being respectively only 124 ft. in width. The entire height of the structure is 188 h.; its width or thickness, which is 194 ft. at its base, diminishes as it ascends; on its summit is the watercours, a ft. in which or thickness, which is 194 ft. at its base, diminishes as it ascends; on its summit is the watercours, a he hase of the second tier of arches. The Post at Gardia is highly picturesque object. With singular good fortune, it escaped dilapidation during the dark ages; and the greatest injury it experienced was in 1600, from the Duks de Rohan, who broke away a portion of the second tier of arches. The Post at Gardia is a highly pi

causes the export trade of Nimes is small; its industry is not progressive, and its pop, often experience distressing crites. Besides silks, Nimes has manufactures of cotton goods, gloves, leather, brandy and vinegar, and a good deal of trade in wine, essences, drugs, and colonial produce, &c. It is also the principal entrepot for the raw silk produced in the S. of France, of which material almost sil its own silk manufactures are made. Of the pop. of Nimes and its suburbs, about 34,000 are R. Catholics, and 13,000 Protestants; and in few towns is there so much acrimonious party-spirit and violence displayed on account of religion. This violence broke out, soon after the downfall of Napoleon, into the most atroctous acts on much acrimonious party-spirit and violence displayed on account of religion. This violence broke out, soon after the downfall of Napoleon, into the most atroctous acts on the part of the Catholics, which might easily have been suppressed by a vigorous government, but which were, in fact, rather encouraged by the imbedile bigots them at the head of affairs in France.

the head of affairs in France.

Nemausus is supposed to have been founded by a colony of Phocians; it was subjugated by the Romans, amno 121 s. c. In the middle ages it belonged successively to its own viscounts, the counts of Thoulouse, and the kings of Aragon, by one of whom it was ceded to Louis IX.. in 1298. Nimes has given birth to many distinguished persons, among whom may be specified Court de Gebelin, author of the Monde Primitif, and M. Guizot, late minister of France, and author of the able and original works on the progress of civilisation in France and Europe, &c. (Histoire de la Civilisation en France, and Histoire Générale de la Civilisation en Europe, &c.)

This illustrious individual first saw the light on the 4th

ber, 1787: he is a Protestant; and the simplicity haracter, and perfect freedom from all sorts of pregive additional justre to his talents and eloquence. VEVEH, a great and famous city of the t world, the cap. of the Assyrian empire, sould to have stood on the E. bank of the opposite to the modern city of Mosul see). It was till lately supposed that was identical with that of the village mia, for Nebbi Yunus, containing the of Jonah," about 3 m. from the river, and surrounded by vast heaps of ruins, 290' 17" N., long, 43° 10' 17" E. But ast mounds of ruins exist at Khorsabad, 10 m. N.N.E. from Nunia, and at Nimbout 18 m. S., in the angle formed by the n of the greater Zab with the Tigris. It possible to say which of these mounds may represent the site of the ciry. They apn fact, to consist of the ruins of palaces, er great public buildings; and may either seen within or beyond the city walls, or een in different, though contiguous, cicies.

ms against all probability to suppose that oud and Khorsabad were included in the

city, dotus (1.185) and other profane writers ascribe dation to Ninus, son of Belus, and first monarch Assyrian empire. But, according to the Bible 11.), "Asshur (the grandson of Cush) went forth the land of Shinar, and builded Nineveh." Its is lost in the obscurity of succeeding ages; but to doubt, a very large city 9 or 10 centuries before eistam æra, for at that period Jonah described it exceeding great city of three days' journey "Strabo says (1. xv1.) that it was much larger even ibylon; the circuit of which he estimated at 385 and, according to Diodorus Siculus (1.11.), it woodlong thape, 130 stadia in length, and 90 in; that is, above 84 m. in circuit. Very little dece can, however, be placed on these statements; at the same time, aimitted that the walls in a large extent of gardens, and pasture grounds. oblong shape, 180 stadia in length, and 90 in it that is, above 84 m. in circuit. Very little dece can, however, be placed on these statements; at the same time, admitted that the walls in-a large extent of gardens, and pasture grounds. Service of its walls, given by Diodorus, is too ity exagerated to require any notice. The promah says that Nineven "had more than six score depersons that could not distinguish between ght hand and their left." (Jonah, iv. 11.) This iden, the import of which is by no means clear, en generally understood to refer to children; king it in this sense, and including under the hidren the younger persons under nine years of y might be taken at about one fourth part of the hich, consequently, would be 480,000. But if we 1, as some critica have done, that the children i to by the prophet could not well exceed five fage, they might be taken at between one sixth everenth part of the pop., which would, consequenth part of the pop., which would, consequenth part of the pop., which would, consequenth part of the pop., which would, consequent to from 720,000 to 840,000. It is plain, "that these statements are far too vague to be it to any considerable weight." when we have the residence of the Assyrian kings, and a unch commercial importance, that Nahum apostroshem: "Thou hast multiplied thy merchants above so fheaven." (iii. 16.) She was besieged and taken to assas 612 B. C., nearly 3 centuries after Jonah's cy of her destruction, when she fell, after a prosteped on the store and glory out of all the pleasant re," making her "empty, and vold, and waste." n, ii. 9, 10.) The spoil was taken to Echatana, izons were dispersed in villages, and the Assyphre, which had for centuries been the glory of sterm world, gave way to that of the Medes and is. It seems certain, however, either that the d not been wholly destroyed, or, which is most le, that a new and inferior city had, at a subserving, grown out of the ruins of the more ancient he latter, no doubt, is that referred to by Tacitus, xii. 13.. an

well-informed authors of the learned and valuable work, Freifar de Bette, have made a stegular blunder in sorting cet. They say that the children of a fear of real content of the steel o

NISHAPOOR.

known to contain bricks, entire as well as in fragments, and pieces of gypaum, with inscriptions in the wedge-formed character, closely resembling those of Babylon. But within the last ten years they have been partially explored, by M. Botta, French consul at Mosul, and by Mr. Layard, an English gentleman; and their investigations, especially those of the latter at Nimroud, have been in the highest degree interesting. What was supposed to be a shapeless mass of earth and rubbish has been found to include the ruins of a royal palace in nearly as good preservation as the remains of Pompeii. It appears to have been of a giganticsize, and had been enriched with a vast variety of sculptures, including winged human-beaded lions and buils; istatues of monarchs, generals, and prests; and other pieces in bases rilieve, some representing warrilke achievements, and others scenes of peaceful life, executed with infinite spirit and on a grand scale. This extraordinary disinterment of a royal residence burdled 2 too years ago, while it illustrates some of the most important portions of sacred and profane history, shows that the reports that have come down to us of the wealth, greatness, and magnificence of the Assyrian monarchs have not been in any degree exaggerated. (See the striking description of Esekiel, c.xxx.v.3., &c.) The walls and portions of the statues are covered with cuneiform inscriptions; and should means be found of interproting them, they will disclose a part at least of the true history of the empire. The palace at Nimroud appears to have been destroyed by fire; and the remains found in it have obviously belonged to different epochs, the most remote extending as far bark, perhape, as the left or 15th century s. c. Some of the most interesting of the Nineveh sculptures are now, by a curious destiny, lodged in the British Museum. (See Nineveh as dit Remains, by

it have obviously belonged to different epochs, the most remote extending as far back, perhaps, as the 14th or 18th century B. C. Some of the most interesting of the Nineveh sculptures are now, by a curious destiny, lodged in the British Museum. (See Nineveh and its Remains, by Layard, 2 vols. 8vo. passing; Kinneir's Persia, pp. 286—295; Olioter, Voy. on Turquic, (v. 263—28; Calmet, Dect. de la Rible, voc. Nineveh, 4c.)

NING-PO, a city of China of the first rank, prov. Che-Keang, at the confluence of the rivers Kin and Yaou, near their mouth in the harbour of Chusan, 46 m. E. by S. Hang-tcheou, and about 180 m. S.E. Nankin; lat. 29° 55° N., long, 121° 17° E. Pop. estimated at from 200,000 to 400,000. It is surrounded by walls and bastions, now in rulns, and is entered by 8 gaies: the streets are broad and long, and the shops surpass those of Canton in elegance and splendour. It is intersected by numerous canals; a floating bridge crosses the inlet; and there are several pagodas, government warehouses, and other public buildings. The suburbs are fat, presenting rich fields and rice-gardens; but at the back, skirting the sea-shore, are dark-looking barren hills. Ning-po may be considered the third or fourth emportum of the Chinese empire; and the trade to the N. and S. districts of China, as well as to Stam, is of much importance. In the neighbourhood are very extensive sait works, and salt is exported in considerable quantities. The town is accessible by vessels of 300 tons; but large ships unload at Chinhae, a fortified town at the entrance of the inlet.

The Boglish formerly traded to Ning-po. They were

town is accessible by vessels of 300 tous; but large ships unload at Chinhae, a fortified town at the entrance of the inlet.

The English formerly traded to Ning-po. They were compelled, however, in the 17th century, to confine themselves to Macso, at the same time that similar restrictions were imposed on the Portuguese. But the city has been again opened to the English under the treaty of 1842. Hitherto the trade with it has been unimportant.

NIORT, a town of France, dep. Deux. 3ê mr. E.N.E. La Rochelle, and 48 m. W.S. W. Politiers; last. 46° 20° 20° 10° 12° 12° W. Pop., in 1846, ex. com., 16,800. It is pleasantly situated on the declivities of two hills, and is surrounded by planted promenades. It was formerly ill-built, but has been greatly improved since the Revolution, many new and good streets having been constructed on the site of the ancient fortifications. The eastle of Niort, which has been long converted into a prison, was the birth-place of Mad. de Maintenon. The town has two good parish churches, one of which was built by the English, two hospitals, some good barracks, public barts and public halls, a bandsome arcade (geleria viire), a theatre, a public library with 20,000 vola, including some rare MSS.; and a botante garden, having attached to it a large horticultural school. It is the seat of tribunals of primary jurisdiction and commerce, a Royal athenaeum, a council des prud'homeses, a society of agriculture, and a communal college. It has manufactures of leather, gloves, shoes, woollen suiffs, wooden and horn articles, &c.; and is an entrept for the wines of the Gironde, and for timber, wool; hides, and cattle. It is also celebrated for its confectionery (confitures d'angelique). (Hugo, art. Deux.-Sèrre.).

NISHAPOOR, a town of Persia, in Khorassan, cap. district of its own name, 46 m. W. by S. Meshed, lat. 50° 55° N., long, 36° 8° E. Pop., secording to Captain Conolly, 8,000. The town has a poor appearance, being confined within a mud wall and ditch, without either minarets or domes; the on

above the wall being a shapeless mosque. The circuit of the present wall does not exceed 4,000 paces, and the greater part of the enclosed area is covered with ruins. The houses now inhabited, of which there are about 1,200, are meanly built, chiefly of mud. A tolerably large baxaar is well filled with goods, and provisions are alleged to be cheap and of good quality.

Nishapoor has few manufactures, and cannot boast of a single branch of foreign trade, except that of turquoises, from which, owing to the exactions of the government, and clumsy mode of working, it derives little benefit. The turquoise mines (from which exclusively are derived our supplies of this valuable gem), are about eight or nime in number, principally situated in a hill about 40 m. W.S.W. Nishapoor; of these, however, some have been abandoned, and others are so imperfectly wrought, as scarcely to pay the miners' expenses. The gems are usually found in a reddish brown rock, but occasionally also in a firm quartose rock of a whitish grey colour, abounding with veins of specular iron. The produce of the mines would be very great under proper management; but nothing can be more inartificial than the process now adopted by the peasant-farmers, no skill or ingenuity being exerted, and no sort of contrivance used to lessen labour, or economise time and material. This defective management is mainly attributable to the wretched government, and the consequent insecurity of property from the oppressions of the local authorities. The mines are rented from the consequent insecurity of the instance and the manufactures, and dependent of the surroundation of the mines was funded, along with Cappua, by the Tuscans; and the was founded, along with Cappua, by the Tuscans; and the many fine Rtruscan vases that have been founded and convention of property assault upon the Carne; but was founded, along with Cappua, by the Tuscans; and the many fine Rtruscan vases that have been found the many fine Rtruscan vases that have been found the many fine Rtruscan vase to Meshed; but the miners practise every possible de-ception on purchasers; and the gems cannot, according to Mr. Fraser, be procured at a rate which would yield any considerable profit on a sale in Europe. Iron and rock-salt are also wrought within the district. Agricul-

ception on purchasers; and the gems cannot, according to Mr. Fraser, be procured at a rate which would yield any considerable profit on a sale in Europe. Iron and rock-salt are also wrought within the district. Agriculture is little understood; the soil is tilled only once in 3 or 4 years, the ground being left fallow during the intervening time; one-fifth of the produce is claimed as the property of the Shah.

Nishapoor lays claim to high antiquity. It is said to have been destroyed by Alexander the Great, and rebuilt by Shapoor: afterwards, during the Seljuk dynasty, it was one of the four royal cities of Khorassan; but in 1299 it was destroyed by the Tartars, who massacred most part of its inhab. It was again pillaged by Jhengir-khan; and more recently. In 1749, by Nadir Shah, from whose ravages it has never recovered. (J. B. Praser's Khorassan, pp. 395.—422; Conolly's Travels to the N. of Isalia, 1. 211. 214.; Kismetr's Persis, p. 185.)

NIVELLES (Flem. Nysel), a town of Belgium, prov. S. Brabsah, cap. arrond., on the Thienne, 17 m. S. Brussels. Pop., in 1848, 8,000. It is said to have had, in the 16th century, a pop. of 30,000; and it is still half a league in circuit, exclusive of its suburbs. It is not well built; but it has a remarkable church, in which are two finely carved pulpits, and on the tower is a colossal statue, called Jean de Nivelles, which strikes the hours. It is the seat of a court of primary jurisdiction, and the residence of a receiver of taxes; with manufactures of woollen stuffs, coarse lace, cotton and linen cloths, hats, paper, and oil; and sends two deputies to the states of the prov. It originated from a suarkable Benedictine convent, founded by St. Gertruce in 645, the abbessee of which enjoyed the title of princesses of Nivelles.

NOCERA DEI PAGANI (an. Nuceria Aljaderma), a town of the Neapolitan dom., prov. Principato Clira, on the Sarno, 8 m. N. W. Salerno. Pop. 7,000. The walls and citadel of the ancient city are on a hill above the present town, which consists of detached g

Penniss and the more ministra aim.

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Penniss and the more ministra aim.

Penniss and the many fine Etruscan vases that have been found here seem to corroborate this statement. It was besteged by Hannibal soon after the battle of Cannae; but Marcellus, who had thrown himself into the town, having made an unexpected assault upon the Carthaginian army, Hannibal withdrew from the siege. It is, however, principally celebrated in ancient history from its having been the place where Marcus Agripps, the faithful friend and successful general of Augustus, breathed his last, assee 12 a. c.; and where Augustus himself expired, A. D. 14, in the 75th year of his age. But, with the exception of its vases, it has now but few remains of antiquity. In the days of its prosperity it had two marble amphitheatres; of which, however, nothing now remains but the brick walls, the marble having been taken away to be employed in the construction of modern edifices. (Suria. our of the marble having been taken away to be employed in the construction of modern edifices. (Suria. our of the marble having been taken away to be employed in the construction of modern edifices. (Suria. our of the marble having been taken away to be employed in the construction of modern edifices. (Suria. our of the marble having been taken away to be employed in the construction of modern edifices. (Suria. our of the marble having been taken away to be employed in the construction of modern edifices. (Suria. our of the marble having been taken away to be employed the marble having been taken away to be employed the marble having been taken away to be employed the marble having been taken away to be employed the marble having been taken away to be employed the marble having been the marble having been taken away to be employed the marble having been the marble having been the marble having been the town the marble having been the marble having been the marble having the marble having been the marble having the marble having the

ployed in the construction of modern edinces. (Serial struct.) 37.; Ascical Universal History. Xiv. 39.8vo. ed.)

The famous Giordano Bruno was a native of Nola, where he was born about the middle of the 16th century. He appears, at a very early period, to have become dissatisfied alike with the prevailing systems of philosophy and religion, and attempted to innovate in both. In 1883 he came to London, where he published in 1884, his most celebrated work, Spaced della Restis Trionfante, dedicated to Sir Philip Sidney, of which there is a very flimsy notice in the 389th number of the Spectator. Having returned to the Continent, he resided some time in Germany; but, being anxious to revisit his native country, he arrived at Venice in 1898. Here he was arrested and thrown into prison, on the convenient charge of hereay and atheism. From Venice he was transferred to Rome; where, sentence having been pronunced against him, he was committed to the fiames on the 17th of Feb., 1600! An elaborate estimate of the inquisition may be found in the Historia Critica Phichsophic of Brucker (vol. v. cap. 2.), and in Enfield's compendium of the same work. (See, also, Biographic Universite, art. Brono; and Tivabocki, tomo vii. pp. 476—483.)

NORCIA. a town of Central Italy. Papal States. delege.

Universitie, are more of the Art. 483. NORCIA, a town of Central Italy, Papal States, deleg. Spoleto, in a high valley near the source of the Nar, and I'â m. E. N. E. Spoleto. Pop. 4,000. It has a brisk trade in wine, oil, truffles, turnips, and other rural produce. It is identical with the ancient Nursis, noted for

Qui Tiberim, Faberimque bibunt, ques frigida misit, Rurnia." Æneid, vii. 175.

Nursia.

Nursia.

Nursia.

Nursia.

NORD (DEP. DU), or Department of the North, so called from its being the most N. dep. of France, lying principally between the 50th and 51st degs. of N. lat., and the 2d and 4th of E. long., having N. and E. Nel North Sea and Belgium, and S. and W. the déps. A isne and Pas-de-Calais. Shape very irregular; length N. W. to S.E. 118 m., by a breadth varying from 4 to nearly 40 m. Area 567,655 hectares. Pop., in 1846, 1,132,360, it being the most populous of all the French deps. Surface almost an uninterrupted plain; the highest hill being no more than 360 ft. above the sea. The shore is bordered with sandy downs (dames), as in Belgium and Holland. The Aa and Yser water the N., the Lys and Schelds the central, and the Sanubre the S. parts of the dep. The arrond of Dunkirk (Dawkergue), has a good deal of marsh land, called the Wateringues, and the Moëres; but it has been mostly drained, and rendered cultivable. The soil,

ilong the coast, is generally very fertile. In 1834, he lands were estimated to comprise 359,570 hec-eadow lands 95,832 hectares, orchards 16,334 hec-nd woods, &c., 33,827 hectares. This dep. is he best cultivated in France. The properties, as he best cultivated in France. The properties, as re throughout that country, are, in general, small 221,552, subject to the costrib. functiere, in 1835, sere assessed at less than 5 fr.; but it has, notwiths, more large properties than most other depts. est farms are round Douai; the smallest generally ille. In the wooded tracts they run mostly from hectares; but in the marshy region called the agues, they vary up to between 60 and 70 beclares; but in the marshy region called the agues, they vary up to between 60 and 70 beclares, but in the marshy region called the agues, they vary up to between 60 and 70 beclares, where they are frequently to 27 years, or even longer. (Hugo.) On the trus horses are used for the plough; but spade iry is common on all the smaller holdings, and niversal on the lands appropriated to flax, hops, or potatoes. Fallows are rare, and the cultiiry is common on all the smaller holdings, and niversal on the lands appropriated to flax, hops, or potatoes. Fallows are rare, and the cultiare not here, as in most parts of France, so it to routine practices as to reject all new and the methods of culture. All kinds of corn are ed, but principally wheat and oats. In 1825, 6,000,000 hectolitres of grain were harvested, about 1,960,000 hectolitres of potatoes; but from nity of the pop, but little more corn is usually than is required for the home demand. Kitchen iles are good and plentful; and beet root ous grains, hops, chicory, flax, hemp, wood, and are also extensively raised. Hugo states that are 500 oll mills in the dep., which annually e 470,000 hectolitres of oil; and that the profax is 3,880,000 kilog. a year. Tobacco is varistimated at from 3 to 4 millions kilogr. a year. stures are very good, especially on the Sambre and N. According to the official tables, there were, in out 214,000 black cattle, and 193,000 sheep in the The cows are of the fine Flemish breed, and timated that they supply 7,000,000 kilogr. butter, 500,000 kilog. cheese a year. The annual profession is a prost of the fine flemish breed, and simple of the fine flemish breed, and simple flemish is about 745 00 kilogr. a good deal is of

1836, 11,440. After Stockholm, it covers more ground than any other Swedish town, but it has no public building worthy of notice. It has straight and broad streets, and is well situated for trade, having a commodious quay, close to which vessels can ite. It has several churches, a synagogue, public school, house of correction, and savings' bank, and manufactures of brass and hardware goods, linem, cotton, and coarse woollen fabrics, gloves, starch, paper, leather, &c., and several sugar refineries. A profitable salmon fishery is also carried on here in the river. (Forsell; Stein's Hand-book.)

carried on here in the fiver. (Corese) and belook.)

NORDLINGEN, a town of Bavaria, circ. Middle Franconia; on the Eger, 48 m. S.W. Nuremberg. Pop. 6,800. It is surrounded with old bastioned ramparts. The cathedral, a handsome Gothic edifice, has some curious monuments and paintings, and a tower 345 ft. in height. The town-hall is ornamented with freeso paintings of the battle of Nordlingen, in 1634; in which, after an obstinate and doubtful conflict, the Austrians and Bavarians, under the Archduke Ferdinand, defeated the Swedes and their allies, under the famous Bernard, Duke of Weimar. The town has fourishing carpet factories, and a considerable trade in feathers, geese, and hogs. (Barghoss.)

or potatoes. Fallows are rare, and the cultiare not here, as in most parts of France, as in control parts of Prance, as in most parts of Prance, as in control parts of Prance, and the methods of culture. All kinds of corn are
d, but priocipally wheat and oats. In 1835,
5,00,000 hectolitres and oats. In 1835,
5,00,000 hectolitres protected by the protection of the prot

2 each for the bors. of King's Lynn, Thetford, and Yarmouth. Registered electors for the co., in 1849-50, 16,146, being 8,233 for the E. and 7,813 for the W. division. In 1841, Norfolk had 85,903 inhab. houses, and 412,664 in habs., of whom 199,101 were males, and 213,563 females. Sum expended for the relief of the poor, in 1848-49, 201,1924. Annual value of real property in 1815, 1,516,6514; do. in 1843, 2 297 271.

Sum expended for the relief of the poor, in 1848-49, 201, 1924. Annual value of real property in 1815, 1,516,6514; do., in 1843, 2,327,3714.

Nosroux, a borough-town and port of entry of the U. States, Virginia, co. Norfolk, on Elizabeth River, 8 m. from Hampton Roads, in Chesapseke Bay, and 90 m. 8. E. Richmoud; lat. 36° 50′ 50″ N., long. 76° 18′ 47″W. Pop. in 1840, 10,930. It stands on low and somewhat marshy ground; its principal streets are well paved and clean, but the others are generally irregular and inconvenient; and neither the public nor private buildings can boast of much elegance, though of late years it has been a good deal improved. It has places of worship for various sects, a marine hospital, an orphan saylum, a lyceum, Lancastrian school, theatre, &c. The harbour is deep, capacious, secure, and easy of access; its entrance, rather more than 1 m. in width, is defended by three strong forts. At Gosport, in the township of Portsmouth, near Norfolk, is one of the most important navy-yards in the U. States, in which is a noble dry dock of hewn granite, constructed at a cost of 574,556 dolis. The total tonnage belonging to the port of Norfolk, in 1849, amounted to 23,016 tons.

23,016 tons. In post of Notional, in 1875, and the 23,016 tons. NORMANDY, one of the provs. of France under the old regime, now distributed among the deps. of Scine Inférieure, Eure, Orne, Calvados, and La Munche. NORTHALLERTON, a part. bor., market-town, and par. of England, in the liberty of Allertonshire, N. riding co. York, on a small trib. of the Whisk, 13\forall ms. S.E. Darlington, and 31 m. N.W. York. Area of parl. bor., which comprises the townships of Northallerton, Romanby and Brompton, 9,240 acres. Pop., in 1841, 4,861. The town, which is on level ground, consists almost entirely of a main street along the great N. road from London to Edinburgh. It is wide, well paved, and lighted with gas: a market-house stands near the centre of the town, and at its N. extremity is a fine open space, in which are the church and churchyard. The former is a large cruciform structure, of considerable beauty, London to Edinburgh. It li wide, well paved, and lighted with gas: a market-house stands near the centre of the town, and at its N. extremity is a fine open space, in which are the church and churchyard. The former is a large cruciform structure, of considerable beauty, with a square tower at its W. end: the living is a vicarage, in the gift of the dean and chapter of Durham. A grammar-school has been founded here under the same patronage, and there is a large national school for children of both sexes. There is also a place of worship for Wesleyan Methodists, with an attached Sunday school. The register-office for the N. riding of the co. was built here in 1736; and there is a court-house, in which the general co. sessions of the peace are held. A gaol has also been built, within the present century, on the plan of Howard, the discipline and arrangements of which are said to be, on the whole, very efficient: the number of prisoners averages about 60, and the cost of each is 1s. 3d. per diem. (Gaol Returns, and Prison Inspectors' 4th and 5th Reports.) "Northalierton is not a corporate town, and is under the jurisdiction of the conagistrates. No manufactures are carried on, nor are there any local advantages likely to attract them. Linentwaving, however, employs a portion of the pop., both in Northalierton and the surrounding villages, its chief seat being at Brompton." (Part. Rossal. Rep.): A branch of the Darlington Joint-stock Banking Company, a private bank, and a savings' bank are established here. The railway uniting York and Newcastle passes close to the town on the W. It has very large weekly cattle and corn markets on Wednesdays in Oct. Northallerton sen 2 mems. to the H. of C. from the 15th Charles I. down to the passing of the Reform Act, which deprived it of one of its mems. "The elective franchise was formerly attached to about 210 burgage-houses, mixed up and conjoined with the other buildings from one end of the town to the other." (Bossal. Rep.) The electoral limits were enlarged, as above mentio

At a short distance from Northallerton is Standard Hill. At a short distance from Northallerton is Standard Hill, celebrated as having been the scene, in 1183, of a sangulnary conflict between the Scotch, under David 1., and the English, under the Earls of Albemarle and Ferrers. It was called the battle of the Standard, from the circumstance of the victory of the English being attributed to their possessing a standard whence were displayed the banners of St. Peter of York, St. John of Beverley, and St. Wilfred of Ripon, the whole being surmounted by a consecrated host; but the true cause of the defeat of the Scotch was their consternation at the supposed death of their king. (Parl. Papers; Priv. Inform., Sc.)

NORTHAMPTON, a central co. of England, having at its N. extremity the co. of Lincoln; on its E. and S.E.

NORTHAMPTON.

| side, Cambridge, Huntingdon, Bedford, and Buckingham; S. Oxford; and W. and N. W. Warwick, Leicester, and Rutland. It stretches N.E. and S. W. from Banbury to near Crowland, a distance of 66 m. Area, 650.360 acres, of which about 580,000 are supposed to be arable, meadow, and pasture. Surface beautifully diversified with gently rising hills, fine valleys, and extensive woods: it is traversed nearly in its whole extent by the Nen, which rises near Daventry. Though of various qualities the soil is in general very fertile, and is, in many parts, strong and well adapted for the culture of wheat and beans, which are the principal crops. The climate is mild and salubrious, and there are serve gentlemen's seats in this than in most other counties. Agriculture, though still capable of material improvement, is, on the whole, in a comparatively advanced state. About half the co. is in grass; and great numbers of heavy horses, and of cattle, mostly short-horns, and sheep, are bred. Estates are generally large; but there are few large farms; and the circumstance of their being let only from year to year tends to perpetuate the routine practices that keep their ground in this and other counties. Farm-houses and offices are mostly inferior, and inconveniently placed; and this is also true of cottages. This is one of the cos. in which there is a great waste of horse labour, 5 horses being usually employed to do the same work that might be as well done by 2, or at most 3. Average rent of land, in 1843, 29s. 1d. an acre. The woodlands are very extensive; and a good deal of wood is used as fuel. Except limestone, which is very abundant, and slates, dug up at Collyweston, minerals are of little importance. Boots and shoes are extensively produced in the town of Nottingham, and in Wellingborough. This co. is divided into 20 hunds and 206 para, and sends 8 mems. to the H. of C.; vis. 4 for the co., in Northampton, and 2 for Peterborough, and Wellagborough, and other places; but the want of coal is an all but insurmo victors for the co. in 1849-50, 8,479, being 3,929 for the N., and 4,500 for the S. division. In 1841, Northampton had 40,841 inhab, houses, and 199,228 inhab, of whom 98,077 were males, and 100,251 females. Sum assessed for the relief of the poor in 1848-49, 98,4804. Aunual value of real property in 1815, 947,5784; do., in 1843, 1,33,1004.

lor the relief of the poor in 1848-48, 30, sout. Annus value of real property in 1815, 947,5781; do., in 1843, 1,252,1004.

NORTHAMPTON, a parl. and mun. hor., market and manufacturing town of England, cap. of the above co, hund. Spelhoe, on the great N. road, and on the N. bank of the Nen, crossed here by a stone bridge of 3 arches, and 2 others of inferior size, 39 m. S.S. B. Leicester, and 59 m. N. W. London. Area of parl. and mun. bor. (which comprises 4 pars.). 1,520 acres. Pop., in 1821, 10,844; ditto in 1841, 20,637. The town, which comprises 6 principal streets, meeting in a very large open market-place, is well-built, pared, and lighted with gas: the houses in the principal street along the .ine of the great N. road are of stone, large, and substantial; but in the smaller streets are many inferior houses, almost entirely occupied by journeymen-shoemakers, and other workmen employed in shoemaking. The pars. of All Saints. and St. Giles's comprise the principal portion of the respectable classes of society. St. Peter's is a small per., inhabited principally by the inferior tradespeople and working.classes. St. Sepulchre's is extensive, but chiefly occupied by artisans and labourers. (Msss. Bossad. Rep.). There were formerly 7 par. churches, of which 4 still remain. That of All Saints', in the centre of the town, (rebuilt, in 1680, on the site of one destroyed by fire,) is a large and handsome, though somewhat incongreous, building, with a central cupola supported by 4 loade columns, and a tower at its W. end, rising above an lonic portico: a fine organ, and a full-length statue of the interior. St. Gies's, at the R. end of the town, is a large cruciform structure, partly of Norman, and partly of later English architecture, with a square tower rising from the intersection of the nave and transepts. St. Peter's, at the W. end of the town near the castle, erected shortly after the Norman conquest, consists of a mave, from the intersection of the nave and transepts. St. Peter's, at the W. end of the town near the castle, erected shortly after the Norman conquest, consists of a nave, with side aisles separated from it by plers and arches, with a square western tower, and is altogether "a remarkably fine and curious specimen of euriched Norman." (Richman, p. 14.) St. Sepuichre's, an almost equally ancient edifice, built by the Knighte-Templar, at the Norm of the town converses excepts part forms. man." (Richmon, p. s. of the Knights-Tempuar, m. caually ancient edifice, built by the Knights-Tempuar, m. the N. end of the town, comprises a circular part, forming the body of the church, a square chancel with side-alsies, and a square tower surmounted by a spire at its W. end. The remains of the old church of St. Gregory houses hut the two others have entirely W. end. The remains of the old church of St. Gregory form a school-house; but the two others have entirely disappeared, and of the numerous religious houses ex-isting in Northampton before the Reformation, two only, St. Thomas's and St. John's, both in the later Knglish style, now remain, having been converted inte almshouses for the aged poor. The Wesleyan Methoptists, Presbyterians (now Unitarians), Rom.

I, and the Society of Friends, have their replaces of worship: the castle-hill meeting
as, for 22 years, the scene of Dr. Doddridge's
lons, during which period he was also master
esbyterian academy in this town. Attached to

us churches and chapels, are numerous Sunday
furnishing religious instruction to between 2,000

children of both sexes. A central national
erving as a model-school for the co., is attended
400 boys and girls; a Lancastrian school, by
of 500 children; 2 infant schools (one of which
rted by the Wesleyan Methodists) have 250

; besides which, the corporation charity-school,
; charity-school, and the girls' school in King's
eet, provide clothing and education for 120
of both sexes. The free grammar-school, in

;, was founded in 1842. Among the other buildatown, by far the most handsome is the Shire

the S. side of the market-square: It is of
architecture, and comprises 2 large courts, and
artments well adapted for the business of the
The town-hall is an ancient structure of brick,
All Saints' church; and near it is the bor.
w disused. On the E. side of the town is
gaol, built in 1794 on the plan of Howard; but,
tanding its size, the cells are not sufficiently
is to allow of the entire seclusion of prisoners
nt system, however, accompanied by hard la
strictly enjoined; and the management has nt system, however, accompanied by hard la-strictly enjoined; and the management has atly improved within the last few years. This nt system, however, accompanied by hard lastricity enjoined; and the management has atly improved within the last few years. This sed also, by agreement, between the co. and bories, as a place of confinement for prisoners beto the bor. (Prison Inspectors' 3st Report, ill: theatre in Marefare, built at the beginning of ent century, is a neat building, and, though small, ently large for a town in which dramatic enterts are little relished. The barracks form a large on the W. side of the road leading to Leices-in the E. suburbs is the infirmary, a large and bly-built edifice, completed in 1783, and furnishellent accommodation for patients. A raceras formed N. of the town in 1773, and the raceras formed N. of the town in 1773, and the raceras in Riesnor, on its passage from Hardeby, in Line, to Westminster Abbey.

bor. is evidently in a flourishing condition. Its markets are resorted to by the inhabs. of the ural districts; and the shops are numerous, ree, and thriving. The principal manufacture of boots and shoes; and a large proportion of er orders, men, women, and children, are emin this craft, which has thriven and increased the last 30 years, without being affected by the changes which have occurred within that period. upwards of 1,300 men (exclusive of women and) were employed in this trade; and we are as-

upwards of 1,300 men (exclusive of women and
)) were employed in this trade; and we are asn) were employed in this trade; and we are ashat the wages of the journeymen at present to the weekly sum of 2,000. The fixed prosf this trade has been assigned as the cause why
of the bor. was nearly doubled during the 20
receding 1831, and is stated to be still rapidly inj." (Mess. Bound. Rep.) These shoes are sent
; quantities to London, and furnish the chief supthe shops that deal in cheap, ready-made shoes:
; also, extensively exported. Leather currying
idlery are extensively carried on; but the stocklace trades, once very considerable, have greatly
i since the introduction of machinery at Lelcester
tuigham. There are also several foundries, and
nufacture of light brass and iron work is prosen rather an extensive scale. The Northampton nufacture of light brass and fron work is prosenrather an extensive scale. The Northampton Bank, Northampton Bank, Rocompany, a private und savings' bank, are established here; and the stwo weekly newspapers, one of which is amongst est provincial papers in England. Northampton merly the seat of a large posting business, which ning of railways has gone far to annihilate. She nited by railway with Peterborough and the lines to Lincolnahire and York on the one hand, and is Blisworth station of the Great N. W. Railway, other. The latter brings her within little more hours' distance of London; and the facility of inse thence arising has more than indemnified her tof the posting business. The Nen, also, and the sa canals uniting with that river, give to Norse thence arising has more than indemnined me i of the posting business. The Nen, also, and the sus canals uniting with that river, give to Nor-on the advantage of a water communication with rman Ocean, London, Liverpool, Manchester, and

i ampton is a bor. by prescription, and has received royal charters, the last being granted in the co. III. By the Mun. Reform Act it has been into 3 wards, and is governed by a mayor, 5 other en, and 18 councillors; having also a commission peace under a recorder, and a court of record for

NORTHUMBERLAND.

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civil suits. Corp. rev. in 1848-49, 10,0181. The assizes for the co. are held here in spring and summer; and quarter sessions in Jan., April, July, and Oct. A county court is also established here, before which 1,013 plaints were entered in 1848. The hor. has sent 2 mems. to the H. of C. since the reign of Edward 1.; the right of voting, previously to the Reform Act, being in inhabitant-householders occupying a distinct dwelling for 6 months previously to the election, and not having received aims for 12 months. (Bossed. Rep.) The electoral limits were left untouched by the Boundary Act, and in 1849-50, it had 1,819 reg. electors. Northampton is likewise the principal polling-place and election town for the S. div. of the co. A large cattle market is held every Saturday, and there are smaller markets on 2 other days. Extensive horse and cattle fairs, attended by jobbers from Al parts of England, Feb. 20., April 6., May 4., and Aug. 5.

ug. 5. After the Norman conquest North-Hamtune After the Norman conquest North-Hamisse, which, according to the Domesday Survey, had then only 40 burgesses, was given by William I. to Simon St. Lis, who built a castle here (now marked only by an earth-mound, on the W. side of the present town). Numerous synods and parliaments met here during the succeeding reigns; and, at the beginning of the 18th century, Northampton was considered of sufficient importance to have a mint. In the reign of Henry III. an attempt was made to establish a university here, consisting of emigrant students. In the reign of Henry III. an attempt was made to establish a university here, consisting of emigrant students from Oxford and Cambridge; but, though the scheme was at first sanctioned by the king, a mandate was afterwards issued to compel the students to return to their old seminaries, and to forbid the continuance of the establishment. In the wars of the Rosse, its neighbourhood was the scene of a great battle (fought 10th July, 1460), between Henry VI. and the Earl of March (afterwards Edward IV.), in which the former was defeated, and taken prisoner. In 1643, the town was selzed by Lord Brooke, who fortified it for the parliament. In 1663, Northampton suffered greatly from a flood, and in 1676 proose, wno fortined it for the parliament. In 1863, Northampton suffered greatly from a flood, and in 1873 was nearly destroyed by fire, the loss of property be ing estimated at 180,000. To this calamity, however, may be attributed the increased width and regular arrangement of the streets, for which it is remarkable above most other provincial towns.

most other provincial towns.

Northampton has been long celebrated in the annals of life insurance from the circumstance of Dr. Price having founded his famous table of the rate of mortality on the register of the deaths in the parish of All Saints in this town. But this table was far from being accurate at the time when it was framed, and is now very wide of the mark. And though it had represented the mortality in the parish of All Saints quite correctly, that was much too narrow a basis to be taken for a representation of the average mortality of England. The mortality in All Saints from 1735 to 1780 was about 1 in 30-4; and it is now only 1 in 43-5. now only 1 in 48.5.

Mr. Farr has given in the Appendix to the 8th Annual Report of the Registrar General, an extremely elaborate and learned account of Northampton, and of the errors in Price's mortality table. (Pp. 289—285.)
NORTHFLEET. See GRAVESEND.
NORTHUMBERLAND, a marit. co. of England, being the most northerly of the kingdom; having N. a small detached portion of Durham, by which it is separated from Scotland, R. the German Ocean, S. Durham, and W. Cumberland, and the co. of Roxburgh and Berwick, in Scotland. Area, 1,197,440 acres, of which about 800,000 are supposed to be arable, meadow, and pasture. It exhibits every variety of surface and soil. It is divided from Scotland and Cumberland by the Cheviot Hills, and a portion of the Pennine, or great central range of mountains, which stretch out into extensive moors, and cover a large portion of the W. parts of the co. with their ramifications. There are, however, very extensive tracts of low land along the coast, and in tensive moors, and cover a large portion of the W. parts of the co. with their ramifications. There are, however, very extensive tracts of low land along the coast, and in the vales of the Coquet, Tyne, and other rivers, the soil of which consists, for the most part, of a strong clay loam, and is very fertile. The Cheviot Hills are mostly covered with fine verdure, affording excellent pasture for the peculiar and valuable breed of sheep, called by their name, and now so widely diffused; but the mountains and their offsets belonging to the Pennine range are mostly covered with peat earth; and are bleak, dreary, covered with heath, and interspersed with swampy morasses. The climate varies with the elevation and nature of the soil; but along the coast and in the vales it is dranged the soil; but along the coast and in the vales it is dranged the soil; but along the coast and in the vales do corn crops; but barley, beans, and peas are, also, extensively raised. Turnips are an important crop in the coast district; they are universally drilled, and their culture is no where better understood. Cattle are of various breeds; but the improved short-horns are now, perhaps, the no where better understood. Cattle are of various proced; but the improved short-horns are now, perhaps, the greatest favourites. Estates of all sizes, but mostly large. Farms, also, large, and their occupiers distinguished by their superior intelligence and enterprise.

Farms mostly held on leases, varying from 7 to 14 and 21 years. Farm-houses and cottages good. Average rent of land in 1843, 13s. 11st as much as 250 m. The area, pep., years. Farm-houses and cottages good. Average rent of land in 1843, 13s. 11st and large good. Average rent of land in 1843, 13s. 11st and large good. Average rent of land in 1843, 13s. 11st and large good. Average rent of land in 1843, 13s. 11st and large good. Average rent of land in 1843, 13s. 11st as much as 250 m. The area, pep., which is as much as 250 m. The area, quantities from the Tyne, for the supply of London and other ports on the E. coast, and for exportation. In proof of this, we may mention that of 2,552,705 tons of coal shipped coastwise from the different ports of the United Kingdom in 1849, 2,143,280 were shipped from Newcastle. (Parl. Paper, No. 512. Seas. 1850.) The pitmen, who are a numerous and important class, receive wages varying from 15s. to 25s. a week, and are bonourably distinguished among the working classes by their superior comforts a numerous and important class, receive wages varying from 13s. to 25s. a week, and are honourably distinguished among the working classes by their superior comforts and enjoyments. Their houses are generally clean, recomy, and well furnished; they live well, are but little influenced by political agitation, and are more orderly and decidedly less addicted to ardent spirits, cock-fighting, and such like demoralising sports, than they were 30 years ago. (Mismets of Committee of Cossoci on Education, p. 61.) Exclusive of its coal, Northumberland has mines of lead and iron, and abundant supplies of limestone and sandstone; the quarries of the latter at Cateshead Fell supplying the "Newcastle grindstones," so famous in most parts of the world. Principal rivers, Tyne, Coquet, Alne, Blyth, Wanabeck, and Till. Principal towns, Newcastle, Tynemouth, N. Shields, Morpeth, &c. It returns (Inc. Berwick) 10 mems. to the H. of C., viz. 4 for the co., 2 each for the bora. of Berwick and Newcastle, and 1 each for Morpeth and Tynemouth Registered electors for the co. in 1849-30, 5,372; bending 3,063 for the N., and 5,029 for the S. division. The co. is divided into 6 wards and 88 pars.; and had, in 1841, 48,710 inhab. houses, and 250.278 inhab; of whom 121,268 were males, and 129,010 females. Sum expended for the relief of the poor in 1848-49, 81,670f. Annual value of real property in 1816, 1,291,412; do. in 1848, 1,542,424. NORTHWICH, a market-town and township of Rogland, par. of Great Budworth, bund. of its own name, co. Chester, on the Weaver, 164 m. E.N.E. Chester, and 186 m. N.W. London. Area of dwanship, 200 acress. Pop., in 1841, 1,368. It has an antiquated appearance, with baddy paved streets. The church, which is subordinate to that of Great Budworth, is a large building, with a semicircular choft, remarkable for the curlous decorations on the roof of the nave. There which is subordinate to that of Great Budworth, is a large building, with a semicircular choir, remarkable for the curious decorations on the roof of the nave. There are places of worship, also, for Wesleyan-Methodists and Independents, with attached Sunday schools. A gram-mar-school was founded in 1658; it is handsomely en-dowed, and the government is vested in 12 trustees, who appoint both the masters and the free scholars. There appoint both the masters and the free scholars. There is, also, a charity school for 12 poor children. Northwich is one of the wicker or salt towns of Cheshire, and vast quantities of salt are annually produced in the town and its vicinity. The salt-mines are very extensive; they have been wrought since 1870; and the quantity of salt obtained from them is greater, probably, than is obtained from any other salt-mines in the world. In its solid state, when dug from the mines, the salt is not sufficiently mure for use, and is sent to Frodsham and other places. iron any other sail-mines in the world. In its solid state, when dug from the mines, the salt is not sufficiently pure for use, and is sent to Frodsham and other places on the S. side the Mersey, where it is refined, by being dissolved in see-water, and afterwards separated by evaporation and crystallisation. By far the largest quantity, however, of the sail now produced in Cheshire is obtained from the brine springs. The brine is first pumped up, principally by means of steam-engines, from very deep wells, and is collected in reservoirs, where it is somewines saturated or strengthened by an admixture of crushed rock-sail. The business has greatly increased within the last few years, and it is estimated that above 300,000 tone are annually produced in Northwich and its vicinity. A considerable number of the inhab. are also employed in the cotton manufacture. It has every facility for water-carriage by its position on the Grand-Tunk Navigation, and it is close to the Grand-Junction Railway. It is one of the polling-places at elections for the N. div. of Cheshire. Markets on Friday; a large cattle fair, April 10.; other fairs, Aug. 2. and Dec. 6.

NORWAY (Norw. Norse. Germ. Norweyers)

NORWAY (Norw. Norgé, Germ. Norvegen), a country of N. Europe, forming the W. portion of the great Scandinavian peninsuls, and at pre-sent united to the crown of Sweden. It extends, sent united to the crown of Sweden. It extends, including Norwegian Lapland, between the 58th and 71st degs. of N. lat., and the 5th and 31st of E. long.; having E. Russian Lapland and Sweden, S. the Skagerrack, separating it from Denmark, and W. and N. the North Sea, and the Atlantic and Arctic Oceans. Its entire length from the Naze, its most S. promontory, to the North Cape, is upwards of 1,100 m. Its breadth varies greatly. In Norrland near its Denmark, and W. and N. the North Sea, and the Atlantic and Arctic Oceans. Its entire length from the Naze, its most S. promontory, to the North Cape, is upwards of 1,100 m. Its breadth varies greatly; in Norrland, near its N. extremity, it may average about 50 m.; but to-

Dioceses.	Provinces.	Area in	Pap. 1845.	Capitale.
1	Aggerhuus	1,898	109,432	CHRISTIANIA.
l I	Smaalchnen	1,566	73,622	Moss.
Aggerhuus,	Hedemarken	9,516	87,118	
or	Christian -	9,418	102,730	_
Christiania	Buskered -	4,787	85,918	Drammer.
1 1	Jarlaberg }	856	63,070	Laurvig.
I 7	Bradsborg -	5,560	72,891	
Christian-	Nedenaes -	4.256	53,932	Arendal.
sand.	Mandahi -	2,042	61,918	Christiansond.
	Stavanger -	3,805	78.210	Stavenger.
Bergen J	8. Bergun-)	6,285	116,989	Bergen.
J.	N. Bergen-	7,515	77,978)
6	Romsdal -	5,983	81,314	Romedal
Treadhjem {	S. Trondhjem	7,094	89,319	Trondbian.
, s	N. Trondhjem	8,668	66,570	
1 (Norrland -	15,052	65,512	Bodoe.
Norriand -{	Pinmark, (Norw. Lapland)	27,470	43,938	Tremes.
Totals -	1	121,725	1,328,471	

Totals 121,725 1,325,471

In 1835, the pop. amounted to 1,194,827, vis. 585,281 males, and 609,446 females, the ratio of the two sexes being as 100 to 104.

Physical Geography.— The chief physical characteristics of Norway are its fickle and flords; the first being lofty mountain plateaux in the interior, and the second deep indentations or arms of the sea all round the coast. Nearly the whole of the country is covered with mountains. The main chain, called the Kiölen (or keel), forms the line of separation between Norway and Sweden, as far S. as lat. 630; but thences forward it tends to the S.W., under the names of Dovre-field, Langefield, &c., forming the watershed between the rivers flowing into the Skagerrack on the S.R. and the North Sea and Atlantic on the W. Many of the Norwegian mountains rise to from 6,000 to 8,000 ft. above the level of the sea. The Sneebactta, (lat. 639; long, 99 40'), 8,120 ft. in height, has been long considered the most elevated point of land; but it is now supposed that the Hurunger Fjeld, in the prov. Bergen, overtops the former by at least 700 ft. (Laing, p. 31.) The Flords have been sometimes compared to the Scottish friths; but they are generally smaller than the latter, and rather resemble the Scottish salt-water locks. They are most numerous on the W. coast, where the Sogne and Hardenger Fjords, with their continuations, streech inland for at least 100 m. in a direct line; and are of the greatest use as means of communication. Norway has numerous rivers, some of which, as the Glommen, Lougen, Drammen Nid, &c., all taking a S. E. direction, are of large disc; but their courses are so beset with cataracts, that they are of little service for the season of the greatest use as means of communication. Norway has numerous rivers, some of which, as the Glommen, Lougen, Drammen Nid, &c., all taking a S. E. direction, are of large disc; but their courses are so beset with cataracts, that they are of little service for the country. Dut none of them can be compared in respect of exten

spires the Norwegian fishermen with as much terror as Charybdis did the ancient navigators of the Mediterraneau; and, perhaps, with more reason.

Geology.— The formations of Norway are for the most part primary. The mountains were long supposed to consist almost exclusively of granite, but in reality this rock is far from common. The most abundant rock is gnelss; next to which, though by no means so widely diffused, is mica slate, resting upon and alternating with the gneiss; and in beds subordinate to both, are limestone, quarts, and hornblende. Upon the high table lands, the ground is often covered with blocks of a conglomerate rock, in which pebbles of quarts, feldspar, and other crystallised substances are embedded, and which, being smooth and rounded, have evidently been, during a remote but lengthened period, subject to violent friction. Mr. Lyell (Princip, of Geology, I. 336.) denies the Scandinavian peninsula; but his opinion, though entitled to great weight, differs from the statements of some recent travellers, from which it would seem that earthquakes are not unfrequent, and that the physical appearance of the country, especially of its fjords, almost demonstrates that it has at a distant period been upheaved by volcanic action. (See Laing's Norway, pp. 76, 76.—114, &c.)

NORWAY.

t snow-region. The same vegetables and fruits is in England, except apricots and peaches, woods cease at 59°. From 59° to 60° the average is about 44° Fahr.; all kinds of grain grow here best soils, and the same fruit trees as before, but the plum ceases to ripea. From 60° to 61° the temp. on the coast is 43°; in the interior, 41°. division the plus and Norway fix become the prant forest trees, with birch, hazel, and aspon. The ases; and beyond 61° the oak is not seen in pert. The principal crops are rye, oats, flax, and but wheat ripeas in favourable situations. Be-11° and 63°, the average temp. Is about 40°; all the n fruits still ripen; as will wheat, in certain places; a grain is very precarious and little cultivated. 13° the ash is scarcely seen. The region between 63° comprises the highest land is the country, upper 5,000 ft. of the Doone Fjeld is covered with all snow. The average temp. of the valleys in this

upper 5,000 ft. of the Doone Fjeld is covered with al snow. The average temp, of the valleys in this about 39° Fabr. Beyond 63°, peas begin to be ous, cabbage ceases to come to perfection, fax ripens, and wheat is not seen, except near the st in small quantities; but the pine and fir tribes, mountain-ash, and aspen flourish. From 63° to hardier fruits ripen in sheltered situations only, a begin to be a precarious crop. From 64° to 65°, a and barler ripen; but beyond 65°, neither oats fruit, except currants, succeed; and the pine to degenerate. Respecting the climate of the further N., see Lapland, sate, p. 189. a begin to be lighted in Christiania in the middle in, and cannot be dispensed with till the middle; the summer then advances rapidly, and the

or organistrate. Respecting the cinate of the further N., sec Lapiando, suite, p. 139.

s begin to be lighted in Christiania in the middle; the summer them advances rapidly, and the meter, in July, often rises at noon to shove 800 but the heats are of short duration; frosts frecocurring in the latter end of August. The st, though proverbially rainy and damp, is not thy: in the interior, the atmosphere is usually bracing. In some places vegetation is so quick corn is sown and cut within six weeks.

(Agriculture, &c. — Norway is essentially an tural and pastoral country. In 1835, of a total op. of 856, 381, of whom 434, 267 were above 10 f age, 309,000 were connected with agriculture, spropriotors, farmers, or farm-servants, journ, country paupers, &c. 28,903 were estimated to aged in navigation and the fisheries; 23,145 in rec and manufactures; 1,192 were government. 2,104 pensioners, and 4,730 pauper inhabs. of Only about 100th part of the entire surface is sit to be under culture, or otherwise productive. way is a country where the feudal system was stablished, the land is mostly the property of ho cultivate it. Such land is termed sada, a its origin probably the same with the Gorman fc4, or noble, since it carries an equivalent meanilits applications. Udal land is noble land, held under no superior, not even the king; but by it right by which the crown itself is held. It is ed, consequently, without charter, and is not to fines, eschesias, forfeitures, nor personal suit ice; nor to any of the burdens affecting land held al tenure direct from the sovereign, or from his rvassal. The succession to land is not to fines, eschesias, forfeitures, nor personal suit ice; nor to any of the burdens affecting land held al tenure direct from the sovereign, or from his rvassal. The succession to land is not to fines, eschesias forfeitures, nor personal suit ice; nor to any of the burdens affecting land held al tenure direct from the sovereign, or from his rvassal. The succession to land is not to fines, eschesias for feitu

35 the number of taxed agriculturets was 108,192 m 72,624 were proprietors, enjoying the odels ret, 30,568 individuals, with only the limited posses-

use of a farm.
18 generally consist of 3 divisions; the in-field, or is generally consist of 3 divisions; the in-field, or closed for the crops and best hay; the mark, or i, also enclosed for pasturing the cattle; and the a tract of unmeasured grass land, which is some. 30 or 40 m. distant; and on which chalets are i, and the cattle are pastured for 3 or 4 months in r. A farm of average size is stated by Laing to omprised 290 acros, exclusive of the scater. Of tent, 148 acres, comprising the in-field, were i: only about one-third, however, yielded corn and

way.

| Dotatoes, the remainder being always in grass for hay. The out-field is usually half cleared, being fenced of and ploughed in patches; and it is in this division that the housemen or cottlers, paying from 3 to 4 dolls. each of rent, and working at about 8 skillings (3d.) a day, with their bod, have their houses and their senced pieces of sold. The farm referred to above, supported 30 cows. 7 horses, and a score or two of sheep and goats. The accommodations for the eastle were very good, the cowhouse being floored with timber, and lighted by glass windows: the cows were tended by a woman. The rent was 300 dolls. a year; the taxes, including tithe, poor-rate, and all other direct assessments, amounted in all to about 26 dolls.; the indirect taxes, including excise and other duties, were inconsiderable. A property like this is reckoned worth about 4,000 dolls.; and the prices of ordinary estates vary from 2,500 to 4,500 dollars. Almost all the houses are of wood they are generally comfortable; and owing to the facility with which they may be constructed, there is but little difference between the residence of a public functionary, a clergman, or a gentleman of large property, and that of a bonde or peasant proprietor. The division of property among children prevents the erection of any splendid mansions, or any thing more expensive than is proportioned to the property upon which it stands.

Except in a few havoured spots the arable land is, generally speaking, sandy and poor. Hence, if a few days of warm sunshine succeed each other without rain, as is frequently the case in the early part of summer, the roots of the corn and grass are apt to be burned up in autumn, on the contrary, the decreased warmth prevents the corn from ripening, and not unusually, even in favourable seasons, it is injured by violent autumnal rains. Mr. Malthus says there are three nights about the end of August, distinguished by the name of tros sights, on account of their sometimes blasting the promise of the fairest harvests. (i. p

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mon.

All over Norway there are corn magasines, to which the farmers may send their surplus produce, and whence, also, they may be supplied with loans of corn; the depositors receiving at the rate of 124 per cent. of increase on the corn deposited for a twelvemonth; and the borrowers replacing the quantities advanced at the expiration of the same period, with 35 per cent. increase. These depositories are found to be useful in consequence of the extreme precariousness of the crops. The difference between the increase allowed on the corn received, and that charged on the corn seven out, pays the expenses. In the north, and even on the corn received, and that charged on the corn given out, pays the expenses. In the north, and even in other parts, in years of scarcity, the inner rind of the fir tree, killu-dried, and ground, is used, together with own meal, for bread. Some travellers have, strangely enough, and without sufficient information, denied this fact; but, according to Laing, the use of this material is enough, and without sufficient information, denied this fact; but, according to Laing, the use of this material is more extensive than is generally supposed. The inner rind next the wood is taken off in fakes, like foolscap paper, steeped in warm water, and hung to dry in the sun. When dry it is pounded in small pieces, mixed with corn, and ground on the hand-mill. The extended cultivation of the potatoe since the peace, has probably placed the inhabs. of the lower country beyond the necessity of generally using it; but those in the higher parts use it, more or less, every year. It is not unpalatable, but is costly. The value of the tree, left to perish, would buy a sack of flour, if the Bnglish market were open. "The Norwegians starve, and we shiver in our dwellings, though each country has the meems of relieving the other with advantage to itself; and all for the sake of supporting colonies and other interest, which add little to the well-being of the people of Great Britain." (Laing, 340, 341.)

The most profitable branch of rural industry is cattle breeding. The cattle are small in the bone, thin skinued, usually red or white, and obviously of the same stock with the common unimproved breed in England, France,

and Gormany The cows give excellent milk, and dalry produce enters largely into the food of every family. Goats are a favourite stock, and on every farm they appear more numerous than sheep. Hogs are not numerous. The horses are, in general, inferior to those of Sweden. The real Norwegian pony, however, met with in the N. of the country, is an admirable little animal, fast going, hardy, and fit for a great deal of work. A few are occasionally imported into Scotland. The live stock suffers frequently from woives and bears, the hunting of both of which is actively pursued; but that of the latter not so much as formerly, the price of bear skins having greatly fallen. The elk, and many kinds of game, are found; and in the N. large herds of rein-deer constitute the chief wealth of the Laplanders. Aquatic birds are so abundant, that the search after their eggs occupies a large share of the attention of the inhabs. of the coast.

occupies a large share of the attention of the inhabs. of the coast.

From the want of markets, and of other facilities for commerce, the Norwegian farmer is seldom able to convert his surplus produce or savings into money. His subject, indeed, is not to raise produce for sale, but to supply himself with the various materials required for the food, drink and clothing of his family. "The food of the labourers who work for gentlemen or large farmers, consists of black rye bread and salted butter or cheese, for breakfast; and bolled barley and a herring, or some other fish, with beer, for dinner. Once a week, and sometimes twice, they have firesh meat. The common people live nearly in the same way, only not quite so well; and some who have large families are often in great distress." (Clarke's Trusels, x. 448.) Mr. Laing says that the labourers get frequently at their meals an allowance of home-made potatoe or corn spirit. The latter article is especially abundant, being distilled, without let or hindrance, on every farm. Great quantities are drunk, its price being only about 14d. a gallon. The farm labourers, called housemen, live, as has been stated, in cottages on the mark or outfield, at fixed rent for 2 lives, under the obligation of furnishing a certain number of days' work on the main farm, at a certain rate of wages. A system, in some respects similar, prevails in some of the best cultivated districts of Scotland; but, according to Mr. Laing, the Norwegian houseman is better off than the Scottish married farm servant. Land, he says, being of less value in Norway, the houseman has more of it; in fact, it constitutes a complete little farm, keeping generally 2 cows and some sheep, and producing a full subsistence for a family-s The law of the country has especially favoured the class of housemen. In default of a written agreement registered in the par. court, the houseman is presumed to hold his possession for his own life and that of his wife, at the rent last paid by him. He may give up his land and remove From the want of markets, and of other facilities for commerce, the Norwegian farmer is seldom able to con-

see, an abundance of Cot., whiting, anadom, the rings, &c. is caught daily for use and for sale, by the seafaring peasantry.

The Forests and Mines of Norway might be rendered two of its principal sources of national wealth. Fir timber, ceals, &c. are among the chief exports. But the want of navigable rivers, canals and roads occasions great difficulties in the conveyance of timber to the coast; for it is only during the spring thaws that the rivers or torrents are deep enough to float the timber down to the fjords. No doubt, however, were the timber trade of this country placed on a proper footing, by doing away with the impolitic preference given to American timber, a great stimulus would be given to its importation from Norway; and the advantages thence arising would, it may be fairly presumed, lead to the formation of improved means for supplying the shipping ports with timber and deals. The manufacture of the latter is the principal branch of industry carried on in the country. They are mostly shipped from Christiania, Drammen, &c. "Their forests are of the most essential service to the Norwegiaus, who apply their products to an infinite variety."

Dr. Clarks, however, says, that in the neighbourhood of Christi-

of purposes. Their summum bossum seems to consist in the produce of the fir. This affords materials for building their houses, churches, and bridges—for every article of their household furniture—for constructing sledges, carts, and boats—besides fuel for their hearths. With its leaves they strew their floors, and afterwards burn them, and collect the ashes for manure. The birch affords, in its leaves and tender twigs, a grateful fodder for their cattle, and bark for covering their houses. The bark of the elim, in powder, is boiled up with other food, to fatten hogs: sometimes also, though rarely, it is used in the composition of their bread." (Clarke, x. 344., 8vo. ed.)

No coal has yet been discovered in Norway; but Berendish, between the N. Cape and Spitzbergen, appears to

No coal has yet been discovered in Norway; but Berendish, between the N. Cape and Spitzbergen, appears to consist principally of that mineral. Some is occasionally brought thence by Tromsoe and Hammerfest whalers; and, were the forests raised to their due importance by better means of conveyance, it is probable that coal might be supplied to the country in quantities which would render the cutting down of the trees for fuel in a great measure superfuous. The Iron of Norway, though inferior to that of Sweden, is of excellent quality, and very generally found. Copper is found at Borass: and

would render the cutting down of the trees for fuel in a great measure superfuous. The iron of Norway, though inferior to that of Sweden, is of excellent quality, and very generally found. Copper is found at Roraas; and near Kongaberg a silver mine, which has been wrought for upwards of 200 years, was, about the middle of last contury, accounted the richest in Europe. In 1768, it produced ore to the value of 79,00%: it has since, however, materially declined. Lead, cobalt, arsente, and a little gold are met with in various places. At Walde is a sait mine, producing about 20,000 tons a year. Alum, asbestos, marble, slate, building stone, &c., are among the other mineral products.

Manufactures are almost wholly domestic, the division of labour being carried to a less extent in Norway than in, perhaps, any other European country. The bonder, or agricultural peasantry, build their own houses, make their own chairs, tables, ploughs, carts, harness, iron-work, basket-work, and wood-work; in short, except the window glass, cast iron ware, and pottery, every thing about their houses is of their own make. The Norwegian peasant, indeed, unites most trades in his own person, his principal tool for executing all kinds of work in wood being the knife he carries in his girdle. The shoemaker and talior go round and cobble and sew for a few weeks at each village, getting their maintenance, and being commonly paid over or above, in potatoes, meal, butter, or other produce. Spinning-wheels and looms are at work in every cottage and house in the country; the farmers and country people spinning their own flax and wool, and weaving their own linen and woollen clothes. An official report, in 1829, made the total number of manufacturing establishments 237, but of these 138 were distilieries and 80 tobacco factories, principally in Christiania, Drammen, and Bergen. There are, in fact, very few fabrics of clothing materials; and few Manchester or Glasgow fabrics are seen. No doubt, however, were greater facilities afforded to the Norw

-Foreign trade is in a very Commerce.—Foreign trade is in a very depressed state from various causes, but principally from im-politic restraints. Bergen and Trondhjem were for-merly members of the Hauseatic Association, on the decline of which these towns retained, and still bold separately, the same privileges they enjoyed in con-junction with the other members of that body, though Christiansand and some other minor towns have suc-Junction with the other members of that body, though Christiansand and some other minor towns have succeeded, after a long struggle, in obtaining a share of the commercial monopoly. The merchants and shopkeepers in Norway are all licensed burgesses of Bergen, Trondhjem, or other privileged towns, to which they pay a certain tax; and each has a certain tract or circle belonging to his factory, within which no other person is entitled to buy or sell. The imports consist principally of coffee, sugar, tobacco, corn, spices, brandy, wines, tea, &c., and the exports of fish, timber, and other native produce. The trade of Norrland and Finmark is, however, different from that of the rest of the kingdom. The privileged traders do not supply the inhabs. of these provs. with necessaries, except during the winter fishing season; and as no other Norwegian dare interfere, the trade of these provinces is now almost wholly in the hands of the Russians, whose ships have been, since 1838, allowed admission, free of duty, into every port N. of Tromsoc.

Owing to the thinness of the population, and the bad state of the roads and other means of communication, there is but little internal trade. "Even in the largest towns, such as Christiania and Trondhjem, there is nothing that can be called a market. It is extremely difficult to get a joint of fresh meat; and a pound of fresh butter is an article not to be purchased even in the midst of summer. Fairs are held at certain seasons of the year, and stores of all kinds of provisions that will keep are ladd in at these times; and, if this care be neglected,

^{*} Dr. Clarke, however, says, that in the neighbourhood of Christinia, the housemen have seidom land to keep a cow (x. 450.); and se understand that this is frequently the case in other parts.

conveniences are suffered, as scarcely any thing is ught retail. Persons who make a temporary e in the country, as small merchants, not postarms, complain heavily of this inconvenience." s, i 372.) Latterly, however, some improvements made in the facilities of interchange; and the iences depicted by Mr. Malthus have been in so

nished.

Ank of Norway, established in 1816, has its bead Trondhjem, and branches in Bergen, Christiania istiansand. Its principal business consists in ig in its own notes, upon first securities over r sum not exceeding two thirds the value of the istlansand. Its principal business consists in in its own notes, upon first securities over sum not exceeding two thirds the value of the at 4 per cent. interest. The notes of this at only a trifling discount when compared with all tips paper is in general use in Norway instead for sums above a mark. The mark or ort of 94c, iiish; 5 marks = 1 specie-dollar. Money being niternal traffic is almost wholly conducted by Provisions are generally cheap; and a dollar has this respect, estimated as equivalent to a pound in England; but it should be added, that the ans, especially the innkeepers, never omit an op- of overcharging travellers. The most usual travelling in this country is with the carriole, a ringe formed somewhat like a shell, and slung the shafts and two cross bars, horsed as in by the farmers along the road, at the order of massier. The price of posting in this manner 4d. a mile. Steamers ply along the coast benistiania and Bergen, but there is no similar leation further N.

smeat.—Though Norway be under the same ith Sweden, she is no more connected with that than Hanover was formerly with Great Britain. Stutution differs from that of Sweden in many it respects. The Swedish government is in part tical; that of Norway is an hereditary monarchy, mocratic assembly only. This, which is called Aing, consists of a certain number of members, 75 and 100; about one third of whom are repte towns, and the rest by the rural districts. ative Norwegian of 25 years of age, who is a fany town, or possesses property, or the life-ind to the value of 20d., is entitled to elect and be but for the latter privilege he must not he less ears of age; nor an officer of the crown (which resentative or organ in the Norweylan storthde he must have resided in Norway for 10 years.

cars of age; nor an officer of the crown (which presentative or organ in the Norwegian storth-dhe must have resided in Norway for 10 years. ntry is divided into election districts and sub-according to their pop. The mode of election, being performed through the intervention of men. In the towns one election-man is chosen 50 voters; in the rural sub-districts by every s: the choosing of these takes place in the parish the end of every third year. The election-men is meet at the place appointed for the district or in election, and there elect among themselves, or mg the other qualified voters of the district, the statives to the storthing, in the proportion of one the number of election-men for the towns, and of those for the rural sub-districts. Substitutes tose who have the next number of votes) takes of both election-men and mems. of the storths of both election-men and mems, of the storth-e event of their unavoidable absence from duty. s of both election-men and mems, of the storthic event of their unavoidable absence from dutything meets for 3 months once in 3 years, suo
not by any writ from the king or the execumay be convened at other times, but in that case
is only temporary acts, which must be ratified
tenext ordinary session, otherwise they do not
leav. Each storthing settles the taxes for the
three years; enacts, repeals, or alters laws;
uns on the credit of the state; fixes the adminisoff the revenue; impeaches and tries before a
fits own body all state ministers, judges, and its
mbers, &c. This body, when elected, divides
o two houses. One, called the laything, has
corresponding generally to those of our House,
and is composed of one fourth of the total
of members of the storthing; the other three
onatitute the odelsthing, or lower house; and all
enactments must originate in this division. A
has passed both houses usually becomes law,
ing the sanction of the king. But the Norwething enjoys a right which no other legislative
in Europe possesses. If a bill pass through
sions in three successive storthings, on the third
the content of the land without the royal
and this right was exerted when the Norwegians and this right was exerted when the Norwegians I their hereditary nobility in 1821. Each member rithing has an allowance of 14 dollar a day during

n.

ode of assembling the people in the country for
isiness is simple, but curious. A budstick, or
stick, about the size and shape of a contable's
ith a spike at one end, is made hollow to hold a
paper, on which are written the official notice to

meet, with the time, place, and object. This is delivered from the court-house of the district to the nearest house-holder, who is bound by law to carry it, within a certain time, to his nearest neighbour; he must transmit it to the next; and so on. If the owner be not at home, the bearer is to stick it; "in the house-father's great chair by the fire-side;" and if the door be locked he must fasten it so the outside. He who, by neglect in passing the budstick, has prevented others from attending, pays a fine for every person so absent.

budstick, has prevented theirs from attending, pays a fine for every person so absent.

Justice, &c. — The Norwegian peasantry were never adscripti glebs, subject to local judicatories, as in feudal countries, but subordinate only to the general jurisdiction of the country. The small kings, expelled in the ninth century by Harold Haardager, seem never to have attained the powers of the great feudal lords in other countries, but were the countries, but were the countries. but were always in some degree dependent upon the general things, or courts, of the people. Trial by jury is a very ancient institution in Norway; but many of the details in the administration of justice originated with the Danes. The latter instituted the courts of mutual agreetalls in the administration of justice originated with the Danes. The latter instituted the courts of mutual agreement, one of which exists in each parish, the arbitrators being chosen by the householders every third year. Norway is divided, for legal purposes, into 4 stifts and 64 sorenshriveries. In each of the latter divisions is a legal court, which sits once a quarter, and in which the sorenshriver, who presides, has only a vote as a member of the jury, a majority of whom decides the case. The stifts and 64 sorenshriver, who presides, has only a vote as a member of the jury, a majority of whom decides the case. The stifts and 64 stablished in the chief town of each stift, are the courts of appeal from the foregoing. The hoisete-ret, in Christiania, composed of a president and eight assessors, is the highest court, and one of final resort. The special courts are the rigs-ret, or lagthing, the ecclesiastical, and the military ribunals. Judges are responsible in damages for their decisions. Capital punishment has been abolished; slavery in chains, for a longer or shorter period, being the ordinary sentence for all kinds of crimes.

The retigion is the Lutheran; but much ceremony still remains in the forms of worship. Norway is divided into 5 bishoprics and 336 parishes: the latter divisions are very extensive, but several are frequently under the cure of one priest. The incomes of the plane of the bishops to 4,000 doils. a year. (Laing, p. 180.) The former are paid by means of rents from glebe lands, a small tithe of corn from each farm, or of fish in some parts, and fees, and other unifixed sources of revenue. There are no dissenters; all sects of Christians are, however, tolerated, but Jews are excluded from settling in Norway, nor are even suffered to remain in the country for more than a few hours at a time.

even suffered to remain in the country for more than a few hours at a time.

In 1837, 176,783 persons, or about one seventh part of the pop., were receiving public instruction. Schoolmasters are settled in each parish, who live either in fixed residences, or move at stated intervals from one place to another, and who frequently attend different schools, devoting one day only in the week to each. They are paid by a small tax levied on householders, besides a personal payment from each scholar, amounting, in the case another, and who frequently attend different schools, devoting one day only in the week to each. They are paid by a small tax levied on householders, besides a personal payment from each scholar, amounting, in the case of agricultural servants, to about 8 skills., or half a day's wages in the year. Instruction in the primary schools is limited to reading, writing, arithmetic, and singing, with sometimes the rudiments of grammar and geography. Almost every town supports a superior school; and in 13 of the principal towns is a Learnest sholey, Latin, Greek. Norwegian, German, French, English, mathematics, history, geography, &c. Christiania has a university, founded by the Danes, in 1811, which is modelled on the system of the German universities, but differs from them in the professors not receiving fees; and in which the number of students varies from 600 to 800. (Bremmer.) There are, also, schools of drawing and architecture, commerce and navigation, and other special schools. Sunday-schools have been widely established; and the Society of Public Good maintains a public library in most para. of the kingdom.

The press in Norway is altogether free. Every man is at liberty to print and publish what he pleases, being responsible, however, for what he does print. No tax exists on newspapers; and somewhat more than 20 are published in the kingdom, besides several scientific Journals. But, notwithstanding these aids to science and advancement, Norwegian literature is not in a very dourishing state, and can by no means bear to be compared with that of Demmark or Sweden.

The army of Norway consists of about 10,000 infantry, 1,000 cavairy, 1,000 artillerymen, and 180 engineers; in all, 12,150 men. A milital is raised throughout the interior, into which all males, between 37 and 30 years of ace, must enter; and on the sea ocast there is a kind of marine militia, in which all seafaring men, and inhabs. of sea ports of a certain age, must be enrolled. The made force consists of 8 brigs and 117 gun boats. (Alm. de Gotha.

The public revenue, for the three years 1839-1841, was

estimated in the budget of the former year at 2.130,000 dolls.; the expenditure for the same period is fixed at 2.415,936 dolls.; the deficiency will be made up from the reserve funds in the hands of the government.

**Prople, 3c. — The Norwegians are members of the widely spread Teutonic race. The men are, in general, rather small in stature, but well made, and appear to have great muscular power. The Gludbransdal peasants are said to be the most athletic, but they are decidedly, as a body, shorter and slighter of limb than the mountaineers of Delecarlia, in Sweden. Their complexions, hair, &c., are fair, and resemble more of the Danes, and other N. German tribes, than the Swedes. The dress of the men varies greatly in the different districts, being, for the most part, more gay and fanciful than that of the women: in the towns, however, the upper classes have fully adopted the costume common in the rest of Europe. "The peasants possess much spirit and fire in their manner, are frank and undaunted, yet not indolent; never fawning on their superiors, yet paying proper respect to those above them. The principal mode of salute is by offering the hand; and when we gave them a trifie, instead of returning thanks by a word or a bow, they shook our hands with great frankness and cordiality." (Coxe's Travels in the North of Europe, v. 7.)
They are generally addicted to drinking, and the standard of morals is said to be, in other respects, higher in Sweden than in Norway. Women are very geneand of morals is said to be, in other respects, higher in Sweden than in Norway. Women are very generally employed in field-labour; and beggars are numerous, especially in the towns. The average number of illegitimate births is about 1 in 5; and in one district it

raily employed in inclu-anout; and boggas are numerous, especially in the towns. The average number of illegitimate births is about 1 in 5; and in one district it was, from 1826 to 1830, as much as 1 in 3½. (Laing, 151.) But illegitimate children are most commonly legitimised by a legal act, and are seldom or never abandoned by their parents. The Norwegians are extremely fond of dancing, music, and dramatic entertainments, which are the principal amusements introduced at their festivities. History.—Norway is interesting as the original seat of the Northmen, who made such frequent descents on the coasts of England and France in the dark ages, and who were the ancestors of that remarkable people the Normans, who conquered and carried their institutions to England and other of the fairest portions of Europe.

Little is known of the history of Norway before the end of the 9th century, when Harold Haarlager united the whole country under his dominion. Christianity was introduced by Olaf I. in the succeeding century. In 1387 Norway was annexed to Denmark, to which it remained attached till 1814, when the Allied Powers gave it to the Swedes in indemnity for Finland. The Norwegians, indignant at the transfer, took arms, and elected Prince Christian Frederick of Denmark for bother king; but the latter resigned the crown in the same year, and the country has since been united to without difficulty so long as the Swedish cabinet attempts no rash or violent changes in the internal administration of the country. (Official Reports; Laing's Norway is an able work, but its statements are obviously much too favourable, and must be received with great modification; Bremner's Excursions, vol.1.; Core, Inglis, Clarke, Barrow, &c., passim; Dict. Géog.)

NORWICH, a city of England, being a co of itself, and an important manufacturing town, locelly situated

NORWICH, a city of England, being a co. of itself. NORWICH, a city of England, being a co. of itself, and an important manufacturing town, locally situated in hund. Humbleyard, co. Norfolk, of which it is the cap., on the navigable river Wensum (crossed here by 10 bridges), 56 m. N. R. Cambridge, and 96 m. N. N. E. London; lat. 520 7' N., long. 10 16' E. Area of the city and co. 5,920 acres: pop., in 1811, 37,256; ditto, in 1821, 50,328; ditto, in 1841, 60,382; and probably, in 1850, 63,000. The co. of the city is of an irregular circular form, with an average diameter of about 54 m. the city city and co. 1880 acres. 1991.

1821, 80,288; ditto, in 1841, 60,982; and probably, in 1850, 63,000. The co. of the city is of an irregular circular form, with an average diameter of about 5½ m., the city itself standing a little B. of its centre on the slope and aummit of a hill, gently rising from the river. The buildings are, in a great measure, circumscribed by the remains of the ancient fortifications which still exist, particularly on the W. and N. sides of the city. The streets, with the exception of Giles Street, and one or two move, are narrow, and so irregularly laid out, as to preclude the possibility of any general description. It has, however, many handsome houses, open spaces, &c., and is well paved, watched, and lighted with gas: and its appearance from a distance is remarkably striking. The castle and cathedral are the principal public buildings; but it has no fewer than 36 par. churches, besides chapels and other edifices. The castle (supposed to have been but it has no fewer than 36 par. churches, besides chapels and other edifices. The castle (supposed to have been built at intervals between the 10th and 12th centuries, by Canute, Roger Bigod, and others,) occupies a commanding eminence near the cattle-market in the centre of the town, and is a very imposing object at a distance: the part now extant forms a large square, on the B. side of which the an entercommand the statement of the contraction. the part now extant forms a large square, on the E. side of which is an entrance tower, recently restored on the original plan. The entire building formerly occupied an area of 23 acres, and had three nearly circular and concentric lines of defence formed by a wall and ditch: the inner ditch, now laid out in gardens, still remains, in-

WICH.
closing the inner ballium, and is crossed by a semicircular bridge of one arch, 40 ft. in diameter, forming
one of the largest and most perfect Saxon arches in the
kingdom. In 1793 a co. gaol was commenced on the
Castle-hill; and at the same time the ditch was enclosed
with iron palisades and gates. Within the precincts,
also, a new co. hall has recently been erected in the
Tudor style. These modern additions, however, are
quite incongruous with the ancient and venerable appearance of the original Norman fabric. The cathedral,
originally built in 1086, but subsequently so repaired and
enlarged that it did not assume its present form till the
16th century, is one of the largest and finest exclesiastical edifices in the kingdom. The plan is almost
wholly Norman. It consists of a nave, with side aislea,
2 transepts, and a choir with a semicircular R end: the
whole length from W. to E. is 411 ft., that of the transepts from N. to S. being 191 ft., and the breadth of the
nave and choir, 72 ft. The cloisters form a square of
174 ft. within the walls adjoining the S. side of the nave.
From the intersection of the cross formed by the nave. 174 ft. within the walls adjoining the S. side of the nave. From the intersection of the cross formed by the nave, choir, and transepts, springs a lofty Anglo-Norman tower of stories, highly ornamented and surmounted by an elegant spire, rising 317 ft. from the basement of the church. The W. entrance is extremely beautiful, and is the best point of view from which the cathedral can be seen; but the friable nature of the stone used in its construction. but the frishe hatter of the stone used in its construc-tion has caused a decay of the more salient ornaments, and thus greatly diminished the external effect. The appearance of the interior is, on the whole, grand and imposing; the architecture, however, is of various arras, imposing; the architecture, however, is of various eras, from the Anglo-Norman to the English-perpendicular style; and modern alterations and additions have not always been in the best taste. The ecclesiastical establishment consists of a dean and 6 prebendaries, now 5, and having a nett revenue of 6,240%, besides 8 minor canons with separate allowances; but it is to be subjected to various retrenchments. The bishop's diocese comprises the whole of Norfolk, with part of Suffolk, and the revenue amounted, in 1838, to 4,465%. The episcopal palace stands N. of the cathedral, on the site of that built by the founder: it was erected in 1318, and, after undergoing repairs, and receiving considerable enlargements from successive prelates since the Restoration, has become a tolerably commodious residence, attached to which is a large and well-laid out garden, comprising some ruins of toleraply commonous residence, attached to which is a large and well-laid out garden, comprising some ruins of the hall belonging to the ancient palace. Near the W. front of the church is an ancient chapel, dedicated to St. John the Evangelist, which had underneath a charnelhouse: it is now used as a free grammar-school. Near it are the two ancient gates of St. Ethelbert and Erping-ham; the former is in the decorated English, and the latter a fine specimen of the late perpendicular style. ham; the former is in the decorated English, and the latter a fine specimen of the late perpendicular style. Among the churches, which are here more numerous than in any city except the metropolis, a few deserve notice as good specimens of ancient architecture. St. Peter's, Mancroft, at the corner of the market-place, is a large edifice in the perpendicular style, surmounted at its W. end by a lofty tower; the inside is remarkably light and elegant, and it has a fine altar-piece and E. painted window. The churches of St. Andrew, St. George Colegate, St. Lawrence, and St. Sawlour, present similar architectural features, having high towers either of stone or fint. Those of St. Ethelred, St. Benedict and St. Julian, have round towers, and belong apparently to the early Norman ser; but they have been much altered and mutilated. Norwich abounds, also with the remains of other ecclesiastical edifices. The common-hall, in St. Andrew's parish, consists of the nave of a church attached to a monastery of Black Friars; the workhouse till very lately occupied an old Flemish convent, near which is the Dutch church, now used as a chapel to the workhouse, and St. Giles's hospital comprises portions of the former church of St. Helen's. There are 2 R. Catholic chapels, 7 places of worship for Baptists, 3 for Independents, 3 for Calvinist-Methodists, 5 for Wesleyan or Primitive Methodists, 1 for Swedenborgians, 1 Unitarians; bosides which, the Society of Friends have 2 meeting-houses, and the Jews a synagogue. Attached to the various places of worship are numerous Sunday schools, which, the Society of Friends have 2 meeting houses, and the Jews a synagogue. Attached to the various places of worship are numerous Sunday schools, of which about a half are supported by the Established Church, and the rest by dissenters; the whole furnishing religious instruction to upwards of 7,000 children; bealdes which, there are several endowed charity-specific that the test of the several endowed charity. schools, with national, Lancastrian, and infant schools, either wholly or in part supported by subscription, and attended by about 3,800 children of both sexes.

The free grammar-school, founded in 1318, and restored by Edward VI., is maintained out of the funds of

stored by Edward VI., is maintained out of the funds of a corporation charity, called the Great Hospital: it has an upper and under master, and possesses fellowships and exhibitions at Caius College, Cambridge. The boys' and girls' hospitals, founded in the 17th century, are supported by the produce of estates in trust of the corporation, and furnish clothing and instruction to up-wards of 100 children. Doughty's hospital, established

and under the same patronage, provides for a infirm and aged persons; but the principal ion charity is St. Giles's hospital, near the exherwise known as the 'Great,' or 'Old Man's 'maintained by rents and other property, average, and providing clothing, food, and a pend for 165 inmates, besides servants. It apswever, that till very recently these trusts were ensively abused for political purposes. (Comp. 1998) and 29th Report, with Muss. Corp. Inp. 1979.

the mass state report, with mass. Corp. 14, pp. 14.)

the charitable institutions of Norwich superportions, the first place is due to the and Norwich hospitals, occupying a large brick erected in 1771, and enlarged in 1802; it has alation for about 120 in-patients, and has about the control of the report of the patients. Blackblacker hospitals in number of out-patients. Bethlehem hospital in-endowed lunatic establishment, founded in at Thorpe, about 2 m. distant, is the county sylum. The other principal institutions of this the dispensary, eye-infirmary, magdalen asylum, harity, and blind asylum, with numerous minor at associations, bible and tract societies, provi-

idings devoted to the purposes of municipal or idiction comprise the guildhall, a large old build-15th century, but subsequently much altered and diction comprise the guidanal, a large old build-15th century, but subsequently much altered and though even now it be little worthy of so large. St. Andrew's, or the New Hall, a noble fabric, y mentioned as having formed part of an old an church; 3. the C unty Hall, in the castle a fine and commodious building of perpendi-hitecture and recent construction; 4. the new and beliewell a modern and wall constructed and bridewell, a modern and well constructed and orderweit, a modern and were constructed triside the walls, near St. Giles's Gate; and, 5. gaol and house of correction, on the castle-a large but plain building, well adapted for see, the establishment being conducted on the silence, separate confinement, and hard labour; silence, separate connuement, and hard labour; nal prisoners average about 80, the weekly cost eing 2s. 1ld. (Pris. Inspec. 4th Rep.) A comcorn exchange was erected in 1828; and the caracks in Pockthorpe are substantially built of , enclosing an area of 10 acres. Norwich has, rge workhouse, belonging to the united pars.:

**Expended for the relief of the poor amounted in

the literary establishments is the public library, formed in 1784, and now occupying a hand-cture in the Grecian style, erected on the site de city gaol; the Norfolk and Norwich Lite-itution occupies a building of recent erection, good library and a numerous body of subscribers. ne building is a museum, but not connected with 2 society. A society, called the Norfolk and Art-Union, has occasional exhibitions. Conseld in the common hall in St. Andrew's par, usical festivals are held in St. Andrew's Hall.

iusical festivals are held in St. Andrew's Hall, has also a neat modern theatre, and assembly-news-rooms, and a mechanica' institute. Two rs, (the "Norfolk Chronicle," and "Norwich ') are published every Saturday. has been celebrated for its manufactures since Henry I., when the Flemings first settled here, iuced the spinning and weaving of long woollen led worsted, from the name of the village in business was first established: the worsted againe trade was also greatly increased during entury, by the immigration of Flemish weavers Low Countries. Norwich, however, appears to ined its greatest prosperity at the close of the Low Countries. Norwich, nowever, appears to ined its greatest prosperity at the close of the ry, when the value of its goods exported to the Russia, and other places abroad (consisting camiets and camietees, callamancoes, worsted ured stuffs, lastings, damasks, and shawle), estimated to amount to 1,000 000, a year, or to fee of the British manufactured words experienced. eriod. (Handloom Weavers' Report, part ii. We believe, however, that this estimate is rt of the British manufactured goods exported eriod. (Handloom Weavers' Report, part il. We believe, however, that this estimate is ne mark; and since then the manufactures to have materially declined, or rather, peren oot kept pace with their progress in Landthe West Riding of Yorkshire, &c.: the cilities enjoyed by the latter, in the command of absence of corporation privileges, and the tope given to competition and improvement, iled them to produce, at cheaper rates, several at were at one time peculiar to Norwich. In treater part of the yarn now used in making abrics is spun at Bradford, in Yorkshire; and ed manufacture of the West Riding is decie extensive and valuable than that of Norfolk. ippal fabrics that are at present manufactured e extensive and valuable than that or Norious-ipal fabrics that are at present manufactured out Norwich comprise bandanas, bombazines, mattas, fillovers, or ornamental shawls and ders, gauzes and crapes, princettas (a fabric of rp, with a worsted shoot), silk, silk shawls,

wollen shawls, jacquard, coach-lace, lustres, shallis and mousselines-de-laine, fringes, &c., with sacking and horse-hair. In 1839, there were in the city and its vicinity 5,075 looms, of which 1,021 were unemployed; and of the 4,04 looms then at work, there were 3,586 in the weavers' houses, and 656 in shops and factories: indeed, by far the greater part of the looms belong to families having only one or two. The labouters at these looms comprised, 2,211 men, and 1,648 women, with 196 children. In the same year, two silk mills employed 731 hands, and one cotton mill 130 hands, making a total of eight mills awroated mills 235 hands, two woollen mills 39 hands, and one cotton mill 130 hands, making a total of eight mills awroated mills 235 hands, two woollen mills 396 hands, and we weavers, when fully employed, range between 8s. and 25c., those engaged on fillowers, shallis, and fine bombasines, earning from 15s. to 25s. a week; but when "play-time" and expenses have been deducted, the average nett wages of the hand-loom weavers are said to amount to only 7s. 2d. a week; but this, we believe, is, speaking generally, below the mark. A power-loom factory of mohair (or Angora wool), established at Lakenham (one of the out-townships), employed about 400 hands, chiefy children. As respects the health of the weavers, Dr. Mitchell reported to the hand-loom commissioners, that Norwich is most favourably situated, the grouse chiefly children. As respects the health of the weavers, Dr. Mitchell reported to the hand-loom commissioners, that Norwich is most favourably situated, the ground being on a bed of gravel over a substratum of chalk; that the working people, weavers included, have a fresh and healthy complexion; and that the physical condition of the weavers is much better than that of the same class in Spitalfields. Epidemics, however, occasionally prevail, as in Bethnal Green; but not to the same extent, or so continually, owing to the better six. stonaily prevail, as in Bethnal Green; but not to the same extent, or so coultnually, owing to the better air and house-ventilation usual in Norwich. The prevalent diseases are dyspepial, consumption, female diseases, and those belonging to children, which last are attended with a large mortality. (Handloom Weasers' Rep. ii. 320.) On Sunday, the work people, especially the women, are well dressed; in general they attend divine service, and drunkenness prevalls less than in most large towns. Frugality, however, is asid to be little practised: service, and drunkenness prevails less than it most large towns. Frugality, however, is said to be little practised; few save any thing when they have the means; and when work is scarce, they are in the greatest distress. The industry and morals of the people have suffered materially from their frequent strikes and riots; from the disunion among the master-manufacturers; the party spirit which pervades all classes, and the election-

party spirit which pervades all classes, and the election-eering abuses, for which Norwich is pre-eminent. (Handloom W. Rep., il. 332—336.) Besides its worsted and silk manufactures, Norwich has iron and brass foundries, snuff-mills, vinegar-works, malt-houses, breweries, oil, mustard, and corn-mills; but they are not on an extensive scale. Of late years the manufacture of ladies' boots and shoes has been very exmanufacture of ladies' boots and shoes has been very extensively introduced into Norwich, and now (1850) forms one of its staple businesses. Women and children are principally engaged in the trade, but it, also, employs a good number of men. The trade of the town consists in the exportation of its manufactures, chiefly to London and other English ports, but partly also absend in the exportation of its manufactures, chiefly to London and other English ports, but partly also abroad, in exchange for corn, coal, and various other articles of consumption. The town has, since 1833, had the important advantage of being accessible to vessels drawing 10 ft. water, by means of the canals connected with the Lowestoff navigation (see Lowestorr); and list trade is, also, materially promoted by the Eastern Counties Railway. A branch bank of the Bank of England is established here, and there is a joint-stock bank, called the East of England Banking Company, besides 2 private banks and a savings bank. The Norwich Union Insurance Company is an establishment of great importance; it was at one time much mismanaged, but such, we are informed, is no longer the case. informed, is no longer the case.

informed, is no longer the case.

Norwich, which claims to be a bor. by prescription, and received its principal charter constituting it a separate co. in 1443, was governed before the Mun. Reform Act by a mayor, 24 aldermen, and 60 common councilmen; but by the provisions of that act it is divided into 8 wards, and has a mayor, with 15 other aldermen, and 48 councillors. The bor. has also a commission of the peace under a recorder, and a sheriff's court for the recovery of debts to any amount, and a county court, before which 1,578 plaints were entered in 1445; the assiges and quarter sessions for the co. are also held bere fore which 1,5/8 plaints were entered in 1945; the assizes and quarter sessions for the co. are also held here. Corp. revenue, 1848-9, 11,5571. Norwich has returned 2 mems. to the H. of C. since the 25th Edward 1, the right of election, down to the Reform Act, being vested in the freemen and freeholders not receiving alms. The electron in limits were left untouched by the Regulators! in the freemen and freeholders not receiving alms. The electoral limits were left untouched by the Boundary Act, except that the cartle precinct was included. Registered electors, in 1849-50, 5,539. Norwich is likewise a polling-place and principal election-town for the E. div. of Norfolk. Markets on Wedneeday and Saturday, but chiefly on the latter, for corn and cattle. large horse and sheep fairs, day before Good Friday, Easter-Monday, and Whit-Monday.

Norwich is supposed to have risen from the decay of I'f 2

an old Roman town, now known as Castor St. Edmund's, probably the Venta Icenorum of antiquity. A royal fortress was erected here by the East-Angles in the 6th century, and a town was gradually formed round it, which, even before the Norman Conquest, was so important to be was mind and 50 per checkes with fortress was erected here by the East-Angles in the 6th century, and a town was gradually formed round it, which, even before the Norman Conquest, was so important as to have a mint and 25 par. churches, with 1,390 burgesses. William the Conqueror bestowed the parabally erected the present keep. It continued in the possession of his descendants till the reign of King John, when it was seized by the king, and finally surrendered to the crown in 1234. In the reign of Henry 1, a colony of Flemings came over, who were Joined by a still greater number of immigrants in 1336, from which time Norwich became an important seat of manufactures. In 1403, Henry IV. separated the city from the co., and made it ac o. of itself with peculiar privileges. Its prosperity, however, owing to plague, scarcity, and frequent fires, had begun to decline, when, in 1866, a fresh immigration took place of 4,000 Flemings, who had fied from the persecutions of the Duke of Alva. In the civil wars of Charles I., Norwich declared for the parliament, and was occupied by its forces till Cromwell became protector. It is remarkable in ecclesiastical history for its numerous convents and other religious establishment, and was occupied by its forces till Cromwell became protector. It is remarkable in ecclesiastical history for its numerous convents and other religious establishment, and was occupied by its forces till Cromwell became protector. It is remarkable in ecclesiastical history for its numerous convents and other religious establishment, but he was of the founders of Gonville-and-Calus College, Cambridge; Dr. Samuel Clarke, the author of the famous work on the Attributes; and Beloe, the translator of Herodotus. (Parl. Papers; Comm. Reports, \$c.)

NORWOOD, a populous village of England, hunds.

\$6.) NORWOOD, a populous village of Bngland, hunds. Brixton and Wallington, co. Surrey, on the top and sides of a steep range of hills, 5½ m. S. London. Pop., in 1841, 6,046. It is very irregularly laid out, chiefly on a of a steep range of mins, og m. 5. London. Pop., in 1841, 6,046. It is very irregularly laid out, chiefly on a wide and elevated common, commanding an extensive view of the metropolis northward, and of the plains of Surrey southward. The nelighbourhood is studded with villas, belonging partly to merchants and others engaged in business in the city, and partly to persons retired from active pursuits. Of late years, Norwood has been a good deal frequented in consequence of the discovery of a mineral spring at a place called Beas-lics, or Beulah; where large gardens, laid out with terraces, plantations, &c., have been opened to the public for fêtes, picnic partles, &c. On the N. acclivity of the hill is a handsome church, opened in 1825 (subordinate to Lambeth), with a Co-rinthian portico and steeple. There are, also, places of worship for Wesleyan Methodists and Independents, with attached Sunday schools. A school of industry, established here in 1815, furnishes instruction in reading, writing, and needle-work, to nearly 200 girla. Here also is a large national school for children of both sexes, and a Lancastrian school, attended by about 300 boys.

ing, writing, and needle-work, to nearly 300 girls. Here also is a large national school for children of both sexes, and a Lancastrian school, attended by about 200 boys. But the principal distinction of Norwood is the South-Metropolitan Cemetery. It comprises about 40 acres, has 2 fine chapels, is well laid out, and cost in all from 70,000. to 75,000.

NOTO, a city of Sicily, intend. Syracuse, cap. distr., on a hill near the Noto, and 16 m. S.W. Syracuse. Pop., in 1831, 11,156. It stands near the site of the ancient Neetsum, now called Vecchio Noto, the surviving inhabe. of which removed thither after the destruction of their city by an earthquake in 1693. Noto has large squares and regular streets, and is one of the best bult, most agreeable cities of the island Besides many handsome private residences, it has various ecclesiastical buildings, a council house, lyceum, hospital, &c. Some, however, of its public buildings, being on too magnificent and expensive a scale for a provincial town, are unfinished. There is in this city am excellent private museum, especially of medals and coins, and also of antiquities, minerals, &c. The ruins of an amphitheater and of a gymnasium are the principal remains of the ancient city, which stood about 4 m. N.W. the modern town. It is rather unhealthy, but is surrounded by a very fertile tract of country in the moduce of which it has an active trade which stood a with N. W. the indeed to wait to rather unhealth, but is surrounded by a very fertile tract of country, in the produce of which it has an active trade. (Smyth's Sicily, p. 177.; Ortolani, Dizionario della Si-

(Snegth's Sicily, p. 177.; Ortolani, Dixionario detta St-cilia. 4c.)

NOTTINGHAM, a central co. of England, in the basin of the Trent, having N. the cos. of York and Lincoln, E. the latter and Lelecster, and W. Derby. It is oval-shaped. Length, N. to S., 50 m. Area, 535,680 scree; of which about 470,000 are arable, meadow, and pasture. The Trent partly traverses and partly bounds the co. on the E., and it is also traversed by its important tributary, the Idle. Excepting the vales of the Trent and Belvoir, the surface is mostly hilly and unevern; but the hills do not rise to any considerable height. The soll in the vales is either a sandy or a clayey loam, and is very fertile; elsewhere it is principally sandy and gravelly. The climate is reckoned peculiarly dry and good.

The ancient forest of Sherwood, the scene of the exploits

of Robin Hood and his companions, anciently covered the greater part of the hilly portion of this co. along its W. side; but it has long since been disforested, and now

W. side; but it has long since been disforested, and now contains some magnificent seats and parks. Agriculture, though still susceptible of material improvement, is, on the whole, good. The vale of the Trent is famous for its crops of oats; but wheat, barley, beams, peas, and cabbages are also extensively grown. There is a considerable extent of grass and meadow land; and irrigation has been extensively practised, particularly on the estate belonging to the Duke of Portland. The breeding of heavy black horses is pursued to some extent. Cattle, principally of the short-horned variety. Estates of all sizes; many small. Farms generally small, and mostly held at will. Average rent of land, in 1843, 36s. 5d. an acre. Coal is abundant in the W. parts of the co. Nottinghamashire is the grand seat of the manufacture of bobbinet, or Nottingham isce, and also of the manufacture of cotton and silk stockings. It is divided into 6 wards, 1liberty, and 285 parishes. It returns 10 mems. to the H. of C., viz. 4 for the co., and 2 each for the bors. of Nottingham, Newark, and East Retford, which are its principal towns. Registered electors for the co. in 1849-50, 7366; being 3,817 for the N., and 3,326 for the S. division. In 1841, the co. had 50,350 inhab. houses, and 248,910 inhab; of whom 121,731 were males, and 128,179 females. Sum expended for the relief of the poor in 1848-49, 68 484. Annual value of real property in 1815, 751,626; do. in 1843, 1,142,3671.
NOTTINGHAM, aparl, and mun. bor., and extensive manufacturing town of England, and co. of Itself, locally situated in the above co., of which it is the co., hund. Broxtow, on the Leen, about § m. from its junction with the Trent; croased here by an old bridge of 19 arches, 14 m. E. by S. Derby, and 108 m. N.N.W. London. Area of perls. Dor., which is co-extensive with the co. of the town, and comprises three parts, 2,610 acres. Pop., in 1821, 40,415 ; do., in 1841, 51,441; and extimated in 1850 to exceed 87,000. The town stands partly at the bottom and partly on the sid

septs. A few years ago it underwent a thorough on a plan consistent with its original architec-id is now the handsomest church of the town: on a plan consistent with its original architected is now the handsomest church of the town; gis a vicarage, of the annual value of 700°C, with house, in the glft of Earl Manvers. St. Peter's, market-place, is a building of mixed architecartly Saxou and partly Gothle, with tasteless additions, being remarkable chiefy for its loft? St. Nicholas, erected in 1678, on the site of a more edifice pulled down during the parliamentary account of its proximity to the castle, is of brick, one corners: it comprises a nave with 2 side-ind has a light appearance outside, as well as good accommodation. St. James's Church, on Stanill, in the district called the Park, is a modern in the perpendicular style, with a low embattled St. Paul's Church, of Grecian architecture, with portice, is capable of accommodating uwards. Persons. It was formerly subordinate to St. but has recently been made an independent that has the church a handsome structure, with a tower and spire, fitted to sendate 1,400 persons, is now nearly completed, are numerous places of worship for dissenters, g a Rom. Catholic chapel, meeting-house for lety of Friends, and Jews' synagogue, connected hich, as well as the churches, are above 30 schools, attended by above 5,000 children of tes. The Blue-coat School furnishes clothing and 100 to 600 boys and 90 girls; a national school had, 570; and 3 Lancastrian schools, 464 children: tion to 60 boys and 20 girls; a national school had, 570; and 3 Lancastrian schools, 484 children: re also 4 other subscription-schools, and 5 infant-

re also 4 other subscription-schools, and 8 infant. The free grammar-school was founded in 151, fore the close of the last century had fallen into but in 1807 the establishment was revived, and furnishes the means of a respectable classical on to between 80 and 80 boys. other charities of Nottingham comprise, 1. Piumspital (founded in the reign of Richard II., and entity emlarged.) for 13 aged widows, besides outers; 2. Collins' hospital, which provides ample oddstion for 34 poor men and women, with a stind allowance of coals; and, 3. Lambly hospital, ayed burgesses or their widows; besides which, other charities confer essential benefits on the and aged of both sexes. On Standard Hill is the hospital or insfirmary, standing in a spacious and aged of both sexes. On Standard Hill is the hospital or infirmary, standing in a spacious ire, and comprising a contre and two wings, with airy wards for patients, about 1,300 of whom are d, on an average, every year. The lunatic asysened in 1812, is in New Sneinton, and has good nodation not only for pauper but other patients, gham has likewise 2 dispensaries, and several emerolent institutions, with bible, tract societies, nd there are few towns in which so much is exist in the relief of the sick and necessitous of the g classes. The three parishes of Nottingham are into a poor-law union: the maintenance of the 1847, cost 17,6822.

into a poor-law umon: the maintenance or size a 1847, cost 17,6824.

chief literary establishment of the town is the library and news-room in the Market-place, which collection of more than 8,000 vols., a museum of dogy, lecture-rooms, &c., with an attached literary.

A mechanics' institute, established in 1824, has detable library, with apparatus, &c. Nottingham sues 3 weekly newspapers, the Journal, Review

ercury.

ercury.

ingham is calebrated as being the great centre of bbln-net and lace manufacture, besides which it, in common with Derby and Leicester, a large of the hostery-business. The first attempt at the of the hostery-business. The first attempt at the acture of lace by machinery dates as early as 1708 tough this was followed by many subsequent its to shorten the tedious process of making lace pillow, it was not till 1809 that Mr. Heathonat, of on, discovered the correct principle of the bobbin-ame, and obtained a patent for his invention. -power, first introduced in 1816, and becoming I in 1822-22, gave a great stimulus to the trade, was further increased on the expiration of Heathwas further increased on the expiration of Heathpatent. Prices fell in proportion to the increased
tion; and the Nottingham lace-frame soon bethe organ of general supply, rivalling and supig, in plain nets, the most finished productions of
and the Netherlands: so much so that large
ties were smuggled into those very countries from
lace was formerly smuggled into England. But the
bject of the manufacturer is not so much to produce
se, and, consequently, high priced lace, for which the
d must at all times be very limited, as to improve
ric and lower the cost of the inferior qualities for
the demand is comparatively extensive. At prethe demand is comparatively extensive. At pre-1850) there are supposed to be about 1,800 hobbin-d warp-lace frames employed in the town and its d warp-nace traines employed in the towns and the lind videous id in the trade vary from 1s. 6d. to 5s. per week ildren, 7s. to 15s. per do. for young people and

inferior men, 15s. to 30s. per do. for power and hand-frame men on plain work; and 20s. to 40s. per do. for men working hand-frames, weaving patterns.

The health of the power-machine workmen is said to

men working hand-frames, weaving patterns.

The health of the power-machine workmen is said to be, on the whole, good; the factories are neither hot nor confined; and the workmen have only to superintend, not work the machines. Hand-machine labour is much heavier: but as it is the custom to work by shift, each man is seldom more than 6 hours a day at the frame. Hand-machines used to be let out at a weekly rent to the workmen by capitaists; but they are now much reduced in numbers; and nearly all those that now exist are the property of those who work them, either by their own hands, or by the aid of journeymen.

Subordinate to its other departments, the town had, in 1839, 3 cotton mills, 3 worsted mills, and 3 silk mills; employing, in all, nearly 900 hands. Nottingham has likewise very extensive establishments for making boblion-net and stocking-frame machinery, large bleaching-works, malthouses, and breweries: the Nottingham Canal councets the town northward with the Codnor iron and coal district, and southward with the Trent, and the great canal system of the N. midland counties. It is, also, connected by railway with Newark and Lincoln is

coal district, and southward with the Trent, and the great canal system of the N. midland counties. It, also, connected by railway with Newark and Lincoln on the one hand, and with Derby, Rugby, &c. on the other. Nottingham claims to be a bor. by prescription, but received charters from Henry II., and many subsequent monarchs, Henry VI. baving granted to it the additional privilege of being a co. of itself. It is divided, under the Municipal Reforms Act, into 7 wards; and is governed by a mayor, 13 other aldermen, and 42 councilors: it has likewise a commission of the peace, under a recorder. Corp. rev., in 1848-9, 12,7814. The assizes, both for the bor. and co., are held in spring and summer; and quarter sessions for the S. div. of the co., in Jan., April, June, and Oct. A county court is, also, established here, before which 2,380 plaints were entered in 1848. Nottingham has sent 3 mems. to the H of C. since the 12th Edward I., the right of election down to the Reform Act being in the freemen, (by birth, apprenticable, and purchase,) and in freeholders to the amount of 40s. The electoral limits were not altered by the Boundary Act. Reg. electors, in 1849-20, 4,861. Nottingham is also a polling-place for the N.W. div. of the co. Markets on Wednesday and Saturday, but principally on the latter. Large fairs for cattle, cheese, &c., March 7th, 8th, and 8th; Oct. 2d, 3d, and 4th; 3 other smaller fairs.

smaller fairs.

March 7th, 8th, and 9th; Oct. 3d, 3d, and 4th; 3 other smaller fairs.

The origin of Nottingham is involved in obscurity; but so early as in the time of Alfred, it was of sufficient: The origin of Nottingham is involved in obscurity; but so early as in the time of Alfred, it was of sufficient importance to give its name to the co. The castle was built by William Peverill, the natural son of William there, in one of which were enacted the laws relating to the settlement of the Flemish manufacturers. Nottingham was the chief place of rendesvous for the troops of Edward IV. and Richard III. during the wars of the Roses; and it was here, in 1642, that Charles I. formally raised his standard against the parliament. The inhabs, however, being attached to the republican cause, the king was soon compelled to abandon the town and castle to the parliamentary forces. Nottingham has been the scene in more recent times of disturbances among the working classes. In 1811, when considerable distress prevailed among the workmen for the purposes of breaking the frames, which they erroneously supposed had thrown them out of employment; and to such an extent did they proceed, as to call for the most vigorous interference of the legislature. Disturbances of a minor nature have occurred several times since that period; but the only serious riot of late years took place on the 8th Oct. 1831, during the aguation preceding the passing of the Reform Act, when the footers burnt down the castle. (Part. Papers; Private Information.)

NOVARA (an. Novaria), a city of the Sardinian con-

NOVARA (an. Novaria), a city of the Sardinian continental dom, cap. division, prov. and mand. of its own name, on an eminence between the Gogna and Terdoppla, 52 m. N.E. Turin, and 27 m. W. by S. Milan. Pop., in 1839 (ex. garr.), 18,594. It is surrounded by ramparts and ditches, and defended by a castle. Though the streets are mostly narrow, it is, on the whole, tolerably well built, and has many handsome residences. The cathedral, the Dominican church, and that of St. Gandensic. and the large barracks, are the principal public NOVARA (an. Novaria), a city of the Sardinian conthedrai, the Dominican church, and that of St. Ganden-slo, and the large barracks, are the principal public edifices. Novara has numerous convents, several hospi-tals and colleges, a theatre, and a governm. loan bank. It is a bishop's see; and has manufactures of silk and linen fabrics, leather, &c., and 2 large annual fairs. Under the French it was the cap. dep. Ag. gua.

NOVA SCOTIA, one of the British colonies of N. America, consisting of an oblong-shaped peninsula, between lat. 43° and 46° N and long. 61° and 67° W; connected with New Brunswick by a low sandy isthmus, only 14 m. across, and separated from Cape Breton by the narrow strait called the Gulph of Canscaw. It is narrow strait called the Gulph of Canscaw. It is about 300 m. in length, and of very various breadth. Area, according to Haliburton, 15,620 sq. m., about 1.5th part of which consists of lakes, rivers, and salt-water inlets. Pop., in 1838, 199,906; but it is now (1830) estimated at 300,000. The coast-line is extremely irregular, forming numerous capes and bays. Capes George and Canscaw are the chief promontories on the N.E. side, and at the S. extremity is Cape Sable. The basin of Minas is a deep inlet on the N.W. side of the peninsula, forming a part of the Bay of Fundy, which separates Nova Scotia from New Brunswick. St. Mary's and Argyle Bays are on its S.W. side; Pictou, Antigonishe, and Chedebucto Bays form the chief irregularities on the N. coast; and the E. coast, from Cape Canscaw to Cape Sable, is indented with almost innumerable small bays, harbours, and rivers. Rocks and islands fringe its shores, and the dented with aumost innumerable small bays, narbours, and rivers. Rocks and islands fringe its shores, and the aspect of the entire Atlantic coast is exceedingly picturesque. Deep water is found, almost without exception, close to the rocks and islands; and the peninsula presents towards the Bay of Fundy bold and almost pre-tiplious cliffs. The interior is intersected in almost

presents towards the Bay of Fundy bold and almost precipitous clifts. The interior is intersected in almost every direction by atreams, rivers, and lakes; but, with the exception of Annapolis River and Lake Rossignol, connected with the sea by the raid Lake Rossignol, connected with the sea by the river Mersey, most of them are of very inferior size. The peninsula has no elevations deserving the name of mountains; its highest point, Mount Ardoise, between Windsor and Halifax, not rising more than 700 ft. above the sea. A pretty high ridge of hills skirts the shore of the Bay of Fundy.

As respects geological constitution, "the greater part of Nova Scotla may be described as a low range running from S.W. to N.E., resting on solid rocks of granite, trap, and slate alternately. Towards the E. end of the peninsula are beds of sandstone, greywacke, gppsum, limestone, porphyry, and many other kinds of rock; and on these strats there is usually a rich deep soil. The barren tracts are chiefly of sand or clay; and in these parts, especially about Pictou, are the great coal-fields of the peninsula. Iron is abundantly interspersed among the coal strata; and different varieties of lead and copper ore are met with, though in smaller quantities. Near Pictou are several brine springs, one of which is saturated with salt in the proportion of 12 to 88 of water." (Report on Brit. N. America, App. B., p. 140.)

The climate of Nova Scotla, with respect to temperature, bears a general resemblance to that of Lower Canada, and is subject to the same great and sudden variations. The greatest degree of heat observed at Hall-fax by Captain Moorson was 95° Fahr., and the extreme

Canada, and is subject to the same great and sudden variations. The greatest degree of heat observed at Halifax by Captain Moorsom was 95° Fahr., and the extreme of cold 10°. The difference of temperature within 34 hours often exceeds 56°, and a difference of 62° has been known to occur within the same period. These changes, however, are seldom so frequent or extreme in the interior, or in those parts of the prov. less immediately on the Atlantic. Notwithstanding the occasional lowness of temperature, the maritime situation of Nova Scotla tends to abridge the duration of the frost. The severe weather usually asts in about the middle of December. tends to abridge the duration of the frost. The severe weather usually sets in about the middle of December, and it is not uncommon for the frost to break up at the end of January. The quantity of snow not only varies greatly from year to year, but is also very unequally distributed throughout the prov. The snow-storms are very heavy, some having been known to continue for 60 or 70 hours without intermission. (Moorsom, p. 169.) The severity of winter ends late in March, when chill, damp, are and north-east winds succeed exceed by the The severity of winter ends late in March, when chill, damp, east and north-east winds succeed, caused by the breaking-up and passage along the coast of vast fields of ice from the Gulph of St. Lawrence. Hence the most disagreesable season in this country is from the vernal equinox to the end of April. Spring approaches tardily and irregularly, the close of May often arriving before the fields are fully clothed with verdure. A very warm summer occupies 3 months, dating from the early part of June. May and June are marked by the peevalence of fogs, especially on the eastern coast, while July and August are usually remarkable for a continuance of calm serence weather. Autumn. the most beautiful season of August are usually remarkable for a continuance of calm serene weather. Autumn, the most beautiful season of the year, may vie with that of any country. September and October are very similar to the same months in Engand; but in November, and even December, there are days which, for beauty, warmth, and mildness, are equal to the loveliest mornings of an English May. (Moorsom, p. 167.) Westerly and N.W. winds are most prevalent; the fine bear to the wet days a proportion of 8 to 5. The extreme variations of temperature common to this country have not that injurious influence on health which one might naturally expect. Rheumatic and inflammatory complaints are far more prevalent than any other: and a might naturally expect. Kneumatic and innaminatory complaints are far more prevalent than any other; and a considerable annual mortality occurs from pulmonary consumption. Intermittent fevers, however, so common in Canada and the United States, are here wholly unknown; typhus occurs only in a mitigated form, and the ravages of the yellow fever have never been felt. Nova Scotia, therefore, may, on the whole, be termed a healthy country. Its inhabitants often live to extreme age; many attain ninety and even a hundred years. (Murroy's Brit. America, ii. 19.)

America, ii. 19.)

As respects agriculture, Nova Scotia is estimated to comprise somewhat more than 5,000,000 acres of land available for tillage; the proportion of land under cultivation at present being to the wilderness as 1 to 20. The first large public grants of land appear to have been made in 1761; and in less than 13 years from that time, nearly 8,000,000 acres (including the whole of Prince Edward's island, then a part of Nova Scotia) were granted in lots, ranging from 20,000 to 180,000 acres, to individuals or companies in England. These grants contained conditions of improvement; but the grantees, after having incurred some expense in trying to settle their extensive properties, abandoned the land to its few inhabs., or suffered it to remain absolutely waste. Efforts made to escheat these lands to the crown were repeatedly baffled by the influence of the absentee pro-Efforts made to escheat these lands to the crown were repeatedly baffled by the influence of the absentee proprietors; and thus the province was effectually closed against immigration, either from England or the neighbouring colonies. Large grants of escheated land were, however, made on the breaking out of the American war to refugee royalists; but these were seldom occupied, and are now, for the most part, uncultivated, opposing serious obstacles to the cultivation of the lands around

to refugee royalists; but these were seldom occupied, and are now, for the most part, uncultivated, opposing serious obstacles to the cultivation of the lands around them. Licensed occupiers, however, and squatters, have improved some portions of these tracts; and to them the progress made by the colony in population and agriculture is in great measure ascribable. The system of selling in lots not exceeding 1,0.0 acres was introduced in 1827; and the average price of unimproved land, in 1839, amounted to 2s. 3d. an acre. The largest portion of it, however, has been acquired, not by actual or intending settlers, but by speculators, who, tempted by the low price, have purchased, on account of the timber, or with a view to profit from a future sale. Land is now sold in this colony at a fixed minimum price of 1s. 9d. per acre, payable at once.

The total quantity of land ungranted in Nova Scotia was estimated by Mr. Morris, in 1838, at about 2,500,000 acres; but of these not above 1-8th part was fit for tillage. The country, as respects the quality of land and the state of agriculture, may be divited into three distinct sections. The E. division, formed by a line from the mouth of the river Phillip to that of the St. Mary, presents a strong upland soil, well adapted for grain, and varied with strips of rich intervale land along the sides of its rivers. The upland consists principally of a strong loamy clay, intermixed more or less with sand and gravel, the soil of the intervale leng a rich, sandy, allurial loam. The lands about Pictou are very rich and productive, 7 successive crops of wheat being frequently raised without the use of manure. Agriculture, however, is only imperfectly understood, and no proper use is made of the resources of the soil. In the S. district the land is almost wholly upland, with very little intervale or marsh: the soil is extremely rocky, varying from a strong loam to a light sand. Good returns of wheat and the coarser grains are obtained in some places; but the state of the farms genera The N.W. division comprises upland, intervale, and marsh land; the first two being poor, and scarcely susceptible of any improvement. The marsh land is of two kinds,—one, called asl-marsh, being little more than a flat surface of spongy soil, overflowed at spring-tides, and covered with a long rank grass, sometimes converted into hay; the other, called the dyke-marsh, owes its formation to the impetuoisty of the tide in the Bay of Fundy, which brings along with it fine loamy particles, which it leaves behind as it recedes, and thus, in course of time, a succession of layers raises the surface to the level of spring-tides, when an embankment or dyke, called an aboutens, is formed to prevent any farther overflow. A newly-enclosed marsh is usually left unouched for the first three or four years: in the third year it is fit to receive the plough, and is then sown with wheat, the first crop averaging about 60 bushels an acre; and on long cultivated marshes the returns average about 40 bushels of wheat and ½ tons an acre of hay. The crops usually cultivated are wheat, oats, and barley, with smaller quantities of peas, buck-wheat, and rye. But though, in a fine district, the supplies of corn exceed the demand, this is not the case generally; and the prov. does not, even in the best years, raise enough of corn for its own consumption, there being uniformly a large importation of flour from the U. States. Potatoes are universally cultivated, and the failure of the crops in 1846 and 1847 was productive of a great deal of distress.

shour is difficult to procure, and too expensive to its adoption, except by the more wealthy. La-(who do not exist here as a separate class, but e the more indigent of the new settlers) are hired during the 6 months of summer, for which evire from 13t. to 18t., with board and lodging; art of the payment is made in produce. (For information, see Moorson's work, pp. 176—272., valuable Report of the Governor, Sir John in 1848.

, in 1848.) orests of Nova Scotia abound with good timber : orests of Nova Scotia abound with good timber; d birch, oak, beech, ash, and maple, are the most n trees. Many of the inhab, have for years been ed by the timber-trade, timber being, next to e great article of export. The principal wild of the province are the mose-deer, carriboo, up-cervier, fox, martin, otter, mink, and squirrel. g and trapping were once extensively pursued; proportion as the country has become settled, for of animals has gradually but rapidly decreased, the exports of furs are now (1850) insignificant vers abound with many varieties of freshwater vers abound with many varieties of freshwater, swides which, cod, herrings, mackerel, hallbut, ser kinds of sea-fish, are found in the deep bays coast. Chedabucto Bay and Annapolis Basin are incipal stations for the herring and mackerel but the inhab. share, also, in the whale, seal, d fisheries; and this branch of industry has for coast beautoned the increase in 1847, 313 602 d nineries; and this branch of industry has for years been on the increase. In 1847, 313,822 a of cod-fish were exported, valued at 125,422, gs, mackerel, salmon, &c., are, also, largely ex; and in 1844 the exports of train and sperm oil ted to about 200,000 gall. The fisheries are said loy about a third part of the inhab.; but this is, bt, an exaggerated statement.

bt. an exaggerated statement. ther important branch of employment in Nova is mining. Coal and iron are abundant, and are extensively wrought by the General Mining Assotowhich all the mines have been let. The sof coal from the mines of Pictou and Sydney ted, in 1848, to 70,744 tons, being destined almost y for the U. States. Gypsum, which abounds in districts, is also highly prized in the U. States nure, and the quantity exported thither from Scotia in 1844 amounted to 40,098 tons. A stone id in many parts of the prov. extremely well adapter in the province of the prov. Extremely well adapter in the province of the important branch of employment in Nova n, consist of fish and fish-oil, timber, lumber, coals The imports comprise corn and flour, British ma-tures, colonial produce, &c. The declared agg. of the various articles exported from the U. King-to Nova Scotia and Cape Breton in 1849, amounted 1064, being chiefly cotton and wootlen goods, hard-

and cutlery, apparel, slops, &c. The trade princi-centres in Halifax, which see. Subjoined is an ant of the estimated Value of the Exports from va Scotia in 1847, specifying those to different untries, and the Vessels, &c., which cleared out for

To	Estimated Value	Varrata	Tons.	Men.
	in Sterling.			
at Britain - sh Colonies,	# 71,804	275	67,049	1
West Indies N. America Elsewhere	202,415 237,004 6,587	2,032	149,524	26,133
ed States rign States		2,075 85	192,055 6,805	[]
	#1.031.060	4 467	415 463	96 133

ie means of internal communication have been ime means of internal communication have been im-d within the last few years, and some of the roads tated by Moorsom to be equal to the secondary in England. They are partly supported by annual is from the House of Assembly, and the inhabitants the district are compelled to furnish, either perso-or by substitute, a certain quantity of labour for the purpose: this system, however, has not been found

f beans or cabbage are rarely seen, and horticulated with very little attention.

dairy-farms are found in the N.W. division. App. B. p. 125—140.) A water comabour is difficult to procure, and too expensive to munication has been effected between Halifax and Windstein. sor; but the want of any such communication is severely felt by those whose settlements are at a distance from Halifax, the chief market in the colony for agricultural produce. Only one railway, framed to convey coal from the Pictou mines to the coast, has hitherto been con-

the Pictou mines to the coast, has numerate own constructed; but others are projected.

The constitution of Nova Scotia is a representative provincial government. The lieutenant-governor, who is subordinate to the governor-general of British N. America, is commander within the prov., and the suprementative and a sufficient submotive. Under him is a rica, is commander within the prov., and the supreme civil, as well as military authority. Under him is a council of 12 mems., of whom the bishop and chief justice are mems. ex-affrico, and the rest appointed by the crown. The legislative assembly is a body of 41 mems., elected by 40s. freeholders. It is elected, filte the British H. of C., for 7 years, but may be prorogued or dissolved by the lieutenant-governor. It meets every year, and all money bills must originate in this assembly: other bills require the romant of the covernor and council before money bills must originate in this assembly: other bills require the consent of the governor and council before they become law. For the purposes of election, Nova Scotla is divided into 10 counties (including Cape Breton). The counties have 2 mems, each, and the other representatives are returned by the towns. Justice is administered by a court of queen's bench, sitting at Halifax, and by district courts in the different counties. The common and statute laws of England are in force, together with statutes passed by the local legislature, and approved by the queen in council. The laws, according to M'Gregor, are, on the whole, judicious; and, as far as they go, calculated to promote the prosperity of the colony. But there is too frequent a recurrence to courts, and the harmony of society is often broken by a love of litigation. litigation.

he provincial revenue, amounting to about 112,000f. a year, is principally raised by an ad valorem duty of 5 per cent. on imports. The heaviest direct tax is that of per cent. on imports. The heaviest direct tax is that of statute labour on the roads; but this may be commuted for a money payment. Taxation is, in fact, extremely light; the cost of defence being defrayed by Great Britain, and the inhab. being burdened only with the civil government and local improvements. There are usually from 2.000 to 3,000 troops distributed over New Brunswick, Cape Breton, and Nova Scotia. The latter has, also, an organised militia force of 26 regiments, inc. 44,248 men.

The Church of England is the established religion, and the colony is divided into 33 para, each of which has a rector salaried by the crown or the Society for the Propagation of the Gospel. Nova Scotia was made a bishopric in 1787, the diocese extending over New Brunswick and Prince Edward's Island, Newfoundland, and the Bermudas. The bishop draws no revenues from the colony, and holds spiritual jurisdiction only over the members of his own church. The Presbyterians, however, are the most numerous body, and a synod meets annually at Halifax. There are numerous Rom. Caths., consisting principally of the Acadians and Irish settlers. The Baptists and Wesleyan Methodists are also important bodies: a complete toleration is granted to all religious denominations. The Church of England is the established religion, and

ligious denominations. Among the establishments devoted to education, the principal is Windsor College, partly supported by the provincial government, and partly by subscription; but it has not met with much success. Exclusive of superior schools and academies, and of schools specially patronseed by peculiar religious sects, there were in the prov., in 1847, 1,025 common schools, attended by 34,390 children, so that elementary education at least must be in a flourishing condition.

Of the pop. of the prov., the Indians do not now ex-

Of the pop. of the prov., the Indians do not now exceed 600. There are about 6,000 Acadians (or descendants of French settlers before the country was ceded to ants of French settlers before the country was coded to the British), and about 2,000 free negroes: the remainder of the pop. consists of Germans, or their descendants, British emigrants, chiefly from the N. of England and Scotland, a few irish, and the descendants of refugee loyalists from the U. States. The Acadians congregate in settlements of their own, mixing little with the other colonists.

colonists.

Nova Scotia was discovered, by John Cabot, in 1497. It was first settled by the French, who called it Acadia. It subsequently fell under the English, having been, in 1627, granted by James I. to Sir W. Alexander, and named Nova Scotia. In 1632, it was restored to France by the treaty of St. Germain's; but it several times subsequently changed masters, and was not finally established in the quiet possession of the British till 1738. At the peace of 1763, the boundaries of this colony were as defined as to include New Brunwick and Cane Breadefined States. so defined, as to include New Brunswick and Cape Breton; but, in 1784, the former was made a separate government. Halipax (which see) is its capital and the seat of government. (M'Gregor's Brit. America, i. 259

Movellar R.A.

—427.; Moorsom's Letters from Nova Scotia, passin; Murray's Brit. America, vol. 11.)

NOVELLARA, a town of N. Italy, duchy of Modena, in the plain of the Po. 16 m. N.W. Modena. Pop. 4,070. It is the cap. of a principality annexed to Modena in 1737, and has some silk and leather manufactures.

NOVGOROD, a gov. of Russia in Europe, between the 57th and 61st degs. of N. Ist., and the 30th and 42d of E. long.; having E. the gov. of Vologda, S. those of Jaros-Lavi, Tver, and Pakof; W. the latter and Petersburg, and N. the last named and Olonets. Length, N.E. to S.W., about 400 m.; breadth, varying from 40 to 160 m. Area, estimated at 47,033 sq. m. Pop., in 1846, 907,900. The surface, which in the N. is low and level; rises gradually towards the S. W., where the Valdai plateau reaches an elevation of 1,000 ft. above the sea. The gov. is well watered; principal rivers, Volkhof, Mata, Chexna, Mologda, Lovat, &c., some of which run towards the Wolga, and others towards the Lake of Ladoga. Among the lakes are those of Bielo-Osero, Vole, and Ilmen. The climate, especially in the N., is more severe than in the gov. of Petersburg, not being tempered by the sea breezes. Except in a few districts, the soil is not eminent for fertility, and night frosts often spoil the crops. Scarcely any orchard trees are met with; but hemp and fax are grown for exportation; and in 1832, 868,000 Activers of corn, principally rye, oats, and barley, were raised. Timber is an important product; a large part of the gov. is covered with forests, those belouging to the crown covering 2,727,200 deciatines. Few cattle are reared. Next to agriculture, flating is a principal cocupation. The sall-springs of Starala-Rouss turnish an adequate supply of salt for this gov. and that of Tver. Manufacturing industry is very backward; there are a few copper, glass, tile, leather, woollen cloth, and other factories; but in 1832 there were not, in all, 50 manufacturing establishments in the gov.: the pop. have, however, a turn for commerce, and the

a granusation; and there are schools not not be parts of the gov.; but the young persons of all descriptions at school in 1835 amounted to only 1,086! The gov. is not supposed to possess a printing-press. Civil public revenue estimated at 2,733,000 roubles. This tergov. is not supposed to possess a printing-press. Civil public revenue estimated at \$2,73,000 roubles. This territory was made a separate gov. in 1776.

Novosop, (called Veliki, or "the Great,") a city of Russia, and formerly the most important in that empire, cap. of the above gov., on the Volkhof, near tis exit from the Lake limen, 100 m. S. S. E. Petersburg, and 300 m. N. W. Moscow. Lat. 89° 31′ 32° N.; long. 31° 16′ 24″ E. Its pop., which, in 1845, amounted to only 15,000, was estimated to have amounted in the height of its prosperity, in the 18th century, to 400,000, though this, probably, is much beyond the mark. At this period, Novgorod, with London, Bergen, and Bruges, constituted the four principal foreign depots of the Hanseatic League; but the fall of the League, and still more the massacres perpetrated by the bloodthirsty barbarian Ivan Vassillevitch II., in 1870, proved fatal to this great emporium; and it soon after fell into all but irremediable decay. La Motraye, who visited it early in the last century, gives the following description, which will apply nearly as well in the present day. "Nothing is more decetiful than the view of Novgorod from a distance: it extent, and the number and height of its towers and spires, seem to announce one of the finest citles in Europe; but on nearing it, the traveller perceives that its walls and houses are only of wood; and on entering, he finds it ill built and wretchedly paved. Only the churches and a very few private residences are of stone or brick. There may be from 80 to 85 churches, including those of

cettful than the view of Novgorod from a distance: its extent, and the number and height of its towers and spires, seem to announce one of the finest cities in Rurope; but on nearing it, the traveller perceives that its walls and houses are only of wood; and on entering, he finds it ill built and wretchedly paved. Only the churches and a very few private residences are of stone or brick. There may be from 80 to 85 churches, including those of the monasteries; besides which, the castle, a large forteres bristling with artillery, is the remaining principal edifice." (Les Motreye, in Schnitzter, la Russie, p. 170). The town, in fact, though comprising a large space, consists principally of scattered groups of miserable habitations, separated by ruins or by fields, which, it divided into two parts by the Volkhof, here crossed divided into two parts by the Volkhof, here crossed the only modern structure in the city. The plies, &c., of this bridge are of granite, the rest is chiefly of timber; its entire length is 270 yards, and the breadth of its central arch 85 ft. In the Torgovaisa, or market, and the words and the mountains are the characteristics of Lower Nubia; and the mountains here press so closely on town, are the governor's residence, an anc. palace of the caser, and a brisk general trade. It was errected into a bishopric in 831. Charlemague held into a bishopric in 831. Charlemague held his court in this town for a considerable period, and in it thus the thus the substance of the Earon of the Endow Frome on the 18th of July, 1609. (Hage; Graid kng. But it is chiefly retained this. Schnitzer, and a very forget and the N. limit of Muscal Worgers, in Schnitzer, and 14th on the Russie, p. 170). The town, in fact, though comprising a large space, consists principally of scattered groups of miserable habitations, separated by ruins or by fields, which, in the country is divided into Lower Nubia, or Tacassé with the Nile: and Upper Nubia, which induses the characteristics of Lower Nubia; and the mountains are the

between 1044 and 1051, and repaired in 1832, is of stone, somewhat on the model of St. Sophia at Constantinople. It has some remarkable bronze gates, with sculptures in allo-relievo, representing passages from scripture history; and many of the paintings on its walls are curious, being said to date from a period previously to the revival of the arts in Italy. Novgorod is the seat of a military governor, whose authority extends over the adjacent prov. of Tver. It has a few manufactures of sail-cloth, leather, and vinegar, and some trade in corn. Though not the original capital of Rurick, it became the seat of the Russian government in 864. In the beginning of the 11th century the inhabs, obtained considerable privileges that laid the foundation of their liberty and prosperity; and as the city and its contiguous territory increased in pop. and wealth, they gradually ususped an almost absolute independency; so that, in effect, Novgorod, in the middle ages, should rather be considered a republic funder the jurisdiction of an elective magistrate, than a state subject to a regular line of hereditary monarchs. During the 12th, 13th, and 14th centuries, Novgorod formed the grand extrepted between the countries. E. of Poland and the Hanseatte Cities; and its wealth and power seemed so great and well established, and the city itself so impregnable, as to give rise to the proverb—

"Only control Doe of magness Nongordism?"

"Who can restate the Girds and times Nongord."

4 Quis contre Dose et magnem Nousgordiem ! 5 Who can resist the Gods and Great Nove

"Who can rests the Gods and Gress Novgered?"

But in 1477 it was obliged to submit to Ivan I., great duke of Russia. In 1554 it was visited by the famous Richard Chancellour, who describes it as the "great mart town of all Moscovie, and in greatnesse beyond Moscow." But not long after it was subjected, as already stated, to the seourge of the destroyer, and fell, never to rise again. The foundation of Petersburg took from it all hope of ever recovering any portion of its ancient sail hope of ever recovering any portion of the ancient Prosperity. (Schultzier, La Russie, 152—174.; Cane's Travels in the N. of Europe, ii. 77—90., 8vo. ed.)

NOVI, a town of N. Italy, Sardinina dom., div. Genoa, cap. prov. and mand; in the fertile plain of Marengo, at the foot of the Apennines, 14 m. S. E. Alessandría. Pop., in 1838, 10,278. Few remains exist of its old castle; its streets are narrow and ill-paved, and its public edifices undeserving of notice. It has, however, a handsome square. It is the seat of civil and commercial tribunals; and has a college and hospital, and manufactures of the best silk twist in the divisions. It is also an entrepts for goods passing between kaly and Germany. On the 16th of Aug., 1799, an obtlinate conflict took place near this town, when a French army, under Joubert, who fell in the action, was defeated by

under Joubert, who fell in the action, was defeated by the Austro-Russian army, under Suwarrow.

NOVI-BAZAR, a town of Turkey in Europe, prov. Bosnia, cap. Sanjiak, on the Bachka, 180 m. S. E. Bosna-Serai. Pop. estimated at from 8,000 to 10,000. It is a town of considerable traffic, the residence of a pacha and a R. Cath. bishop, and has some warm baths. Our acquaintance with it is, however, very limited, as k is seldom or never visited by travellers from W. Europe. NOYON, (an. Noviomagus Veromanduorusw), a town of France, dep. Oise, cap. canton, on the Vorse, a tributary of the Oise, 42 m. E.N.E. Beauvais. Pop., in 1846, 5,089. It is well built, and surrounded with numerous gardens. The cathedral, erected under Pepin and Charlemagne, is 240 ft. in length, its main entrance being flanked by two towers upwards of 200 ft. in height. Noyoa has manufactures of fine linens, tulle, hosiery, leather, copperas, &c., and a brisk general trade. It was erected into a bishopric in 531. Charlemagne held his court in this town for a considerable period, and in it Hugh Capet

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effected by sakkeas, or Persian water-wheels, the river and the Red Sea extends the stony and the river and the Red Sea extends the stony and ubian desert, interspersed here and there with rtile spots, or oasses. On the coast of the latter w inconsiderable towns. In Upper Nubis the wears a somewhat different aspect. Instead of r, several streams flow through it to pour their into the majestic Nile. The land is also much

r, several streams flow through it to pour their into the majestic Nile. The land is also much evasted, being situated on the lowest of the three con which, according to Ritter, this part of Africa i. The S. extremity of Nubia has an elevation ft. above the level of the sea; but northwards ration gradually lessens, and the Nubian desert he gradual transition from the lower course of the the higher and more southern lands of Africa. **stains**—Ranges of mountains, forming a continuit the range traversing Egypt, skirt the entire coast of the Red Sea; but they are not nearly so rso important as some travellers have stated. through which the Nile forces its course are in most maps as running parallel to its bed, as x; but the numerous so-called cataracts, and the alleys which intersect the Nills, prove that these traverse the Nile parallel to each other from B. to saing the current of the river, instead of accompits course from S. to N. Gebel Snigre (Chiggre, et al. and Gebel Safeka take the former direction. **Saka, on the river Athara, to Suakim, on the Red

c) and Gebel Sagichs take the former direction.

- aka, on the river Atbara, to Suakim, on the Reversal another lateral chain, called the Orboy
y. Several inconsiderable chains and detached
hills, off-shoots from this chains and detached
e. E. desert skirting the Red Sea.

Climate of Lower Nubia, though intensely hot, is
t, on account of its dryness: the plague has never
nown to reach beyond the second cataract; but the
districts are subject to those violent tropical rains
contribute in some degree to the regular swelling
Nile: the N. limit of these rains is between lat.
1179 30 N. In Berber and Shendy they continue
hout March and the two succeeding months. The
E. and W. of the Nile are subject to violent
of wind. The geological structure of the rocks in
Nubla consists of granite and syenile, interwith black marble, of which last the second catawith black marble, of which last the second cata-Nubla consists of granite and syenite, inter-i with black marble, of which last the second cata-formed. State (in the E. desert), porphyry, sand-and limestone, have also been enumerated. In the formed. State (in the E. desert), porphyry, sand-and limestone, have also been enumerated. In the countries coarse grey granite, primitive quarts, and late are likewise often mentioned by travellers, the coast of the Red Sea gold and silver mines are exist; but the Pacha of Egypt has made more neunsuccessful attempt to open them. Neither he "Emeradi" Mountains, which pass the Egyptontier, yielded any treasure to modern adventurers. mats.—The S. parts of Meroë seem to be the N. ary of the natural habitation of the African elephant. a and itons have been seen in the valleys of Shendy, crocodiles also abound. Wild dogs and foxes xceedingly numerous, nuppell having discovered new species. The hippopotamus seldom ascends tile higher than Dongola. Antelopes, of three s., occupy the banks of the White Nile and the W. of Dongola. The giraffe (zeraff, "the ele-") inhabits the mountains of Dender, near the a. The principal birds of Nubla are the occipitate, the red-throated shrike, and several curlous speus of the family of great-legged thrushes. Buare also abundant, with partridges, qualls, and al other species of game

is of the family of great-legged thrushes. Busare also abundant, with partridges, qualls, and all other species of game. bell having, very properly, classed Nubla with Barand Egypt, and placed them in the S. Transition, the botssy of Nubla assimulates very nearly with those countries. See Egypt, see, egetable proom, 1.744.) The great enemies to vegetation here, other hot countries, are locusts, clouds of which times darken the air, and settling on the land, strip every remnant of verdure; on these occasions, the b. catch, and eat them, "out of self-defence." scription of Lower Nubles.—The Nublan valley of ille, which ascends as high as the 7th cataract, and as between the 9th and 24th degrees N. lat., comes 13 states, each governed by its melek, or chief rdinate to the pacha of Egypt. Ten of these states in Lower, and 3 in Upper Nubla. Between the 1st id cataracts, in the states of Kenon and Wady Nubla, 'lie flows through a rocky bed, and precipiese enthe river within very narrow limits, scarcely allow-of cultivation on either side; but at short intervals rhose excavated monuments which will hereafter ore minutely described. El-Kalabehel, the largest go on the W. bank, occupies the site of the an. Taland opposite to it is that of Contra-Taimus, the of which have occupied the attention of modern ellers. At Sebou, lat. 29 50 N., the river inclines to N.W., Sowing past Derr, which, though a mere vill-of 200 houses, is the cap, of the 5 states N. of Donlers are the centre of the state, called Wady Nubs, on the

W. bank of the Nile, in lat. 22° 20° N. The second cataract, which occurs about 35 m. below [psambod], is formed by numerous rocky islets intercepting the stream on each side of which in this vicinity stretches an exten

sive and not unfertile plain. Batn-el-Hadjar, the Nile Phrough the district of Batn-el-Hadjar, the Nile Phases between a chain of syenite hills, those on the W. side having at their foot many deserted villages and monasteries: only the E. side of the valley is now inmonasteries: only the E. side of the valley is now inhabited. The district of Sakkot has many poor villages on both banks of the river, possesses numerous antiquities, and is joined southward by Makass, where the most cultivated spots, hitherto situated on the E. bank of the river, are transferred to the opposite shore. Remains of castles, churches, and houses afford evidence that this distr. was formerly well peopled. The course of the Nile here is tortuous; but S. of the 8d cataract, forming the N. boundary of Dongola, it runs in a pretty direct channel as far as Old Dongola, in lat. 18° 10' N. The stream then takes a sweep to the N.E., preserving that direction for about 100 m., through the highly fertile distr. of Shrypra, ascending beyond the 4th cataract to

direct channel as far as Old Dongola, in lat. 18° 10' Nr. The stream then takes a sweep to the N.E., preserving that direction for about 100 m., through the highly fertile distr. of Sheygya, ascending beyond the 4th cataract to the island of Mokrat, which divides the stream. The state of Berber commences southward of the 5th cataract, and in this district the villages stand at a considerable distance from the river. Berber, or El Mekhair, the cap., is near the E. bank, about 17 m. below the junction of the Tacarsé with the Nile.

**Upper Nushéa, is a triangular tract lying chiefly between the White Nile, or Bahr-el-Abiad, the Blue Nile on elevated ground, at some distance from the river. Shendy-el-Garb "on the W. bank" is a large and not ill built village, with about 6,000 inhabs: Shendy "on the E. bank" is the cap. of the prov.; and being a place of rest for the caravans from Sennaar, possesses regular and well-stocked markets. N. of Shendy are some ruins, supposed to be those of the ancient Meroë. Halfey lies between Shendy and Sennaar; and, before the Eyptian conquest by ismael, the son of Mehemet Ali, belonged to the melek of Sennaar; its chief town, having the same name, lies N. of the confluence of the White with the Blue Nile, which takes place at Khartum. W. of the Bahr-el-Asrek is the distr. of Sennaar, or Fungl: it is a flat and fertile tract, with some large villages, mostly composed of conical houses, similar to those of the S. African tribes. Six days' march S. of Khartum is Sennaar, with a long ragged mountain, about 15 m. W. of the town (Sennaar). The most considerable port upon the Robert production. Lenguages, &c. — The inhab, of the different parts of Nutia differ consi

Population, Languages, &c. — The inhab of the dif-ferent parts of Nubia differ considerably in personal appearance; and those southward are much darker than those in the states bordering on Egypt. The marked inose in the states dorearing on Eype. The marked features of the whole race, however, are long oval countenances, curved noses, somewhat rounded towards the top, rather thick lips, but not so far protruding as those of the negroes, retreating chins, scanty beards, lively dark eyes, strongly firzied hair, and well-knit, muscular bodies. The Noubas, properly so called, are about the best looking of the race; both men and women have good features and well-proportioned persons, their disposition and character also being, according to Burck-hardt, more susceptible of improvement than those of the Dongolese, who are described as dirty, idle, and ferocious. (See Doxoota, I. 701.) The people inhabiting the valley of Sheygya, E. of Dongola, are the most powerful of the Nubian tribes N. of Sennaar. They are good horse-soldiers, and were employed as such by Ismael Pacha, on his expedition against the negroes of the S. The common people are almost naked, wearing nothing but a hip-cloth. They usually speak the Arabic language; and the learned caste among them cultivate most branches of Mohammedan literature. The Berbers present, perhaps, the worst specimens of Nubian character: treachery, dishonesty, and drunkenness, are prevailing features among the men: and the women, who in the better parts of the country are modest and observant of conjugal fidelity, here induige in the greatest profilisacy, and pay no attention to the marriage vow. The inhab of Upper Nubia are of Arabic descent, speak the language of the Arabs, and resemble them in their love of a restless roving life. A pastoral pop. inhabits the banks of the Tacazzé, which, also, are visited by mountaineers, when in seach of pasturage, during the dry season. The B. desert is infested by wild nomadic tribes, constantly at war with each other, and remarkable for adrotiness in thieving and treachery towards strangers.

Productive Industry and Commerce. — The cultivated features of the whole race, however, are long oval countenances, curved noses, somewhat rounded towards the strangers.

Productive Industry and Commerce. - The cultivated

portions of the Nubian valley being, on account of the height of its banks, beyond the mundation of the Nile, the land can only be watered by artificial means. Even in the lateral valleys, the few canals cut through them are rarely full; and the water, both from them and the Nile, is raised by Persian wheels. Dhourra is reaped in December and January; next follows a crop of barley, and then dhourra again. Tobacco is universally raised. Although the S. districts present some excellent land, agriculture offers few charms for the inhab.; and Sennaar and Shendy are celebrated only for being the cutropolis of the chief commerce of E. Africa. The town of Shendy, having Soudan and Abyssinta to the S., Egypt and the Arabian Gulph to the N. and E., and Darfur to the W., is the centre of much of the trade with those countries. Markets are regularly held there twice a week; and at one of them Burchardt saw from 4,000 to 5,000 cows, as many camels, nearly 100 asses, and several horses for sale. In Shendy are several forges for iron and silver. The merchants from the W. pay regular visits to Sennaar; they exchange Indian goods for gold, which they transport to Djidda and the E. The price of gold at Sennaar is estimated at 12 dollars an ounce, and at Shendy 16 dollars. Every two months merchant caravans arrive at both these places, frequently consisting of 500 or 600 camels, laden with dhourra; others, comprising about 100 camels, trade in various products, as well as slaves. The traffic in slaves is extensively carried on, upwards of 5,000 being annually imported from the interior of Africa; of these 2,500 are disposed of in Arabla, 1,500 in Egypt, and 1,000 in Dongola and other parts of Lower Nubla. The Arabs of the Caravans with senna of the best quality, ostrich feathers, and charcoal.

History, Government, &c.— It has been supposed that.

Ostrich feathers, and charcoal.

History, Government, &c.— It has been supposed that the country of the Ethiopians was among the carliest in which advances were made towards civilisation, and that the arts descended from Meroë to Egypt. But we have little on no authorities from the country of the country that the arts descended from Meroë to Egypt. But we have little or no authentic information respecting the state of this country in antiquity; and it was not till the 6th century that the wandering ancestors of the Nubians appear to have settled under a regular government. At that period mention is made of Silco, king of the Nubates and the Ethiopians (Letronne, Journal des Savans, 1825); under whom they were converted to Christianity, the country divided into ecclesiastical districts, and the whole subjected to the Patriarch of Alexandria. After the loss of Abysinia, the kinzs of the tricts, and the whole subjected to the Fatriarch of Alex-andria. After the loss of Abysinia, the kings of the Noubas resided at Dongola; but in the 14th century their power ceased, and Nubia was divided into several petty states. In the succeeding century the Mohammedan con-querors reached and subdued the country, Christianity was suppressed, and Mohammedanism took its place.

Down to the year 1821 the people of Nubia were inde-pendent, living under their own Meleks, or chiefs; but at that period Ibrahim Pacha reduced them to a dependency on Egypt. This change is so far fortunate for travellers, that with the permission of Mehemet All, the whole country is open to their researches, and no danger is to be apprehended, except from the climate and the dishonesty of the natives. The same system danger is to be apprehended, except from the climate and the dishonesty of the natives. The same system of military despotism and oppressive taxation that exists in Egypt has been extended to Nubia: but it is a question whether the people be now more heavily taxed than formerly by their petty chiefs, while, in other respects, their condition is improved.

Monumental Remains of Nubia — Ipsamboût.— Of all the relies of ancient art with which the valley of the Nile abounds over the whole distance from Meroë to Monubia, none have excited more admiration than the

Memphis, none have excited more admiration than the excavate temples at Ipsamboth, lat. 229 19' 47" N.; long. 31° 32' M" E. According to Champollion, the great temple, "cat une merseille, gui serait une fort beile chose même d Thêbes!" It is wholly cut out of the belic chose même et Thâbes!" It is wholly cut out of the solid rock, and presents a façade, supported by four scated colossi, of exquisite workmanship, and not less than 61 ft. in height. They represent Rameses the Great, and are all portraits, for the faces bear a perfect resemblance to the figures of that king at Memphis, and elsewhere. The interior is not less grand than the enresemblance to the large resemble to the elsewhere. The interior is not less grand than the entrance: 16 apartments have been enumerated; the first of these is sustained by eight pillars, against which rest the backs of as many figures of Rameres, each 30 ft. in height. The walls of this immense hall are covered with the backs of the most of the large resemble backs on historical subjects, the most the backs of as many figures of Rameses, each 30 ft. in height. The walls of this immense hall are covered with innumerable bas-reliefs on historical subjects, the most striking portraying the conquests of the same prince in Africa. The other spartments afford some curious particulars that supply many conjectures relative to Nubian and Egyptan religious history, which it remains for future students in hieroglyphics to verify. The whole is terminated by a sanctuary, at the back of which are soated five statues, representing Amou, Ra, Phrè, Phtah, with the never absent Rameses the Great. The smaller of these excavations is a temple dedicated to Hathor by Nofre-Ari, wife of Rameses the Great, whose facade has six colossi, each 35 ft. high, carved out of the rock. They represent Rameses and his wife, having at their feet

statues of their sons and daughters, all of whom have their names and titles. The front of this temple is free from sand, and access is much easier to its interior than from sand, and access is much easier to its interior than to that of the greater. A passage leads to the promaos, which is 35 by 3½ ft., supported by six square pillars, three on each side: to this chamber succeeds a vestibule, which leads to the adytum, or sanctuary, containing the remains of a sitting statue cut in the rock, which, however, is not in such good preservation as the rest of the structure. The bas-reliefs adorning the sanctuary are painted, the figures yellow, and are enclosed by a border of three colours: the colour of the ceiling is blue.

We are indebted to Burckhardt and Belsoni for bring-

We are indebted to Burckhardt and Belsoni for bring-ing these splendid temples to light. The entrance of the great temple is so blocked up with sand that it is only passable by a person divesting himself of nearly all his clothing, and creeping on his hands and knees; and then the heat within is more intense than that of a Turkish hath the want of six below almost himself.

clothing, and creeping on his hands and knees; and then the heat within is more intense than that of a Turkish bath, the want of air being almost insufferable.

Besides the excavated temples of Nubla, of which Ipsamboûl does not present the only specimen, there are others, partly hewn out of the solid rock, and partly built. Those of Girshe (lat. 32° 31'45'' N.; long. 32° 56'55'' E.), Sebona, Dendera, and Gebel.el. Birkel (lat. 18° 31' Al'' N. Ruppell) are of this class. The interior of these temples is cut out of the solid rock, while the exterior chambers and appendages are formed of stone-work. From the primitive character of the masonry, the rudeness and decay of the sculptures, and the decomposition of the walls, it has been concluded that the temple of Gebel.el. Birkel is older than many of the temples of Egypt, or even of Nubla. This site is also remarkable for 13 pyramids, lying in the desert to the E. of the town, differing from those previously known, their sides presenting small temples with gateways and enclosures. Opposite to Birkel, on the other side of the Nile, at Nouri, is another assemblage of pyramids. The age of all these vast masses of stone, many of them exhibiting little cise to the modern traveller than mounds of debris, no doubt belongs to the remotest antiquity. At Sammeh and Dendera, we find specimens of a more perfect class of temples have the or the short memotioned and which belong to the dera, we find specimens of a more perfect class of temples than those before mentioned, and which belong to the last epochs of Nubian art. That at the laster place has the proportions of Grecian structures, and in the pillars have been recognised a mixture of the Greck and

the proportions of Grecian structures, and in the pillars have been recognised a mixture of the Greek and Egyptian styles.

Ruins of Mero?—The tract of country enclosed by the Nile and the Tacaszé, or Atbara, and terminating at the confluence of these rivers, was the island of Meroë of ancient geographers; and near Assur on the Nile, in the prov. of Shendy, the ruins of the ancient capital of Ethiopia have been recognised. Nothing remains but the Necropolis; which consists of a vast assemblage of pyramidis, similar in every respect to those of Birkel. (For a particular account of which we refer the reader to Abakins? Travels is Ethiopia, p. 66, et seq.) We must not, however, omit to notice the inferences drawn from these and other Nubian monuments by those whose acquaintance with antiquities entities their opinions to respect. They conclude that art and civilisation, instead of ascending the Nile from Egypt, descended to it from Rthiopia. The decay in which the mounds of Meroë are now found, produced entirely by the slow hand of Time, the sculptures of their interior, exhibiting religious rites of a purer and simpler stamp than those of Egypt, and other circumstances which nice observers have supposed they have detected, prove, according to the authorities referred to, that they have been the models of the more stupendous Egyptian structures. The excavated temples, too, furnish, it is alleged, proofs of the remotest attempts at architecture. But, how plausible soever, these conclusions amount to no more than probabilities; and it would not be difficult, were this the proper place, to show that they must be received with great limitations and modifications.

and it would have be described with great limitations and modifications.

NUDDEA, a district of British India, presid. Bengal, chiefly between lat. 23° and 24° N., and long. 88° and 89° B.; having N. the districts Moorshedabad and Rajeshage, E. Jessore, W. Beerbhoom, Burdwan, and Hooghly, and S. Calcutta and the 34 Pergunnahs. Length, N. to S., about 80 m.; average breadth, nearly 40 m. Area, 3,106 aq. m. Pop., in 1822, estimated at 1,187,160. Its natural features are the same with those of the rest of the delta of the Ganges, by many arms of which it is intersected. The culture of the soil has greatly increased since the establishment of the perpetual settlement: total land revenue, in 1829-30, 11,66,951 rupees. Gang-robbery formerly prevalled to a great extent in Nuddea; but under the British rule, it has decreased so as to be now of rare occurrence.

rare occurrence.

NUDDBA, a town of British India, presid, and prov. Bengal, cap. of the above distr., at the commencement of the Hooghly river, 80 m. N. by W. Calcutta. It is the residence of the collector and judge for the district, and was formerly the cap. of a rajahship, and a celebrated seat of Hindoo learning, but it has now fallen into decay. (Parl. Reports, &c.)

NDYDRORG, a celebrated hill-fortress of Hinprov. Mysore, on a hill 1,700 ft. in height, 100 m. dysore; lat. 13° 22' S., long. 77° 44' E. The hill on it stands is inaccessible, except on one side: the is within it several barracks, magazines, &c., be-. Hindoo temple, in which worship is paid to the undy, whence the name of the fortress. Nundywas taken by the British in 1791, after an obstinate

. Hindoo temple, in which worship is paid to the undy, whence the name of the fortress. Nundywas taken by the British in 1791, after an obstinate e of 3 weeks.

NEATON, a market-town and par. of England, stone div., hund. Hemlingford, co. Warwick, on nker, 84 m. N. by E. Coventry, and 90 m. N.W. n. Area of par., 7.030 acres. Pop., in 1841 7.105, The is large and well built; consisting principally of a main street, whence another diverges, in which is arket-place. The church is a Gothic structure, asquare tower; the living is a vicarage, in crown nage. There is also a modern-built chapel-of-case; he Wesleyan Methodists, Independents, and Baphave their respective places of worship. A free I was founded, by the inhab, in the reign of Ed-VI; and there is another endowed school, called this Charity School," besides which, there are two rece other day schools and Sunday-schools. The are principally engaged in riband-weaving, and, in there were 3.200 looms, nearly all employed. The e-trade is confined to four firms; and there are ely any engine-looms in the place that are not property, though some are worked on the premise o weavers. Floret gause ribands are the staple of manufacture; but they are occasionally laid for figured satins, sarsnets, and lustrings. (Hand-Weavers' Report.) Malting is carried on to a conable extent; and there is a silk factory, which, howwas unemployed in 1839. Coal is procured in the anient constable and three others, annually elected court-leet. It is one of the polling-places at electrics, and they have a substructure of the N. division of the co. Markets on Saturfairs, May 14. Feb. 18, and Oct. 31., for horses and the substructure of the N. division of the co. Markets on Saturfairs, May 14. Feb. 18, and Oct. 31., for horses and the substructure of the N. division of the co. Markets on Saturfairs, May 14., Feb. 18, and Oct. 31., for horses and the substructure of the N. division of the co. Markets on Saturfairs, May 14., Feb. 18, and Oct. 31., for horses and the substructure of the N. divi

he Pegnitz into 2 nearly equal parta, the Sebaid-side the Lawrence-side, each deriving its name from its cipal church. Nuremberg covers more ground than other city of Bavaria, and is, next to the capital, the toppulous. "It is surrounded by feudal walls and ets, and these are inclosed by a ditch 100 ft. wide, 50 ft. deep, lined throughout with masonry. Its ned gates are fianked by 4 massive cylindrical watchers, no longer of use as fortifications, but picturesque high degree, and serving to complete the coronet of ique towers which encircle the city, as seen from a ance. The stranger arrived within its walls might by himself carried back to a distant century, as he us its irregular streets, and examines its quaint le-faced houses. Its churches and other public edis are singularly perfect, having escaped unharmed therm of war, sieges, and even of the Reformation, which inhabs, adopted at an early perfod, without any outsk of fanaticism or Iconoclasm. Its private buildings, luding the palace-like mansions of its patrician cities and merchant-nobles, having been built of stone, equally well preserved, and many are still ill habited ak of fanaticism or Iconoclasm. Its private buildings, luding the palace-like mannions of its patrician citis and merchant-nobles, having been built of stone, equally well preserved, and many are still inhabited the families whose forefathers originally constructed m. Though built with narrow but highly ornamented ms and acutely pointed gables, they are often of large e, inclosing 2 or 3 courts, and extending back from one ect to another." (Marray's Handb.for S. Germany.) to most elevated position within the town, near its N. tremity, is occupied by the Reicheveste, or Imperial site, a building of great antiquity, and a frequent resince of the German emperors in the middle ages. A rition of this castle is fitted up for the accommodation the King of Baveria, when he visits the town; and mprises a picture-gallery, the paintings in which, hower, except one by A. Durer, are generally of the most dinary merit. The 2 principal churches are highly serving of notice. That of St. Seladi, a fine Gothic fice, with an elegant choir, built in 1837, has numerous ulptures and carvings by Adam Kraft and V. Stoss, any old paintings and stained glass windows, and the markable shrine of St. Sebaid. This, which still ands in the centre of the church, though the latter is woted to the Lutheran service, is the masterplece the celebrated artist Peter Vischer, who, with his re sons, was employed on it for thirteen years "It a miniature Gothic chapel, entirely of bronze, consting of a rich fretwork canopy, supported on pillars, eneath which the relics of the saint repose in an

oaken chest, encased with silver plates. The workman-ship is most elaborate. The figures of the 12 apostles occupy the niches around the shrine, and are truly first-rate works of art. Above them are 12 smaller figures of fathers of the church; while about 70 fanciful repre-sentations of cupids rate works of art. Above them are 12 smaller figures or fathers of the church; while about 70 fanciful representations of cupids, mermen, animals, &c., distributed among flowers and foliage, are scattered over the other parts. The miracles of the saint are the subjects of the bas-reliefs under the coffin. In a niche below, at one end, is an admirable statue of the artist himself, in a mason's dress, and at the opposite end is a figure, equally excellent, of St. Schald. (Handb. for S. Germ.) The church of S. Laurence, founded in 1974, is the largest in the town; and has some very handsome entrances, fine stained glass, curious carvings, &c.; and above all, a repository for the sacramental wafer, a tapering spire of Gothic open-work, 64 ft. in height, executed by A. Kraft, with a minuteness more commonly bestowed on ivory than on stone. The church of St. Glies, erected in 1718, in the Italian style, has a fine altar-piece by Vandyk, various bas-reliefs, escutcheons, &c.; the R. Catholic church, finished in 1361, and distinguished for its rich decorations; and the church of altar-plece by Vandyk, various bas-reliefs, escutcheons, &c.; the R. Catholic church, finished in 1361, and distinguished for its rich decorations; and the church of the Teutonic knights, begun in 1784, are the other principal ecclisiastical edifices: the Gothic chapel of St. Maurice, constructed in 1313, has been converted into a picture gallery, and filled with rejected paintings from the gallery of Munich, &c. The Rathhaus, or townhall, in the Italian style, is one of the most remarkable edifices in the city; it was chiefly built in 1619, but includes the ancient town hall, dating from 1340. In the latter are the great hall and the council-chamber; the walls of the former apartment being ornamented with several oil-paintings by Albert Durer, and those of the latter having many concealed doors "leading to subterranean passages, which extend from the Rathhaus inder the streets to the town ditch, beyond the walls."

(Handb., p. 56.) Nuremburg has a gynnasium, founded by the famous reformer, Melancthon, whose statue is placed in its front; an arsenal, barracks, a theatre, many hospitals and asylums, a savings' bank, a charity for distributing food to the poor, a house of correction, &c. It has also several fountains, some of which are worthy notice, especially the "Beautiful Fountain" (Schöner Brunnen), in the great market-place; a Gothic obelisk, or spire of open-work, with statues of various historical characters. Among the other remarkable objects in and near the city are the house of Aibert Durer, now occupied by a society of artists; &t. John's church, ard, in the latter with those of jects in and near the city are the house of Albert Durer, now occupied by a society of artists; 8t. John's church-yard, in which is Durer's tomb, together with those of many distinguished natives; a succession of stone pillars between the cemetery and the city, ornamented with curious bas-reliefs, &c. Nuremberg is the seat of a high police court, a civil court of justice, a commercial high police court, a civil court of justice, a commercial court of appeal, and a forest board. It has a royal, and other high schools, several Latin and numerous inferior schools, a teachers' seminary, an academy of arts, a polytechnic, and a high commercial academy (Handlungs Institut); a number of public libraries, including the city library of 40,000 printed vols., and 800 MSS. (Adries in Statist. Journ., 1841); societies of national industry, and medical and natural science, an agricultural union, and collections of every description in the arts and sciences. There are but few pictures by the celebrated native artist A. Durer; but those by other artists are very numerous.

very numerous.

Nuremberg has given birth to many distinguished men, Nuremberg has given birth to many distinguished men, including, among others, the famous painter Albert Durer, born here in 1471. Several important inventions in the arts are said to have been made in this city. The famous machine for drawing wire is supposed to have been constructed by Rudolph, a native of this city. (Beckmann's Hist. of Incersions, il. 236.). Gun-loty, and Beckmann says that the circumstance is probable, though he doubts whether the locks were of the present construction. (iv. 60s.) Owing partly to these inventions, but more to the freedom and industry of its inhabitants, Nuremberg early rose to great eminence as a manufacturing and commercial town. It was, in fact, the continental Birmingham of the middle ages, during a portion of which period it is said to have had 70,000 inhabs. Cannon are said to have been cast here as early as 1356; and in the same century it furnished paper and Cannon are said to have been cast here as early as 1336; and in the same century it furnished paper and playing-cards. It had, also, a very extensive commerce, being a principal entrepot for the produce of both the N. and S. of Europe. It still is, and has long been celebrated for an extensive manufacture of wooden clocks and toys, which it exports to all parts of the world. It also produces various species of metallic goods and jewellery, with telescopes, mirrors, mathematical and musical instruments, sealing-wax, and lacquered wares; lead pencils, alabaster, horn, and ivory articles; brushes, woollen yarn, lawn, paper, parchment, brandy and liqueurs, chicory, &c. Printing is also carried on to some extent. on to some extent.

Though considerably declined, it still ranks as one of

the principal commercial cities of Bavaria; and its commerce will, probably, receive some augmentation from the opening of the canal between the Danube and Rhine, now in progress. The first railroad for steam-carriages in Germany was completed in 1835-86, between Nuremberg and Fürth, a distance of 4½ m., now traversed

Nuremberg and Fürth, a distance of 4½ m., now traversed in 15 minutes.

Nuremberg, supposed to have been founded in the 9th century, became, in 938, the seat of the first Germanic dict. Until 1417, it had a burggraf, or resident governor, appointed by the emperor, and the ancestors of the present royal family of Prussia make their first appearance in history in that capacity. It was subsequently governed much in the same way as Venice, by a merchant-aristocracy, consisting of about 30 families, who appointed the executive officers among themselves. It was at the summit of its prosperity in the 18th and 18th centuries. The famous Eness Sylvius, afterwards Pope Pius II., who had travelled over the greater part of Europe, celebrates the wealth of this city; and says in his work De Morito. Germ., published in the 18th century, that the kings of Scotland would wish to be as well lodged as the meanest burgesses of Nuremberg. Cuperent ism egregic Scotorum reges, quam mediocres Nuremberge cives habitare. (p. 1,085.)

Nuremberg early embraced the doctrines of the Reformers, and is celebrated in the history of the Reformers, and is celebrated in the history of the Reformers, and is celebrated in the history of the Reformers, and is celebrated in the history of the Reformers, and same of the Reformers; and here, on the 3d of July, 1532, a treaty was signed, by which full toleration was granted to those professing the new doctrines. The city preserved its privileges as a free town of the empire to the peace of Presburg in 1808, when it was annexed to Bavaria by Napoleon. (Rerghaus, Allg. Länder, and Volk., iv. 145—147.; Murron's Handbook for S. Germany, 54—62.; Dict. Geog.; Stein, Cannabich, 3c.)

0.

OAKHAM, a market-town and par. of England, hund. of same name, co. Rutland, of which it is the cap., 17 m. R. by N. Leicester, and 38 m. N. by W. London. Area of par 3,130 acres. Pop., in 1841, 2,726 It is tolerably well built. The chief public buildings are the co. half (forming the only remaining part of a castle built in the reign of William the Conqueror), a fine church with a lofty spire, and a large edifice belonging to the Rutland Agricultural Association. The free school, founded in 1841, and closely connected with that established at Uppingham, is under the control of 14 official governors:

lofty spire, and a large edifice belonging to the Rutland Agricultural Association. The free school, founded in 1844, and closely connected with that established at Uppingham, is under the control of 14 official governors; it is well endowed, and has 34 exhibitions at Oxford and Cambridge; it has two masters, and the school is open ratuitously to the children of the poor inhabs. An hospital for old men was incorporated with it by Queen Elisabeth, and endowed with allensted church property, now producing above 3,000£ a year. Another hospital once existed here, but it has fallen into decay. A boy's national school is established, and there is a well attended Sunday-school. Oakbam is of very little importance with respect to trade, its chief dependence being on its markets and the retailing of goods for domestic consumption. It is connected by a canal with Melton-Mowbray, and has a considerable traffic in coal. The assises, quarter and petty sessions are held here; and Oakham is the election-town for the co. Markets on Sat.; fairs for cattle and sheep, March 15., 2d Sat. in April, May 9, Sat. in Whit-week, Sat. after Oct. 10., and Dec. 15.

OAKHAMPTON, a decayed bor, market-town, and par. of England, hund. Lifton, co. Devon, on the Oke, a trib. of the Torridge, and near the N. border of Dartmoor, 30 m. W. Exeter. Area of par. (including the villages of Chisascot, Meldon, and Kegbear), 12,570 acres. Pop., in 1831, 2,055. It is old and irregularly built. The church stands on rising ground about I m. westward; and there is an ancient chantry chapel in the market-place, with places of worship for Wesleyan Methodists and Independents. It has a small endowed free school and two subscription schools, with minor charities for the relief of the aged poor. "The town is not fourthshing:" the inhab. depend chiefly on retail trade, a few, however, being supported by serge-wearing. It also derives some advantage from its situation on the great road between Exeter and Falmouth. (Msss. Corp. Report.) The bor was not incorporated

OCANA.

S. S. E. Mexico, and 160 m. S. S. W. Vera Crus, lat. 170 b' N.; long. 170 8' W. Estimated pop., 40,000. It is built in the form of a parallelogram, about 2 m. in length, and 14 m. in breadth, including its abourbs, which are laid out in gardens and planted with nopal trees. The streets, which are broad, straight, and well paved. The streets, which are broad, straight, and well paved. The streets, which are broad, straight, and well paved are lined with good houses of a greenish kind of stone; and on the whole it is the neatest, cleanest, and most regularly built city of Mexico. The public buildings are is general handsome, solidly constructed, and richly decorated: the town-hall, cathedral, and bishop's palacs form 3 sides of the principal square. There are several churches and convents; and numerous fountains are supplied with water conveyed by aqueducts across the valley from the neighbouring hills of St. Felipe. The climate is peculiarly good, the thermometer seldom falling below 630 or rising higher than 780; but it is exposed to earthquakes, and suffered considerably during the last that happened in Mexico. Oaxaca was founded by Numo del Mercado, one of the companions of Cortex, and received its name from the trees called gwares that abound in its neighbourhood.

The state of which Oaxaca is the cap. is remarkable for its extreme fertility, and for the richness and variety of its products. The cerealia and the surger-cane are

The state of which Gazaca is the cap. is remarkable for its extreme fertility, and for the richness and variety of its products. The cerealia and the sugar-cane are raised with great facility, and cochineal is extensively cultivated. Considerable attention is likewise paid to the culture of silk. The mineral riches of the state have been very little explored. (Ward's Maxico, it. 389; Mod. Trav. \$c.)

been very little explored. (Ward's Mexico, ii. 389; Mod. Trav. &c.)

OBAN, a parl, bor. and sea-port of Scotland, co. Argyle, on a bay of the same name, in a secluded but beautiful situation, 61½ m. N.W. Glasgow. Pop. 1.398. The only public buildings are a new quood sacra church connected with the establishment, and a dissenting chapel. It has no manufactures, and no trade, except in such articles as the limited consumption of the place and neighbouring district require. It is visited by the steam-boats between Glasgow and Inverness, and those that ply between either of these places and Staffa, long, &c. The harbour is excellent; and the inhab. engage extensively in fishing. The magnificent ruins of the royal palace of Dunstaffage, stand on a promontory 3 m. N. the town. The town had no parl. representative till the passing of the Reform Act, in 1832; which united it with Campbelton, Inverary, Irvine, and Ayr, in sending 1 mem. to the H. of C. Registered voters, in 1849-50,61

1849-50,fill
OBI, a large river of Asiatic Russia, in the governments of Tomak and Tobolsk, rising by two principal sources on the N.W. side of the Little Altai chain near the frontiers of the Chinese empire; lat. 51° N.; long. 89° E.; flowing first N.W. and them N. into the Gulph of Obi, after a course of about 2,700 m.; but if the Irtish, which joins it in lat. 60° 50° N., and is the longest and widest stream and most direct from the source, be considered the main river, its length will exceed 3,000 m.; the area of its entire basin has been estimated at ,357,000 sq. m. The Obi, which is the eastern branch, has numerous affluents, the principal of which are the Tom, Thelim, and Ket, joining it on the E. or right bank. After its junction with the Irtish, it attains a breadth in some places of noarly 20 m. with a depth varying from 2 to 7 fathoms, and has a very rapid current, forming in the lower part of its course numerous islands, and flowing over rocky ledges that greatly impede aaviing from 2 to 7 fathoms, and has a very rapid current, forming in the lower part of its course numerous stands, and flowing over rocky ledges that greatly impede navigation during the few months that the river is free from ice. The Irriah rises within the Chinese empire, in lat. 47° N. long. 89° 10° E., on the W. side of the Great Altal chain, and pursues a course nearly W.N.W. of 300 m. to lake Taigan, through which it flows, and then turns N. ward for about 10 m., after which it has a general N.W. direction, passing Semipolatinak and Omsk, as far as Tobolak. Below this point it makes a curve N.E. ward of about 300 m., and joins the Obl at Samarova. Both the Obl and Irish abound with flash, which might be made a lucrative article of trade, as there is a free navigation during the greater part of the year

which might be made a lucrative article of trade, as there is a free navigation during the greater part of the year along the Northern Ocean to Archangel. (Sietin's Geographie, iii. 87.; Dict. Geographie, iii. New Castile, prov. Toledo, 36 m. B. Toledo and 34 m. S. by E. Madrid, on the great road leading from Madrid to Granada. Pop., acc. to Minano, 5,013. It is an ancient town of considerable size, surrounded by ruined walls, sit on the summit and sides of a steep hill. Streets generally narrow and illustit: but there are two or three squares which give it a tolerably respectable appearance. It has four parish churches, three decayed monasteries, an hospital, cavairy built: but there are two or three squares which give it a tolerably respectable appearance. It has four parish churches, three decayed monasteries, an hospital, cavalry barracks, and a school of primary instruction; but the only object worth notice is the Fuents vicin. a foundain and aqueduct of stone, on 19 arches, supposed to have been constructed by the Bomana, which supplies the town with excellent water. Ocana, in the days of its prosperity under the Grand Masters of the Order of St. lago, established here in the 12th and 13th centuries, carried on a considerable trade in gloves; but its industry

st present is confined to the manufacture of hard soap, he tanning of leather, and the weaving of coarse woollen and linen cloths. A festival and fair is held on the 8th lept and eight following days, which is much frequented, specially by Jewish traders. During the peninsular war leafs was the scene of a disastrous and obstinately conested battle (Nov. 19, 1809), between the Spaniards ander Areisaga and the French under Mortler and lictor, which terminated in the total defeat of the orner. (Milmon: 3th A. Brooke's Spatin and Morocco, 291; Mod. Trow.)

ODENSER, a town of the Danish dom., ial. Funen, (which it is the cap., on a small river, about 3 m. from he bottom of Stegestrand bay, a deep gulph to which it as been united by a navigable canal, 8th m. W. by S. Openhagen; lat. 50° 34′, long. 10° 34′ 30′ E. Pop. 700. It is well built; and has one of the finest caledrals in Denmark, in which many of the Danish may are buried, an old episcopal palace, with a library 6,000 vols., a gymnasium, a church seminary, and a movent with an extensive library of Danish books, the silection of which commenced with the introduction of inting into the kingdom. It is the residence of the vernor and of the blabop, and has a patriotic society, ost of the gentry of the island reside here for a part the year, and the inhabe, are said to be the best incated and informed of his Danish majesty's subjects. agiis.) It is celebrated for its manufactures of gloves di leather accourtements: it has also manufactures of she, with extensive brewerless and distilleries, soap rika, &c. It is the most ancient town of Denmark; it was a place of great note long before Copenhagen is in existence. (Sicins ; Inglis, Cose., &c.)

DER, a large and important river of Germany, travaia, about 15 m. E. Olmuts, lat. 49° 35′ N., long. 25′ E., at an elevation of 1,600 ft. above the sea. It na, at first, generally N. E. to Oderberg, near which eaves the Austrian dom.; it thence flows in general with the first of the Battic, which it enters by merous mouths near

to 50 tons as high as Breelau. Next to this city, nkfort, Stettin, Oppeln, Glogau, Crossen, Kustrin, Schweldt, are the principal towns on its banks. It connected with the Havel and Elbe by the Finow il, with the Spree by Frederick-William's camal, and I the Vistula by means of the canal from Nakel on Netz to Bromberg. It is of the highest commercial intage to the country through which it flows; as to cl, see article Paussia, in this vol. (Dict. Géog.; Assus, &c.)

Netz to Bromberg. It is of the highest commercial intage to the country through which it flows; as to ch, see article Paussia, in this vol. (Dict. Geog.; glasus, gc.)

DESSA, a celebrated city, see-port, and emportum. Rusada, gov. of Kherson, on the N. W. coast of the k Sea, about haif way between the mouths of the estr and Bug: lat. 46° 28° 40" N., long. 30° 43° 28° Pop., in 18°45, 70,877. The rise of this emportum been quite extraordinary; its foundations having laid, by order of the Empress Catherine, so late as after the peace of lassy. It was intended to serve as after the peace of lassy. It was intended to serve as after the peace of lassy. It was intended to serve as attrepts for the commerce of the Russian dominions the Black Sea, and has, in a great measure, answered intention of its founders. It has been said, indeed, a better locality might have been chosen; and in for this, it is stated that there are no springs nor water within 3 m. of the town; that the vicinity is caratively barren and without wood; and that not you or near the mouth of any great navigable river, immunications with the interior are difficult and exive. That these considerations have great weight is; but, on the other hand, the situation has the adage of being central and salubrious; the bay, or road, which is generally open and easy of access, is exve, the water deep, and the anchorage good; the which is artificial, being formed by two moles, is to accommodate above 200 ships, and has a lasson the model of that of Marsellies; the inconvece arising from the want of water has been obvitated in cutting of a canal, by which it is conveyed to own; and, on the whole, we doubt whether any on could have been chosen so well suited to serve entrepôt. The vicinity is by no means so barren as een represented. Latterly, indeed, it has been signing rowed by the formation of many gardens, and e planting of extensive vinegards.

e town is well built of soft calcareous stone; but the abeing, for the most part, detached from each other, are few ha

is, that the streets are generally unpaved: and after rain the ground is so deep that, according to Mr. Elliott, "it is not uncommon for gentlemen to be obliged to leave their carriages in quagmires in the middle of the streets, and to send oxen to drag them out!" (Trae: in Austria, Russia, send oxen to drag them out!" (Troe. in Austria, Russia, &c., 1. 26.). But some of the principal streets are now either paved or macadamised; and in this respect the city has been materially improved. The warchouses for corn are very extensive. The city is defended towards the sea by some batteries, and on its K. side is a chadel, which commands the town and port. The space, comprising the city and a small surrounding dis-trict, to which the franchise of the port extends is bounded by a rampart. Though it cannot be called a manufacturing town, Odessa has some fabrics of coarse woollen and silk goods; and has extensive tallow re-fineries, brewerles, distilleries, rope-walks, &c. Among the public buildings may be specified the church

Among the public buildings may be specified the church or cathedral of St. Nicholas, with a cupola, the exchange, palace of the governor, theatre, harracks, R. Cathelic church, an hospital 2 stories in height, a large and fine building, with public baths, large hotels, &c. On the quay facing the port, in the centre of the explanade, is a statue in bronze in homour of the Duc de flichlieu, to whose calightened administration much of the prosperity of the city is ascribable. Of the various institutions which the city owes to the duke, the Lyceum, which bears his name, founded in 1817, is one of the most important. Its organization has been modified of late years; and at present it is divided into the faculties of philosophy and jurisprudence, and has attached to it a typmaskim with 4, and a primary school with 3 classes. In 1835 it had 250 pupils, and a library with about 7,000 vols. There are also schools for the education of young ladles, founded in 1829 and 1835; a Jews' school, attended by about 400 pupils; an institution for the study of the eastern languages; schools of pavigation and com-

ed by about 400 pupils; an institution for the study of the eastern languages; schools of navigation and commerce; an orphan school, &c. The inhabs, as in other commercial towns that have had a rapid rise, are a very motley race, consisting of Busslans, Greeks, Jews, Poles, Italians, Germans, French, &c.

In 1817, a ukase conferred on Odessa, for a period of 30 years, the important privilege of being a free port; and her commerce has since rapidly increased. Not being at the mouth of any great river, nor having any considerable manufactures, she is not a port for the exportation of what may be called articles of native growth; but in consequence of her convenient situation, excellent port, and the privileges which she enjoys, she is, as already remarked, the emportum where most of the produce of Southern Russia destined for foreign countries is collected for exportation, and where most of the foduce of Southern Russia destined for foreign countries is collected for exportation, and where most of the foreign articles required for home consumption are primarily imported. The shallowness of the water at Tagaorog, and the short period during which the sea of Asoff is navigable, tends to hinder foreign ressels of considerable burden from entering the Strait of Yenikale, and occasions the shipment of a considerable period of the produce brought down the Don in lighters to Caffa and Odessa, especially the latter. All the products brought down the Dniestr, the Bug, and the Dniepr, are exported from Odessa; but owing to the difficult navigation of the first and last mentioned rivers, by far the greater part of the corn brought to Odessa from Podolia, the Ukraine, &c., is conveyed to the town in carts drawn by oxen. The roads traversed by these carts are only practicable at certain seasons of the year; and nothing would contribute so much to increase the commerce of the port, and the prosperity of S. Russia, as the opening of improved communications with the interior; whether by removing obstructions in the channels of the rivers, constructing canals. Or railways, or good common roadsconstructing canals, or railways, or good common roads.

Among the articles of export from Odessa, corn, espe-

Among the articles of sport from cassas, our, specially wheat, occupies, as every one knows, a high rank; but tallow is also a most important article; and next to it are linseed, wool, iron, hides, copper, wax, caviar, potash, beef, furs, cordage, sail-cloth, tar, butter, isinglass, &c. Subjoined is an

Account of the Arrivals of Wheat at Odessa since

1801	arr'd.	55,112	chet.				
1802	-	295,106	-				
1803	-	491,838	-				
1804-15	-	1,598,567	average	e 184,	9.56 ch	t. a year.	
1814-23	-	6,800,000	AVEYOU	r 680,	000 ch	e do.	
1884-55	to the same of	7,279,000					
1834	See .	691,000	chet.				
1835	-	578,100	-	1843	arr'd.	1,170,715	chéta
1836	-	575,700		1554	-	1,315,300	-
1837	-	950,498	-	1845	-	1,981,930	-
1838	-	1,241,000	-	1846	1	2,124,385	-
1839	-	1,159,000	-	1847	-	9,775,837	1990
1840	-	680,000	-	1849	-	2,059,097	
1841	Seeme .	720,772	-	1849	100	1,714,741	-
1542	-	865,122	-				

The small amount of the wheat brought to Odessa in 1835 and 1836 was owing to the almost total failure of the

^{*} A chetwert is equivalent to about 6 imperial bushels, or 3-4ths of a quarter,

crops in S. Russia in the course of these years. The exports of wheat from Odessa in 1847, exceeded, we believe, ports of wheat from ducess in 1847, exceeded, we bestere, the exports from any other port in any single year, either in ancient or modern times. They reached, as seen by the above table, the prodigious amount of 2,775,837 chet., being 651,452 chet. more than their amount in 1846, the year of the greatest previous exportation. The average being 651,452 chet. more than their amount in 1846, the year of the greatest previous exportation. The average price of wheat free on board in 1846, considerably exceeded 40s. a quarter; but taking it only at that sun, the gross value of the exports of that grain from this single port must have exceeded 4,000,000, sterling! This excess may be ascribed in part to the extremely abundant harvest of 1846, in Southern Russia and Poland, and in part vest of 1846, in Southern Russia and Poland, and in part to the high prices and great demand for wheat in this country and in France, which made every corner of the country accessible by the Black Sea be ransacked for supplies. Of the quantity exported the largest share went to Marseilles: our imports were, however, very heavy, having amounted to 462,000 quarters, including those from Taganrog. The price of the best wheat in Odessa is rarely under 25s. or 28s. a quarter; and, during the 3 years ending with 1840, it was 34s. 6d. free on board: the freight and other charges on importing a quarter of wheat from Odessa to England may be estimated at about 16s. a quarter. Constantinople, Genoa, Leghorn, Marseilles, and Malta are the principal markets for Odessa wheat; but, as already seem, when our crops are deficient, wheat; but, as already seen, when our crops are deficient, considerable quantities are shipped for England.

Account of the Quantities, in English Weights and Measures, of the principal Articles exported from Odessa in 1847.

Articles.		Quantities.	Articles.	Quantitles.
Wheat	imp. qrs.	2,016,692	Hides - cwt.	5,219
Rye .		240,390	Tallow - tons	5,395
Indian C	m	27,109	Iron	239
Barley	_		Planks and	
		15,416	Staves value &	3,686
Peas -	-	2.340	Furs	4,774
Flour -		17,000	Gold thread	-,
Butter	- cwt.	684		2,416
Cavier		2.002	Manufactures	15,489
Linseed	imp. qrs.		Sundries	68.212
Rapesced	-	1,460		
Wax	cwt.	344	Total Value of Ex.)	:
Candles	_	5.474		
Cables ar	d	, ,,,,,	to Custom House	5,699,174
Cordage	_	16,010	Reports · £	
Wool	• -	44,550		ì

The great articles of import into Odessa consist of sugar, coffee, and other colonial products; cottons, silks, woollens, and other manufactured goods; oil, wines, and spirits; spices and dye-stuffs; cotton-twist and raw and spirits; spices and dye-stuffs; cotton-iwist and raw cotton; lemon-juice; tin and tin-plates; cutlery, timber for building and firewood, &c. About 1,000 ships from foreign parts enter and leave Odessa in ordinary years. Including Maltese and Ionians, above 300 ships under English colours have arrived in the port in a single season; but their number is very fluctuating, depending essentially on the state of the corn trade. The official value of the exports in 1847 amounted to 34,000,000 silver roubles, and that of the imports to 11,002,000 do. The exports of tailow have latterly fallen off, while those of wool have increased. wool have increased.

exports of tailow have latterly fallen off, while those of wool have increased.

A tribunal of commerce was established at Odesas in 1824, whose jurisdiction extends over all disputes connected with trade. There is no appeal from its decisions except to the Senate. There are 12 sworn brokers, approved and licensed by the Tribunal of Commerce, who have deputies appointed by themselves. They register all transactions, and receive \$\frac{1}{2}\$ per cent. from each party as commission. There is a discount or loan bank, established in 1828, and marine and fire insurance societies. Most articles of provision are cheap; and fish, which costs next to nothing, is excellent. Fuel, however, is scarce and dear. (Official Reports; Private Information; Schwitzier, La Russie, p. 724., &c.)

ODEYPOOR, or OUDEPORE, a city and rajahship of Hindostan, prov. Rajpootana, the city standing in a basin surrounded with rugged hills, 135 m. S.S.W. Ajmere, and 165 m. N. W. Oojein; lat. 24° 35′ N. long. 30° 44′ E. It has, at a distance, an imposing appearance. On the W. It skirts a large lake, the palaces and garden residences on the brink of which are all of matble, with sculptures that are both highly finished and display considerable trace.

residences on the brink of which are all of marble, with sculptures that are both highly finished and display considerable taste. (Hamiltons.) It is protected from inundation by an extensive embankment stretching along the lake. Images, toys, and other articles in marble, crystal, &c., are sent from Oderpoor into the neighbouring provs. The rajahshlp, or principality, of which this city is the cap., called also Mewar or Chittore, holds a high rank among the Rajpoot states. It has N. Joudpoor; E. the territories of Kotah, Sindia, &c.; S. many small principalities of Malwah, Guzrah, &c. and W. Sarowy. Area estimated at 11,784 sq. m.; and pop. at 300,000.?

The surface is hilly and well watered, producing sugar, indigo, tobacco, rice, wheat, barley, &c. Fuel is abundant;

and there are mines of iron, copper, lead, and sulphur, the last mentioned product being, however, of inferior quality. The pop. consists principally of Rajpoots, Jauts, Brahmins, Bheels, and Mesuas. The rans, or chief, claims to be of the purest dynasty in India, and is held in great reverence by the Mohammedans, because of his supposed descent from the Persian sovereign, Nushirvan In prosperity and power, however, this state is much inferior to those of Jeypoor and Joudpoor; and for a lengthened period previously to its becoming subsidiary to the British, it had been wretchedly mismanaged. The treaty of 1818 secured to the British, as the price of their protection, 3-8th of the public revenue.

lengthened period previously to its becoming subsidiary to the British, it had been wretchedly mismanaged. The treaty of 1818 secured to the British, as the price of their protection, 3-8th of the public revenue.

Chittore, the ancient cap., is the only other town in this principality worth notice. It is on the summit of a scarped rock, 68 m. E. N. E. Odeypoor. Heber says "It is still what would be called in England a tolerably large market-town, with a good many pagodas, and a meanly built, but apparently busy baxaar." It was, however, formerly famous for its splendour and riches, and has many interesting Hindoo temples, palaces, and other buildings. It was several times taken by the Mohammedans, and by Akbar, after a siege, an account of which is given in the second volume of the Mitscell. Trans. from Oriental Languages. See also Dow's Hist. of Hindostan, it. 356 357; Heber's Jowrnal, 274-284.

ODIHAM, a market-town and par. of England, co. Southampton, hund, of its own name, 21 m. N. W. Winchester, and 40 m. W. S. W. London. Area of par., 7,550 acres. Pop., in 1841, 2,817. It is pleasantly sit, on the N. side of a chalk down, and comprises a principal and well built street, met by two others of inferior size. The church, a large brick structure, has a square tower at its W. end; the living is a vicarage, in the gift of the chancel or of Salisbury Cathedral. It has, also, 2 places of worship for dissenters, with attached Sunday schools, a free school for 20 boys, and a large national school, and almshouse for 12 poor persons. Odiham has a considerable retail trade, and some of the inhab, are supported by spinning worsted and winding silk. It also derives some advantages from its situation on the Basingstoke Canal. Petty sessions are held here, and it is one of the polling-places at elections for the N. division of Hampshire. Markets on Friday; cattle fairs, March 23. and July 31. About a mile from the town are the remains of an old castle, in which David I., king of Scotland, was imprisoned; and close to the

only existing portion of a royal process. Paul's School, London, was a native of Odiham.

OEDENBURG (Hung. Soprony, an. Sopronsum), a royal free town of Hungary, cap. co. of its own name; in a wide and fertile plain near the S.W. border of the Neusiedi-lake, 49 m. W. Raab, and 37 m. S. S.E. Vienna. Pop. in 1848, 12,500, principally of German extraction. It is generally well built: the town-proper, which is not extensive, is regularly laid out, and tolerably well paved; and the suburbs are in every respect much superior. The only relie of its ancient fortifications is a huge watch tower, which, according to the Austrian Nat. Encycl., is the loftlest in Hungary. It has several Rom. Cath. churches, some of which are interesting specimens of Gothic architecture; a Calvinist church; Dominican and Ursuline convents; Rom. Cath. and Lutheran high schools, two hospitals, two large barracks with a good riding school, a military academy, theatre, &c. It is the schools, two hospitals, two large barracks with a good riding school, a military academy, theatre, &c. It is the residence of the superintendant of the Calvinlst church for Hungary beyond the Danube. The inhabe, refine sugar, weave cotton and woollen goods, manufacture potash, and saltpetre; and trade in wine (grown in the vicinity), corn, tobacco, wax, honey, and cattle, for which it is an extensive market. Numerous Roman antiquities have been discovered in its vicinity. (Oesterr. Nat. Encuc.: Berphan. &c.)

which it is an extensive market. Numerous Roman antiquities have been discovered in its vicinity. (Oesterr. Nat. Energe.; Berghasse, &c.)

OELAND, an island of the Baltic, belonging to Sweden, near its S.E. extremity, being separated from the prov. of Calmar, in which it is included, by the Stratts of Calmar, a channel varying from 2 to about 20 m. in breadth. It is long and narrow, extending between lat. 56° 13′ and 57° 22′ N., and long. 16° 20′ and 17° 10′. Area estimated at 300 sq. m; and the pop. at 31,000. (Horscheimann's Stein.) The W. shore of the island is low, the E. hilly; in the centre is a plateau, elevated about 150 ft. above the sea, principally of a calcareous or sandy formation. It is principally appropriated to pasturage, only a small portion of the land round the coast being under culture. Fishing and navigation form the principal occupations of the inhabs, who send their fish, butter, cattle, &c., to the mainland, receiving corn, manufactured goods, &c., in return. The forests are rather extensive; and the deer, roebuck, and wild boar, are pretty abundant. About 300 hands are said to be employed in an alum mine, the produce of which is supposed to be worth 50,000 dollars a year. Borgholm, on the W. side of the land, is its chief town and seat of commerce. A royal edict of 1820 conferred the freedom to pursue any trade or calling, without authority from

y guild or company, on all handicraftsmen settling in is town. (*Borscheimense's Steins, 1.569.; Dict. Glog.) OBLS, a town of Prussian Silesia, gov. Breslau, cap. c., and principality of Oela; on the river of the me name, a tributary of the Oder, 17 m. N. E. by E. reslau. Pop., in 1846, 6,010. It was formerly fortified, it is now merely enclosed by a lofty wall. It has a rge ducal castle, in which are some extensive collections in art and science, exveral churches and hospita's, theatre, and numerous public schools and charitable stitutions. It has manufactures of woollen and linen brice. (*You Zestlirs. Der Preuss. Staat, &c.) (CESEL, an island of the Baltic, belonging to Russia, dincluded in the gov. Livonia or Riga, extending ross the mouth of the Guilph of Riga, principally becen ist. 899 and 589 '40' N., and long. 210' 40' and 230' Area, estimated at 1,150 sq. m. P. p., including the habe. of the adjacent islands of Moen and Runce, about .000, all Esthonians except some German landed projectors, and a few Swedes. The coasts are bold; the and is well watered, and its climate is milder than at of the neighbouring continent. The soil is mostly my, calcareous, or loamy; but with manuring it bemes tolerably fertile, producing wheat, rye, barley, its, peas, &c.: a considerable extent of the surface covered with forests. Rearing cattle and fishing are eprincipal occupations of the inhabs.; and the seal heries are of some importance. Manufactures quite ignificant. People all Lutherans. Arensburg, on the E. coast, with about 1,800 inhabs, its a bishop's see, at the crutre of the commerce of Oesel. This island longed to the Teutonic kinghts, when their order posited Livonia; it afterwards belonged to Denmark and eden; but it was ceded to Russia with the rest of vonia in 1721. (Schwitzler, La Russie; Dict. Géog. 1907-1906.) OFEN. See BUDA.

OFEN. See BUDA.

DFFENBACH, a town of Central Germany, being the incipal manufacturing town of the Grand Duchy of see Darmstadt, prov. Starkenberg, on the Mayn, n. E. by S. Frankfort, and 17 m. N. by E. Darmstadt. Pop., in 1846, 9,684. It is well built, and has a tile, 4 churches, and a synagogue. Its manufactures sist of silk and cotton stockings; cotton fabrics; riages, and other vehicles; tobacco and nunf; lacered iron ware, sealing-wax, jewellery, toys, umbles and parameter. sist of silk and cotton stockings; cotton fabrics; riages, and other vehicles; tobacco and snuff; lacered iron ware, sealing-wax, jewellery, toys, um-lias and parasols, a few carpets, and other woollen facs, &c. Next to Mayence (Ments) it has the largest nearl trade of any town in the Grand Duchy. Some of wine is grown in its environs. (Berghaus, &c.) DHIO, one of the U. States of N. America, being at sent by far the most important in the basin of the saissippi. It is situated between lat. 389 30' and 42° and long, 80° 28' and 80° 42° W., and derives its me from the magnificent river Ohio, which forms the ole of its S.E. and S. boundary, separating it from rgibia and Kentucky; on the E. it has Pennsylvania, Indiana, and N. Michigan and Lake Erie. Length i breadth, about 200 m. each. Area, estimated at \$50 sq. m. Pop., in 1840, 1.519,457. Ohio comprises ut one third part of the country, sloping from the leighanies in Pennsylvania down to the Mississippilhas no very elevated hill ranges, but consists almost colly of a table land from 600 to 1,000 ft, above the sea, exertal portion of the state being the highest. This, o, which is its least fertile portion, is in parts interresed with swamps and marshes. The declivity to-rds Lake Erie is much more abrupt than the S. slope the state, and the country is here also in parts marshy; t portion of the surface which declines towards the loan and the country is here also in parts marshy; to and its the most extensive. Is diversified with hills. the state, and the country is here also in parts marshy; to portion of the surface which declines towards the io, and is the most extensive, is diversified with hills I valleys; and, on the whole, nine tenths of the te are susceptible of cultivation, nearly three fourths ng pre-eminently fertile. The hills are generally tivable to their summita; and the river bottoms are therantly productive. In the S. and S.E., along the io, the country is broken with abouth thills. Next the Ohlo, the chief rivers are, its tributaries, the oto, Mismi, and Mushingum, and the Maunee, Sansky, and Cuyahoga, tributaries to Lake Erie. The oto, traversing the centre of the state, is a fine navioto, Miami, and Mushingum, and the Maunee, Sansky, and Cuyahora, tributaries to Lake Eric. The oto, traversing the centre of the state, is a fine naviele stream, which has been ascended by boats to near source, where it is separated by a portage of only a miles from the Sandusky. The Mushingum, rising ir the headwaters of the Cuyahoga, is about 200 m. in gth, for 75 of which (from the Ohio to Zanesville) it navigable by small steam vessels, and for 110 m. by teaux. The Miami is navigable for 75 m., and the unee for 18 m.; but most of the rivers flowing N. are atty interrupted by cataracts. In the tract between Scioto and Miami, and in some districts along the 10, are rich and extensive prairies; but originally the intry was almost covered with noble forests of large I valuable trees, and these still remain uncleared in the and N.W. parts of the state. The geological formons are nearly all secondary, comprising limeatione, its, iterous, and ferriferous rocks, sandstone, greywacke,

&c., in horizontal strata. The soil is generally very productive. In the sheltered valleys of the S. the climate is very mild; but in the central and N. parts, the cold of winter is considerably more severe than in the states on the Atlantic in the same latitude; but, upon the whole, it is seen health.

the Atlantic in the same latitude; but, upon the whole, it is very healthy.

In 1848, the value of the taxable property was estimated at 421,067,921 dolls. of which 330,995,273 were real, and 90,072,718 personal prop. Ohio is rapidly becoming a thickly settled country of moderate-sized freehold properties: in respect of the magnitude of its farms, their general equality in point of size, and the dispersion of the pop, over the whole state, Ohio bears a close similarity to the states of New England. (Flint's Geog., i. 291, 392.) Indian corn, wheat, rye, oats, barley, tobacco, orchard fruits, and kitchen vegetables, are the staple products. On the rich alluvial soils, more than 100 bushels of Indian corn are sometimes produced on an acre, though from 40 to 50 bushels may be considered an average crop. The soil is, in general, highly suitable for wheat; and a larger quantity of that grain is raised in this than in any other state of the Union, the produce in 1840 being estimated at above 2 millions of quarters: in consequence, it furnishes large quantities of flour for expense. sequence, it furnishes large quantities of flour for ex-portation. Hemp is grown to some extent. Tobacco of the finest quality is raised E. of the Mushingum river; and the tobacco crop was, in 1837, estimated at 25,000 hhds., and the tobucco crop was, in 1837, estimated at 20,100 mnds, though it has been raised for exportation only within a few years. The vine and mulberry have been introduced; and wine and silk will, perhaps, at no very distant period, be added to the products of Ohio. Hogs form one of the staple exports; Cincinnati (see Vol. 1, p. 610.), being the principal pork-market of the union. The stock of pigs, in 1848, was estimated at 1,879,689. Largedroves

being the principal pork-market of the union. The stock of pigs, in 1848, was estimated at 1,879,689. Large droves of fat cattle are sent every autumn to the markets of the E. and S. In 1848, the stock of sheep was estimated at 3,677,171, yielding about 6,000,600 lbs. of wool; being the largest atock of sheep in any state of the Union, New York and Pennsylvania excepted.

Iron ore is pretty extensively wrought in the E. part of the state, where, also, bituminous coal is found. Sait, lime, and marble are the other chief mineral products. Some of the sait springs on the Mushingum are said to be so rich, as to yield 1 lb. of sait per gallon of brine. Ohio takes a decided lead among the W. states in manufacturing industry. Cotton yarn, cotton and woollen stuffs, iron, glass, and cabinet wares, paper, hats, shots, linseed and castor olls, whiskey, &c., are the principal products. It was estimated, in 1856, that about 2,700,000 lbs. of wool were annually wrought up in domestic manufactures. Cincinnati, Zanesville, Steubenville, and Chilicothe are the principal manufacturing towns. Ship and steam-boat building are important branches of industry. The sailing vessels are laden at spring flood, and sern down the rivers to the sea; both vessel and cargo being usually disposed of in the West Indies or some foreign port. A good deal of timber is sawn and cut in this state; and this, with four, corn, hemp, flax, cattle, beef, pork, tobacco, smoked venison, hams, and spirits, are the principal exports. The N. and E. countles send a good deal of agricultural produce to Montreal; and since the construction of the Ohio and Pennsylvania Canals, several of the W. and S. cos. have an active trade with New York and Philaielphia; but by far the greater portion of the foreign trade of Ohio centres in New Orleans.

The great extent of her canals, and other internal communications, renders Ohio in this respect a rival to

of the foreign trade of Ohio centres in New Orleans.

The great extent of her canals, and other internal communications, renders Ohio in this respect a rival to New York. The Ohio Canal, completed in 1832, is 307 m. in length, extending from Portsmouth on the Ohio to Cleveland on Lake Erie, directly connecting the basin of the Mississippi with that of the 8t. Lawrence, and having several navigable lateral feeders to Columbus, Lancaster, Zanesville, &c. The Miami Canal. So m. in length, from Cincinnati to Dayton, was completed in 1830; and a continuation of the same to meet the Erie and Wabsh Canal (see INDIANA), is in progress. The Mahoning and Beaver, having a length of 77 m. within the state, and the Sandy and Beaver, are the other chief canals. The toils paid on the Ohio and Miami Canals in 1848 amounted to 765,041 doil. The railway from Cincinnati to Sandurky on Lake Erie, about 220 m. in length, is the principal work of its kind; but there are other railways in the state, their entire length amounting to near 400 m.

their entire length amounting to near 400 m.
Ohio is divided into 73 counties; Cincinnati is by far Ohio is divided into 73 colunies; Cincinnati is by far its most important town, but Columbus is its cap, and seat of gov., and the General Assembly meets there annually in Dec. The representatives, 72 in number, are elected once a year; and the 36 senators, being half as many as the representatives, every two years. The right of suffrage is vested in all white inhabs, of the U. States, above the age of 21, who have resided in the state one year next preceding the election, and who have paid a state or co. tax. The governor is chosen for two years, and has only 1,500 doll. a year of salary. There are courts of common pleas in each co.; and a supreme court, consisting of 4 judges, who, since 1844, have 1,000 dolls. a year each. The

Judges are elected for 7 years by a joint ballot of both houses of the General Assembly.

In 1790, the pop. of this state was only about 3,000; whereas, in 1840, or half a century afterwards, it amounted to 1,519,467, and now (1850) it is probably 2,000,000—a rate of increase quite unexampled in any other part of the world, and unequalled except by some of the other states of this valley. This extraordinary increase heen principally brought about by the settlement of immigrants from the E. states, attracted thither by the superior fertility of the soil, but partly also by the influence of immigrants from Europe.

Slavery is altogether abolished. The prevailing religious sects are Presbyterians, Methodists, and Baptists Education is extensively diffused. In the townships that reported in 1839, there were 7,205 schools, attended by 284,612 pupils of all sorts; and the non-reporting districts were nearly as extensive. Ohio University, at Athena, add, in 1848, 28 students; and Miami University, at Oxford, 66, besides which there are superior colleges at Cincinnati, Gambier, Hudson, New Athens, Granville, &c. In 1843, there were in the state 5,052 common schools, attended by 90,995 children; the sum apportioned by the State for school purposes in the same year being 201,796 doils. The total public debt of Ohlo in 1848, amounted to 19,172,223 dollars. (Amer. Aimanac, &c.)

This territory was first settled in 1788; in 1800, Indiana was separated from Ohlo; and the latter was erected into a state in 1802. (Darby's U. States; Fifts; Engy. of Geog. Amer. ed.; Escape. Americans; Amer. Aimanac; G. Official Reburns.)

OHLO, a river of the United States. See Mississippi.

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nin territory was ness section in 1902, in texture was sected into a state in 1802. (Darby's U. States; Fitni; Engyc. of Geog., Amer. ed.; Engyc. Amer. and.; Amer. ed.; Engyc. Amer. Amenac; Official Returns.)

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Ohio, a supplementation of Prederick the Great, in 1846, 4,800. It was formerly one of the strongest for treases of Silesia, but its works were, in great part, demoliahed after its cession to Frederick the Great, in 1741. It has a royal palace, with a gallery of paintings, several Lutheran and Rom. Cath. churches, an hospital, orphan asplum, workhouse, manufactures of woollen cloth, &c. A good deal of tobacco is grown in its neighbourhood. (*Pos Zeditis; Berghaus.)

Olse, a dep. of France, reg. N., formerly comprised in the Ile-de-France; between lat. 49° b' and 49° 45° N., and long. 10° 40° and 30° 10° E.; having N. the dep. Somme, E. Aisne, S. Seine-et-Marne and Seine-et-Oise, and W. Eure and Seine-let-Mississippi. See and the see in Inferieure. Length, E. to W., 63 m.; average breadth, about 35 m. Area, 582,569 hectares. Pop., in 1846, 406,098. Surface gently undulating. A range of hills traverses the dep., dividing the basin of the Somme from that of the Seine, but no undulating. A range of hills traverses the dep., dividing the basin of the Somme from that of the Seine, but no undulating. A range of hills traverses the dep., dividing the basin of the Somme from that of the Seine, of the dep. in the Belgian prov. of Hainault, near the frontier of Ardennes; and after a generally S. W. course of about 190 m., through the deps.

		Area in eq. m.	Pop., 1846.	Chief towns.
Oldenburg Lubeck Birkenfeld	:	2,103 166 143	224,918 21,517 30,966	Oldenburg. Etten. Birkenfeld.
Total		2,412	277,401	1

Total - 2,412 277,401

The natural features, climate, &c., of this duchy are similar to those of the adjacent kingdom of Hanover. (See I. p. 960.) It is almost a perfect level, except towards the S., where are some hills, though none risss above 300 or 400 ft. The principal rivers are the Weser, on the N.E. boundary, its tributies, the Hunto, Hasse, Leda, Jahde, &c. There are many small lakes, the principal being the Drummersee, in the S. The coast is so low that dykes are necessary, as in Holland and Friesland, to prevent inundations of the sea. Here, and on the banks of the rivers, the soil is alluvial and rich; but in most parts of the grand duchy it is either marshy or sandy; and the country does not produce sufficient corn for home consumption, the deficiency being mostly made up by potatoes and pulse. The industry of the inhab. is, however, principally rural; flax, hemp, hope, and rape-beed; together with cattle, horses, salt beef, butter, and bacon, are the chief exports. The horses and cattle are of superior breeds; large flocks of sheep are pastared on the heath lands, but their wool is of inferior quality. In this district, also, a good many bees are kept. Next to tillage and grazing, taking fish, with which the rivers abound, is a chief employment of the pop. Timber, fit for ship-building and carpenter's work, grows in the hilly district in the S. of the duchy, where the forests are estimated to cover an extent of nearly 170 sq. m.; but in other parts the fuel used consists almost wholly of turf, which is very abundant in the marshes. Iron is the only other mineral product of much utility. The spinning of linen yarn, and the domestic weaving of linen and woollen stuff, are the chief branches of manufacturing industry; but these are pursued only as auxiliary occupations by the agricultural pop. Though the country produces oily seeds, animal fai, &c., in considerable quantities, neither candles, soap, nor oil are made to any extent, all being imported from foreign countries, to which the raw materials

The government is an unlimited monarchy, except in respect to the distribution of the taxes, which is under the control of the states, composed of deputies of the nobles, citizens, and pessantry. For administrative purposes, the Grand Duchy (exclusive of Luheck and Birkenfeld) is divided into 6 circles and 28 districts, each

Birkenfeld) is divided into 6 circles and 26 districts, each of which has its own judicial courts. The court of chancery, and other high courts of appeal, are in Oldenburger or Jever, except for the principality of Lubeck, which has its own superior courts in Euten. Total public revenue estimated at 850,000 rix dollars a year. The pop, is principally Lutheran, but there are about 68,600 R Catholics, and a few Calvinists and Jews.
Oldenburg holds the 10th place in the full diet of the Germ. Confed., in which it has 1 vote; and the 16th in the committee, in which it has a vote in conjunction with Anhalt and Schwartzburg. Its contingent to the army of the Confed. consists of 2,829 men. The House of Oldenburg is connected with the reigning families of Denmark and Russia. The duchy was erected into a sovereign state in 1773, but Birkenfeld was not united to it till 1813.

OLDENBURG.

UNO, a town of N.W. Germany, cap. of the Duchy, and residence of its sovereign, circle une, on the Hunte, a tributary of the Weser, N.W. Bremen. Lat. 389 8 'M' N.; long. Pop., in 1846, 7,839. It is fortified, and dithe Old and the New Town, the latter being I built. The ducal castle is an imposing buildifine park. The chancery-chamber, and other for the use of the government, St. Lambert's n which the sovereigns of Oldenburg are inneother places of worship, the observatory, barracks, are the principal public edifices, symnastum, a military school, and a ducal 24,000 vols. Its manufacturing industry is guiffeant; but it has some trade in wool, c. (Berghaus, Allg. Lönder and Volkerk., iv.; Dict. Géog.)

M, a parl. bor., market-town, and township

; Dict. Geog.)

AM, a parl. bor., market-town, and township nd, par. of Prestwich, hund. Salford, co. near the source of the irk, and not far from a with the Medlock, 63 m. N. B. Manchester, N. N. W. London. Area of parl. bor. (which with Oldham the townships of Chadderton. and Royton), 11,180 acres. Pop. in 1841, o. of Oldham township, 42,395. The town has sen since 1760, when it comprised only about ed tenements; it now consists of many well-tas, extending on the side of a hill on the road schester to Leeds; and is well paved, lighted and well supplied with water. The chief are runs from B. to W., and is crossed by two thers in an opposite direction. The principal c the town-hall, built in 18 0, a small theatre, ace Buildings, "comprising a public room, market, and a large gas establishment. The hich is subordinate to that of Prestrich, is a tothic structure, completed in 1830, at a cost of hich is subordinate to that of Prestrich, is a iothic structure, completed in 130, at a cost of there are also 2 chapels-of-ease within the livings of which are in the gift of the rector wich. There is a Roman Catholic chapel; ther places of worship belong to different tions of dissenters, among whom Methodists revailing body; and attached to the churches revailing body: and attached to the churches els are numerous Bunday-achools, which, in sished religious instruction to 12,827 children xes. The town has a small endowed grammarda large blue-cost school, founded, in 1807, by dr. Henshaw, hat-manufacturer. This school, owing to a long Chancery suit respecting the which amounted to 40,000..., was not opened till se school-house is at Oldham-edge, and the next supports, clothes, and educates 110 boys. likewise 2 large national schools, and several an as well as infant-schools, wholly, or in part, I by subscription. The other public institutions 3 benevolent societies, a bible and tract assonberription library, lyceum (with schools, newsc.), and 2 mechanics' institutes.

16,402. It is tolerably fertile, producing various kinds of corn, timber, red and white wines (a portion of which is converted into brandy), and considerable quantities of salt, from salt-pans along the coast. Château d'Oieron, the cap., on its S.E. side, is a fortified town, with a pop. of about 2,500.

the cap., on its S.E. side, is a fortised town, with a pop. of about 2,600.

OLIVA, a town of Spain, prov. Valencia, 29 m. S.S.E. Valencia and 218 m. S.E. Madrid, bullt amphitheatrevise on the side of a hill, 13 m. from the Mediterranean, in a well watered and productive district. Pop., acc. to Missano, 5,87. Its chief public buildings are 2 churches, one of which has a collegiste establishment, an hospital, ancient palace, and 2 prisons. Its manufactures are confined to hemp and linen fabrics. In the neighbouring river Molinet are found fine sels and leeches, the latter of which are exported in considerable quantities to France. (Missano.)

OLIVENZA, a town of Spain, prov. Estrematura, close to the frontiers of Portugal, and about 6 m. from the left bank of the Guadiana, 14 m. S. S.W. Badajos, and 211 m. W.S.W. Madrid. Pop., acc. to Minano, 10,447. It is surrounded with walls and strongly fortified; it has 7 par. churches, 7 convents (now applied to secular uses), 3 hospitals, and a poor-bouse. The surrounding country, though very imperfectly cultivated, produces abundant crops of wheat, barley, and other grain, with pulse, wine, &c.; and the town is much resorted to by traders from Alentejo, who come to exchange manufactured goods for farm produce. Olivenza was attached to Portugal till 180, when it was ceded to Spain, to which it is still attached, notwithstanding the order for its restitution by the Congress of 1815. (Missano.)

OLMÜTZ, a town of Moravia, of which it was foregre the can being one of the strongest fortreases of

OLMUTZ, a town of Moravia, of which it was formerly the cap. being one of the strongest fortresses of the Austrian dom, cap. circ. Olmütz, on the March, 40 m. N.E. Brünn. Pop., in 1845 (ex. garrison), 12,660. It is well built, but the loftiness of its buildings darkens the streets. The cathedral is a fine Gothic edifice, in which its founder, Wenceslaus III. of Bohemia, is buried: some of the other churches also deserve notice. The archbishop's palace, deanery, town-half, theatre, arenal, barracks, a military hospital, an hospital for lying-in women and orphans, and a large contentual establishment comprise the other chief public buildings. Olmütz is the seat of a university, founded in 1831, and restored in 1827. In 1832 it had, in all, 682 students. It still possesses a library of about 50,000 printed vols., and many hundred MSE; it had formerly a rich library of Slavonic literature, but this was carried away by the Swedes, and lost towards the end of last century. It has a gymnasium, an episcopal seminary, an academy of nobles, a military school, and numerous inferior schools, and is the residence of the high military authorities, and the seat of the superior OLMUTZ, a town of Moravia, of which it was for

of last century. It has a symmatism, an epiteopal seminary protection of the control of the cont

estimated at nearly 62,400 sq. m. Pop., in 1846, 263,100. The W. part of this gov. resembles Finland, in being alternately mountainous and marshy, or covered with lakes. Of the latter, Onega (which see) is by far the largest. Principal rivers, the Onega, by which the lake Latcha discharges itself into the White Sea, Vodla, Svir, Suna, &c. For 23 weeks in the year the mean temp. Is below 32° Fah., and mercury sometimes freezes. Bleak winds are almost constant; but the country is tolerably healthy. Soil thin, stony, and not very fertile. Except in the district of Kargopoi, into which some improvements have been introduced, agriculture is very back ward. The produce of corn, in 1832, was estimated at 269,000 chetwerts, a quantity insufficient for the wants of the pop. The peasantry are supported chiefly on turnips, carrots, and other vegetables, of which their bread partly consists, and on the produce of the chase, fisheries, &c. Hemp and fax are grown for exportation; but the principal source of wealth consists in the forests, which are of great extent, those belonging to the crown covering 8,986,795 deciatines. Pasturage is not abundant, and few cattle are reared. Marble, granite, serpentine, alabaster, &c., are found; and there are mines of iron, copper, and even silver, though they are but little wrought. The poverty of the country obliges many of the inhabs. to emigrate annually into the adjacent govs. to take charge of cattle, hew milistones, &c.; and in summer the number of absences is estimated at about a third part of the entire pop. These circumstances are hostile to manufacturing industry; and, exclusive of the royal cannon foundry at Petrosavodak, it has only a few tanneries and iron forges. It exports are produce to Petersburg and Archangel; from which cities, corn, salt, spirits, and

the entire pop. These circumstances are hostile to manufacturing industry; and, exclusive of the royal cannon foundry at Petrozavodsk, it has only a few tanneries and iron forges. It exports raw produce to Petersburg and Archangel: from which cities, corn, salt, spirits, and colonial and manufactured goods are imported. Olonets is under the same military jurisdiction as Archangel. Its inhabs, are principally of the Greek church, and subordinate to the archbp of Novgorod. Total public revenue estimated at only 288,110 rubles. (Schaitzler, La Russie; Possari; Russiand, &c.)

OLORON, or OLEBON (an. Ibsro), a town of France, dep. Basses-prytches, cap. arrond., on the summit and declivity of a hill beside the Oleron, across which trommunicates with the town of Ste. Marle by a lofty bridge, 13 m. S. W. Pau. Pop., in 1846, 5,456. It has a court of primary jurisdiction, a board of customs, and a chamber of manufactures; with manufactures of woollen cloths, yarn, hosiery, paper, and leather; and an active trade in French and Spanish wool, sheep-akins, Jambons de Bayonse, and other salted meats, cattle, and timber it is the general depth for the timber of the Pyrenees destined for the dockyard of Bayonne.

OLOT, a town of Spain, in Catalonia, near the small river Fluvia, 53 m. N.N.E. Barcelona; lat. 49° 13° N.; long. 2° 45° E. Pop. acc. to Misano, 13,455. It is tolerably well built on level ground, at the foot of a range of volcanic hills, and has several squares and streets adorned with fountains; its public buildings consist of two par. churches, cavalry barracks, and an hospital. It has considerable manufactures of cotton-cloths and woollen caps, with extensive tanneries and some-factories, and some paper-mills. Well attended markets are held twice a week; and Olot is one of the most thriving towns of Catalonia. Its neighbourhood is peculiarly interesting to geologists, on account of the extinct volcance with which it abounds, exattered over a tract measuring about 15 m. from N. to S., and about 6 m. from E. to W. Mr. subjacent rocks than to the extraordinary violence of the movements on that spot; for Catalonia is beyond the line of those European earthquakes which have within

movements on that spot; for Cataionia is beyond the line of those European earthquakes which have within the period of history destroyed towns throughout extensive areas." (Mikmos: J.yell's Geology, iv. 38.—49.)

OMER (ST.), a strongly fortified town of France, dép. Pas de Calais, cap. arrond, on the Aa, and at the union of several great roads, 40 m. N.W. Arras, and 29 m. E. by N. Boulogne. Lat. 50° 44′ 46″ N.; long. 2° 20° 18″ E. Fop., in 1846, 18,384. It is partly built on a hill, but principally in the low and marshy plain at its foot. The circ. of its ramparts is about 29 m.; beyond its moats and glacis are several strong and extensive outworks; and from the town being half surrounded by marshes, the greater part of its vicinity may be readily laid under water. Its streets are broad and regular, but being lined generally with mean-looking houses of yellow brick, it has a dull appearance. It is, however, well furnished with public fountains. The cathedral of Notre-Dame, an edifice completed towards the middle of the 16th century, is of Gothic architecture, and 278 ft. in length internally. In it

ONTARIO (LAKE).

are several colossal statues, a fine painting by Rembers, the tomb of St. Omer, a superior organ, &c. The abbey of St. Bertin, in which the last of the Merovingtan kings died, was destroyed during the phrenzy of the Rerolution, and only some ruins of its church exist. The college, formerly the Jesuit's church; the military hospital, occupying the building formerly a seminary for the English and Irish Rom. Catholic clergy; the townhall, arsenal, and powder magazines, several hospitals and prisons, the theatre, and some convents, are the other principal public buildings. The ramparts are planted with elms, and form fine promenades; as do the banks of the canal of Neuf Fossé, which connects St. Omer with Aire, and the Aa with the Lys. It is the seat of a sub-prefecture; and has courts of primary jurisdiction and commerce, a chamber of manufactures, a Omer with Aire, and the Aa with the Lys. It is the seat of a sub-prefecture; and has courts of primary jurisdiction and commerce, a chamber of manufactures acommunal college, and a public library of 16,000 vols. Its manufactures consists of common woollen cloths, woollen yarn, lace, basket-work, fishing-nots, soap, starch, glue, tobacco-pipes, &c.; it has also many distilleries, breweries, paper-mills, and tanneries, and an active trade in corn, wine, oils, flax, coal, &c. Beyond the walls are 2 suburbs, the inhabs. of which are principally gardeners. Near the town is a lake, on which are some curious floating islands, held together principally gardeners. Near the town is a lake, on which are some curious floating islands, held together principally by the trees which grow on them, and affording pasturage for sheep and cattle.

This town was originally called Sithin; it took its present name from St. Omer, who founded its cathedral about 645. It was walled at the end of the 9th century; and was long an object of contention between the Burgundians and French, to whom it finally fell in 1677. (Hugo, art. Pas de Calais; Dict. Gégs.)

ONATE, a town of Spain, in Biscay, prov. Guipuscoa, 28 m. E. St. Bilboa, and 194 m. N.N.E. Madrid. Pop., acc. to Mifiano, 12,000. It stands on the side of a hill in the valley of its own name, and is well built with regular streets, most of them terminating in a large square, which has a remarkably fine town-hall, a par, church, with a

the valley of its own name, and is well built with regular streets, most of them terminating in a large square, which has a remarkably fine town-hall, a par. church, with a tower 190 ft. high, and a large building with a Dorfe portico, formerly used as a convent of Jesuits: in the centre of the square is an elaborately ornamented fountain. There are two other par. churches, and several

centre of the square is an elaborately ornamented fountain. There are two other par, churches, and several deserted convents, a well supported hospital, and a college of handsome architecture, attended by between 189 and 200 students. Iron is extensively wrought in the neighbouring mountains, and within the town are iron-foundries, nall-factories, &c. The late civil war, however, which chiefly raged in the Basque prove, gave a great shock to its industry. from which it is only slowly recovering. The surrounding district is extremely productive, and has numerous mineral springs and quarries of Japper and Imestone. (See Biscav.)

ONEGA (LAKE), a considerable lake of Russia, being next to that of Ladoga, the largest in Europe, in the centre of the gov. of Olonets, between lat. 60° 50° and 63° 50° N., and long, 34° 30° and 36° 30° E. Length, N.W. of S. E., 130 m.; breadth varying from 30 to 45 m. Area variously estimated at from 3,300 to 4,300 sq. m. It receives numerous rivers, and at its S.W. extremity discharges itself into the Lake Ladoga by the Svir. Its shores, which are generally rocky, presents several deep bays and gulphs; and there are numerous islands near its N. extremity. Its navigation is impeded by sandbanks, but it is less subject to storms than Lake Ladoga. Principal towns on its banks, Petroszwodsk and Povienests. (Schwitzler, La Russie; Poszart; &c.)

banks, but it is less subject to storms than Lake Ladoga. Principal towns on its banks, Petrozavodsk and Povienets. (Schwitzler, La Russie; Possari; \$4.)

On TARIO (LAKE), the smallest and most easterly of the five great lakes of N. America, in the St. Laurence basin, partly belonging to Csnada, and partly to the State of New York (U. States); between lat. 45° 10° and 44° N., and the 76th and 80th degs. of W. long. It is of an elongated oval shape; length, W. to E., 172 m.; greatest breadth, about its centre, nearly 60 m. Area, estimated by Darby at 5,400 m. Its surface-level is about 334 ft. below that of Lake Erie, and 231 ft. above the tide-level in the St. Laurence. Its depth is said by Darby to average 490 ft.; but in some places it is upwards of 600 ft. in depth (Stevensos); and it is navigable throughout its whole extent for vessels of the largest size. The St. Laurence, (under the name of the Niagara river), onters it near its S. W., and leaves it at its N.E. extremity, where it is much encumbered with small hlands. Lake Ontario has many good harbours; and as it never freezes, except at the sides, where the water is shallow, its navigation is not interrupted like that of Lake Erie. It is, however, subject to violent storms and heavy swells. It banks are in general level, and mostly covered with wood, though now variegated with partial and increasing cultivation. Torono, Kingston, Newcastle, and Niagara, are the principal towns on the British side (see Tosonro, &c.); and Oswego, Genessee, and Sackett's Harbour, on the American side. This lake receives numerous rivers, including the Trent and Humber on its N., and the Black River and Genessee on its R. and S. shores. It communicates by the last-named river, and by the Oswego Camal, with

ONTENIENTE.

ie Canal, and consequently with the Hudson and rk; the Niagara River and the Welland Canal, at E. extremity, unites it with Lake Erie, and the Canal councets it with the St. Lawrence below cal. Numerous sailing vessels and steamers of size navigate this lake, which is the centre of an ive commerce; as to which see Gavago, Tononro, Darby's New York Gaz.; Sevenson's Civil Engigg of N. Asserica, 49, 80.)

IENIENTE (an. Fontesseine), a town of Spain, Valencia, on the Clariano (a trib. of the Jucar), there by a handsome stone bridge, 36 m. N. by W. te, and 47 m. 8. S. W. Valencia. Pop., acc. to, 12,000. It is tolerably well built, with a fine Isquare, and several wide though steep streets; its alpublic buildings being three par. churches, five d convents, an hospital and college now partly in it is a place of considerable industry, chiefly exince are several fulling, corn, oil, and paper-in the neighbourhood is an extensive Ascreta, or edtract, which is very productive. A great fair is rein November.

H, a town of N.W. Hindostan, prov. Mooltan, in of Bhavulpoor, in a fertile plain 4 m. E. the b (an. Accesses), where it is joined by the Garra, ed Stilje and Beas; lat. 399 117 N., jong. 709 50 pp. 90,000. P. "It is formed of three distinct towns, sundred yards apart from each other, and each has no compassed by a wall of brick, now in ruins. It is place: the streets are narrow, and covered with is a protection from the sun. It is highly celen the surrounding countries for the tombs of two of Bokhara and Bagdad. These are handsome

is place: the streets are narrow, and covered with is a protection from the sun. It is highly cele in the surrounding countries for the tombs of two of Bokhara and Bagdad. These are handsome, about 500 years old; but an inundation of the cs, some years back, swept away, one half of the cs, some years back, swept away, one half of the cs, some years back, swept away, one half of the cs, some years back, swept away, one half of the cs, some years back, swept away, one half of the cs, some years back, swept away, one half of the cs, some years back, swept away, one half of the cs, some years back, swept away, one half of the cs, some parently composed of the debris fer houses, it being a place of high antiquity. IEIN (Hindoo Uffagrissi or Assent, the Oznac of 19 and the Periplus), a city of Central India, prov. h, and the former cap. of Scindia's dom, on the a tributary of the Chumbul, 34 m. N. by W. and 1,639 ft. above the sea; lat. 327 li? N., long. E. It is of an oblong form, about 6 m. in circuit, riffed with a stone wall and towers. Within this some waste ground, but the greater part of the is thickly covered with buildings and very poputine some waste ground, sirp, saved, and clean; the of brick or wood, and tiled or terraced. Four the streets are broad, sirp, paved, and clean; the of brick or wood, and tiled or terraced. Four successions are the principal public edifices. In a temple to co is an extraordinary sculptured image of the indi. The pop. of Oojen includes a great many imedans, who are actively engaged in trade. The are principally fine white cloths, turbans, and lods; European and Chinese produce from Surat; idia, &c. from Sinde; cotton, coarse cloths, optum ire drugs, are exported, and diamonds in transit undlecend to Surat.

ent Oojen, which stood about 1 m. northward.

en urugs, are exported, and diamonds in transit undiceund to Surat.

ent Oojein, which stood about 1 m. northward, stroyed at an uncertain period by some physical ophe. On digging to a depth of 16 or 18 ft., brick stone pillars, and other antiquities have been red, frequently in good preservation. Adjoins subterraneous ruins, is what has been called two of Bhirtery, a palace now in great part burn an accumulation of the surrounding earth, but ch many portions remain entire, including a long supported by pillars curiously embellished with in relief. Bisewhere around Oojein, there are temples, &c. worthy of notice; and about 4 m. n elegant summer palace, cooled by artificial cassuilt in the 16th century, and but little injured: (Forbez, Husster, &c., is Mod. Traw., x. 220—5. I. Gaz.)

TERHOUT. a town of United.

5. I. Gest.)
TERHOUT, a town of Holland, prov. N. Brarrond. Breda, cap.canton, 5 m. N.E. Breda. Pop.
200. It has numerous potteries and brick-kiins,
the seat of three large annual fairs, at each of
the sale of woollen and linen fabrics, shoes, &c.,
sated to amount to 40,000 florins.

iated to amount to 40,000 florins.

RTO, or PORTO, an important commercial city—port of Portugal, on the N. bank of the Douro, im. from its mouth, 17s m. N. by E. Lisbon, 87 54" N., long, 80 37 9" W. Pop, in 1827, in-Villanova and Gaya, on the opposite side the 0,000. The town has 4 suburbs, which, with the elf, cover an area of about 2 sq. m. It is built neartre wise, partly on the sides and tops of 2 ut partly also on a plain near the river, from thas a strikingly beautiful appearance. A wall, at intervals, with towers, encircles the town, which er protected by a fort; but these fortifications

have not been kept in good repair, owing to the city being naturally secure against an attack by sea, and one on the land side not being apprehended. An elevated quay extends the whole length of the town: it has on one side a row of houses, and on the other a strong stone wall, with rings booms, &c. for securing vessels during the heavy swells of the river. It is generally well built, the houses are all white-washed, and though it has many narrow and dirty streets, it is said to be (which, however, is no great recommendation) the cleanest and most agreeable town in Portugal. From the quay rises a broad well-paved street, fagged on both sides, and leading to two cross streets of equally fine proportions; but and dry streeds, it is said to be cleanest and most agreeable town in Portugal. From the quay rises a proad well-paved street, flagged on both sides, and leading to two cross streets of equally fine proportions; but the streets on the alope of the hill are mostly irregular, contracted, steep, and dirty. At the E. end of the city the houses, which overhang the side of the river, are built on so steep an acclivity as to be accessible only by steep cut out of the rock. On the aummit of the hills are several fine broad streets, lined with good houses, with gardens attached, occupied by some of the principal merchants. Oporto has several squares, the largest of which are the Praga da Constitution and the Campo da Cordaria, lined with three rows of trees, and much frequented as a public promenade. There are 9 parish churches, and a great many other churches and chapels. The cathedral, built in 1108, is a large and fine, though rather heavy edifice: the church, dos Chrigos, has the highest steeple in Portugal, except that of Maira: the rest exhibit no features worth notice. There are also 17 convents, now luckly unoccupied, or applied to secular uses. The other public edifices comprise a modern-built episcopal palace, a town-hall (seasade da Comarca), court-house, with attached prisons, royal hospital, casspia, or pawnbroking establishment, and a very pretty theatre, with extensive warehouses belonging both to the Oporto company and the British merchants. The English factory is a bandsome building, in one of the principal streets, comprising reading-rooms, ball-rooms, &c., and a revidence for the British consul. Oporto has several establishments for public instruction, the principal of which are the Academy of navigation and commerce, the school of medicine and surgery attached to the hospital & la Misericordia, the episcopal seminary, school for foundlings, and 4 colleges, with numerous schools for primary and higher instruction, the principal of which are the Academy of navigation and commerce, the school of medicin

ations, should never be attempted by any vessel without a pilot.

The swellings or freshes, now alluded to, most commonly occur in spring, and are caused by heavy rains, and the meliting of the snow on the mountains. The rise at such times often amounts to 40 ft.; and the rapidity and strength of the current are so great that no dependence can be placed on anchors in the stream. Fortunately, a fresh never occurs without timely warning, and it is them the practice to moor with a cable made fast to stone-pillars erected on the quay for that purpose. On the opposite side of the river, but connected by a bridge of boats, are the towns of Gaya and Villanova, which may be considered as suburbs of Oporto. The former of these is said to occupy the site of the ancient Cals: more eastward is Villanova, inhabites chiefly by coopers, porters, and other labourer, employed by the merchant; and between these towns are immense vaults or warehouses for storing wine previously to its shipment.

Commerce. — Owing to her situation on the Douro.

wine previously to its shipment.

Commerce.— Owing to her situation on the Douro, which is navigable partly by barges and partly by boats about 100 m. inland, Oporto is the emporium of a large portion of Portugal, and enjoya a pretty extensive commerce. The famous and well-known red wine called Port is produced on the banks of the Douro, about 50 m. above Oporto, and has derived its name from its being exclusively shipped at this city. The exports of port, which is the great article of trade, have varied during the last 10 years from about 16,500 to above 40,000 pipes. England is by far the largest consumer of port. The high discriminating duties on French wine, imposed in the bright of William III., originally introduced port into the British markets, and gave it a preference, to which though an excellent wine, it had no natural claim: this preference first generated and its long continuance has G g 2

ance so confirmed, the taste for port among the great bulk of the population, that it bids fair to maintain its ascendancy as an after-dinner wine, notwithstanding the late equalisation of the duties. In 1849, for example, 2,648,243 galls. port were entered for consumption in the United Kingdom; whereas the entire entries of French wines during the same year, including champagne, claret, santerne, &c., amounted to only 231,690 galls. I At an average of the three years ending with 1849, the shipments of port wine from Oporto for England were 23,290 pipes a year. Next to England, Brasil, the U. States of America, and Hamburg, are the principal importers of port. The other articles of export from Oporto are oli, oranges, and other fruits; wool, refined sugar, cream of tartar, shumac, leather, cork, &c. The imports are sugar, coffee and other colonial products, principally from Brasil; corn, rice, beef, salt fish, and other articles of provision; cotton and woollen goods, hardware, tin plates, &c. from England; hemp, flax, and deals from the Baltie, &c. Subjoined is

Statement of the Shipments of Port from Oporto during each of the Three Years ending with 1849, specifying the Quantity shipped for each Country.

	1847.	1848.	1849.	Annual Average of the 3 Years.
Great Britain	Pipes. 21,354 1,429 3,500	Pipes. 21,991 1,868 6,861	Pipes. 24,525 8,671 5,583	Pipes. 22,290 2,322 5,314
United States and other parts	2,341	6,134	7,809	5,428
Total -	30,624	36,854	41,588	86,854

The climate of Oporto is damp and foggy in winter, less from the vicinity of the Atlantic than from its position in the midst of woods and mountains. The cold is severe for the latitude, though it seldom freezes; and in summer, on the other hand, the heat would be intense, if not moderated by winds blowing regularly from the E. in the morning, S. at noon, and W. st night. The soil in the vicinity is not fertile, nor is Oporto supplied with provisions from its own immediate neighbourhood; but there are many beautiful and pleasant gardens, producing, according to their exposure or elevation, the fruits of N. or S. Europe. The neighbouring mountains exhibit many traces of metallic ores; and along the S. bank of the river are veins of copper and beds of coal. (Dairympic's Travets in Portugal, 136—138.)

Oporto was occasionally the residence of the ancient earls of Portugal, till Alphonso I., in 1174, wrested Lisbon from the Almoraves, and made it the permanent cap, of his kingdom. The city received many important privileges from John II. at the close of the 18th century; but most of them were withdrawn, in consequence of an insurrection of its inhabitants in 1787. In 1806 it was taken and sacked by the French, who retained it till 1809, when the British crossed the Douro, and compelled them to retreat. It afterwards became, in 1831-32, the scene of no obstinate and long-protracted conflict between the late Don Pedro and his brother Miguel. The slege of Oporto lasted upwards of a year, during which a considerable portion of the town was battered down by Don Pedro's artillery, a great deal of property was wantonly destroyed by Miguel's troops, many of the wine-stores were blown up, and several of the wealthiest merchants were ruined by the annihilation of all trade. (Dairympic's Paris, and city. Oppelie, a town of Prussian Silesia, eap. reg. and city. Oppelie, on the Oder, 51 m. S.E.

were ruined by the annihilation of all trade. (Datympter's Portugal; Balbi, Essai Stat. de Portugal; Dict. Géog.; Mod. Trev.)

OPPELN (Slav. Oppolie), a town of Pruscian Silecia, cap. reg. and circ. Oppeln, on the Oder, 51 m. S.E. Breslau. Pop., in 1846, 7,600. It is walled, and has, in general, 16rty and massive houses, with an old Gothic cathedral, several other R. Catholic and Protestant churches, various schools, a royal salt magazine, and several good hotels. It is the seat of government for the regency, of a board of taxastion, a municipal tribunal, &c.; and has a gymnasium and a society for the promotion of the public good. (Vos Zeditiz; Berghauss.)

OPPIDO, a town of the Neapolitan dom... prov. Calabria Ultra, cap. cant., on a hill close to Mount Aspromonte, and 14 m. N.E. Reggio. Pop. about 8,000. The old town of Oppido, supposed by Cluverius to occupy the site of the ancient Mamertium, was utterly ruined by the great earthquake of 1783. The modern town, which is also a bishop's see, was built in the vicinity of the former.

Oppido is the name of another Neapolitan town, prov. Bestlicata, 13 m. N.E. Potenza. Pop. 5,000. (Crasce's Tour, &c. pp. 275-76.)

ORAN, a fortified sea-port town of Algiers, at the bottom of the guiph of the same name, on both sides a small river, 220 m. W. by S. Algiers, lat. 35° 44′ 20′′ N.,

long. 0° 42' 13" W. Pop. inc. garrison, 7,000? It is built on the declivity and near the foot of a high hill which overlooks it from the N. and N.W. On this hill built on the declivity and near the foot of a high hill which overlooks it from the N. and N. W. On this hill are castles which command the town on the one hand, and the Mers-el-Keber, or Great Port, on the other. The spring which supplies the rivulet rises a short distance from the city. The latter, which flows in a deep winding ravine crossed by two bridges, is sufficiently powerful to turn several mills, and no doubt occasioned the city being built here rather than at its port. Oras was long in the possession of the Spanlards, who held it from 1516 to 1708, and again from 1723 to 1721. During the period of their occupation they expended vast sums on the fortifications, and adorned it with several fine churches and other buildings. It was, however, a very costly appendage; for, as the dominion of the Spanlards did not extend beyond the walls of the town, everything required for the subsistence of the garrison, consisting generally of from 5,000 to 7,000 men, had to be brought from Span. In 1790 it suffered very severely from an earthquake; and the Moors, taking advantage of this catastrophe, besieged the town, which was evacuated by the Spanlards in the course of the following year. At the period of its occupation by the French it was in a state of extreme decay; but it has since been greatly improved. The fortifications have been repaired and strengthened; several new streets have been opened; and the back has assumed a cherrill. Ruppes meanest.

improved. The fortifications have been repaired and strengthened; several new streets have been opened; and the place has assumed a cheerful, European aspect. It is one of the healthlest situations in the regency. The port of Oran, at Mers-el-Kebeer, about 5 m. R. from the town, is one of the best on this part of the coast. It is formed by a neck of land which advances about a furlong into the bay, and secures it from the N. and N.E. winds. It has deep water, the holding ground is good, and it is capable of accommodating a large faset. The French have constructed, with great labour, a new military road from Oran to the port; and they have, also, improved and strengthened the castle built for its protection. (Shaw's Tracels, 4to. ed. p. 12.; Tables des Etablissements François dams l'Algerie, p. 56. &c.)

&c.)

ORANGE (an. Arassio), a town of France, dep. Vasciuse, cap. arroad. on the Meyne, a tributary of the Rhone, in a fine plain about 5 m. E. the latter river, and 12 m. N. Avignon. Pop. in 1846, 5,786. It has several par. churches, a Protestant church, a communal college, hospital, &c., and many good private houses and public fountains; but the widest thoroughfare being only 12 or 13 ft. across, scarcely any vehicles enter its streets; and the road from Lyons to Avignon, instead of passing through, goes round the town. It has manufactures of handkerchiefs, coloured linens called toiles d'Orange, serres and silk twist.

through, goes assessed the control of the control o

central and largest of which is 22 ft. in height. The archways are flanked by fluted Corinthian columns, and the whole structure is completely covered with groups of figures and other sculptured ornaments. This monument was a good deal injured in the middle ages, from having been converted into a fortress; but it is, not-withstanding, in a state of tolerable preservation; and of late years it has been repaired, and surrounded by a pallsade. Extensive remains of a theatre, and the traces of several other Roman buildings, also exist here. Orange was long the cap. of a small principality of the same name that gave the title of Orange to the family which now occupies the thrones of Holland and Nassau. The king of Holland, however, retains merely the title of Prince of Orange; the town and principality having been ceded to Louis XIV. at the peace of Utrecht. The principality, 12 m. in length by 9 m. is breadth, is very productive of wine, oil, saffron, madder, fruits and aromatic plants; its inhaba are distinguished by their industrious habits. (Hugo; Guide du Voyageur; Prossard, Tableau de Nismes, jc.; driede du Voyageur; Prossard, Tableau de Nismes, jc.; driede du Voyageur;

Prosered, Tableau de Nismes, Acc.; Aricand, Arc. G'Orange; Woods, &c., OREBRO, or CEREBRO, a town of Sweden, in the centre of the country, cap. lin Orebro, at the W. extremity of the lake Hielmar, 100 m. W. Stockholm, lat. 599 17 187, long 180 18 200 K. Popp., in 1826, 4135. "The houses are built chiefly of wood, not merely of logs clumaily put together, as is the case in Russia, but of logs covered with boards neatly finished, the workmanship of which would not diagrace the tools of any of our English carpenters. Their exterior planking is im-

OREGON TERRITORY, a very extensive act of country stretching N. N. W. and S. S. E ong the W. coast of N. America, partly benging to Great Britain, and partly and princi-ily to the U. States. It includes the territory stween the Rocky Mountains on the E. and the acisic Ocean on the W., or between the 112th id the 132nd deg. of W. long., and between the rder of California, in the 42nd deg. of N. lat. 1 the S., and Russian America, in about the the deg. N. lat. on the N., comprising an ea of above 500,000 sq. m. Attached to it e several large islands, of which Vancouver's d Queen Charlotte's are the principal; the mer, about 260 m. in length, embraces an ea of about 14,000 sq. m. This immense ritory has a great variety of soil and climate; t, except in some favoured districts along coast, and on the banks of the Columbia d other rivers, it is better fitted for hunting d grazing than for husbandry. It is trarsed nearly through its whole length by two untain chains, some points in which attain to reat altitude, the Cascade, and Blue Mounns, parallel to each other and to the Rocky puntains. It is consequently divided into ee regions, viz. 1st, the coast region, between sea and the Cascade Mountains; 2nd, the idle region between the latter and the Blue nuntains; and 3d, the eastern region, exding from the Blue to the Rocky Mountains. these regions, the first, or that next the Pac, including Vancouver's island, is the lowest, st fertile, and has the best climate. of this region varies from a deep black vegele loam to a light brown loamy earth. The s are generally basalt, stone, and slate. The face is generally undulating, well watered, I wooded, and well adapted for agriculture pasturage. The timber consists of pine, fir, ce, oaks (white and red), ash, arbutus, cedar, >r-vites, poplar, maple, willow, cherry, tew, All kinds of grain, including wheat, rye,

ey, oats, and pease, may be raised in abund-P. Various fruits, such as pears, apples, &c., :eed admirably; and the different vegetables ingland yield most abundant crops." (Dunn's zon, p. 213.) The climate of that portion of region S. of the 50th deg. of lat. is mild and able, having a considerable similarity to that ingland.

The winters are more characterised by rain From the middle of October to by cold. middle of March the rains are almost inint, and are accompanied with tremendous der and lightning. The winds which pre-at this season are from the S. and S. E., and usually bring rain, while those from the and N. W. bring fair weather and a clear From the middle of March to the middle

ctober the weather is serene and delightonly a few showers of rain fall; but in norning the dews and fogs are frequently y." (Penny Cyclopædia, art. N. W. Terri-The middle and eastern regions, being elevated, have a severer climate.

ariably painted a deep red colour, with white doors and rindow frames. The roofs are generally covered with arf; but there are several well-built brick houses succed white." (Barrove's Encurs: in the No Englebardt. From its central with nonour of Englebardt. From its central wition, Orebro becomes sometimes the seat of the wedish diet. The inbabs. manufacture woollen cloths, ockings, &c., and carry on an active trade with Stochmin, by the lake Hjelmar, the canal of Arboga, and the Melar. The town also is an entrept for the iron the interior. (Steim's Hand-book; Barrow, &c.)

OREGON TIMEN PLAYON. ver's island, and the Umqua and Klamet rivers to the S. of the Columbia. The latter, which has its embouchure in 46° 18' N. lat., is navigable for vessels drawing 10 ft. water from its mouth 180 m. inland, when its navigation is in-terrupted by rapids. The rivers are well stocked with salmon and other fish; the bays are said to swarm with seals; and the country affords every facility for carrying on extensive fisheries. Mr. Dunn mentions that the pine tree sometimes atsize of 250 ft. in height and 50 ft. in girth. He adds, the seed vessels are more than a foot in length, and the seeds are as large as castor beans. Cedar trees are found 26 ft. in girth, and high in proportion (p. 198.)

The buffalo was formerly found in large berds

along the W. side of the Rocky Mountains, as far W. as Fort Hall; and sometimes descending the valley of the Columbia as far as the Falls. But within the last 20 or 30 years there has been a great and in some respects wanton destruction of this noble animal; and it is now seldom met with W. of the Rocky Mountains. The breed is, in fact, rapidly diminishing in all parts of N. America. And it is a curious coincidence that America. the main dependence of the Indians should begin to fail at the very time that the progress of civilisation is so rapidly hastening their annihila-tion. Among the other wild animals are the beaver, the sea and river otter, the musk-rat, fox, wolf, bear, &c.

The country has considerable commercial capabilities, from the number of its ports and inlets, its facilities for ship-building, and its convenient situation for the prosecution of the fisheries in the Pacific Ocean, and for carrying on a trade with China, which has the best markets for furs;

of these large quantities are at present exported.

The earliest settlers belonged to the Hudson's Bay Company, the country being well supplied with fur-bearing animals; but now there is, in addition to the hunters, a very considerable and increasing agricultural population. The settlements are mostly in the district traversed by the Columbia in the lower part of its course. there are no very recent accounts, on which it would be safe to rely, of the population.

Down to 1847 this country was in the joint occupation of the British and Americans; and their conflicting claims threatened at one time to interrupt the amicable relations between the two nations. In 1788, a factory was established by the British in Nootka Sound; but the Spaniards, who claimed the whole coast of America, up to King William's Sound, regarded this proceeding as an invasion of their rights, and sent out an armament to dispossess the British settlers. This outrage having been strongly resented by the British government and nation, Spain agreed to indemnify the parties injured, and a convention was signed, in 1790, at the Escurial between her and Great Britain, by which it was stipulated that the subjects of either power should "not be disturbed or molested, either in navigating or carrying on their fisheries in the Pacific Ocean or in the South elevated, have a severer climate. Even Seas, or in landing on the coasts of those seas, however, the fall of snow is not so great in places not already occupied, for the purpose of carrying on their commerce with the natives of the country, or of making settlements there." And it was farther stipulated (A+t. 5), and this trade, it may be fairly presumed, will continue that "wherever the subjects of either of the two to increase with the increasing pop. and wealth of California. powers shall have made settlements since the month of April, 1789, or shall hereafter make any, the subjects of the other shall have free access and shall carry on their trade without any disturbance or molestation."

In 1818, the Americans concluded a treaty with Spain, in which the latter ceded all her claims and pretensions to the territory on the W. coast of America N. of the 42d deg. of lat. Hence, whatever rights the Convention of the Escurial might give to Spain, it gave the same and no more to the U. States.

In 1818 it was stipulated in a convention be-tween Great Britain and the U. States, "That any such country as may be claimed by either party on the N.W. coast of America, W. of the Rocky Mountains, shall, together with its harbours, bays, and creeks, and the navigation of all rivers within the same, be free and open for the term of ten years, from the date of this treaty, to the vessels, citizens, and subjects of the two powers: it being well understood that this agreement is not to be construed to the prejudice of any claim which either of the two high contracting parties may have to any part of the last-mentioned country, nor shall it be taken to affect the claims of any other power or state to any part of the said country." In 1827 this con-vention was indefinitely extended, with the proviso that it might be terminated by either party giving twelve months' notice to the other.

In the negotiations that were subsequently entered into, both parties agreed that the parallel of the 49th deg. N. lat. should be the boundary of their respective possessions from the Lake of the Woods W. to the point where the Columbia river is joined by the Flat Head or Clarke's river: but here they differed; the British contending that the Columbia should be the boundary from the point now referred to till its embouchure in the Pacific, and the Americans that the 49th parallel of lat. should be followed throughout, or to the W. coast of Vaucouver's Island, which it bisects. Happily the differences were compromised and settled by treaty in 1847; the 49th parallel being made the boundary till it reaches the sea at the Strait of Fuca, leaving the whole of Vancouver's Island to the English, the right to the free navigation of the Columbia and Fraser rivers being, also, secured to them. The Americans are now, therefore, the undis-puted possessors of the S., most extensive, and far most valuable portion of the territory, or that lying between California on the S. and the 49th parallel of lat. on the N., inc., of course, the comparatively fertile tracts on both sides of the Lower Columbia

Lower Columbia.

The extent of the American portion of Oregon has been estimated at about 340,000 sq. m. It has been formed into a territory, Oregon city, on the Willamette, being the seat of government. The governor has a salary of 3,000 dolls. a year, and the judges 3,000 dolls. sech. The greater attractions presented by California will most likely hinder Oregon, for some considerable time to come, from obtaining her fair share of the emigrants to the W. casst of the continent. coast of the continent.

coast of the continent.

The rapid growth of California is, however, in some respects, very favourable to Oregon. The vast influx of immigrants into the former, and the all but universal application of their energies to mining operations, have occasioned an extraordinary demand for corn and all sorts of provisions. Oregon has largely participated in the benefits arising from this demand; which has supplied her with a ready and advantageous outlet for the various products of her soll, fisheries, and forests. Both being integral portions of the American Confederation, articles from Oregon are admitted into California free of duty, which is not the case with those from other

fornia.

The difficulty of reaching Oregon has bitherto been a great drawback to its advancement; but this difficulty will every day diminish. The construction of a canal, or railway, or both, across the isthmus of Panama will greatly facilitate the intercourse between the States on the Atlantic and those on the Pacific. Neither can there be a doubt that a communication between the two shores be a doubt that a communication between the two abores of the Union may be effected by roads carried through the passes of the Rocky Mountains. These have already been repeatedly traversed by parties of emigrants; and now that the vast importance of the W. States is beginning fully to manifest itself, we may be pretty well assured that everyting will be done that enterprise and perseverance can accomplish, to facilitate the intercourse between them; and that in no very lengthened period railways will stretch across the continent from the Atlantic to the Pacific — from N. York and Philadelphia to Columbia river and San Francisco.

The part of Oregon belonging to Great Britain is inc.

railways will stretch across the continent from the Atlantic to the Pacific—from N. York and Philadelphia to Columbia river and San Francisco.

The part of Oregon belonging to Great Britain is inc. in the vast territories belonging to the Hudson's Bay Company. But with the exception of Vancouver's Island (for which, see Supplement), it is of little value, except as hunting ground. (For farther information with respect to the Oregon territory, and the disputes to which it gave rise, the reader may consult The History, &c. of the Oregon Territory, by John Dassa, 8vo. 3d ed. 1846; The Newrative of an Exploring Expedition to Oregon and California, by J. C. Fremont, 8vo. Lond. 1846; The Overon Question examined, by Travers Twiss, D. C. L., 8vo. 1846, an elaborate, learned, and excellent treatise; Falconer's Tract on ditto, &c.)

OREL, a central prov. of European Russia, to the S. of Kalouga and Tula. Area, 16,780 sq. m. Pop., 1,302,900. Surface undulating; soil, extremely rich and fertile. Principal rivers, Desma, an affluent of the Doicy and third part of the surface. Agriculture is the principal dependence of the inhabs.; and owing to the excellence of the soil, the return, notwithstanding the bad husbandry, is frequently 7, and sometimes 10 times the seed. Horticulture is better understood than in most parts of the empire. Most landowners have their kitchengardens and their orchards, in which they raise almost all the culinary vegetables common in Russia, with apples, therries, pears, plums, &c. The chase, though a secondary occupation, is very generally followed, esvecially that of the fox and hare. Birds, especially qualis, are very abundant. The breed of domestic quadrupeds is better and more attended to than in the more northerly provinces; the horses, which are very superior, are suitable either for draught or the saddle. The oxen are of large size; and sheep and hogs are both numerous. The inhabs. keep large quantities of beas, honey being generally used as a substitute for sugar. Manufactures, if we except The inhabs. Keep large quantities of bees, honey being generally used as a substitute for sugar. Manufactures, if we except distilleries, which are numerous and extensive, have made little progress, the country people supplying themselves directly with almost everything of which they make any use. There are, however, some establishments where coarse linen and woolien goods, earthenware, cordage, soap, &c., are produced; and there are some iron works. Agricultural produce, with timber, mats, iron, &c., constitute the principal articles of export. Articles of foreign produce and manufacture are brought from Moscow. Instruction very defective; there being in the entire government, in 1832, only 39 schools, and 4,566 scholars. The public revenue amounts to about 10,500,000 roubles, of which the spirk and beer duties yield 6,336,663 roubles! The inhabs. consist of Great Russians, Little Russians, and Cossacks, the great majority being of the Greek church. They are said to be for the most part industrious, frugal, and in easy circumstances; but they are at the same time ignorant, prejudiced, attached to old habits, and swrese to changes and mnovations. (Schafther, La Russie, 2c., 346, &c.)

ORE, a city of European Russia, cap. of the above gov., on the Oka, where it receives the Orlyk; lat. 32° 57' 58" N., long. 33° 57' 15" E. Pop., according to the official accounts, in 1846, 33,000; having been only 30,000 in 1830. This rapid increase is owing to its favourable situation for commerce, in the centre of a rich country, on a navigable river, communicating, partly by the aid of canals, with the Baltic on the one hand, and the Biack Sea and the Caspian on the other. Orel may be reckoned the entrept of the commerce between Russia, Little Russia, and the Crimes: and at the same time the depot for corn, both of its own and the adjacent fertile governments. The principal articles of commerce are corn, hemp, tallow, butter, bristles, leather, wax, honey, cloth, horned cattle, &c., which its merchanta chiefly buy in the south

ics of most of these articles are shipped upon the Oka, artly to be landed at Serpuchof for the consumption of foscow, and partly to be forwarded to Petersburg. It as an ecclesiastical seminary, attended by a great numer of pupils; a gymnasium, &c. It has also establishments for the spinning of cotton, manufactures of cloth nd coarse lisen, with tanneries, distilleries, tallow-

er of pupin; a gymnastum, act. It has also extensionssents for the spinning of cotton, manufactures of cloth
nd coarse lisen, with tanneries, distilleries, tallowselting houses, rope-works, &c.; and is the seat of
ome important fairs. It is built of wood, and pallduced; and the inhabs. are distinguished for their inustry and wealth. (Schwicker, La Russie, &c., p. 251.;
yall: Trowisi, i. 59, &c.)

ORENBOURG, a very extensive government of the
tussian empire, mostly in Europe, but partly in Asia,
ing between the governments of Astrakkan on the W.,
od that of Tobolsk on the E., and having Perris on the
Area estimated at about 128,000 sq. m. Pop. 1,771,000.
Kappens.) It is divided into two unequal portions by
the Oural Mountains; and the river Oural has its source
of termination in this government. It is also traversed
termination in this government. It is also traversed
termination in this government. It is also traversed
the Biela and other affluents of the Wolga, and is
ounded on the E. by the Emsa. Soil very various; in
urt mountainous, in part arid saline steppes, but the
teger portion is decidedly fertile. Forests very extenve. Climate in extremes; being exceedingly hot in
mmer, and proportionally cold in winter, particularly
the E. of the Oural Mountains Notwithstanding the
tekwardness of agriculture, the produce of corn is
timated at about 4,000,000 chetwerts. The principal
calit of the inhabe. consists in their horses, cattle, and
eep; of all which, but especially the first two, they
ver vast numbers. They have also camels, hogs, &c.
he river Oural tesms with fish, which are taken in
eat numbers, and are said to furnish the best cavlar,
ines important and valuable, yielding some gold, with
req quantities of iron and copper, in the working of
hich many individuals are employed. A manufactory
arms was established in the district of Troitak, in this
vernment, by workmen from Rhenish Prussia. The
lt. misser proportion of lettle form the sait-lakes. A
nisderable commerce is carried on with the Kirghis

lt.mines of lietsk furnish annually about 500,000 poods, d a large supply is obtained from the salt-lakes. A nesiderable commerce is carried on with the Kirghises d other people to the S. of Orenbourg, which princilly centres in the town of that name. In 1833 there rived at the latter 14 caravans, with 2,347 camels; and ring the same year there were despatched 13 caravans, th 4,769 camels and 364 draught-horses. The value of imports was 3,551,198 roubles, and of the exports 77,921 do. (Schwitzler, La Russie, &c., p. 701.) Orenwoods, the principal city of the above government, and the residence of the military governor, on the bank of the river Oural, lat. 510 46 N., long. 550 4 557 Pop. 18,000 or 20,000. It is well built, and reguly fortised. Principal edifices, cathedral and customase. In 1836 a school was established here for the cial use of the Mohammedans, and the study of their guage.

guage. The seat of the commerce alluded to in the ceding article is on the southern side of the river, in a

rial use of the sonammedans, and the study of their guage. The seat of the commerce alluded to in the ceding article is on the southern side of the river, in a t baraar erected exclusively for that purpose, and proted by a camp of Cossacks.

RFORD (formerly Ore-ford), a decayed bor., martown, and par. of England, hund. Plomersgate, co. folk, at the confluence of the Aide with the Ore; 16 E. by N. Ipswich, and 80 m. N.E. London. Area of . 2.740 acres. Pop., in 1831, 1302. It was formerly much greater importance than at present, having, 259, sent 3 ships and 62 men to Edward III. at the co of Calais. Its decay is attributed to the loss of its t, the sea having recorded from this part of the coast. now, having lost its privilege of sending mems. to the of C., sunk, into insignificance; though its large and old castle, attest its former consequence. Its prelinhais, are chiefly supported by the oyster-fasheries he neighbouring rivers. Orford claims to be a borrecorription, but has received several royal charters, corporate officers are a mayor, 8 portmen, and 12 tall burgesses; but it was considered too unimant to be included in the previsions of the Mun. Reach Act. It sent 2 mems. to the H. of C. from the nof Richard III. down to the Reform Act, by which as disfranchised. Sudborne Hall, a seat of the quis of Hertford, is about 1 m. N.E. from the town. Let on Memoday; fair, June 24.

RIA. (an. Hyris), a town of the Nespolitan dom., Otranto, cap. canton, 31 m. E. by N. Taranto. 5,000, principally of Greek origin. It is "a city antically situated upon three hills, in the centre of plains. The castle and cathedral stand boldly on highest points." (Swindowne.) Oria is a bishopric, is very amelent. (Cramer's doc. Hals), it. 310, &e.)

The official returns quoted by Schnitzier make the pop. only; but this is no doubt an error, and most probably refirs either zases or families. According to the same returns, the births in were 600, and the deaths 639, showing that the pop. camest manerically from what is stated above.

ORINOCO.

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ORIHUELA, an episcopal city of Spain, prov. Valencia, on both sides the Segura, crossed here by two bridges, 14 m. E.N.E. Murcia, and 98 m. S. S.W. Valencia, 14 m. E.N.E. Murcia, and 98 m. S. S.W. Valencia, Pop., according to Miñano, 25,561. It is situated at the foot of a ridge of bare rocks, near the head of a very fruilful wege or vale, forming a continuation of the Aserts of Murcia. The streets are broad, but not paved; and there is not a single fountain in the town. Its principal buildings are, a cathedral (with an attached chapter of 5 dignitaries and 17 canons), 5 par. churches, 2 of which are in the suburbs, and 5 depondant churches (ancios), 2 hospitals, a foundling asylum, public granary, and cavalry barracks. The inhab, are remarkable for their superstition, demoralisation, idieness, and poverty. The greater part are engaged in agriculture; and the town is a considerable mart for corn and oil. It produces linens and hats, and has numerous tanneries, corn and oil mills, soap-houses, and starch manufactories. A large fair is held in October. The neighbouring huerta, about 17 m. in length by 5 m. in breadth, can scarcely be exceeded in beauty and fertility. "Even the vale of Murcia yields in this respect to that of Orihuela, because the latter is so abundantly supplied with water as to be independent of rain. The cypress, silver elm, and pomegranate are here seen mingled with the mulberry, orange, and fig; and here, also, the palm, rising in rich clusters, lends novely as well as beauty to the denoralisation of the caliphate of Cordova. In 128 it became annexed to the Moortsh kingdom of Murcia, and finally, in 1:285, fell by conquest into the hands of James I., the Christian king of Aragon. (Inglis, ii. 216—230.; Mod. Trav.; Mc. Messo.)

ORINOCO, a large river of S. America, in Columbia, for a knowledge of which we are chelfy indebted to Hum.

ine moorus kingdom or surcia, and maily, in 1705, 1ell by conquest into the hands of James I., the Christian king of Aragon. (Inglés, il. 216—230; Mod. Trew.; McReno.)

ORINOCO, a large river of S. America, in Columbia, for a knowledge of which we are chiefly indebted to Humboldt, who explored the greater part of its course in 1800—1802. Its sources have not been traced, but are supposed to lie in about lat. 3° 20° N., long. 64° W.: it has a circular course running first W., then N., and latterly E., to its emboachure in the Atlantic, opposite to and S. of Trinidad: its length, including windings, is estimated at 1.380 m., being nearly equal to that of the Danuba. In iat. 3° 10° the river runs over a ledge of rocks, forming a cataract called the Randal de Guahariboes, about 60 m. above the station of Ezmeralda, the highest point attained by Humboldt. About 15 m. below this station it is joined on the S., or left bank, by the Casaquari river ("two or three times broader than the Seine near the Jardin des Flantes"), which unites with the Rio Negro, an affluent of the Amason, and thus connects the Orinoco and the latter by a navigable water communication. Its course from this point is W.N.W to the junction of the Guaviare, after which it becomes a broad and deep river, flowing N. by E. over a rocky bed, in which are the two large cataracts called the Rasadalis, or rapida, of Mappures and Aures, joining together an archipelago of Islands, which fill the bed of the river for several m., and in some places do not leave a free passage of 20 or 30 ft. for its navigation, though its principal affluents, the Meta; and about 70 and 120 m. lower still, the large rivers Arauca and Apure. At the junction of the Apure, where the rocky country terminates, the main atream deflects eastwards, and runs E. by N. past Angostura, to the delta at its mouth, the only considerable affluents, to the delta at its mouth, the only considerable affluents in this part of its course being the Caura and Carony, joining it from the 8. The delta

northern mounts into the Guipa of ratus. The affluents of the Orinoco are very numerous, many of them contributing an immense volume of water to the principal river. Those on the W. and N. banks, however, are the only rivers available for navigation, except in the lower part of its course, where it receives G g g 4

CAUTA and Carony. The Guaviare, which is supposed to connect itself with the Rio Negro by a natural channel, in the same way as the latter river is connected with the Orinoco, appears to have a navigable course of more than 300 m. The Meta rises in the Andes, E. of Bogota, and is navigable for about 500 m. The Apure rises in the Andes, by several sources, between the 6th and 8th parallels of N. lat.; and after a course of nearly 500 m., enters a low and swampy district, through which it forms many different channels, in the neighbourhood of which are extensive llasses, furnishing very rich pasturage.

ORISSA.

The tides of the Orinoco, at the lowest season, in March, are perceptible as far as Angostura, about 290 m. from Pt. Barima; but the rise is not material above the juncture of the Carony, about 160 m. from the mouth. The annual swell of the Orinoco commences in April and ends in September, during which it remains with the vast body of water which it has acquired the five preceding months, and presents an astonishingly grand spectacle. At the distance of 1,300 m. from the ocean, the rise is equal to 13 fathoms. In the beginning of October the water begins to fall, imperceptibly leaving the plains, and exposing in its bed a number of rocks and islands. At the beginning of February it is at its lowest ebb, and continues in this state till the beginning of April. It abounds in fish of various descriptions. Amphibious animals are also found in great numbers on its shores; anounds in his or various descriptions. Amplitudes animals are also found in great numbers on its shores; caymans, or round-mouthed crocodiles, are met with in great abundance throughout the river, and are, not without justice, an object of dread to the natives. Scorpions

great abundance throughout the river, and are, not without justice, an object of dread to the natives. Scorpions and mosquitoes are stated, likewise, to be so abundant as to offer the greatest hindrances to European travellers. The Indian tribes above Angostura are described as a miserable, savage race, little improved by the efforts of the Jesuit missionaries; and the ferocity of the natives along the upper part of the river prevented Humboldt and Schomburgk from ascertaining its farthest sources. (Humboldt's Pers. Nasr. v.; Geog. Journal, x. 342—347.)

ORISSA, a prov. of Hindostan, now wholly included in the British presid. of Bengal and Madras, between the 18th and 23d degs. of N. lat., and the 83d and 87th of E. long.; having N. the provs. Bengal and Bahar, W. Gundwanah, S. the Godavery, and E. the Bay of Bengal. Length, N. E. to S. W., about 400 m.; average breadth, 70 m. Area, 28,000 sq. m. Fop. uncertain. Orissa Proper is almost wholly included in the British district of Cuttack, which see. (1. 657.; see also Asiatic Researches, xv., for a detailed description of the prov. The shore of Orissa is in general low and sandy; the interior remains in a very wild state, being composed of rugged hills and uninhabited jungles, pervaded by a pestilential atmosphere. The population consists, for he most vart, of cases considered impure by other rugged hills and uninhabited jungles, pervaded by a pestilential atmosphere. The population consists, for the most part, of castes considered impure by other Hindoos; including Ooreas, and other hill tribes, quite distinct in language, features, and manners, from the Hindoos of the plains. Principal towns, Cuttack, Juggernauth, and Balasore. Orissa has been continually subject to foreigners since 1558, when it was conquered by the Afghans. In 1578 it was annexed to the Mogul empire; in 1756 it was transferred to the Marratas, and in 1803.4 it was occupied by the British. (Hamilton's E. I., Gazetter.)

in 1803.4 it was occupied by the British. (Hamilton's E. I. Gazetteer.)

ORISTANO, a town of the isl. of Sardinia, div. Cagliari, cap. prefecture, near the mouth of the Tirsi (an. Thirsses), in the Bay of Oristano, on the W. shore of the island, 30 m. N.N.W. Cagliary. Pop., in 1838, 5,791. It is in a fertile, but unhealthy plain, and is not fortified. Its steeples and turrets give it a tolerable appearance from the sea; but it is straggling, unpaved, and ill-supplied with water. It has a cathedral, a spacious edifice, with a detached octangular belify, one of the most striking objects in the town. There are served there by a bridge of 3 arches. The Bay of Oristano, the mouth of which is 5 m. across, affords excellent anchorage during the prevalence of winds blowing off shore, but those from the W. throw in a heavy sea. The E. shore of the bay is shoal, but near its N. side vessels anchor in 6 or 7 fathoms water. Many of the inhab. are occupied in the manufacture of sait, and the tunny fishery; and some tolerable wine is grown near the town. ry; and some tolerable wine is grown near the town.

Oristano was founded about 1070. (Sweyth's Sardinia, 294, 285, &c.)
QRIZABA, a town of Mexico, in the state of Vera Crus, in a valley remarkable for its fertility, 70 m. W.S.W. Vera Crus, and 140 m. E.S.E. Mexico. Pop. between 8,000 and 10,000, including whites and Indians. It is laid out in wide, neat, and well paved streets; though so great is the power of vegetation, that grass grows in aimost every part of the town. Coarse cloths are made here in small quantities, and there are several tanneries. The valley in which Orizaba is situated is well clothed with forest trees, above which rises the now extinct and snow-sovered volcano of Orizaba, to the height of 17,880

R. shove the Atlantic. The neighbourhood produces all the tobacco consumed in Mexico; and within the town is a large government manufactory of that article.

ORKNEY AND SHETLAND ISLANDS. These islands, which are most probably the Thus of the excients, lie in two groups to the N. of Scotland, and form between them a co. The Orkneys (Orcades), the most southerly group, are separated from the co. of Cathness by the Pentland Frith, about 6 m. in breach, the most southerly group, are separated from the co. of Cathness by the Pentland Frith, about 6 m. in breach, the most a done principal islands; Pomona, or Mainland, being decidedly the largest. But, including the smaller islands (provincially holow) and islets, the toot a number is estimated at about 60 or which about 40 are uninabelited. They are under the contract of the

KNEY AND SHETLAND ISLES. in a single season from the port of Stromness. re plentful, and large quantities of eggs are extrom Orkney. The fisheries, however, in Orkney, as Shetland, are the grand object of pursuit. The are periodically visited by vast shoals of herrings; is surrounding bays and seas are uniformly well i with cod and other species of white fish. Dissense smart, ab omes parte summes pleased litely objects. (Buck., lib. 1, \$10.) Brassay in Shetland, has always been one of the principul carried on by the islanders, the year ended the 5th of April, 1840, 19.396 barrels berring, and 40.891 cwt. cod, in Shetland, and \$10.00 losters are supposed to be annually from the Orkneys for London. Vessels from ports bound for the N. whale fishary mostly to Trikey or Shetland; and, besides taking on upiles of provisions, usually complete their crews men belonging to the islands, whom they put on a their way back. Rye straw grown in Orkney; found peculiarly well fitted to serve as a subfor the straw used in Italian plait; and the ture of this straw into plait has been carried on ral years to a considerable extent, and with cod success. Kelp, though comparatively une, continues to be extensively produced. Woolkings and gloves, sometimes of extraordinary are exported from Shetland. Messrs. Andertheir valuable work on the Highlands, give the gaccount of the

eceived in Orkney, in 1833, for Farm Produce, Manufactures, Fish, &c. exported.

	L.	4,	4,
or bigg, 5,178 bolls, at 15s. per boll of 6			
els, or 20s, per quarter outs, 1,515 balls, at 12s, do, of do., or	3,843	10	0
	909		•
per quarter 10,696 bushels, sent to Leith, say Se. per	909	U	U
el	1,604		0
134 do., at Se.	36		ŏ
al, 40 bells, at 14s. per bell of 140 lbs.	30	3	U
		_	_
erial	28	0	0
, cows, and ozen, 954, 1 quarter horses,		_	_
.; 3 quarter cows, at 3/.	4,290	0	0
st entered at Custom-house, about 246,			
	1,104	0	0
ent to Leith, 50 tons, 100 dog, per cwt.,	-		-
)00 dos. at 6d.	2.500	Λ	0
and swine, 40 of each at 11	7 80		ŏ
, about 2,000t.; hides, about 700t	2,700		
akins, more than 1,000 dos., at Sc. 6d.	4,100	٠	U
or	600	•	•
rs, about	250	0	0
supposed scarcely to exceed 500 tons, at		_	_
)a.	2,250	0	0
manufacture, including rent, cutting,			
ing, &c.	4,800	0	0
gs, 34,000 barrels, at 10s, per barrel -	17,000	Ò	Õ
thed by about 40 sloops of 30 tens, 14			-
rach, at 13/. per ton	7,280	0	0
rs, caught by 432 men, in 216 boots -	1.800		
fishing, about 25 ships, taking 20 men	1,000	•	•
500 men, at 15/.	7,500	•	•
is Bay Company pay annually for the	,,500	U	•
is pay company pay amounty for the			
s of men employed in Hudson's Bey,		_	_
,	1,500	0	U
		_	_
Total	60,114	0	0

is no similar account for Shetland; but the eived by its inhabitants do not differ materially se received by their neighbours in Orkney. ping of the islands is considerable. In 1836 longed to the Orkneys 77 ships, carrying 4,388 323 men; and there belonged at the same time and 101 ships, carrying 3,967 tons and 744 men, of a great number of boats engaged in the

ople of these remote islands being of Scandinanot Celtic origin, neither the Gaelic dress nor
has ever prevailed amongst them. All of them
k English; but, of old, Norse was the prevalent
The cottages of the poorer ranks are in geneable hovels, affording accommodation in winter
and fowls, as well as to the family. Owing to
ty or exhaustion of moss, the want of fuel is in
nds very severely felt. On the whole, howinhabitants are decidedly better off than those
ter Hebrides, being comparatively industrious,
and well fed. Kirkwall in Orkney, and Lerinetland—the only towns of consequences in the

and well fed. Kirkwall in Orkney, and Lerihetland—the only towns of consequence in the
had, in 1841, the former a population of 3,046;
latter 2,787. The society in both is good, and
is, hospitable,
id and some parts of Orkney suffer much from
ion of tithes. They are not only charged upon
ice of the land, but on that of the fisheries; and
nerally farmed, they are rigidly collected, are
of much irritation, and are a formidable obimprovement. Seeing the good effects that

have resulted eve. Twhere else in Scotland from the abolition of tithes, it is singular that they have not been commuted here. The feu duties, payable to the crown, or rather to its donatory, Lord Zetland, have also contributed materially to check improvement. Marl, though neglected, is common in Orkney. Lead ore also has been met with, and limestone is of frequent occurrence. These islands are divided into 40 pars. The gross rental of Orkney amounted, in 1810, to 9,495.; and that of Shetland to 6,741i.

The Orkneys are divided into 18, and the Shetlands The Orkneys are divided into 18, and the Shetlands into 22 parishes. They send 1 mem. to the H. of C. Registered electors in 1849-50, Orkney, 438; Shetland, 189: making together a constituency of 627. Inhabited houses in both islands, in 1841, 11,569. Pop. 61,065. Annual value of real property, in 1815, 20,930/. (For further information, see Wallace's Description of the Orkney Islands, 8vo., 1700; Barry's Hat. of Orkney; Edmonston's Five of Zetland, 2 vols. 8vo; Hibbert's Description of the Shetland Isles; and Sheriff's Agricultural Survey of Shetland & Sheright and Sheriff's Agricultural Survey of Shetland & Shetland & Sheriff's Agricultural Survey of Shetland &
aton's View of Lectand, 2 vols. 8vo.; Hibbert's Description of the Shelland, 5ci.; and Sherif's Agricultural Servey of Shelland, 5ci.; and Sherif's Agricultural Servey of Shelland, 5ci.; and Sherif's Agricultural Manni, and afterwards Aurelman), a city of France, in the centre of the kingdom, cap. dep. Loiret, on the Loire, 3d m. N. E. Blois, and 68 m. S. Sw. Paris. Lat. 47° 34′ 12′ N.; long, 2° 45′ 49′ E. Pop., in 1846, 41,941. "Orleans is a large, but not a beautiful city; and its environs, though rich and highly cultivated, are less agreeable than the country round Tours or Blois. The city itself has few good atreets; but there is one spacious and elegant avenue, terminating in a noble bridge. The great square is also magnificent." (Inglis's Tour, p. 365.) The bridge across the Loire, the foundations of which were laid in 1751, is 354 yards in length, and has 9 arches, the central one being 104 ft. in width. On either side the river are spacious quays; and from the bridge, the Rue Royale, one of the handsomest streets in France, leads in a direct line to the Place &u Mariroy. In this square is the monument erected to Joan of Arc; consisting of a bronze statue of that heroine, 8 ft. in height, on a marble pedestal, upon the sides of which are 4 bas-reliefs in bronze, representing the principal actions of her life. A few remains of the ancient fortifications of Orleans exist, but their place is now principally occupied with plantations and public walks, one of which is a fine promenade called the Mail. In the old parts of the city the houses are chiefly of timber, and the public thoroughfares narrow, dirty, and wretchedly paved; but several new and tolerable streets have been opened of late years, and various improvements are in progress. thoroughfares narrow, dirty, and wretchedly paved; but several new and tolerable streets have been opened of late years, and various improvements are in progress. (Heigo.) The cathedral, one of the finest Gothic edifices in France, is in a great measure hidden by the surrounding houses. It was begun in the 18th century; partly destroyed by the Huguenots, but rebuilt by Henry IV. It has a fine western portal, flanked with two towers, built by Louis XV. in the most gorgeous style. At the intersection of the nave and transpets is an elegant spire: the side entrances, the lofty vaults, the high altar, and the carving of some parts of the interior also possess great beauty. Some of the other churches and chapels are handsome; but, though still numerous, several of them have been converted into warehouses. The old town-hall, an edifice of the 15th century, is now appropriated to the museum: in its court-yard is an old tower, serving to support a telegraph. The Palace of Justice, a handsome edifice erected in 1831, the theatre, abatioir, prison, large infantry barracks, corn-hall, intendency, and general hospital, are the other principal public edifices. There are several private buildings, curious for their Gothic architecture and decorations; the most remarkable of these are the houses of Agoes Sorel and Francis L. The city is surrounded by extensive suburbs, and its vicinity is sprinkled with numerous villas.

Orleans is the seat of a bishopyric, of a royal court for

vilias.

Orleans is the seat of a bishopric, of a royal court for the dépa. Loir-et-Cher, indra-et-Loire, and Loiret; of tribunals of primary jurisdiction and commerce, a court of assise, the forest-direction for the basin of the Loire, a conseil de prud homenes, and a chamber of commerce, a conseil de prud homenes, and a chamber of commerce, it has a royal college; an académic suiversitaire (for the 3 depa. specified above); a society for the promotion of science, belles-lettree, and art; a public library of 35,000 vols.; a museum, with an extensive collection of paintings of the French school; cabinets of natural history, &c.; a botanic garden; courses of medicine, &c. at the general hospital; of drawing, architecture, botany, &c.; maternity and Bible societies; schools of mutual instruction, &c.; and a departmental assurance company. Its former university, founded in 1612, had, amongst its illustrious students, De Thou, Erasmus, Calvin, and Theodore Beza. Theodore Beza.

Theodore Beza.

Orleans is well situated for commerce, but its trade is less flourishing than before the Revolution. It has declined, while Havre and Paris have risen as commercial towns. Its manufactures comprise fine woollen cloths, flannels, woollen yarn, hosiery, cotton yarn, refined sugar,

vinegar, and wax candles; and besides its trade in these, Orleans deals extensively in corn, wines, timber, wool, cheese, and colonial produce. It has a large general fair in June, which lasts 15 days, and one in Nov., lasting

8 days.

D'Anville has shown conclusively that Orleans or Completes, the emporium of the conclusively that Orleans or the conclusive that Orleans or

oriean dean extensively in conti, when, there, won, these, and colonial produce. It has a large general fair in June, which lasts 15 days, and one in Nov., lasting 8 days.

D'Anville has shown conclusively that Orleans occupies the site of the an. Genabum, the emporium of the Cornutes, taken and burned by Cæsar. (Notice de Anciense Gaule, p. 345.) It subsequently rose to great emiuence, and was unsuccessfully besieged by Attila and Odoacer. It became the cap. of the first kingdom of Burgundy, under the first race of French kings. Since the time of Philip of Valols, in the 14th century, it has usually given the title of duke to a member of the royal family. It was besieged by the English in 1428-29, who were ultimately obliged, through the efforts of Joan of Arc, to raise the siege and retire. In 1563 it was besieged by the Catholics; and during the progress of this slege the Duke of Guise was assassinated. (Hugo, art. Loiret; Dict. Giog., 3c.).

ORMSKIRK, a market-town and par. of England, hund. W. Derby, co. Lancaster, 114 m. N.N.E. Liverpool, and 180 m. N.W. London. Area of par., which comprises 6 townships, 29,020 acres. Pop. of Ormskirk township, in 1841, 4.891. The town is well-built, paved, and lighted with gas, consisting of 4 principal streets, meeting each other at right angles in a large market-place, in which is the town-hall, built in 1779. The church is a large edifice (rebuilt in 1729), with a tower and steeple, detached from each other, and standing side by side: the living is a vicarage, in the gift of Earl Derty, 10rd of the manor. The out-townships have 8 district churches. The Wesleyan Methodists, independents, and Unitarians have their respective places of worship; and at Scarlistick is a Rom. Cath. chapel. Attached to the churches and chapels are 7 Sunday-schools, 3 of which are also national day-schools. A grammar-school, endowed in 1614, is supported by an income of about 140.; and there are 3 infant-schools. The other charital imployed 58 hands. Within the parish, also, are considerable

logical formation of the island indicates the former existence of volcanic action, and sulphur, iron, and copper, are found in large quantities, though few attempts have yet been made to apply these mineral riches to any useful purpose. (Kinserir Persia, p. 12, 13.) This island, at present so inconsiderable, would not have been worth notice but for its former celebrity and importance. It had, however, owing to its advantageous situation, become, previously to the appearance of the Portuguese in the East, a great emporium, being, in fact, the centre of the trade of the Persian Gulph, and of the continuous countries, and nonsessed great wealth no. the centre of the trade of the Persian Gulph, and of the contiguous countries, and possessed great wealth, population, and prosperity. It was taken by Albuquerque, the Portuguese vicercy, in 1615; and was held by the Portuguese till 1622, when it was wrested from them by Shah Abbas, assisted by an English fleet. The booty acquired by the captors on this occasion is said to have amounted to 2 millions sterling! Subsequently the trade of the island was diverted to Gombroon and other places; and this once rich and Sourishing emporium gradually

fell into that state of irreparable decay in which we now find it. (Modern Universal History, ix. 301., &c.,

now find it. (Modern Universal History, ix. 201., &c., &vo. ed.).
ORNE, a dep. of France, reg. N. W., formerly included in the provs of Normandy and Perche; between lat. 48° 12' and 48° 48' N., and long. 1° E. and 1° W., having N. the deps. Calvados and Eure, E. the latter and Eure-et.Loir, S. Sarthe and Mayenne, and W. Manche. Length, E. to W., 80 m.; breadth very variable. Area, 610,561 hectares. Pop. in 1846, 42.107. A chain of hills runs E. to W. through this dep., separating the basins of the Orne and Seine from that of the Loirs; but its summits do not reach a height of more than from 1,500 to 2,000 ft.: the hills are mostly covered with thick woods. the Orne and Seine from that of the Loire; but its summits do not reach a height of more than from 1,900 to 2,000 ft.: the hills are mostly covered with thick woods. The dep. is abundantly watered. Principal rivers, the Orne, Dive, Vie, &c., running N., and the Sarthe, Mayenne, and Huine, S. The Orne, whence the name of the dep., has its source near Siez, and flows generally N. through the deps. Orne and Calvados to the English Channel; which it enters, after an entire course of about 90 m., 15 m. below Caen, from which city it is navigable. Small lakes are supposed to occupy 1,200 hectares; and there are numerous marshes. The soil is very various; and in several places there are distinct traces of volcanic action. In 1834, 333,400 hectares were estimated to be arable, 131,045 in meadows, 11,121 in orchards, 72,000 in woods, and 18,253 in heaths, wastes, &c. In 1835, of 147,135 properties, subject to the contrib. Soucière, 63,864 were assessed at 5 fr. and under, and 26,132 at from 5 to 10 fr. Agriculture if extremely backward. Out the small farms, which are extremely numerous, spade husbandry is very general. Except oats, not enough of orn is produced for home consumption, and the deficiency is, in part, made up by potatoes and buckwheat. Hemp and flax are among the principal products; in some cantons beet-root for sugar is grown. Large quantities of cider and perry are made, from a portion of which brandy is distilled. The best horse of Normandy Hemp and flax are among the principal products; in some cantons beet-root for sugar is grown. Large quantities of cider and perry are made, from a portion of which brandy is distilled. The best borses of Normandy are rearred in this dep. Cattle, hogs, and poultry are fattened for the Paris markets, and honey is an important product. The sheep, which are of an inferior bread, are supposed to yield 450,000 kilog, wool a year. Irron mines are wrought in some parts; manganess, building and other stone, and porcelain clay, being the other principal mineral products. Metallic and linen goods are those chiefly manufactured. L'Aigle is celebrated throughout France for its needles and pins, copper and brass wire. The coarse linen cloths made at Mortagne amount annually to about 12,000 pieces, of from 80 to 100 cils each; and Alençon is particularly famous for a fine and highly prized species of lace, termed sosies d'Alençon Muslins, calicoes, hair cloths, paper, glass, and beet-root sugar are among the other manufactures. Orne is divided into 4 arronds.; chief towns, Alençon, the cap, with 12,756 inhabs., Argentan, Domfront, and Mortagne. Total public revenue in 1844, 12,128,684 fr. (Huge, art. Orne; Dist. Glog.; Official Tables.)

Total public revenue in 1844, 12,128,684 fr. (Huge, art. Orne; Dict. Géog.; Official Tables.)

ORONTES, (Arab. Et. Auszy, "the rebellious.") a river of Asiatic Turkey, in Syria, which rises in a natural rocky basin on the E. side of the mountain chain of Antilibanus, near the village of El. Ras, within the pach. of Damascus, about 50 m. N. of that city. It runs N.N.E. as far as the lake Kades, through which it flows, and then takes a N.N.W. direction through the beautiful vale of El.-Ghab, as far as lat, 26° 15°, where it receives the waters of lake Antakiah, near the city of that name (the ancient Assicoà), and then suddenly deflects westward, falling into the Mediterranean, near Soveldia, or Selexade, after a course of about 340 m. At its mouth is a bar, over which there is from 3½ to 9 ft. water during winter. (Geog. Josers. viil. 520) "The Orontes in the winter season hundates a part of the low grounds, through which it flows in the upper part of its course, thus insulating the villages and cutting off all communication between them, except by boals. In summer the inundation subsides; but the lakes remain half dried up, and give birth to swarms of gnats and flee, which, coupled with the exhalations from the marshes, oblige the inhabitants to retire into the mountains with their cattle, goods, and chattels." (Robinson's Ped. with the rapidity of the stream in many parts of its course, its sudden and numerous windings, its frequent shallows, its various bridges, and the many changes to which it is subjected in the vicinsitudes of the seasons, appear to be insuperable obstacles to any plan for making it navigable, or for using it to any considerable extent for tradition for form and the research and to reach Antioch in a steamer would be a work of consummate difficulty, and, when accomplished, by no means worth the trouble and expense incurred." (Bosering's Stat. of Sgries, p. 42).

when accomplished, by no means worth the trouble and expense incurred." (Bouring's Stat. of Sprin, p. 49.) Its use, therefore, is chiefly confined to the irrigation et the surrounding country, which is effected by means of water-wheels similar to those described in the article

HAMAH, I. 953.

abounds with fish, and produces a species of ibounds with fish, and produces a species of request with the Greeks; they are salted ery direction to serve during the lasts before vy are said to produce 60,000 plastres a year fetors of the mills at Autioch, in passing in they are taken. (Barker's Rep. in dipp. Stat.) The valley of the Orontes has on ions been visited by earthquakee, the last Jan. 1837, nearly destroyed several cities, id the loss of many thousand lives. (Robinsel Path. ii.: Geo. Journal, vil. and vills. ed Pal., il.; Geog. Journal, vil. and vili.;

, or ORTHES, a town of France, dép. iées, cap. arrond., on the Gave de Pau, it communicates with a suburb by an old o arches, 24 m. N.W. Pau. Pop., in i836, veil laid out and built, but ill supplied with as manufactures of woollen stuffs, brass and as manufactures of woollen stuffi, brass and d copper wares; with dyeing houses, tanand an extensive trade in hams of a superior
verly termed jambons de Bayonne, gooseicattle. It suffered much during the reOne of its governors, a Viscount d'Orthez,
ous for being one of the few who refused to
cet the orders of the court for the detestable
St. Bartholomew.

tect the orders of the court for the detestable St. Bartholomew. The action was d and bloody: the French lost nearly 4,000 wounded, and prisoners, and the allies, 2,300. minsular War, vi. 564.)

1. a sea-port town of Central Italy, k. of r. Abruzzo Citra, cap. canton, on the Adri-N.E. Chietl. Pop., in 1832, 6,000. Its chieflits cathedral and other churches, convents, alace, once the winter residence of Margaret, the Emp. Charles V. It was anciently the rt and naval arsenal of the Frentani (Sirabo, sy, iii. 11., &c.), and it has still a few insignains of antiquity; but its harbour has now ist. Vessels anchor in soft ground about half m shore, in from 10 to 15 fathoms water, or quisite, in less water; but the station is exand E. winds; and there are various rocks town of central Italy, Papal States, cap. (Noric's Sailing Directions.)

O (the an. Herbanum, afterwards Urbs town of central Italy, Papal States, cap. name, close to the junction of the Pagila about 5 m. from their union with the Tiber, the Lake of Bolsens, and 59 m. N. N.W.

2. about 7,000. It stands on an isolated and rock; and is clean, well built, and embelfine palaces. Among the latter are the lace; the Gualterio, with frescoes by Dome.

a rock; and is clean, well built, and embelfine palaces. Among the latter are the
lace; the Gualterio, with frescoes by Domenano, L. Signorelli (?), &c.; and the palazzo
with paintings by Pietro Perugino. The canded in 1290, is a remarkable Gothic edifice,
bas-reliefs, mossics, paintings, and statuary,
and handsome circular window. It has several
lies, a Jesuits' college, and a large well, dug by
ment VII., which is shown as a curosity. Vaan antiquities have been discovered here; and
wine is grown near the town, which has ace wine is grown near the town, which has ac-

an antiquities have been discovered here; and a wine is grown near the town, which has acuter celebrity than it deserves. The inhabme trade in cattle, wine, and silk. (Dict. od's Letters of on Architect, 1. 319. 322.)

(an. Assimum), a town of central Italy, a, deleg. of Ancona, 49 m. S. S. W. the city of Pop. about 7,000. It is well built, having a shop's palace, a cathedral, several churches ta, a college, &c. In antiquity this was one of portant towns of Picenum. It was included cities of the Pentapolis, and was taken by from the Gotha, after an obstinate defence. Anc. Italy; Dict. Géog.)

URG (Germ. Osnabrika), a town of the lanover, cap. prov. and principality of its own to Hase, a tributary of the Ems. 83 m. W. by P. Pop., in 1846, 11, 751. It is walled and dithe Old and New Town. "The palace, the (in which the treaty of Westphalia was concise), the court of justice, and the cathedral, some relics supposed to have belonged to neare kept), are all good buildings; and there many good-looking private houses, belonging its. Though not the largest, it is undoubtedly mated and the handsomest town of the Hanon." (Hodgstin's Trav. in the N. of Germ., But other authorities represent the town as and ill built. There are, 2 Lutheran and 2 holic churches, a Lutheran orphan-house, 4 work-house, a Catholic and a Lutheran gym-

inspection, stamping, and sale. (See Hawover, I. 962.) But it is in a great measure indebted for its trade in these fabrics, and in cattle, to its position on the high road between Bremen and the Lower Rhine. It has, also, manufactories of woollen clothas, tobacoo, chicory, soap, paper, leather, &c. No court has been kept up in Osnaburg since the time of Ernest Augustus, father of George I.; but the abolitiv of the prov. generally reside here; and without either having a university or being a royal residence, it is in some degree celebrated for the literature and polish of its inhabs. It is the seat of a R. Catholic bishop; and its civil governor, nominated by the King of Hanover, is called, though without having any ecclesiastical duties to discharge, the Prince-Bishop of Osnaburg: this dignity was held by the second son of George III. Berghaus, Alig. Länder, &c., iv. 234.; Hodgakin's Trav. in N. Germ., I. 208. 318., &c.

OSSUNA, a town of Spain, in Andalusia, prov. Seville, 42 m. E. Seville. Pop., acc. to Milfano, 16,000. It is built amphitheatre-wise on the declivity of a lofty hill, on the top of which stands the par. and collegate shurch. It has, also, four hospitals and two sets of barracks. The town formerly possessed a university, which attained considerable celebrity in the time of Cervantes; but at the close of last century it was in a state of decay, and was suppressed in 1824. Osufia is neat and pretty, surrounded by orchards, among which are some fine public walks; but it has an insufficient supply of water. The climate is good except in summer, when, during the prevalence of the Sodano, or E. wind, the thermometer often rises to 1110 Fahr. The inhaba are principally employed in agriculture, and the neighbourhood has the reputation of being one of the most productive grain districts of Andalusia. It is, also, celebrated for its capers, large quantities of which are pickled and sent to Seville and Cadiz. (Milmon).

tities of which are pickled and sent to Seville and Cadiz. (Mitiono.)

OSTEND, a fortified sea-port town of Belgium, prov. W. Flanders, cap. canton, on the shore of the North Sea, 14 m. W. by N. Bruges, 37 m. E.N.E. Dunkirk, and about 60 m. E. the North Foreland. Lat. 510 14" 1" N., long. 29 58' 9" E. Pop., in 1846, 14,508. Few Bnglish travellers speak in favourable terms of Ostend. It is, however, neatly and regularly built, and has a lively appearance, the houses being painted of different colours. (Barrow's Tows, 285.) It is also a favourite watering place of the Belgians, and is occasionally resorted to by the royal family. It has no public edifice worth notice, except a good bathing-house, with reading-rooms, &c., on the levele, a sloping glacis of stome-work, originally errected to serve as a dyke, having on its summit a favourite promenade. Ostend is strongly fortified by ramparts, a broad ditch, and a citadel; but it is ill supplied with water, which is assigned as a reason for its being in parts rather dirty. The interior harbour, which is large and commoditous, is bordered by a broad quay; but ships of considerable burden can only enter the port at high water, and in strong off-shore winds is difficult of access. There are 2 lighthouses which, when brought in the, mark the channel that leads into the port. The exports consist of corn, clover seed, cattle, and other farm produce; and the imports of sugar, coffee, and other comial products, wines, spices, English manufactured goods, &c. We subjoin an Account of the Ships that entered and left the Port

ACCOUNT of the Ships that entered and left the Port of Ostend, in 1836 and 1837; specifying the Countries to which they respectively belonged.

			183	5.	1837.			
			Entered.	Left.	Entered.	Left.		
Belgian English Freuch Norwegian Hanoverian Oblestingth Mecklenburgh Pression Hamburgh Dentsh Brumon Kriphausen Rosian			247 159 22 51 71 4 7 9 1 10	219 134 26 51 82 6 7 8	227 124 51 95 89 6 6 14 . 6	221 115 25 96 69 6 15 11 10		
Spanish -	•	•		1				
Totals		<u>.</u>	583	548	557	567		

And this number is exclusive of the steamers conveying

the mails to and from England.

The cod and herring fisheries, especially the former are carried on to a considerable extent from Ostend. It 1836 the produce of this fishery amounted to 7,841 tons .) But other authorities represent the town as and ill built. There are, 2 Lutheran and 2 sait fish, and in 1837 to 8,799 tons. The aggregate value holic churches, a Lutheran orphan-house, 4 awork-house, a Catholic and a Lutheran gymda house of correction. Osnaburg is a place table trade, from being in the centre of a coungrat quantities of the linen cloths termed are made, and which are brought thither for by the great Belgian railroad with Bruges, and the great Belgian railroad with Antwerp and other

Sera, about a m. from its mouth, and 10 m. v. S. w. Sera, about a m. from its mouth, and 10 m. v. S. w. Rome, it. 410 45 32" N., long. 12° 16' 35" E. This miserable little town, which has scarcely 100 inhab., and which, in fact, is all but uninhabitable from malaria, was in antiquity a flourishing emporium. It was for a lengthened period the sea-port of Rome; and was founded by Ancus Martius in that view, who is, also, said to have constructed the sait-works in its vicinity.—Is ove Tiberis Ostia wrbe conditis, salima circa factse. (Livius Asco., lib. i. cap. 33.) In the course of time Ostia rose, with the rise of Rome, to be a place of great wealth, population, and importance. It was taken by Marius, who appears to have treated it with great severity. (Livii Epit., lib. lxxix.) But it soon recovered from this disaster, and continued for a lengthened period to engross the whole trade of Rome carried on by sea. But its port had never been good; and, owing to the gradual accumulation of the mud and other deposits brought down by the river, it ultimately became inaccessible to ships of considerable burden, who were obliged to anchor on the coast in an exposed and hasardous situation. Many efforts were made at different periods to obviate these inconveniences, but apparently without much success; and at length the emperor Claudius determined to construct a new port (Portus) at the mouth of the N. or right arm of the Tiber. This harbour was wholly artificial, and was formed at a vast expense by moles projecting into the sea. (Sacton. is Cassus., cap. 20.; Dio Cassius., lib. lx...) Mannert, in his article on Ostia, says that the port constructed by Claudius was repaired by Trajan, and continued to be the port of Rome as long as the Roman empire existed! This statement is, however, in all respects, wide of the mark. The truth is, that the same circumstances (the accumulation of sand and mud at the mouth of the river) that had destroyed the harbour of Ostia very soon began to choke up the new port; and instead of attemp

"Testem svi longingan valet muture vettesten."

OSTUNI, a town of the Neapolitan dom., prov. Otranto, csp. canton, on the brow of a steep hill, 21 m. W.N.W. Brindisi. Pop. about 6,000. It is a bishop's see, but remarkable for little more than the number of its churches and convents. Its climate is said to be highly salubrious. (*Craveris' Tour., 4c., 128,124.)

OSWEGO, a town and port of entry of the U. States of N. America, state of New York, cap. co. of its own name, on the 8. shore of Lake Ontario, at the mouth of the Oswego River and Canal, which connect the lake with the Brise Canal, 330 m. N.W. New York. Pop., in 1830, 2,703; but, in 1840, it had increased to \$716; and is now (1840) probably 15,000, it stands on both sides

esties of the interior. It is the seat of a tribunal and chamber of commerce, and the residence of a military roommandant and of an English consul.

During the ever-memorable struggle made by the Dutch to emancipate themselves from the bilind and brutal despotism of Old Spain, Ostend sustained one of the most celebrated steges of which history has preserved any account. It continued from the 4th of July, 1601, to the 3th of September, 1604, when the garrison captulated, on honourable terms, to the ablest of the Spanish leaders, the famous Marquis of Spinols. This slege is supposed to have cost the contending parties the lives of nearly 100,000 men! (See Watson's Philip III., 1.92—188. 8vo. ed.; Official Returns, &c.)

OSTERODE, a town of central Germany, kingd. of Hanover, princip. Grubenhagen, on the Söse, a tributary of the Leine, at the foot of the Hars, 49 m. S.S. E. Hanover. Pop., in 1845, 5,197. It is walled, and has several churches, an hospital, a gymnasium, &c.; but its principal public edifices are the royal granaries, which supply about 56,000 scheffel of corn annually, at 16 groschen (22.) the scheffel, to the miners and other and the supply about 56,000 scheffel of corn annually, at 16 groschen (22.) the scheffel, to the miners and other substances of the Harz. Osterode has manufactures of woollen and cotton goods, table linens and long cloths, hats, tobacco, soap, white lead, copper and wooden articles, with breveries, distilleries, tameries, &c. (Horschelmesse's Steirs ; Berghass.)

OSTIA, a decayed town and sea-port of Italy, Papal States, on the left or S, arm of the Tiber, a little below where it divides into two branches to inclose the Isola Sacra, about 3 m. from its mouth, and 15 m. W. S.W. Rome, lat. 410 45' 35'' N., long. 19 16' 35'' E. This miserable little town, which has carcely 100 inhab, and which, in fact, is all but uninhabitable from malaria, was in antiquity a Sourishing emporium. It was for a lengthed product the respective to the surface of the surface and the surface and the p

and, not withstanding the imperieus state of use westime canal, it already commands a large portion of the trade between the state of New York and Upper Canada. In 1838, only 6,583 tons shipping belonged to this port, whereas 22,152 tons belonged to it in 1849! (New York Gauctieus, dec.)

OSWE 5 TRY (corrupted frem Oswaldstree), a markettown and par. of England, hund. of its own name, co. Salop, on the borders of Wales, 16 m. N. W. Shrewshury, Area of par., 13,689 acres: pop. of township in 1841, 4,566. The town, which was formerly surrounded with walls, is well-paved and lighted; its chief public buildings are a town-hall, prison, theatre, and a fine old church, remarkable for its lofty lay-mantled tower. The living is a vicarage, in the gift of Lord Clive. The independents, Baptists, Wesleyan Methodists, Wesleya Calvinists, and Primitive Methodists, have their respective places of worship, to which are attached Sunday schools, furnishing religious instruction to upwards of 700 children. A grammar-school has been established here, and "is free for all boys born in the parish to be instructed in grammatical learning in the English, Latin, and Greek languages. The present annual value of the endowment is 2304.; but the number of free scholars seldom exceeds 20, besides whom there are about 24 pay-boys residing with the master. There is also an extremely well-regulated national school, stended by about 230 boys and 150 girls." (Msss. Corp. Report.) Oswestry, which from 1661 to 1621 was the great mart for woollens called Welsh webs, has still a few manufactures of flannel and coarse linen cloth; but its principal dependence is on its retail trade with an extensive agricultural district. The bor, which received its first charter in 22 Richard I., idivided, under the flux of the recovery of small debta. Owner, and the corporation consists of a mayor, 5 other aldermara, and 18 counciliors. Corporation revenue, in 1847-48, 7804. Quarter and petty sessions are held under a recorder, and the corporation consists of a ma

OTRANTO.

***narter sessions are held here by the magisthe archabishop's commission. Markets on the fairs, Wednesdy in Easter week, and ght after till Whit-Sunday, and then every lat Aug.

**TO (am. Hydramium), a sea-port town of its 3-R. extremity, kingdom of Naples, prov. name, cap. canton, on the Strait of Otranto, point of fully nearest to the Greek peninsula, Leoce, and 44 m. W.S. W. Cape Linguetta, in This petty town, of 1,600 inhab., has little to English reader, except the celebrated "Castle" with the name of which every lover of romiliar. "The castle, however, is far from ie expectations created by the perusal of the gits appellation. It is now, what it ever tadel of the town, a fort of no considerable ower, but not entirely deficient in picturesque ecially on the land side. Two large circular from the rich follage of the trees which sill litch, and among which a very high paim is a." (Crossen's Town.) The castle, which commons, stables, a mill, a chapel, &c., was built by d'Aragon, who otherwise fortified the town, ark against the Turks. Otranto has a very hedral, in which are some columns taken from Minerva in the vicinity; an architeshop's pafew Roman antiquities. In 1480 it was taken by the Turks. Under Napoleon, it gave the ke to Fouché. (Crosser's Tow's Tow is the S. Provapter, 142. 144; * Burges's Greece, 1.28. 20.; .)

ANO, a town of the Nespolitan dom., prov. o, at the E. foot of Mount Vesuvius, 13 m. E. op. estimated at 6,000. It has 3 churches, a some other public buildings. Its inhabs, are engaged in agriculture, having but little taste rice. Several antiquities found here are supave formed part of a palace anciently belong. Octavian family, from whom the town is conhare derived its name.

ave formed part of a palace anciently belong. Octavian family, from whom the town is conhave derived its name.

RY ST. MARY, a market-town and par. of co. Devon, hund its own name, on the Otter derives its name), 11½ m. E. by N. Exeter. II. 9.470 acres. Pop., in 1841, 4,194, It is large ularly built; containing many vestiges of anting which is a house formerly inhabited by Sir laleigh. The church is a large and curious built like Exeter Cathedral, with 2 towers not the body of the church, and serving as; a ladye-chapel occupies the R. end, and in or is a fine arched monument. The living is an the gift of the Lord Chancellor. The Indeand Wesleyan Methodists have likewise their places of worship, with attached Sunday-A grammar-school was founded here by Henry ti thas for many years been an almost useless e to the town. Two day-schools are supported iption, and an infant-school is attended by children. Almehouses are established here, iption, and an infant-school is attended by children. Almehouses are established here, are numerous minor charities for the relief of within the par. Ottery 8t. Mary, which had a considerable share in the manufacture of d coarse woollen cloths, is now chiefly support-culture and retail trade. A silk-mill, how-s been established within the last few years, 1839, employed 235 hands. Petty sessions for lare held here. warkets on Tuesday; fairs, before Palm-Sunday; Whit-Tuesday, and Augstite and sheep.

before Palm. Sunday; Whit-Tuesday, and Aug. title and sheeps.

It and as the sunday is a prov. and kingdom of Hindostan, a protection of the British, between the With and of N. Isit., and the Poth and Sd of E. long. V. Nepaul, but is every where else surrounded provs. Delhi and Agra, S. Allahabad, and E. Barca estimated at about \$5,500 cm. Pop. proceedings, having the Cossecks of the Oural. It is reckoned one of the british by the lower Himalaya ranges, and S. by the Ganges, being well watered by several ics, and other grains, sagar, indigo, opium, and ichest crops raised in India; and Hebre states, and tother grains, sagar, indigo, opium, and ichest crops raised in India; and Hebre states, and tother grains, sagar, indigo, opium, and illustrated as most of the Company's provate was for a lengthened period so wretchedly aged by its native authorities, that, from being one ichest states of Hindostan, it had become, a few on one of the poorest and most miserable, being ly distinguished for anarchy and disorder. The venue is estimated at between 18 and 19 million; and the useful metals; being estimated at between 18 and 19 million; and the useful metals; being estimated at between 18 and 19 million; and the useful metals; being estimated at between 18 and 19 million; and the useful metals; being estimated at between 18 and 19 million; and the useful metals; being estimated at between 18 and 19 million; and the useful metals; being estimated at between 18 and 19 million; and the useful metals; being estimated to afford, at an average, about 340 poods of gold, 300,000 do. of cosper, all collection is farmed out to the highest.

Large tracts of the country are also in jaghire, ally conferred for military service; the aumils, mus collectors, and the semiodars, are so inent of the royal suthority, that they yield only a sufficient of the royal suthority, that they yield only a sufficient of the supplement of the carpina service; the aumils, mus collectors, and the country is an advantage.

OURFA.

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very imperfect obedience, and so late as 1830 Oude was distracted by civil war between the sovereign and his military chieftains. A full account of the condition of the country at that period may be found in the Report on E. I. Affairs. 1832. (Political Appendix, p. 395-430.) Under the new king, however, great ameliorations have been effected, and the standing army has been reduced from 50,000 men to leas than half that number. The subsidiary troops furnished by Oude to the Angio-Indiag army amount to 10,000 men. The foreign relations and treasties of the state are wholly conducted through the British resident at Lucknow. It has been secured, ever since 1765, by the British government from foreign agression; and it is to be regretted that we did not also so far interfere in its internal concerns as to introduce regularity and efficiency into the administration, and to

gression; and it is to be regretted that we did not also of an interfere in its internal concerns as to introduce regularity and efficiency into the administration, and to repress disorders. (See Crassfurd's Letter in Rep. Polit., Append., pp. 93-94.)

OUDS, a town of Hindostan, in the above prov. and kingdom, of which it was the former cap.; on the Goggra, across which an iron bridge, the materials having been brought from England, is said to have been recently thrown, 74 m. E. Luckinow; lat. 36° 46° N., long. 82° 4° E. It extends for a considerable distance along the banks of the river, stretching as far as Fynshed. It is said by Hamilton to be tolerably populous; but, except along the river's brink, it consists wholly of ruins and jungle, among which are the remains of various celebrated Hindoo temples. Hindoo pilgrims still visit Oude; and did so in great numbers, until Aurungzebe demolished most of their places of resort. A mosque erected by that monarch, and 2 tombs, greatly venerated by Mohammedans, are now the principal and almost sole remaining public edifices. (Mod. Trav. ix. 312—2012 NAPD of the property of Parliams o

semolated most of their piaces of resort. A mosque erected by that monarch, and 2 tombs, greatly venerated by Mohammedana, are now the principal and almost sole remaining public edifices. (Mod. Tree. ix. 312—215, &c.)

OUDENARD, or AUDENARD, a town of Belgium, prov. E. Flanders, cap. arrond. on the Schelds, 14 m. S. W. Ghent. Pop. in 1842, 6,292. It is generally well built, and has one of the handsomest town halls in the Netherlands, several churches, an hospital, 2 orphan asyluma, a convent, a college, and other schools, including one for spinning yarn. It has some manufactures of cotton and woollen fabrics, with breweries and tanneries. On the 11th of July, 1708, a powerful French army, commanded by the Dukes of Burgundy and Vendome, was defeated in the vicinity of this town, and obliged to make a disorderly retreat, by the allied army under the Duke of Mariborough and Prince Eugene.

OUNDLE, a market-town and part of England, co. Northampton, and hund. Polebrook, on the Nen (crossed here by 2 bridges, one of which has 5 arches), 25 m. N.E. Northampton, and 67 N. by W. London. Area of par, 5,200 acres; pop., in 1841, 3,077. The town, though small, is neat and well built, having a good market-house. The church is large and handsome, with a square tower, having octagonal turrets at the angles, and surmounted by a lofty spire; the living is a vicarage, in the gift of the Lord Chancellor. A grammar-school, established in 1644, is attended by about 210 children of both sexes. There are also 2 simshouses. Petty sessions for the hund are held here once a fortnight Marketo on Thursday; fairs, Peb. 26.; Whit-Monday; Aug. 31., and Oct. 12., for horses, sheep, &c.

OURAL, or YAllk, the Rhymens of the ancients, a large river of the Russian empire. It rises in the Oural kinders of the Russian empire against the incursions of the boulvaris of the Russian empire against the incursions of the boundary and of little use for navigation; but teems with shallow, and of little use for navigation; but teems with shallow, and of li

It occupies the slopes of two hills, in the valley between which is a fountain and large basin containing a number of fish accounted sacred by the inhabs. The houses are substantially built of hewn stone, and surmounted by terraces; gutters two or three feet in width run through the middle of the streets, and on each side are tolerably clean pavements. The mosques, which are numerous, have all lofty, and many of them handsome minarets; there are churches also for the adherents of the Greek and Armenian creeds. The basaars are of tolerable size, and covered in from the weather, some being occupied by cloth merchants, others by goldsmiths and other artisans.

occupied by cloth merchants, others by goldsmiths and other artisans. Ourfa is a place of considerable industry: large quantities of cotton fabrics are made in it; its goldsmitha' work and morocco leather are highly esteemed, and the produce of the neighbourhood, especially wheat and barley, is sent to Aleppo and the N. of Syris, and, by way of Bir, across the Euphrates. "The general trade with Aleppo is carried on almost entirely by about twenty Turkish and Christian merchants. They employ a capital not exceeding 50,000 dollars; but they trade on credit, both at Ourfa and Aleppo, for a much greater amount. Three-fifths of this are for British manufactures, principally cotton twist, calicose, a few prints, muslins. amount. Three-fifths of this are for British manufactures, principally cotton twist, calicoes, a few prints, muslins, and nankeens; the remaining 2-5ths being for colonial produce, and different articles in the country. The inland duty paid at Ourfa by the rayas is invariably 5 per cent, on the invoice cost; and the price of carriage from Aleppo ranges between 80 and 100 plasters per Aleppo cantar on every kind of goods." (Bouring's Report on

cantar on every kind of goods." (Bouring's Report on Syria, p. 44.)

The ancient Edessa was for a lengthened period the cap. of the prov. Osroene, in Mesopotamia. It is said to have been one of the numerous cities built by Selecus Nicator, and continued under his successors as long as they remained possessors of Syria. It was taken by the Arabs during the caliphate of Abubekr, in the 7th century, and, after many viciasitudes, Selim I. united it. in 1517, to the Ottoman empire. (Olivier, Voyage dans Pempire Othoman, iv. 210—223.)

OUSE, a river of England, co. York, one of the principal affluents of the estuary of the Humber, and which, indeed, may be considered as representing the various rivers that join it before it falls into that great estuary. The Swale, the remotest branch of the Ouse, has its source in the

may be considered as representing the various rivers that join it before it falls into that great settuary. The Swale, the remotest branch of the Ouse, has its source in the mountain of Shunnor Fell, on the borders of Yorkshire and Westmoreland, one of the most elevated in the great central range. Fursuing a S.E. course, the Swale is joined a little below Boroughbridge by the Ure, from Askrig, Middleham, and Ripon. A little lower down, the united river takes the name of the Ouse, and flowing past York, receives at Cawood its important tributary, the Wharfe, which, flowing through Tadcaster, has its source near Arncliffe. From Cawood the Ouse flows S.E., withmany winddings, to Goole, where it unites with the Humber, receiving the Derwent from the N., and the Aire and Don from the S. The Ouse is itself navigable for considerable vessels as far as York, and for barges to Linton; and the Aire, Don, and Derwent, have been, partly by improvements in their channels, and partly by canals, rendered navigable to a great distance. The Ouse is, in fact, connected not only with the ports on the Humber, but, by an internal navigation, with Liverpool, London, and Bristol.

Exclusive of the above, another river, called the Great

London, and Bristol.

Exclusive of the above, another river, called the Great Ouse, rises in Northamptonshire, near Brackley; its course at first is E., a little inclining to the N., through Bucks; it then passes Oiney and Harrold, and, after many windings, reaches Bedford, where it becomes navigable. It then, traverses the cos. of Huntingdon and Cambridge, and the N.W. corner of Norfolk, failing into the setuary of the Wash at King's Lynn. From Huntingdon Sluice to Denver Sluice, a distance of about 30 m. in a direct line, the Ouse is now called the New Bedford river, from the greater part of its water flowing in the great channel or drain of that name, dug in the great channel or drain of that name, dug in the Great Ouse are the Nen, Cam, Little Ouse, Lake, Wissey or Stoke, and Nar.

Great Ouse are the Nen, Cam, Little Ouse, Lake, Wissey or Stoke, and Nar.

OVERTON, a parl. bor. of N. Wales, cc. Flint, hund. Maylor, on the Dee (crossed here by a handsome stone bridge), 14 m. S. Chester, and 158 m. N. W. London. Pop. of parl. bor. and par., 1841, 1,662. The town is sit. on rising ground above the river, and is on the whole well built. The church is a venerable structure, picturesquely situated; and in the church-yard are some yews which, for size and beauty, are ranked among the wonders of the Principality. The town has little trade; and would be unworthy notice, were it not that it enjoys the privilege, in connexion with Flint and 6 other towns, of returning 1 mem. to the H. of C. Registered electors for the united bors. in 1849-50, 765.

OVIEDO (Overtswe), an ancient city of Spain, cap. of the prov. of Asturias, in a plain at the confluence of the two small rivers Ovia and Nora, 60 m. N. by W. Leon,

OXFORD.

lat. 48° 19' N., long. 5° 87' W. Pop., according to Misson, 10,476. It is an old-fashioned city, with many narrow and irregular streets; but it has several good squares, that forming the market-place being large and handsome. The town is supplied with water by a magnificent aqueduct of 41 arches, communicating with the fountains in the public squares. The principal public buildings are the cathedral, the collegiste church, and 3 par. churches, besides a district church, 3 hospitals, and 4 colleges. The cathedral (supposed to have been founded in the 8th century) is a large structure of Gothic architecture, and one of the most elegant in Spain, very similar to that of Toledo, though much smaller: it is surmounted by a beautiful, though unfinished, tower; and at the W. end is a noble open porch. (Cod's Sketches is Spain, il. 96.) It contained many valuable vases, &c., taken away during the peninsular war: it has also a large mausoleum, in which are deposited the remains of 14 kings and queens of Asturias. The university, founded in 1580, is well endowed, and has a large library: the university buildings are among the finest in the town. Ovided has a weekly market, and 3 annual fairs; but its trade is chiefly confined to the neighbourhood. A few tanyards, manufactories of hats, horn combs, and metal buttons are established here, and domestic wearing is carried on to a considerable extent. A hood. A few tanyards, manufactories of hats, horn combs, and metal buttons are established here, and docommon, and metal puttons are established here, and do-mestic weaving is carried on to a considerable extent. A manufacture of arms was, till lately, supported by the government; but within the last few years it has been

oviedo is supposed to have been founded about A. D.
759. It afterwards became a place of refuge, during the
persecutions of the Moors, for great numbers of Christian
clergy, and hence acquired the name Civitas Episcoporume.
The pope in 901 made Oviedo an archbishop's see; but The pope in 901 made Oriedo an archbishop's see; but afterwards this bonour was transferred to St. Jago, since which time the bishops of this city have been merely suffragans. The foundation of the university improved the condition of the inhabs.; and for upwards of 150 years Oviedo was a popular resort for literary monks and others desiring to avail themselves of the advantages offered by the ecclesiastical seminaries. When Mr. Townsend visited the town, it swarmed with mendicants, encouraged by a wealth clerry; but since the French a ownsenu visited the town, it swarmed with mendicants, encouraged by a wealthy clergy; but since the French war, and the suppression of the conventual establishments, the importance both of the town and university has very much diminished. (Townsend, ii. 1—14.; Mod. Tyrne, M. Micano.)

OWHYHEEL. See POLYMENA.

war, and the suppression of the town and university has very much diminished. (Townsend, ii. 1—14.; Mos. Trav., Mikano.)

OWHYHEE, See Polynesia.

OXFORD, an inland and central co. of England, of a very irregular shape, bounded 3. and S.W. by the Thames, by which it is separated from Berks, and having W. Gloucester, N. Warwick, N.E. Northampton, and E. Buckingham. Area, 483,940 acres; of which above 400,000 are said to be arable, meadow, and pasture. Surface, a good deal diversified. The S. division of the co. is traversed by the range of the Chiltern hills; but elsewhere it is mostly flat, or merely undulating. Soli very various: in the N. it consists of a deep, red, fertile loam; in the middle district it is comparatively sandy, gravelly, and poor; and, in the 3, thin and chalky soli predominates. The co. is extremely well watered; for besides being bounded, as already stated, for a lengthened distance by the Thames, it is traversed by the Windrush, Eveniced, Cherwell, and Thame. Oxford is principally in tillage; but though numerous improvements have been effected of late years, its agriculture is far from being in a very advanced state. This is accounted for principally, perhaps, from the tenants not being bound to follow any particular mode of husbandry, and not being restricted in the sowing of wheat, so that the land is frequently foul and over-wrought. There is, also, is many parts, a great want of drainage. The soil is particularly suitable for barley, which is the principal crop; but large quantities of wheat are also raised. Turnips extensively cultivated. Dairy husbandry is, in some districts, carried on upon a large scale; and the sheep stock is supposed to exceed 200,000 head. There are but few large estates, and farms are generally small: it is common to grant leases for 7 and 14 years. A verage rest of land in 1843, 24c. 14d. an acra. Manufactures and minerals of no importance. Principal town, Oxford. The co., is divided into 14 hundreds, and 217 parishes. It sends 9 mems to the H. of C., vis. 3

OXFORD.

7.N.W. London, lat. (Observatory) 51° 45′ 28″ g. 1° 15′ 29″ W. Pop. of parl. bor. (which inwith the old bor., the par. of St. Clement's and n of that of Cowley) in 1841, 23,656. The city n a plain, in the midst of meadows thickly planted es, and is surrounded on 3 sides by the above-ed rivers: it has an imposing external appearm whatever side it may be viewed; but more ly from the adjacent high ground on the London ngdon roads. The High Street is one of the Snest land; not only for its width and regular arrange-but for the beauty and magnificence of the sand collegiate edifices lining it on both sides: very of Magdalen and All Souls' Colleges, the onts of University and Queen's Colleges, and the sity Church, are its chief and most admired feathree other streets meet it at its W. end; one the collegiate the Corn-Market, leads northward to y suburb of St. Giles's; and the second passes and by the town-hall, and the noble building of Church, towards Abingdon; while the third, Queen Street, runs westward in continuation of irreet, into the low and densely peopled pars. of and St. Thomas. Parallel to and N. of High is another fine, though not long line, called Broad in which are Baliol, Trinity, and Exeter Colleges, hnolean Museum, Clarendon Rooms, Sheldonian e, &c.; and between High Street and Broad Street blong space, occupied by a quadrangular building, g a bollow square, round which are the academical birary and Picture Gallery. Between the schools g a notiow square, round which are the academical is," the upper stories being occupied by the Bod-ibrary and Picture Gallery. Between the schools. Mary's Church is the Radeliffe Library, a circular in edifice, surmounted by a dome, and contrasting strangely with the Gothic structures by which it rounded. St. Giles's and Beaumont Streets are with substantial private dwellings; besides which, but and Worcester Colleges and the Tables. hn's and Worcester Colleges, and the Taylor-ng, a large structure of Corinthian architecture, ng, a large structure of Corinthian architecture,
n course of construction, greatly contribute to
nbellishment of this part of Oxford. The other
are mostly narrow, irregular, and crooked,
new streets, however, with good substantial
s, an entire new suburb, and several bundred
r tenements, have been erected within the last er tenements, have been erected within the last ars, and the city has thus been greatly improved. icripal Bound. Report.) The principal thorough are well paved, cleaned, lighted with gas, and fully supplied with water. The police, a very efficiency in the property of the police, a very efficient to the property of th no to architectural elegance, is open below for the modation of farmers and corn-factors, the upper s being divided off into court-rooms, and aparts for municipal and judicial bustness. A large and notious new seasions-house, however, is in course extion near the old castle, which has been converted a modern gaol. The arrangements of the co. prison ery imperfect; its sise does not admit of classificary solitary confinement to any great extent, and hard ir is only partially enforced. There is likewise a ridewell, comprising about 50 cells; but its mamoent is said to be unsatisfactory. (Prison Incors 4th Rep., part iii, p. 198—201.) The marketies a modern range of buildings, entered from the Street, and, with its asles, arcades, and shops, sone of the greatest improvements made in the The Radcliffe infirmary erected towards the mid the last century by the trustees of the fund left. Radcliffe, is in the N. suburb, not far from the vistory, which owes its origin to the same founders. a plain stone building, within a specious enclosure, be of accommodating between 160 and 200 patients; des medical officers, &c. The only other edifices, as the other description worship was the ble of accommodating retween 180 and 280 patients; des medical officers, &c. The only other edifices, usive of those devoted to public worship, are the so f industry, a large structure near the infirmary, t for the reception of the poor belonging to 11 united (the expense of whose maintenance amounted, 349, to 8,084.) a small music-hall, and 2 sets of alma-

amounted, at an average of the 3 years cading with 1831, to 2,682. a year; but it is to be increased to about 4,000\(^L\) a year. St. Mary's Church (used by the university for the academical sermons, Bampton lectures, &c.) is a fine structure, in the perpendicular style, surmounted by an elaborately ornamented tower and spire, 180 ft. high—The side towards the High Street, however, is disfigured by an incongruous porch, with twisted columns. The interior was renovated in 1896, and is handsomely fitted up. It is likewise a par. church, the living being in the gift of Oriel College. Carfax, or St. Martin's, the corporation-church, facing the W end of High Street, is an oblong stone building, with a low tower. All Saints in the High Street, is in the Grecian style: the roof is entirely supported on the side walls, and the whols is surmounted by a tower and spire: the living is in the gift of Lincoin College. St. Peter's-in-the-East near Queen's College, is the oldest church in Oxford. Mr. Rickman says that its original portions are Norman; but it has had many introductions and alterations, mostly in the perpendicular style, which have greatly sletted its exterior appearance. The interior has recently been restored and beautified, so as to correspond with that of the original building; the living is in the gift of Merton College. St. Mary Magdalen, at the juncture of the Corn-Market with Broad Street, is in the decorated style; it has recently undergone a thorough repair, and is about to be enlarged by the addition of a large size and lofty tower, to be erected by subscription, in commemoration of the martyrs, Cranmer, Hooper, and Ridley. The other churches of Oxford deserve now the street of the corn-Market with Broad Street, is not memorated to the enlarged by the addition of a large size and lofty tower, to be erected by subscription, in commemoration of the martyrs, Cranmer, Hooper and Ridley. The other churches of Oxford deserve now the street of the corn-Market with Broad Street, is or the description. large alsie and lofty tower, to be erected by subscription, in commemoration of the martyrs, Cranmer, Hooper, and Ridley. The other churches of Oxford deserve no particular description. The Roman Catholics have a small chapel; and there are places of worship for Wesleyan and Calvinist Methodists, Independents, and Baptists. Most of the churches have their attached charity-schools, besides which there are various Sunday-schools, attended by great numbers of children of both sexes. The Diocessan national schools give instruction to about

schools, besides which there are various Sunday-schools, attended by great numbers of children of both sexes. The Diocesan national schools give instruction to about 600 boys and 300 girls; and a school of industry is attended by 200 girls. A few schools, also, are supported by Dissenters. Most of the parishes have considerable funds for the relief of the aged and sick poor; and there are dispensaries, lying-in charities, clothing-societies, provident clubs, &c., to aid the numerous indigent persons in the town and neighbourhood.

The great glory of Oxford, however, consists in its buildings devoted to collegiate education; which far surpass those of Cambridge in number, and in extent and besuty. Most of them are built in the style peculiar to the 18th and 18th centuries; but a few, as Queen's and Worcester Colleges, with parts of Christ-Church and Magdalen Colleges, partake more of the Grecian style, introduced late in the 17th century. They are chiefly built in hollow squares, round which are the member's rooms; and the quadrangles of Christ-Church, All Souls, Magdalen, New, and Brasenose Colleges are very large and imposing. The chapels, halls, libraries, and gardens of these establishments are likewise extremely beautiful; nor must we comit to mention the shady promenades, called the Christ-Church Meadows and Magdalen Walks, which are of great extent and beauty.

called the Christ-Church Meadows and Magdalen Walks, which are of great extent and beauty.

Oxford in a very great degree depends, and has during many centuries depended, for its prosperity on the University. Till the opening of the Birmingham and Great Western railways, it enjoyed considerable advantages from being on the great roads leading northward to Birmingham, Shrewsbury, &c., and westward to Cheltenham, Gloucester, and South Wales. Between twenty and thirty coaches used daily to pass through the town, and its inne were among the largest in England; but this source of wealth is now almost extinct, and owing to the opposition of the University no railway has hitherto been brought near the city. It is believed, however, that this will speedily be the case; and there can be no doubt that Oxford will gain incomparably more by such a speedy means of communicating with the there can be no doubt that Oxford will gain incomparancy more by such a speedy means of communicating with the metropolis and other great towns than she has lost by the annihilation of her posting business. There are no manufactories; and the trade of the place is chiefly con-fined to the supply of the academic pop. It has the admanufactories; and the trade of the place is chiefly confined to the supply of the academic pop. It has the advantage of a canal navigation by the lais to London, and
by the Oxford Canal northward, which channels supply
it with coal, and all the more bulky articles of domestic
consumption. (Parl. and Mun. Bound. Rep.) It is
also the mart for an extensive agricultural district, and
its weekly corn-market is one of the largest in the midses. to show. I a small necession and is sees to almost one of the chips of the carbon of the carbon of the carbon of the chips of different ages, from 12th to the 16th century: it is built in the form of a stand measures, from E. to W., 184 ft.; the length the transepts being 103 ft., and the height from the r to the roof, 42 ft. At the intersection of the nave transepts rises a tower, surmounted by a spire 146 ft. right. The carvings of the choir are very slaborate, high somewhat heavy; and in souse of the windows fine specimens of painted glass. Unfortunately it is nemsed in by college buildings and gardens, that no of the whole can well be obtained. The cathedral with that of Christ-Church illege; and the sum annually divided by the dean and anons amounts to 12,55%, besides which, each has a ladome realistnee. The income of the bishopric

of which was derived from bor. rates. Quarter and petty sessions are held by the recorder; besides which, there is a court of hustings, and a county court, before which 2,039 plaints were entered in 1848. The assizes for the co. are held here: the quarter sessions take place on the Mondays after Jan. 4., April 5., June 28., and Oct. 18. The vice-chancellor of Oxford is a magistrate ze afficie within the bor., and exercises jurisdiction over the town as well as the University. The city has sent 3 mems, to the H. of C. since the reign of Edward 1.; the right of election down to the Reform Act having been in the free burgesses (becoming so by birth, apprenticeship, purchase, or gift). The limits of the bor. were evalgred by the Boundary Act, so as to include with the old bor, the par. of St. Clement's and a part of Cowley par. E. of the Cherwell. Reg. electors, in 1849-50, 2,807. Oxford is likewise the election town for the co. Market on Wedn. and St. but chiefly on the latter. Faira, May 3., Mond. after Sept. 1., and Thura, before Michaelma-day.

Oxford (originally called Oxnaford, or Oxeneford) lays claim to very high antiquity. It suffered much during the ravages of the Danes, and was the residence of Canute, and of his son Harold Harefoot. William the Conqueror stormed the town in 1067. Soon after, the castle (remains of which are still existing contiguous to the co. gao) was built, by Robert de Oligt, one of the Norman barons. Henry 1. built a palace here, which continued to be a favourite regal residence during several successive reigns; but it was pulled down at the dissolution of the religious house. Oxford had a share in the civil wars of Stephen and Henry II., which were terminated by a council held in it in 1134. The history of the city is henceforward closely connected with that of the University, which now began to attain a high celebrity. Hot disputes on points of scholastic actrine prevailed between the reigns of Henry III. and Edward III.; and in the middle of the 14th century a large body of the s

Oxford warmly espoused the cause of the royalists during the reign of Charles I., who made it his bead-quarters after the battle of Edgehill. For a lengthened period after the Revolution, Oxford was attached to the party of the Jacobites; and since the accession of George III. down to the present time, the University has, speaking generally, supported what are called high church and high Tory principles. (Ackermas's History of the City and University of Oxford; Ant. Wood's Astiq. of Oxford and Athense Oxon.; Brewer's Accessed of Oxfordshire, art. Oxford; Parl. Papers; Priv. Inform.)

OXFORD (UNIVERSITY OF). This celebrated university lays claim to very high antiquity; but its exact origin is unknown. Tradition has assigned its foundation to King Affred, about the year 890; and University College is supposed to have been the nucleus round which, in the course of 9 centuries, have been formed the present assemblage of colleges and halls. Mr. Hallam and Mr. Dyer countenance this opinion, which, however, seems to rest on on very solid grounds. But there can be no question that Oxford was known as a school of ancient learning as early as the reign of Edward the Confessor, for Ingulphus, abbot of Croyland, says of himself, that "he was sent to study at Oxford, where he made greater progress in the Aristotellan philosophy than most of his contemporaries, and became well acquainted with the rhetoric of Cicero." (See Convingins de Antiq. Academ., Dits., iii. ch. 7.) During the reigns of Henry I. and II., Oxford appears to have comprised a theological school of some note, and civil law was studied in it as early as the middle of the 12th century, about which time doctors both of divinity and law were first created; but we done find it designated as an university till the 3 John, 1201, which is of earlier date than the application of therm either to Paris or Cambridge. The earliest charter was granted by John, and its privileges were confirmed and extended to subsequent monarchs, the act by which it was created a corporat

"The Chancellor, Masters, and Scholars of the University of Oxford," having been passed in the 13th Elizabeth, 1870. The statutes, however, by which the university is now either nominally or really governed were drawn up during the chancellorship of Archbishop Land, and received the sanction of Charles I. in 1835. (Amt. & Wood's Astin. of Oxf., transl. by Gutch, il. 403.) The university was sanctioned, also, by Papal authority; and Oxford is mentioned in the Constitutions of Clement V. (A. D. 1311), with Paris, Bologna, and Salamanca. Collegiate foundations date from a very early period; and University, Ballol, Merton and Oried Collegias, were founded prior to the reign of Edward III. The number of collegze or endowed establishments, however, was for some centuries small, in comparison with that of the kalls or risss, in which the students lived, chiefly at their own expense, under the supervision of a tutor, or principal. For the establishment of these halls, of which there were about 300 in the early part of the students of the carries of their own choice; for the chancellor could not refuse his sanction to the establishment. Pestilence, civil war, the decline of the scholastic philosophy, and other causes, led to a diminution in the number of students, in consequence of which, also, the halls decreased in number. The Beformation still further thinned the ranks of the students, and at the beginning of the 16th century the university was almost entirely deserted, and the halls fell to decay: of the scholastic philosophy, and other causes, led to a diminution in the number of students, in consequence of which, also, the balls decreased in number. The Reformation still further thinned the ranks of the students, and at the beginning of the 16th century the university was almost entirely deserted, and the balls fell to decay; a circumstance which gave to the secular colleges a preponderating weight, and allowed them so to extend their circuit, and increase their numbers, that they were subsequently able to comprise within their walls nearly the whole academical population, though, previously to the 15th century, these endowed establishments appear to have rarely, if ever, admitted independent members. (See Edin. Review, Ilii. 411.) In 1546, the number of halls had fallen to only eight; and Antony Wood informs us that in 1551 the ancient halls were "either laid waste, or had become the receptacles of poor religious people, turned out of their cloisters." Hany of these buildings were purchased by the colleges, which were thus considerably extended, and began to provide for the accommodation of members soo os the foundation. Six colleges were founded in the 16th century, chiefly on the sites of old halls or deserted houses. After this period, see fresh college (Wadham) was founded; and 3 out of the 8 surriving halls (namely, Broadgates, Gloucaster, and Hert halls) were changed, by endowment, into Penbroke, Worcester, and Hertford colleges, of which, however, the last is now extinct. The Earl of Leicester, chancellor of Oxford during the relgn of Elizabeth, obtained from the university the privilege of nominating the principals of the halls; and this right, which was, in effect, a veto on the institution of new halls, was vested by statuet in his successors. Of the 8ve still existing halls, Magdalen and St. Edmund's are the best attended by students; and they are the only examples in the country of unendowed academical houses; for the establishments called halls at Cambridge differ in no respect from the c Oxford, with the dates of their foundation, and the number of foundation-members, independent members, &c. in 1841. (See Mr. Malden's valuable little work On the Origin of Universities, pp. 80-92.) [See Table, next

The buildings belonging to all or most of these so-cieties, are of great extent and beauty. Christ-church, New College, All-souls, Magdalen, and Queen's Colleges, are very large, comprising several quadrangies, and lay

al Halls.	Date of Foundation.	Founders.	Visitors.	ers. Details of Foundation.		In 1841
			·	Detail of Foundation.	M.A.	Total
	872 ? 1249	King Alfred and Wil- liem of Durham.	The Crown.	A masser, 15 fellows, 2 tra- velling fellows, 17 scholars (6 open), and 4 exhibition- ers: 10 benefices	} 119	136
	1966 7	John Baliel, father of John Baliel, king of Scotland.	The Archbishep of Canterbury (elected by the	ers: 10 benefices A mester, 12 fellows, and 14 scholars (all open); several exhibitions for natives of Scotland, 20 benefices	} 151	236
	1964	Waiter De Merten, Bishop of Rechester, who removed it from Maiden in Surrey, in 1968.	(elected by the College). The Archbishep of Camterbury.	Scotland. 20 benefices A warden, 24 fellows, 14 post- masters (portioniste), 2chap- lains, and 2 hibio-cierhs: 18 benefices	70	149
originally Stapledon	1314	1968. Walter De Stapledon, Bishop of Rechester.	The Bishop of Exeter.	A rector, 25 fellows, 19 scho- lars (3 open): 12 benefices -	} } 150	346
: : :	1396	Edward II., at the sug-	The Crown.	A provost, 18 fellows, and 17	168	325
	1340	Edward II., at the sug- gestion of Adam De Breuse, his almoser. R. Eggianfield, confessor to Philippa, consert of Edward III.	The Archbishop of York.	benefices A provost, 12 fellows, and 6 schelars on the old found- ation; 8 fellows, 4 scholars, and 4 exhibitioners (all open), on the Muchel found-	190	305
	1366	William of Wyksham, Bishop of Rochester, founder of Winches- ter School.	The Bishop of Winchester.	A warden, 70 fellows and acholars, 10 chaptains, 3 bible-clerks, and 16 chaptains	} { 76	156
• • •	1427	of Lincoln.	The Bishop of Lincoln.	lars, 12 exhibitioners, on Lord Crewe's foundation : 10	$\begin{cases} n \end{cases}$	151
	1437	Henry Chichele, Arch- bishop of Canterbury.	The Archbishop of Canterbury.	A warden, 40 fellows, 2 chap- lains, and 4 bible-clerks	} 85	107
' ' '	1456	Henry Chichele, Arch- bishop of Canterbury. William of Waynfeet, Bishop of Wincheser and Lord Chancellor of England.	Winchester.	A president, 40 fellows, 30 scholars, called demics, 2 schoolmasters, 4 chaplain.	136	176
ose College og's Hall -	1509	William Smith, Bishop of Lincoln, and Sir R. Sutton of Prestbury, in Cheshire.	The Rishop of Lincoln.	b bible-cierks, and 16 charisters: 38 benefices A principal, 20 feilows, 17 scholars, 2 bible-clerks, and 15 schibitioners, on a separate foundation by W. Hulme: 42 benefices A president, 20 feilows, 30	223	399
harieti -	1516	Richard Fox, Bishop of Winchester, and Lord Privy Seal. Cardinal Wolsey: King Henry VIII. refound-	The Bp. of Win- chaster.	A president, 20 fellows, 20 scholars, 2 chaplains, and 4	92	127
march -	1525 and 1632	Cardinal Wolsey: King Henry VIII. refound- ed it and gave it the name of Henry VIII.'s College. It was made a cathedral church in 1545.	The Crown and Chancellor of the University.	Nume: 42 benefices, 30 A president, 20 fellows, 30 scholars, 2 chaplains, and 4 schishtoners; 22 benefices A desu, 5 casons, 101 student, 8 chaplains, 8 bible-clerks, and 8 choristers; 91 benefices	509	914
	1554	SirThomas Pope of TR - tenhanger, in Hert-	The Bp. of Win- chester.	A president, 12 fellows, and 18 scholars (all open): 9 bene-	122	254
• • •	1558	fordshire. Sir Thomas White, alderman of Lendon, and founder of Merchant-Tallors' School.	Ditte.	fices A president, 50 fellows and acholars, 1 chaptain, 2 hible clerks, 6 singing men, and 6 choraters: 29 benefices	136	250
• • •	1571	Queen Elizabeth, on the endowment of Dr. Price.	The Earl of Pem- broke (heredi-	A principal, 19 fellows, and 18 scholars, all natives of Wales: 25 benefices	} } 55	135
	1618	Nicholes Wadham of Thinfield, in Somer- setahire, and Dorothy his wife.	tary). The Bp. of Bath and Wells.	Wales: 25 benefices A warden, 15 fellows, and 15 scholars (all open), 10 eshibitioners on Dr. Hody's foundation, 2 chaplains, and 1 bible-cierks: 9 benefica A master, 14 fellows, and 29 scholars or schibitioners.	96	267
	1694	Thomas Tesdale, and Richard Wightwick,	The Chancellor of the University.		} } }	180
	1714	B.D. Sir Thomas Cookes of Bentley, in Worces- terahire.	The Sps. of Ox- ford and Wor- cester, and the Vice Chancellor	benefices A provost, 21 fellows, 16 scholars, 3 exhibitioners, and 2 hibie-clerks: 8 benefices	113	247
y Hall .	1533 1487	Oriel College. Bishop Waynfleet, the founder of Magd. Col-	of Oxford. The Chancellor	None	925 40	74 178
n Hali -	1592	William of Wykeham,	of Oxford, who appoints the Principals.	Nome	4	84
nn Hall • nund Hall •	1547 1969 and 1559	College, Merton College, The Canona of Oney: afterwards William Denyer, provest of Queen bCollege, which society has the ap- pointment of the Prin-	The Provest of Queen's College.	None	8 52	26 99
ilegus, }		pointment of the Prin- cipal.	}		2,799	8,515

(Oxford Calendar for 1841; and Chalmers's History of the Colleges and Halls of Oxford.)

considerable architectural elegance. The liand dhing-halls of these establishments are on a
ale, and the rooms within the colleges are capable
amount of the great number of its fine academs,
is, has a very imposing appearance when seen
are art addistance; and it has been not inspirely called a city of palaces, vying in external
real beautiful with the finest cities.

college, as in Cambridge, is governed by its own;
and its principal or bead must, in most case,
if and its principal or bead must, in most case,
if and its principal or bead must, in most case,
if and its principal or bead must, in most case,
in the principal and senior fellows (technically
in the principal and senior fellows (technically

11.

Most of the colleges have exhibitioners, or students, receiving annual allowances from charities held in trust by the fellows, by city companies, trustees of schools, &c.; and at Christchurch there are servitors, an inferior class of students, somewhat resembling the sixers of Cambridge. All Souis' College has no undergraduate members, except its bible-clerks, and cannot be considered as an establishment for education, though it has 40 fellows, bene nati, bene vestiti, et in arte cantants mediocriter docti. New College is connected with Winchester School, which owes its origin to the same founder, and, like King's College, Cambridge, has little connexion with the rest of the University; but it has not, like the last-named college, the privilege of examining its own members for academical degrees. Residence in college, which, at Cambridge, is to a certain degree optional, is compulsory at Oxford on allunder-graduates who have not passed their examination for the B. A. degr.; and hence the out-college men at Oxford comprise the senior, not the junior portion of the academic population. Attesdance at chapel and the tutor's lectures is enjoined on each student, and omissions in either case are visited by impositions, rustication (temporary banishment), and other penalities. At the end of each term, also, examinations are held within the colleges on the subjects of the tutor's lectures: these trials (called collections) have no necessary connexion with the public examinations, though they in some measure familiarise the student with the method pursued in the Academic schools. With respect to college lectures, however, it seems to be agenerally received, and, we are inclined to think, a well-founded opinion, that, as at present conducted, they confer but little benefit on the student; who is indebted for his degree and distinction, should he acquire any, almost entirely to his own exertions, or to the assistance of a tutor, procured at an expense of from 50t. to 70t. a year. The degree of attainment requisite for pas of England, the act of supremacy, and certain sections of the University statutes; and hence Oxford is exclusively resorted to by parties professing the established religion; whereas, at Cambridge, the education furnished by the University, though not the degrees, may be participated in by all parties, dissenters as well as churchmen

churchmen.

There are at Oxford four terms in each year, two of which (Michaelmas and Hilary terms) last nine, and two others (Easter and Trinity terms) last from three to four weeks each. By statute, however, the two first mentioned terms may be kept by six weeks' residence, and the two latter by three weeks each; though by those who have taken the first degree in arts, or have passed the examination for that degree (having previously resided 12 terms), any term may be kept by a residence of three weeks. Sistem terms occupying the same time as the twelve terms, at Cambridge) are required for the degree of B. A. from all, except the sons of British and Irish peers, baronets, knights, and their sons, if so endered is the University books; but of these the term of matriculation is reckoned as one, the day of admission to the degree as another, and two others day of admission to the degree as another, and two others are dispensed with by a regular order of the governing body; so that, in fact, a residence of 12 terms in Oxford, as of 9 terms in Cambridge, is all that is necessary for the B. A. degree. The examinations for this, the lowest as of 9 terms in Cambridge, is all that is necessary for the B. A. degree. The examinations for this, the lowest degree, are conducted in a large square building, known as "the schools," and consist of two trials, the first, or preliminary examination, called the little-go, or responsions, and the second the examination for the B. A. degree, both under masters of arts appointed by the vice-chancellor and proctors. There are seven public examiners of candidates for the B. A. degree, and three examiners of candidates for the B. A. degree, and three examiners of the little-go examination, which commonly takes place at the completion of the eighth term from matriculation, comprises a mere grammatical and elematriculation, comprises a mere grammatical and elementary examination, offering few impediments except to the dullest or cilest students. To have failed in this examination is, in Oxford phraseology, said to have been plucked; and three successive failures are considered as slucked; and three successive insures are counsers or transmount to a disqualification from further university pursuits. The next examination, or that for the degree of B.A., is the last to which the student is subject during his probationary residence: the lowest acquireduring his probationary residence: the lowest acquire-ments for the degree comprise a knowledge of the rudi-ments of religion, sacred history, the doctrines of the thirty-nine articles, the litera knowniors, including, at least, two works of Latin and two of Greek au-thors, (usually Herodotus or Thucydides, with a few Greek plays, and portions of Livy or Tacitus, with

Virgil or Horace,) with a fair knowledge either of Aldrich's Logic or Euclid's Elements. For honoura, however, for which, since 1830, there have been four instead of three classes as previously,) a very extended course of reading is necessary; the number of classical works on the candidate's list (each being compelled to course of reading is necessary; the number of classical works on the candidate's list (each being compelled to send in an account of them) often amounts to twelve or sixteen, of which Aristotle's Ethics and Restorics commonly form two; and the amount of historical and metaphysical knowledge requisite for the honourable distinction of a first-class men is so great as to require intense labour during the three years' probation. It has been alleged, however, that the edocation of first-class men at Oxford is more extensive than solid, owing to its not being bottomed on any sound philological basis; but it may be doubted whether there be any good foundation for this statement. Classics are the favourite studies of the under-graduates, and till recently the pursuit of physical science was, if not discouraged, at least not encouraged. Hence mathematica for the B. A. degree; but for the honours is disciplinas machematicis et physicis an amount of knowledge is required, varying from that of pure mathematics, (including differential equations,) to a somewhat extended acquaintance with physics, astronomy, &c. The highest mathematical degrees, however, may be generally obtained by persons of less statiments than the orranglers of Cambridge. (See Prof. B. Powellom & State of Mathems. Studies in the Usiv. of Oxford; Lowrs. of Education, vil. 46.; and Stat. Account of the Brit. Empire, vol. ii.) Of those members who, during the last six years, have taken the degree of B. A., the passmen (those not ambitious of honours) have averaged at each xamination about 100, those receiving honours in classics, 78, and in mathematics and the state of the state of the state of honours in classics, 78, and in mathematics of the first few of the students aim at distinction of honours) have averaged at each examination about 100, those receiving honours in classics, 78, and in mathematics only 18. A few of the students aim at distinction both in classics and mathematics; and there are occasional instances of men having attained a souble first-class, the highest honour that the University can bestow. The examinations for the degrees are held twice a year, during the Easter and Michaelmas terms, and last about three days. A large part of the examination is now carried on by written questions and answers, the oral examination being principally confined to theorations.

The annual prizes of the University, which are subjects.

logy. About 300 students pass at each of these examinations.

The annual prizes of the University, which are subjects of considerable competition among those in statu pengli-lari, comprise three of 204, each, given by the chancellor for the best compositions in Latin verse, Latin prose, and English prose; the first being confined to endergraduates, and the others to those who have exceeded four, but not completed seven years. Sir Roger Newdigate, in 1808, left property for an annual prize for English verses on ancient sculpture, painting, or architecture, confined to under-graduates; a prize of 20 guineas was founded, in 1828, by Dr. Ellerton, for the best English essay, by bachelors of arts, on the doctrine or duties of religion; and two other theological prizes of 204, each were founded by Mrs. Denyer, in 1836, for the best discourses written on selected subjects by clerical members of the University under the standing of 10 years. The University has likewise several public scholarships. The principal of these are the Vinerian scholarship and fellowship, five Craven scholarships for under-graduates, and the standarships of 304 a ware arch, established by Desc. University has likewise several public scholarships. The principal of these are the Vinerian scholarships and feliowship, five Craven scholarships for under-graduates, four scholarships of 300. a year each, established by Dean Ireland, and tenable for four years, the Boden scholarships for the encouragement of Sanscrit literature, three mathematical scholarships for scholarships for scholarships for proficients in the liebrew language, and the Eldon scholarships of 300. a year, tenable for three years by bachelors of arts studying the profession of the law. Several scholarships have, also, within the last few years, been established with the view of encouraging mathematical studies; and they are usually bed by those who have attained honours in the mathematical schools of the University. These prises and scholarships are contested for with great spirit, and the louiders of them are usually among the ablest of those is status pupillari. The prise compositions are most cases recited in the Academical or Sheldon theatre, at the Commemoration or Act held in Trinity term for conferring honorary degrees. After the degree of B. A. has been taken, there are no further examinations except for degrees in medicine; but certain exercises, now merely nominal, are performed in the schoola, and the candidate must have had his name on the books of some college or hall for a certain number of terms, during some of which also he must reside in Oxford. Sulpioned is a summary of the different periods at which the several degrees, &c., may be acquired in the course of a student at Oxford:—

B. A. 16 terms 12 in residence.

M. A. 28 — 13 or one after B.A.

B. A. M. A. B. C. L. B. M. B. D. 16 terms 12 in residence. 28 — 28 — 28 — 56 — 13 or one after B.A. s, or one after B.A. but usually honorary.

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[us.] chiefly honorary, but dependent on the fus.] performance of a mestcal exercise, ers in the different colleges rank as follows:
uda, or principals, most of whom are D.D. 2.
s, D.D., M.A., or B.A. 3. Noblemen who have 4. Graduate members not on the foundation. graduate noblemen. 6. Gentlemen-commonstibulems 3. Commonser 6. Bible clashes as holers. 3. Commoners. 9. Bible-clerks and

ences of academical residence vary greatly ac-the taste and habits of the student; but about r may be assumed as the average outgoings of conomical commoners, and an additional ex-M. a year is incurred by those who engage the a private tutor. The payments to the college tuition, &c., are usually called battels, and in f commoners range from 70% to 90% a year; of nohlemen and gentlemen-commoners are of noblemen and gentlemen-commoners are erably higher scale, and their annual expences

uently much greater.
niversity of Oxford is governed, as before the Cerpus statusorum, drawn up by Arch.

d. The highest officer is the chancellor, anited for 3 years, but since 1434 for life. This

ever, as well as that of the high steward or ever, as well as that of the high steward or is little more than an hosorary dignity con-some distinguished nobleman; and the chan-ties are ordinarily performed by the vice-who is, in fact, the supreme executive and thority resident in the university. He is an-ected by the chancellor from the heads of ected by the chancellor from the heads of approved by convocation; but in practice sheld for 4 years, and 4 deputies are appointed, vice-chancellors, to take the duties of the se of the vice-chancellor's absence or illness. ors (two masters of arts, of at least 4 and not 10 years standing) are the conservators of the discipline of the university; they rank next to appeal or and have an extensive rules luris. 10 years standing) are the conservators of the discipline of the university; they rank next to ancellor, and have an extensive police juristrate town. They are assisted in their duties—proctors, and have at their command a large ry force. They are annually nominated by a, each college taking its turn, according to a l by the statutes. The business of the units corporate capacity, is transacted by the d masters at large, in two distinct assemblies, pregations and convocations. The former conents either necessary or as placitum, including octors, heads of houses, professors and tutors i, its business being chiefly confined to the degrees and disponsations: the vice-chananegative on its proceedings, and the proctors have the same privilege. Convocation is the assembly of the university, comprising all d masters resident or not, whose names are oks of a college or hall; and its business is extending to all subjects affecting the credit, of welfare of the corporate body. The standwelfare of the corporate body. extending to all subjects affecting the credit, and welfare of the corporate body. The staever, cannot be altered, nor any new laws be
leftered to the state of the corporate between the state of the vice-chancellor, proctors, and
houses, who, if they approve of the measure,
terms in which it must be promulgated in
in. The hebdomadal meeting was first institional of Charles. e reign of Charles I.

is. The hebdomsdal meeting was first instiie reign of Charles I.

ilie professorship of Oxford are of 2 classes,
blished by royal foundation, and those supprivate endowment. The regula-professorivinity, civil law, medicine, Greek, and Here founded by Henry VIII., and canonries in
rch cathedral are attached to the chairs of
of Hebrew. George I. also founded a regluship of modern history in 1724, which was conGeorge II. in 1728. There is also, as at Cammargaret-professor of divinity. The other
hips are, 1. of natural philosophy, founded by
edley, in 1618; 2. geometry and astronomy,
d by Sir H. Savile; 3. moral philosophy, by
y, in 1621; 4. ancient history, by W. Camden, in
astomy, in 1626; 6. Arabic, by Archbishop Laud,
botany, in 1626; 6. Arabic, by Archbishop Laud,
botany, in 1627; 8. poetry, in 1708; 9. Anglo11750; 10. common law, by Charles Viner, in
clinical medicine, in 1772; 12, 13, 14. anatomy,
of medicine, and chemistry, by Dr. Aldrich, in
political economy, in 1826; and, 16. Sanscrit, by
loden, in 1830. There are also lectureships or
so of Arabic, anatomy, experimental philosoeralogy, and geology; there being, in all, 28
i or readers.

tures are delivered either in the public schools,
building near them, formerly the university
office. An edifice, however, is in course of erecfunds for which are provided by the munificent
of the late Michael Angelo Taylor: it will be,

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when completed, one of the finest buildings belonging to the university, and will comprise several large lecturing theatres for the professors, besides a noble picture-gallery for the reception of the numerous portraits and other pictures belonging to the university.

The public orator, who delivers the Crewelan oration alternately with the professor of poetry, is chosen by convocation; and his office is to write public letters and make addresses on grand occasions in the name of the university. The archives are kept by a registrar, elected also by convocation; this office was first established in 1634. The Clarendon press is superintended by delegates, of whom the vice-chancellor and proctors form 3 as a fifted; the rest are heads of houses. The present building, opened in 1829, is of great extent, the bible department is on a magnificent scale, and the editions of department is on a magnificent scale, and the editions of classical and other works printed at this establishment are celebrated both for beauty and accuracy. The Bod-perity of the university, and its affairs are regulated by the vice-chancellor, proctors, and the five regit professors, its officers being a librarian, 2 under-librarians, and 2 assistants. It has received many valuable additions from the libraries of Selden, Archbishop Land, Bishop Tanner, Browne Willis, Hearne, Gough, Malone, &c.; and it now comprises, exclusive of about 300,000 printed books, a great number of valuable MSS.; it is entitled, also, to a copy of all new works published in the United Kingdom. department is on a magnificent scale, and the editions of opy of all new works published in the United Kingdom. It is said, however, to be of less utility than might have been supposed. Owing to a justifiable apprehension of It is said, however, to be of less utility than might have been supposed. Owing to a justifiable apprehension of fire, the library is very load quartely warned, and is very monifortable in winter; and the books are not allowed to be removed from the library. But though this be a very proper regulation as respects the rare and more valuable works, all the more common works might be lest out here as in Edinburgh, on lodging a deposit equal to their value, without any loss to the library, and with very great advantage to the students. The Eadcliffe library, founded by Dr. Radcliffe, in 1718, and erected at an expense of 40,000. is under private trustees, and has little or no connection with the university. The books in this collection are principally on medicine and natural history. An observatory was erected in 1772, out of the funds left by the same munificent individual, and the observer (commonly the Savilian professor of astronomy) is appointed by the Radcliffe trustees. The Ashmolean museum was built in 1883, for the accommodation of a rich collection of natural objects and articles of virtù, brought together by Blias Ashmole: large additions are annually made to it; and in the department of natural nistory, this museum is inferior only to the British Museum, and that of the Zoological Society. It is under the care of official visiters, appointed by Ashmole's will.

The few remarks we ventured to make under the will

will.

The few remarks we ventured to make, under the article Cambridge, on the system of education followed in that university, apply with little variation to Oxford. This, like its sister institution, is essentially a scholastic establishment, and is well fitted to make good Greek and Latin scholars, and perhaps good divines. But it is obviously quite unsuitable, as a place of instruction, for the Elite of the youth of such a country as this. It must be entirely changed before it either send forth legislators capable of appreciating the various interests of this vast empire, or individuals capable of promoting and extending those manufacturing and commercial pursuits, to the success of which we are mainly indebted for our unparalleled increase in wealth and population. (N.B. Bee last paragraph of article on Cambridge (University of 1).

The university of Oxford received, in 1603, the privilege of sending 2 representatives to the H. of C.; the right of election is vested in the vice-chancellor, doctors. right of election is vested in the vice-challectior, doctors, and other members of convocation, of whom there were in 1849-50, 3,195. (Gutch's ed. of Wood's Antiquities of the University of Oxford; Ackerman's Illustrat, Hist. of Oxford, 3 vols.; Ingram's Memorials of Oxford, 3 vols.; Oxford Calendar; and Prieate Information.)

OXUS (called by the natives Aboo or Jiboux), a river central state flowing measured through the territories.

OXUS (called by the natives Assoo or Jingon), a river of central Asia, flowing westward through the territories of Budukshan, Kunduz, Bokhara, Kintya, &c., into the Aral Sea, and extending between long, 56° and 74° E., estimated length, 1,300 m. This great river was, in 1838, traced up to its source by Lieut. Wood, who ascertained that it rises in the mountain lake of Siri-kol, within the district of Pamir, lat. 37° 27' N., long. 73° 40° E., at an elevation of 15,600 ft. above the sea. (Wood's Journey to the Oxus, p. 354.) Its course hence is S.W. for about 70 m. to Langer Kish, where it turos westward. In long. 71° 40°, it passes the ruby mines of Buduksham, near the town of Iskhaum, and is deflected northward by a large offset of the Western Himalaya chain. After another turn southward, its course is pretty regularly W.N. W. through extensive plains, and at the point where Sir A. Burn's crossed it on his way to Bokhara, he found it to be upwards of 800 yards in width, about 20 ft. in depth, with muddy waters, and a current of about 3½ m. an bour,

and from Kharjoo downwards, for 200 m., it is made available for commercial communication. (Burnes' Travets, 1: 214., and Geog. Journal, iv. 309.) The river passes about 20 m. N.E. Khiva, which is situated in a verdant plain, irrigated by numerous canals supplied from its waters. It forms at its mouth a pretty extensive delta, the apex of which is about 50 m. from its principal and only navigable embouchure in the Aral Sea, the breadth of coast from the W. to the E. mouth being about 45 m. The Oxus has numerous tributaries; few of which, however, have been satisfactorily explored. A large river, called the Kokcha, rises in the Hindoo-Koosh, near the elebrated lapis-laxuil mines of Budukshan, and, flowing N.W., joins it at Kilapack on the S. bank. About 75 m. lower its waters are further augmented by the Ghori, an important stream rising in the Hindoo-Koosh, near the celebrated pass of Bamian, and having a general direction northward, passing in its course the large cities of Ghori and Kundus. The only other affluent explored by Europeans is the Kulm, partly traced by Moorcroft, and Joining the Oxus on its S. side, about 30 m. below in from the N. bank, bringing considerable volumes of water; but their extent is almost wholly unknown. The Oxus, according to Moorcroft, begins to rise in April, and remains full till July, when it again fails. When at its height it inundates the plain on either side, but especially on the right bank, the extent of the floods being marked by a belt of sedge, weeds, &c., and then by a thick jungle of dwarf trees and brushwood. (Moorcroft sand Trebeck's Trawels, ii. 498.) els, ii. 498.)

of dwarf trees and brushwood. (Moorcroft and Trebeck's Transts, it. 498.)

The Oxus, regarded by some critics as the Araxes mentioned by Herodotus as flowing through the territories of the Massagetæ (i. 201—205.; iv. 11.), was supposed by Strabo and Ptolemy to fall into the Caspian; and the traces of a valley, nearly resembling the dry bed of a river, have induced some modern geographers to adopt the opinion, that in the course of ages the Oxus formed for itself a new channel, running into the Aral Sea. But, however confused our information respecting this river, it undoubtedly formed the boundary line between the more civilised and settled nations of W. Asia and the wandering hordes of Tartary. The Oxus was the northern limit of the territories subdued by Cyrus and Alexander, and it seems to have been used, at a very early period, as a channel for commercial intercourse between India and the countries bordering on the Caspian and Euxine. The Ochus is mentioned by Strabo as one of its principal affluents; but his account is inconsistent, and unworthy of credit. (Strabo, xi.)

PACIFIC OCEAN (THE), a vast expanse of water, extending between Asia and America, (sometimes, though improperly, called the SOUTH SEA,) and covering a large portion of the surface of the globe. Its extreme S. limit is the Antarctic circle, from which it stretches northward through 132 degrees of lat. to Behring's Straits, which separate it from the Arctic Ocean. Its greatest breadth from B. to W., measured along the equator, is about 10,100 m. Its shape is very irregular; but it becomes gradually narrower, as it extends northward, till at length the sea of Kamtschatka has a breadth of only 170 m. The American coast is pretty uniform, though high and bold, presenting the long range of the Andes close down to the shore. Its chief indentations are the Gulph of California and Bay of Panama; besides which, high and bold, presenting the long range of the Andes close down to the shore. Its chief indentations are the Gulph of California and Bay of Panama; besides which, at the N. and S. extremities, it is broken and rugged, forming numerous islands and flords, similar to those of other high latitudes. The coast-line of Asia, on the contrary, is extremely irregular, formed into deep bays, and subdivided by groups of islands into separate gulphs or seas, as the sea of Okhotak, separating Kamtschatka from Siberia, the channel of Tartary dividing Saghalien from the main land, and the Yellow Sea separating the peninsula of Corea from China; besides which numerous straits are formed between the islands of the Asiatic archipelago, as the Straits of Sunda, between Sumatra and Java; the Straits of Macassar, between Sumatra and Java; the Straits of Macassar, between Borneo and Cebee; Torres Straits, between New Gulnea and Australia; Bass's Strait, between Australia and Van Diemen's Land, &c. The equator divides this vast expanse of water into the two grand portions of the N. and S. Pacific Oceans, both being remarkable for the numerous groups of small coralline and volcanic islands with which they are studded, and which constitute a separate portion of the world, entitled Polymasia, to which the reader is referred for further particulars. These numerous slands forms several archipelagos, in which are reefs and sandhanks, that render the navigation extremely difficult and dangerous. The reefs are sometimes of great ex-

tent, stretching from island to island, upwards of 600 m. Earthquakes are felt in most of the islands; and all the archipelagos seem to be the seat of extensive volcanic action. (Lyell's Geology, iii. 286—299.)

The general motion of the Pacific Ocean is from W.

The general motion of the Pacific Ocean is from Wto E., or from the coast of America to that of Asia; and
this movement is very powerful in the vast and unfaterrupted extent of its waters, though it gradually decreases as it approaches the shores of Asia, while its
temperature increases: its average volocity is stated by
Capt. Beschey to be about 28 m. a day. (Geog. Journal,
1. 310.) Near Cape Corrientes, in Colombia, the sea,
owing to this cause, appears to flow constantly from
the land; and from Acapulco, in Mexico, shipe are
carried with great celerity to the Philippine Islands.
In returning, however, it is found advisable to take a
course N. of the tropics, in order to have the advantage
of the variable winds and polar currents, as well as of a
counter-current, which sets eastward in about lat. 10°
N. In the S. Pacific, the Polar currents being less
interrupted by land, proceed with less deviation from
their general course than those in the N. beanisphere; and
carry icebergs nearer to the tropical regions than
is usual N. of the equator. The equatorial current,
as it approaches the shores of Asia, is interrupted and
broken by the vast chain of islands, shoals, and submarine banks, which stretch from Chia to New Zealand. The general direction is changed and modified
by the form of these lands, and the vast mass of New
Holland is one cause of those dangerous currents
around its shores, noticed by Cook, La Perouse, and
Flinders. A current, also, sets eastward in the tat. of
the Japanese listands, but turns northward about 150 m.
from the shore, and probably joins the stream that runs
N.N.E. through Behring's Brrait; bedies which recreasort the year. The N.E. trade wind prevails retinterruptedly between lat. 5° and 30° N.; and, with the
currents, enable vessels to sail from America to Asia with
great rapidity, and almost without changing the sails.
The S.E. trade wind, which is not met with near the Amerrican coast, varies in its extent at different seasons; but
it commonly prevail between the e

PADERBORN.

ian, in consequence of the prosperous weather with ich he met while navigating its surface, was not you to the ancients, nor was the existence of so vast ocean at all suspected by Europeans, till, in 1813, sco de Balboa beheld it from the summit of the mounts near the Isthmus of Panama. Magellan traversed from America to Asia in 1821, and at the close of the tecentury, Sir Francis Drake explored a great portion in W. coast of America, in the view of ascertaining ether this ocean had any other communications with Atlantic than by the Straits of Magellan and round be Horn. The Pacific was pretty extensively exceed using the 18th century; and to the observations Behring, Anson, Byron, Bongainville, Cooke, Vanver, Broughton, and La Pérouse, we are principally beted for the grand outlines of our best maps of this an. These navigators have been succeeded in the sent century by Entrecasteaux, Krusenstern, Beechey, troy, Bennett, &c., and means are now provided for formation of a pretty accurate chart of this sea so kly studded with rocts and islands. Meanwhile the recourse of the islanders with Europeans, and the rts of European missionaries, have introduced among e of them the arts of civilised life; trade has gradually medel itself along the American, and very recently lew Zealand, the British have established numerous very Sourishing colonies. For particulars respecting trade of its various ports, the reader is referred to articles Mamilla, Canton, and Nanoasaki, on coast of Asia; to Acapulco, Panama, Guanague, gr. and iii., Zuito, Valraatiso on the W. side of America; and VDNRY, and Zealand (New) in Australia. (Malla-N's Geog. i. and iii., Diet. Goog.; Hall'e S. America, ii. Appendix; Geog. Journal, 1. 193—222.; Bennett's iting Yoyage, gc.)

ADA N.G., See SUMATRA.

ADERBORN, a town of Prussian Westphalia, reg. den, cap. cit. at the source of the Pader, a tributary he Lippe, 32 m. E.S.E. Munster. Pop., in 1846, 1, principally R. Catholies. It is walled, its tolerably built, and has a good cathedral and

and it said to have made it his nead-quarters gh is wars with the Saxons. It was the temporary lence of several succeeding emperors, and the palace occupied still exists. Paderborn was subsequently of the Hanse towns. In 1622 it was taken and pile by the Duke of Brunswick; and in 1602 it was and to Prussia. (Berghaus; Dict. Grog., &c.) 101HAM, a town and chapelry of England, par. of liey, co. Lancaster, and upper div. of hund. Black., on the Calder, a tributary of the Ribble, 154 m. reston. Area of township, 1,700 acres: pop., in 841, . The town, though small, is respectably built, and appearance of considerable activity. The church, rdinate to that of Whalley, was rebuilt in 1766; but dower, built at the close of the 15th century, is still ining. The Wesleyan Methodists and Unitarians their respective places of worship; Sunday-schools stablished. The inhab. are principally employed in nanufacture of cotton goods. A market once held has been for some years discontinued. Fairs, 8th and 86th Sept.

has been for some years discontinued. Fairs, 8th and 26th Sept.

DSTOW (corrupted from Patrickstose), a seamarket-town, and par. of England, co. Cornwall, nund. Pyder, on the W. side of the zestuary of the el, 11 m. N. Bodmin, and 220 m. W. by 8. ion. Area of par., 3.70 acres: pop., in 1841,2,145. town, which is situated in a richly cultivated vale, ered by bold rocks and hills, has been considerably oved by the erection of new houses; but the streets nconveniently narrow, and many of the buildings intiquated. The church is in the perpendicular: the living is a vicarage in the patronage of the deliants of Dr. Prideaux, the learned author of the us historical work on the "Connection" of the Old New Testaments, a native of the town, where he sorn in 1648. The Wesleyan Methodists have also a of worship, and there are 2 Sunday-schools, bear small endowed national school. Facing the are good quays and a custom-house, the gross int of customs duty in 1840 being 2,018. The ene to the harbour is between Stepper Point, on the md Pentire Point, on the E., close to the former. passage is narrow, and rather difficult, especially N.W. winds: it has from 13 to 18 ft. water at gebts. This is the only harbour between the s End and Hartland Point. (Pardy's Satting Disage of the control of the

112 vessels, of the aggregate burden of 7,984 tons, be-longed to the port. The town was incorporated by Queen Elizabeth, but the charter has lapsed by deruc-

PADUA (Ral. Padova, an. Patavium), a city of Austrian Italy, gov. Venice, cap. deleg. of its own name, in a low and rather marshy situation, between the Brenta In a low and rather marshy situation, between the Brenta and Bacchiglione, at the termination of the canal of Monselice, 24 m. W. Venice; lat. 45° 24′ 7″ N., long. 11° 52′ 15″ E. Pop. circa, 45,000. (Austrian Energe.) It is of a triangular shape, is surrounded with walls and a broad ditch, and intersected by canals. Mr. Rose speaks very slightingly of Padua, and represents it as a city which, beyond all others, disappoints the expectations of the traveller. (Letters, i. 51.) It is, certainly, dull, damp, and gleoner, having numerous arrows diere. dull, damp, and gloomy, having numerous narrow, dirty, monotonous streets, bordered by areades, without any leading thoroughfare; there are three or four squares or open spaces, which, however, are all of very limited dimensions, excepting the Prato della Valle, the principal public properties. pal public promenade. This, which occupies what was core a marsh, bears some resemblance to a London Square, but the interior is differently laid out: being surrounded by a circular stream of running water, the banks of which are fringed with a double row of statues banks of which are fringed with a double row of statues representing distinguished natives of Padua. The houses, though old, are generally well built and lofty. The principal public buildings are the churches, of which there are said to be nearly 100. The cathedral, a large brick edifice of Grechan architecture, was intended to have a stone front, which, however, has not yet been built. There is in it little remarkable; except a monument to Petrarch, his portrait, and some Madonnas, one of which is by Tilian. The church of St. Anthony, begun in 1259 and finished in 1424, 326 ft. in length by 160 ft. in width, is a vast ugly pile, exhibiting 7 domes, a small octagonal tower above the gable of the front. 2 high octagonal towers, near the choir, and a lofty cone in the centre surmounted by an angel. (Wood's Letters of my Architect, i. 246.) The splendid shrine of the saint, with mezzo-reliefs in white mattle; and 2 fine bronze pannels, are the principal objects of interest within. The church of S. Giustina, begun and finished during the lifth century, is parly modelled on the foregoing, but is the lifth century, is parly modelled on the foregoing, but is by Riccio, are the principal objects of interest within. The church of S. Giustina, begun and finished during the lith century, is partly modelled on the foregoing, but is far handsomer. It is of brick, 367 ft. in length, by 252 ft. in the transept, and 82 ft. in height inside. It was built from a design by Palladio; its interior is generally admired. Forsyth say, "it is rich in the bones of 3,000 saints, and the disputed bodies of two aposties;" and it possesses a less questionable, if not so precious a reliet, in a fine painting of Paul Veronese. The Benedictine Abbey, to which this church was attached, is now converted into a barrack. The churches of the Eremitani; he Annunistata, with some fine frescos by Giotto; is Madre dolente; S. Gaetano, &c., have all valuable works of art, or are remarkable for their architecture. The Palace of Justice, or town-hall, is one of the most striking edifices in Padua; it has a saloon, 756 ft. in length, 86 in breadth, and 75 in height, being one of the largest in Europe, unsupported by columns. The roof is of dark carved wood, shaped like a reversed keel, and sustained by a number of Iron ties. Thie walls are ornamented with frescoes, originally the work of Glotto. In the hall is a monument in honour of Livy, a native of Padua; and at the entrance are two hasalt statues, brought from Egypt by Belzoni, who also belonged to the city. The tower of Ezzelia, still used as an observatory; the cheatre, the museum of antiquities, &c.; the mayor's, and everal other official and private palaces; the coff Pedroc-Ohi, one of the oldest and best establishments of its kind in Europe; several good hotels; and the university buildeveral other official and private palaces; the cafe Prepro-chi, one of the oldest and best establishments of its kind in Europe; several good hotels; and the university build-ings, are among the most conspicuous of the remaining public edifices; but, according to Mr. Woods, the last mentioned structure hardly surpasses mediocrity. The university of Padua, founded in the 18th century, was in the height of its popularity during the 15th and

was in the height of its popularity during the 15th and 16th centuries, when it was not only frequented by wast numbers of students from all parts of Europe, but even by some from Mohammedan countries. Its medical school was particularly celebrated. Fallopius, Fabricius ab Aquapendente, Morgagui, &c. have been among its medical teachers *; and Gallieo, Gugileimini, &c. among its professors of philosophy. Daote, Petrarch, and Tassowere of the number of its pupils. Harvey took his doctor's degree here in 1602, Evelyn also studied here in 1645, and it was resorted to by many other distinguished foreigners. Defects of discipline and the quarrels of the students seem to have been the first causes of the decline students seem to have been the first causes of the decline of the university, which has for more than a century been in a languishing state. But it has still to boast of several distinguished professors, and ranks as the second semi-nary of its kind in Italy, that of Pavia being the first. It

It is said in Conder's Haly (ii. 132.), that Vesalius was professor of anatomy at Padua from 1537 to 1542; but this is an error. He was offerred the chair of anatomy, search by the death of Fallopius, in 1564, the same year in which be died. (Biographie Universalis, art. Featle.)

has faculties of theology, law, medicine, and philosophy, and 35 professors, with between 400 and 500 students. It is governed by a senate, composed of a rector and 12 other individuals chosen from its general assembly; which includes, with the directors, deans, and professors, all the doctors who have graduated at Padua, and reside in the city. The university library comprises about 70,000 vols., and it has a fine botanic garden, one of the oldest in Europe. Padua has a celebrated society of arts and sciences, an episcopal seminary, with an extensive library, formerly belonging to the Benedictine Abbey, a city-school. 2 gymnasia, a high female school, agricultural, veterinary, and various other schools, a famous chemical laboratory and cabinet of mineralogy, and several libraries and museums of the arts. &c., this city being the seat of one of the 5 sections of the literary union of Austrian Italy. Among the charitable institutions are a civil and military hospital, a workhouse, founditing and orphan asplums, a monte de pictà, &c. Padua is a bishop's see, and the seat of the council and superior judicial courts for the deleg. It has been council and superior judicial courts for the deleg. It has been colebrated, both in ancient and modern times, for its woollen manufactures; but these have greatly declined since the time of the Venetan republic. It has still, however, manufactures of woollen cloth, broad silks, silk ribands and leather, and an extensive trade in wine, oli, cattle, garden vegetables. The fair of St. Anthony, which leats 15 days, from June 18th, repers the city for a time a serve a content and select. broad silks, silk ribands and leather, and an extensive trade in wine, oil, cattle, garden vegetables. The fair of St. Anthony, which lasts 15 days, from June 13th, renders the city for a time a scene of bustle and gaiety; and the inhabs, derive some benefit from Padua being, for a part of the year, the residence of the Venetian nobility. It is very ancient, being said to have been founded by Antenor, after the slege of Troy—

Hic tamen tile urbem Patavi, sedesque locavit Tencrorum, et genti nomen dedit ; Æse

nobility. It is very ancient, being said to have been founded by Antenor, after the slege of Troy—

"Hic tames like urbem Patri, eedsegus locavit Tencrorum, et genti norme desti;" Assid, 1.22.

The historian Livy was a native of Padua; and the alleged patasinity of his style has long been a topic for critical discussion. Padua was taken by Alaric Attila and the Lombards; but being restored by Charlemagne to something like its former grandeur, it became, under his successors, flourishing and independent. In 1318, it came into the possession of the Carrara family; and in 1405 was united to the Venetian territory. Under the French it was the cap, dep. Brenta.

PAIMBŒUF, a sea-port town of Franca, dep. Lote Inferieure, cap, arrond., on the Loire, 22 m. direct distance W. Nantes, of which it is, in fact, the deep-water harbour. Pop., in 1846, 3,473. It consists principally of one good street, fronting the quarys which border the river. It has a fine mole 200 ft. in length, a school of navigation, a communal college, and court of primary jurisdiction. Vessels of more than 200 tons trading with the port of Nantes stop here to load or unload their cargot. PAINSWICK, a market town and par. of England. O. Gloucester, hund. Bisley, on the S. declivity of Sponebed Hill, 6 m. S. Gloucester, and 90 m. W. by N. London. Area of par., 6,510 acres. Pop., in 1841, 3,730. The town is small and irregularly built, the streets being neither paved nor lighted. The church, which is large, has at its W. end a fine tower and spire 174 ft. in height; but the building is rendered unsightly by the strange admixture of Doric and Ionic pillars, with the more ancient architecture in the Gothic style. There are, also, 2 places of worship for Dissenters, and 6 Sunday schools, furnishing religious instruction to about 500 children of both sexes. The town has an endowed free school for 26 boys, besides which 3 subscription schools, and an infant school, are attended by 200 children.

PAISLEY, a parl. bor., market and manufacturing from of Scotland

PAISLEY.

In the neighbourhood are some elegant vilias and baronizal seats. I he most important of the public edifices is that for the civil business of the town and county, incl. the gaol and bridewell, erected in 1890 at an expense of 28,000°. but the former being deficient, an addition is now being made to it, which is to cost 10,000°. The original parish of Paisley has been divided into four distinct parishes. The Abbey Church, which is a collegiate charge, consists of the nave of an ancient monastery, being, with the exception of a small chapel, and a Nitransept window, the only portion that now remains of that once splendid building. The High Church, on an eminence in the Old Town, or "the borough," as it is commonly called, is an elegant building, with a spire 160 ft. In height. The Free church has 6 places of worship; but mone of these require any particular notice, if we except the Free High Church, an imposing Gothic fabric. The Episcopal Chapel is a handsome Gothic building; and one of the Secsion churches is of Grecian architecture. The New Town is connected with the bor. by 3 bridges; and the river is also crossed by the line of the Glasgow, Paisley, and Ayr and Greenock rallways, which passes through the town. Several years ago, barracks were erected in one of the suburbs for the secommodation of a battalion of infanty. Here, also, is a theatre, with 2 assembly rooms, and other places of amusement. It is 1845, a cemetery was laid out on rising ground to the W. of the town, and the taste displayed in its arrangement, and the scenery it commands, have made it a favourite promenade.

In addition to the churches of the establishment and

1846, a cemetery was take out our raining grounds to see Mr. of the town, and the taste displayed in its arrangement, and the scenery it commands, have made it a favourite promenade.

In addition to the churches of the establishment and the Free church (one of which is for discourses in Gaelle), there are no fewer than 7 Presbyterian dissenting churches, besides 2 Baptist places of worship, 2 Methodist chapels, 3 Independent chapels, and separate churches belonging to the R. Catholics, Episcopalisms, Unitarians, and New Jerusalemites; and there are two or three additional dissenting chapels in Johnston, a large village within the par. Within the part. bor., 19,812 persons belonged, in 1836, to the established church; 22,420 to other religious denominations; the remainder not being known to belong to any Christian denomination. But in consequence of the establishment of the Free church the adherents of the establishment must now be considerably diminished. Paisley has a seminary for theological books. The grammar-school, a royal foundation (though the net own with an extensive collection of theological books. The grammar-school, a royal foundation (though the endowments have nearly disappeared), established by James VI., in 1876, and confirmed by subsequent royal deeds, is in a highly efficient state. There are, ex. sunday schools, about 60 schools in the town and par, all of which, with some trifling exceptions, are unendowed. A ragged school was instituted tast year. About 10 years ago, Mr. Nellson of Nethercommon, Paisley, left a large sum to found a charitable school; and an extensive under its with a part and the schools of the town and par, all of which, with some trifling exceptions, are unendowed. A ragged school was instituted as year. About 10 years ago, schools, and on extensive and elegant school-house, which will be one of the finest buildings in town, is now being erected by the trustees under its will. A Philosophical Institution was founded here in 1808, in which courses of lectures on different

his will. A Philosophical Institution was founded here in 1808, in which courses of lectures on different branches of science and literature are delivered. A small library and a museum are attached to it; but the institution is not in a very flourishing condition. An Athenaum, instituted in 1847, has a news-room, classes for modern languages and music, a discussion or mental instruction class, a library, &c. Fee 15s. a-year. An Artisan's institution similar to the last was also opened in 1847. Fee 8s. a-year. Here, also, is a Mechanica' institute. No newspapers are printed in the town; but Paisley editions are published of 3 of the Giasgow newspapers. Among the eminent characters that Paisley has produced may be named Alexander Wilson, the celebrated American ornithologist, and Robert Tannshill, the Scottish poet. Dr. Witherspoon, author of various theological works, and afterwards president of the college of New Jersey, was, for ten years, one of the ministers of the town. The "Public Subscription Library," containing about 5,000 volumes, is now incorporated with the Athenseum.

Poor rates were introduced into the bor. so early as 1752; and into the Abbey par. in 1785. The annual assessment in 1849 in the former was 9,4874., and in the latter 6,4574. in 1849 in the former was 9,4874., and in the latter 6,4572, the number of paupers in both, inc. occasional and permanent poor and children, was, at the same time, 3,973. There is an hospital or workhouse in the bor., erected in 1795. A large and handsome hospital for the Abbey par, with a lunatic asylum, has just been erected in the south part of the town; it cost above 10,0004, and accommodates 600 inmates. About 10 acres of land are attached to it. The inflirmary, which has been recently enlarged at an outlay of from 3,0004 to 3,0004, accommodates from 150 to 200 fever, and 50 surgical patients. The children are boarded and educated in the country. The town was visited by cholera in 1832 and 1834, and slightly in 1849. The deaths in 1850 amounted to 1,416, vis., 680 males and 726 females, being a decrease of 575 from the previous year, and being the lowest mortality since 1846. PAISLEY.

Menufactures. — Paisley was early distinguished by its manufactures. The first impulse given to this department was by pediars or travelling merchants, who, som after the Union, bought the goods made here, and sold them in England. A good many of these merchants, alwing made some momey, settled in the town. The articles then menufactured were striped linen cloths, handkerthefs, and Bengalus: these were succeeded by plain lawns, some of them chequered with cotton, and others ornamented with a great variety of figures. plain lawns, some of them choquered with cotton, and others ornamented with a great variety of figures; and

others ornamented with a great variety of figures; and by linen gause.

One of the principal branches of industry carried on in the tewn during last century was the manufacture of fine linen sewing thread, called "Ossoc" or "Ness's" thread. At the close of the century the annual value of this article was estimated at about 60,000.; but it has lince been almost wholly superseded by the employment of cotton thread. This change has not, however, been itsidenate ageous to Paisley; for, at present (1851), the reduction of the latter gives employment to 10 factories and about 1,700 work-people. The thread is generally round on small pirus or bothins, made of birchwood, if which about 60,000,000 are annually disposed of I The sies of thread, inc. bobbins, amount at present to about 3,0000. a year."

ales of thread, inc. bobbins, amount at present to muon 30,000t, a year.* In 1760 the making of silk gaune was first attempted, I imitation of that of Spitaliselds; and it soon attained y great importance, both in the town and villages und, to the distance of 20 m. This trade afterwards eclined; but not till the Spitaliselds manufacturers had een driven out of the market, and some of them had ansierred their establishments to Paisley. It has again artially revived.

anserred their establishments to ransay. It is a partially revived.

In 1785, when the silk gause trade experienced a temporary interruption, many of the principal houses in the wa entered into the muslin manufacture, which rose to great height of presperity. But with the exception of in muslins, embrodered with fancy needle-work, this anch has been wholly abandoned. The embrodery is ecuted by females in the villages in Ayrshire and in the of Ireland, about 2,000 being now in the employment the cole Paisler house engaged in the trade.

of Ireland, about 2,000 being now in the employment the only Paisley house engaged in the trade. The shawl manufacture, introduced in 1805, is one the staple branches carried on in Paisley. Imitation awis of all kinds have, at different times, been made re, — such as Thibest shawls, Cashmere ditto, and bras; the last being so called from their resemblance the skin of the zebra. The genuine Cashmere wool mported for making the Cashmere shawls; but Atlatica end for Cashmere wools we also need if it as mported for making the Cashmere shawls; but Afsitian and fine German wools are also used. It is a tous and not easily explained fact, that the yarn is craily spun in France, and that the attempts to prote the net have not hitherto been successful. Edingh had long the lead in this manufacture, but it been nearly beat out of the field; and, though a shawls are still made in Norwich, Paisley is at pretwintout a British rival in this department. It has, ever, a close and keen competition to sustain with Parisian shawl manufacturers, who have attained to at perfection in the art. At present (1850) it is said at perfection in the art. At present (1850) it is said none but an experienced dealer can distinguish be-

in perfection in the art. At present (1800) it is and none but an experienced dealer can distinguish been a first-rate Paris and Paisley shawl. ext in importance to the unitation Indian shawls are 1 and woodlen shawls, especially the latter, in tartan other patterns. A similar description of woollen vis, but of a coarser fabric and an inferior dye, are e at Galashiels. Cotton-crape and embroidered ris are, also, produced, but only to a limited extent; this is the case with the elegant shawl, called Chencaterpillar) from its variegated colour, its roughness the softness of its feel. ithin these few years the printing of thin woollen is, with monuscimes-de-laine, cottons, and silks has introduced into the town, and is now (1831) become rimary importance. Some of the print works are sively employed by London houses, who send their a here to be printed. The business employs in the only about 2,500 hands, and from 1,000 to 1,200 in ountry.

ouniry.

ountry.

til recently the finest woollen cloths used in printing all brought from France, and the other qualities Bradford; but latterly the Paisley manufacturers succeeded in producing cloth equal to that formerly rted; and in some establishments the whole process inufacturing, from the carding of the wool to the , is conducted on the premises. The value of the sales of textile fabrics in 1820 has been estimated on 1,100,000% to 1,200,000%. About 3,230 looms are

ne mamufacture of "Nun's" thread was introduced by a lady, Shaw, afterwards Mrs. Millar, who found means to import chinery required to produce it from Holland. This lady is well, sthough less favourably, known in the annals of super-ind crimes. When II year of age she prevented, or imagined to have been bewiched; and no fewer than 7 persons, 3 of 4 womens, were found guilty and except that 7 persons, 3 of 4 womens, were found guilty and except that 7 persons, 3 of 4 womens, were found guilty and except that 7 persons, 3 of 4 womens, were found, guilty and except that 7 persons, 3 of 4 womens of Socialand, art. Patiety.

at present employed in the town, and 2,000, on Painley capital, in the country. Of the town looms, 270 work for Glasgow houses. Machinery is advantageously em-ployed in finishing shawls, particularly in dressing and elite ning

All the trades depending on and subordinate to the All the trades depending on and subordinate to the shawl manufacture have largely increased, eyes ally that of dyeing. This branch employs from 500 to 700 hands. A silk-mill employs 324 hands. There are 2 power-loom factories for the weaving of the cottens used in printing: but it is a curious fact that the yarn used in their manufacture is all imported; the cotton apinning mills, of which there were formerly 10 in the bor-, having hear all elaboratories were come.

silis, of which there were formerly 10 in the bor-, having been all abandonsed except one.

The town has 4 iron and brass foundries; a large tan-work; several large works for machinery, and a very extensive manufactory of agricultural implements; 2 breweries; one large mait distillery; a soap-work, which produced in 1849, 139,1640 lbs. soap, several extensive bleachfields in the neighbourhood, and various other minor branches of business, inc. the manufacture of fine starch from sego. The foregoing accounts, generally speaking, are confined to Paisley and its subarbs, and onot include Johnston, Eldersile, and other villages at some distance, though within the limits of the original par. of Paisley. (Prde Jonstron, in this work.)

From 1825 to 1847 the trade of Paisley was subject to great vicinsitudes, and so depressed was its situation that in 1841-42 no fewer than 14,921 persons were at one time in the receipt of charity. But since 1847 there

that in 1841-42 no fewer than 14,921 persons were at one time in the receipt of charity. But since 1847 there has been a very material improvement. Employment has been steady and fairly remunerated. Various new branches of industry have been opened; and the popla not so dependent as formerly on the caprices of fashion. The credits formerly given, with the greatest improvidence, by the banks, have been restricted: the manufacturers no longer confine themselves to the supply of a few large wholesale houses; but are now in the habit of dealing with various parties in each locality, so as probably to receive even a better profit, while their business is rendered much safer. The working classes are recovering from their long depression and while their Dusiness is rendered much safer. The working classes are recovering from their long depression, and beginning to reap the full advantage of the fiberal policy of Sir Robert Peel. In 1847, a suitable building was erected as a School of Design. It is added by an annual grant from government, is attended by above 69 pupils, and promises to be of increasing benefit as it between the progression of the safe of the s

pupils, and promises to come better known.

Renfrew, or Renfrew Ferry, 3 m. from the town, is, properly speaking, the port of Palaley; but the White Cart, which falls into the Clyde, 3 m. from the bord, and only a few hundred yards W. of Renfrew, is naviand only a few hundred yards W. of Renfrew, is naviand to the company of the compa Cart, which islis into the Ciyde, 8 m. from the bor, and only a few hundred yards W. of Renfrew, is navigable to Paisley for vessels of 80 tons. Much has been done to improve the navigation of this river. A railway, worked by horse power, has been opened between the town and Renfrew Ferry. A railway from Giangow passes through the town, where it divides itself into two branches, the contract of town and Renfrew Ferry. A railway from Giasgow passes through the town, where it divides itself into trwo branches, one going to Ayr, with a branch by Klimarnock to the Dumfries and Carlisie line, the other leading to Greenock. The Giasgow, Paisley, and Johnston Canal, opened in 1811, commences at Fort Eglinton, near Giasgow, passes Paisley, and terminates at Johnston, a distance of 11 m. There are four branch banks; and a Savings' Bank, or Provident Bank, instituted in 1813, the deposits in which amount to 43,724. The neighbourhood of the town produces coal, ironstone, fire-clay, and potters' clay; and there are manufactures of sulphate of iron, or coperas, aium, muriate of potash, and sulphate of ammonia Freviously to the passing of the Reform Act in 1832, Paisley, notwithstanding its great wealth and importance, had no parliamentary representative; bot the Act in question conferred on it the important privilege of sending 1 mem. to the H. of C. Registered voters in 1849-50, 1,109. Archibald Hastle, Esq., a native of the bor, is, and has been for some years, its parl. representative. He deservedly enjoys the esteem and condence of all classes. The bor, is governed by a provost, 4 baillies, a treasurer, and 10 councillors. Municipal revenue, 1848-49, 2,000. The sheriff courts of the county were transferred from Renfrew, the capital of the shire, to Paisley, Se early as 1708.

49,2,000. It is server, the capital of the shire, to reasily, so early as 1700.

Paisley is very ancient, and is supposed to occupy the sits of the Roman station Pandsaria. In 1164, Walter, son of Allan, Lord High Steward of Scotland, founded a monastery here, of which nothing remains but the nave and its collateral appendages, now used as the parish church. This abbey, the precincts of which were enclosed with a wall about 1 m. in circ., was the burial-place of the Stuart family till they became kings of Scotland. At the Reformation, this property passed into the hands of a braich of the house of Hamilton, now represented by the Marquis of Abercora, in whose possession (with a slight interruption) it has ever since remained. Paisley, in 1483, was regularly constituted under the juriediction of the abbot. The "Black Book of Paisley" has lately been ascertained to be simply a

MS. copy of Fordun's "Scotichronicon." The "Chartulary of Paisley" was printed in 1832 by the Mattland Club of Glasgow. Sir William Wallace is said to have been born at Elderslie, about 2 m. S.W. of the town. (In addition to the works already quoted, see Chalmers's Caledonia, vol. ill.; Crausfurd's Renfreusshire, 3d ed., 1818; and Priv. Inform. obtained from the highest authority.

Caledonia, vol. III.; Craugherd's Renjecoshire, 3d ed., 1818; and Priv. Inform. obtained from the highest authority.)

PALEMBANG. See Sumatra.

Panecording to Minano, 10,813. Principal public buildings.

See Sumatra.

Panecording to Minano, 10,813. Principal public buildings, the cathedral (one of the largest Gothic structures in Spain). 5 parish churches, a well-endowed hospital, a poor-house, foundling asylum, the bishop's palace. Palencia had a university prior to the establishment of that at Salamanca; and it still possesses a superfor seminary, with about 60 students, of grammar and philosophy. It has manufactures of woollen goods, blankets, coverlets, and serge, which meet with a ready sale throughout Spain; and of hats and carthenware, with tanneries, &c.

PALERMO (an. Panormus, from sar, all, and segse, a station for ships, from the number of vessels that frequented its port), the cap. city, and principal sea-port of sicily, on its N. coast, towards its W. extremily; lat. (observatory) 38° 6' 44" N., long, 13° 20' 18' E. Pop., in 1831, 3478; and, though diminished by the occurrences in 1849, it may now (1850) amount to about 182,000. It is built along the S. W. side of an extensive bay, in a plain which, from its luxuriance, and from being surrounded by monotation on three sides has been extensed the "code by monotation on three sides has been extensed the "code of the proposales and the second of the partners of the parameters and the "code by monotation on three sides has been extensed by the occurrence of the parameters.

built along the S. W. side of an extensive bay, in a plain which, from its luxuriance, and from being surrounded by mountains on three sides, has been termed the "golden shell" (conca d'oro). In front of the city, the numerous steeples, cupolas, and towers of which give it a noble appearance from the sea, is the Marina, a raised platform or terrace, extending above I m. along the bay, and about 80 paces in breadth. At the E. extremity of this walk is the Flora, a public garden, laid out in walks, interspersed with statues, fountains, and summer-houses. People of all ranks are admitted, and in fine evenings it appears the rendezyous of the whole city. Adjoining the Flora is the botanical garden, at the entrance of which is a building similar to an ancient temple, in which botanical lectures are delivered. The garden is well laid out, and contains an extensive collection of valuable plants. On the W., Palermo extends to the foot of the rocky and abrupt mountain Pellegrino, but on the E. a reach of well cultivated grounds ascends gradually to Cape Zaf-farana, which bounds the bay on that side. The city is surrounded by an old wall, of little or no strength, some surrounded by an old wall, of little or no strength, some of the bastions being occupied by gardens, while others have been cut away to increase the breadth of the Marina. It is, however, defended by a citadel and several other forts, which are tolerably strong towards the sea; though from being much scattered they would require a large garrison, and could not hold out against a force investing the city by land.

Palermo is regularly built, and, if better finished, might be esteemed an elegant city. Two large streets, the Cassaro and Strada Nuova, each unwards of a mile

Palermo is regularly built, and, it better musned, might be esteemed an elegant city. Two large streets, the Cassaro and Strada Nuova, each upwards of a mile in length, intersect each other at right angles, dividing the city into four equal parts, and each leading to one of the four principal gates. These streets are well paved with large flat blocks of lava, and are faced throughout their whole length with handsome buildings. The central space where they meet is an octagon (Piazza Ottangolosa); each of its sides consists of an edifice three stories in height, combining the Dorie, louic, and Corinthian orders; and it is besides enriched with statues and fountains. A coup-d'ail of similar magnificence to that enjoyed from this plazza is, perhaps, not to be met with in any other city of Europe. (Russell's Sicity, 43.)

There are several other public places or squares adorned with obelisks, jets-d'eau, and sculpture, of which the principal are the column of St. Dominic, and the superb fountain opposite the pretorian palace. But

adorned with obelisks, jets-d'eau, and sculpture, of which the principal are the column of St. Dominic, and the superb fountain opposite the pretorian palace. But all the streets, except those above named, are irregularly laid out, narrow, and ill built. The houses are almost all high, and a number of them have balconies with iron rallings. These projections lessen the symmetry of the architecture, but this is more than countervalled by the convenience they afford of enjoying the cool evening breeze in so warm a climate. Almost every house has a common stair; and each story of apartments forms, as in the old houses of Paris and Edinburgh, the separate residence of a family. Several of the massions of the nobility are admired for their architecture, but their interior is usually deformed by a multiplicity of false ornaments. Many have marble columns, either in front, or in the large court, which they generally inclose; but their effect is frequently destroyed by the meanness of the adjoining buildings. Altogether Palermo presents an incongruous mixture of pomp and poverty, exemplified in noble ranges of palaces disgraced at their bases by shops and stalks, and in show equipages parading the same streets with sturdy mendicants vociferously demanding food, or sluggishly taking

their siests on the pavement. Swarms of priests, nob'e their stesta on the pavement. Swarms of priests, note: o, officers, and other loungers, yawn on chairs before the coffee-bouses; and artisans of every kind at their respective employments outside their abop doors, usurp the sides of the streets, obliging foot passengers to wait in the centre among the numerous carriages. The constant calling out this occasions on the part of the coachmen, added to the hurry of business, and the groups round the ice-water stalls, form an animated and singular if not a pleasing scene.

men, added to the fully of the provided and singular if not a pleasing scene.

The supply of water is peculiarly abundant, and most of the houses have fountains, even in their second and third stories; hence the city is in general clean, except after heavy rains, when, from the lowness of its site, it becomes extremely muddy, and recourse is sometimes had to movable iron bridges for crossing the streets. There is an excellent supply of provisions of every description; and during the absence of the moon, the principal streets are tolerably well lighted. The city, excepting on the size of the ancient port, where malaria is generated in sutum, is healthy. The temperature of winter seldom falls below 50° Fah. In summer, however, the thermometer keeps for months between 80° and 90°; and then the inhab. generally shut up their houses and shops a little before noon, keeping them shut for 3 or 4 hours, an interval during which all is silence and stagnation. The Scirocco is very oppressive, but fortunately not of frequent occurrence.

nation. The Scrucco is very oppressive, out fortunately not of frequent occurrence.

Palermo has a great number of public edifices and institutions. Convents and churches are particularly numerous; of the former there are even said to be nearly 701 Most of the churches are sumptuous: but they discover no taste, and offend the eye by a profusion of ornament. A striking monotony reigns in their construction, being generally built with an elevated façade, a large nave, and 2 side aisles, bounded by lateral chapels, dedicated to a region of the contract of the nave, and 2 side aisles, bounded by lateral chapels, desicated to various saints, and decorated with pillars, painings, statues, flowers, and eandelabra. Some, however, as that formerly belonging to the Jesuits, must be exempted from this censure. The cathedral, arected about 1180, by Archbishop Waller, an Englishman, is externally of Gothic architecture; and, though not in the best taste, is a tolerable specimen of the style of the lith century. It has, however, been spoiled by the modern addition of a cupola; and its interior has been somewhat recently altered to the Greek style. Within are many fine red porphyry sarcophagi, of considerable antiquity, in which have been deposited the remains of different sovereigns of the island, including Roger the founder of the Norman kingd. of Sicily, the emperor Frederick II. ince red porphyry sarcophagi, of considerable antiquity, in which have been deposited the remains of different sovereigns of the island, including Roger the founder of the Norman kingd. of Sicily, the emperor Frederick IL. &c. The church of St. Giuseppe, also on the Cassaro, is profusely and richly ornamented, and has some fine columns of grey Sicilian marble, nearly 60 ft. in height. The royal palace, the residence of the viceros, is a spacious building of mixed Arabic and Norman architecture. It has many spacious apartments, a galler with some good paintings, and a neat armour; on the summit is the observatory erected in 1748, whence plazid discovered the planet Cerea. Attached to the palace is the beautiful little church of St. Peter, which with its crypt and superb mosaics, forms one of the mean complete specimens of Saracenie magnificence extant. The square in front has a statue of Philip IV. of Sicily, Surrounded by four other statues. The tribunal of justice and the custom-house occupy a large edifice on the Marina, formerly the palace of the Inquisition, abalished in 1782. The public prison, in one of the main streets, built round a large court yard, though well supplied with water, is dirty, and in many respects bally provided. The Jesuit's College, a magnificent edifice in the Cassaro, with various schools, and a fine library, lo which the Sicilian parliament formerly held their sittings; the university, the archbishop's palace, and the principal government pawn-bank, a spacious building, with a neat portico, are among the remaining most remarkable edifices. There are several theaters, but they are generally ill contructed, and not to be compared to those of Napla-Paris, or London.

At the N. W. extremity of the city is the arsenal, from which a fine mole, fully 1-4th m. in length, having a lighthouse and battery at its extremity, projects S. Into 9 or 10 fathoms water, forming a convenient port, capallo of accommodating a great number of vessels. This important work cost about 1,000,000. sterling; bu

Ziza, a palace erected in the 9th or 10th century, still in good repair, and occasionally used as a royal residence. Near the latter is a Capachin convent, with a casis-sery, or receptacle for the reception of dead bodies. A royal residence, in the Chinese style, stands outside the walls, near M. Pellegrino; and about 10 m. E. Palermo, near the bay, is La Bagaria, the favourite residence of many Sicilian nobles. Several of the villas of the nobility are richly adorsed, both by nature and art: that of Frince Palagonia, however, is chiefly noted for its statues of all sorts of monsters. sorts of mon

sorts of monsters.

Palermo is the see of an archbishop, who is primate of Sicily; the sea of an intendant and council of intendency; a departmental council; a supreme court of justice, with 14 judges; a civil and criminal court for the intendency, and a tribunal of commerce. It has a university, the second in the Neapolitan dom., attended by about 600 cudents, comprising several eminent names among its rofessors. It has a library of upwards of 30,000 vois., a rinting press, several museums; but only a few lectures re given, and the education is worthless in the extreme. Palermo has also a high-female seminary second to that Jalermo has also a high female seminary, second to that A Naples; a college of nobles, an episcopal seminary, ad many inferior schools; numerous charities, including large hospitals, a lunatic and a foundling asylum, houses f industry for mendicants, ac.; public baths, and several ublic libraries and scientific associations. Silk manuuniversity in memicants, arc.; public baths, and several ublic libraries and scientific associations. Silk manusctures were established here in the 11th century, and bey still form the chief branch of manufacturing inserty, though much less flourishing than formerly. Into fabries are also produced, with oll-cloth, leather, c.; and there is here a glass work, the only one in icily. The tunny fishery employs from 900 to 1000 boats, and 3,500 fishermen. But the principal resources of the hab, depend on Palermso, being the residence of the iceroy and the seat of government, and on her trade, he latter, indeed, is but trifling, compared to what it ould be were Sicily under an enlightened government, public of calling forth its vast resources. But even at resent it is far from inconsiderable. The great articles export are shumac, fruits of various toria, including ranges and lessons, wine, manna, brimstone, &c. Subined is a

itatement of the Quantities and Values of the principal Articles exported from Palermo in 1847.

•	Quantities.	Value in Pounds Storting.				
Argolo and cross Bertita - Britandene	: : :	: : :		cwts, - lbs cwts palls cwts galls cwts galls cwts.	5,641 1,460 102,920 1,340 10,700 160 25,240 40,094 1,440 6,818 20,921 2,190 6,750 97,937 20,984 807,964 4,700 57,000 144,234	84444 6,841 6,841 14,256 13,400 2,660 309 33,464 8,019 2,549 4,572 798 12,535 13,160 97,353 2,350 817 17,336
ther artisfes	•	•	-	- Value	1	29,527
Te	ial .			٠.	1	282,362

If the above, goods to the amount of 108,4681, went to U. States of America; 108,8761, to Great Britain and colonies; 24,0821 to France; 1,5761 to the Baltic; Ed. to Belgium and Germany; 24,6831 to the Italian tes; and 12,370L to other countri

'he imports consist principally of sugar and other co-ial products; cotton, linen, silk and woollen fabrics; henware, hardware, and other manufactured goods;

thenware, hardware, and other manuscured goods; stuffs, spices, &c.

he city funds, derived principally from landed project, the land-tax, and taxes on consumption, are said mount to about 100,000. a year; but for many years the expenditure has exceeded this sum, and the city ow deeply in debt.

icilian writers have made many absurd and ridiculous ements concerning the foundation of Palermo; but most rational and generally received opinion, con-

tiges of an amphitheatre. In the senatorial hall are preserred fragments of various marbles, &c.; and in the royal place are two sacients brouse rams, brought thither from Syracuse, and said to have been made by Archimedes! (Suppl's Sickly, P. 73.)

In the neighbourhood are many fine specimens of Moorial architecture; the principal being the Saracenic fortress of Kuba, now used as cavalry barracks; and the good repsir, and occasionally used as a royal residence. Near the latter is a Capuchin convent, with a casisary, or receptable for the reception of deed bodies. A surplemental council; as a capuchin convent, with a casisary, or receptable for the reception of deed bodies. A royal residence, in the Chinese style, stands outside the away is labely and the capital of their Sicilian dominions. Soon after walls, near M. Pellegrino; and about 10 m. E. Palermo, near the bay, is La Bagaria, the favourite residence of many Sicilian nobles. Several of the villas of the nobility are richly adorned, both by nature and art: that of Prince Palagonia, however, is chiefly noted for its statues of all sorts of monsters.

Palermo is the see of an archbishop, who is primate of Sicily; the sect of an intendant and council of intendency; it departments council; a supreme court of justice, with 4 judges; a civil and criminal court for the intendency, and a tribunal of commerce. It has a university, the econd in the Neapolitan dom., attended by about 600 tudents, comprising several eminent names among its royal of solves and approach several museums; but only a few lectures.

PALHAN POOR, a Formal and PALESTINE.

PALESTINE.

PALHAN POOR, a Formal and PALESTINE.

PALHAN POOR, a for Malagonia, but only a few lectures given, and the education is worthless in the extreme. All the principal council is an allowed it to be governed by its own later the capital of their Sicilian dominions. Soon after the beginning of the first Punic war, it passed into the capital of their Strains of the Carthagrinians, who established accompt in the begin

PALMAS, the principal town of the Canary Islands, which see.

PALME, or PALMI, a town of the Neapolitan dom., prov. Calabria Ultra I., cap. distr., on the Gulph of Gloja, 21½ m. N.E. Reggio, Pop. about 7,000. It was partially destroyed by the earthquake of 1783, but has since been restored. It is well built; its streets being regular, and its bonses mostly of stone, and in good taste. In its centre is an elegantly sculptured and well supplied fountain. It has some manufactures of silken and woollen fabrics, and trades in oil, liqueurs, &c. (Crassevis Towr. 292).

PALMYRA, (the Tadmor of the Scriptures, by which name it has always been designated by the Arabs,) a celebrated city of antiquity, and the cap. of the region of Palmyrene in Syria, in an easis in the midst of deserts in the modern pach. of Damascus, 147 m. S.E. Aleppo, and 187 m. S.S.W. Damascus, lat. 34° 35' N., long. 380 48' E.

38° 48' E.

and 187 m. 8.5.W. Damascus, lat. 34° 29° N., long. 38° 48′ E.

This once famous city is now all but deserted, not having more than 100 inabe, and it derives its whole importance from its classical associations and the number and magnifecence of its ruins. These, which stand near the E. declivity of a mountain range running from N. to S., may occupy a space of about 3 sq. m., though its probable that the ancient city extended over a larger area, exclusive of the tombs on the tops and sides of the adjacent hills. The oasis, in which the city is situated, is traversed by two streams, which, though hot and sulphureous, are said to be wholesome, and not disagreeable. But the water used in the ancient city was of the best quality, being brought from a considerable distance by a large subterranean aqueduct, of which there are still some remains. The first view of the city is described by all travellers as extremely magnificent. "On opening upon the ruins," says Captain Mangles, "as seen from the Valley of the Tombe, we were much struck with the picturesque effect of the whole, presenting altogether a most imposing sight. It was rendered doubly interesting by our having travelled through a wilderness destitute of a single building, from which we suddenly opened on these innumerable columns and other ruins, the snow-white appearance of which, contrasted with the yellow sand, produced a very striking effect." (Irby and Mangles's Travels, p. 262) The ruins are not, however, to be compared, as respects the size of the gates, columns, and temples, with those of Balbec and Thebes; but they are more remarkable than either for their vast extent, and they are less encumbered with modern fabrics than most other ancient remains.

The ruins now extant comprise the fragments of two remains.

The ruins now extant comprise the fragments of two or three temples, several gateways, (one of which is more perfect than the rest), colonnades, sepulchres, &c. With respect to the antiquity of these ruins, it is difficult to form a conjecture: the tombs are evidently the oldest, but even these do not date as far back as the Christian sra. The other buildings are considerably more recent, and most of the fine and expensive edifices appear to have been consistrated during the three centuries ending with the reign of Diocletian.

On approaching the city a ruined mosque, built by the The ruins now extant comprise the fragments of two

458 PALMYKA.

Saracens, introduces the stranger to a fine gateway, having a lofty central arch, fianked by two others of smaller sise, which lead directly to a grand avenue, which, from the remains, must have been nearly 1 m. in length, and bordered on either side by rows of Corinthian columns, of which, however, only 114 now remain. This avenue leads to a gateway, beyond which are ranges of pillars supporting a frieze and entablature, supposed by Mr. Addison to be the ruins of two noble gateways, that may have led from the central avenue to other colonnades now entirely destroyed. A circular colonnade, of which eighteen columns only are now standing, has in its centre a small but richly ornamented building, with aichee for statues; and immediately becolomade, of which eighteen columns only are now standing, has in its centre a small but richly ornamented building, with niches for statues; and immediately beyond it are the prostrate remains of a magnificent building, constructed of a species of marble superior to that found in other parts of the ruins. It appears to have comprised two very large rooms; but whether it were a temple or palace, is difficult to determine. By far the most extensive ruin, however, is the Temple of the Sun, the grand entrance to which was supported by four fluted lonic pillars, and solomed with rich carvings of vine-leaves and clusters of grapes in hold and spirited relief, beautifully chiesled. The outer precinct, which encloses a quadrangular space of 220 sq. yards, is formed by a lofty wall, adorned with pillasters both within and without. Inside this court are the remains of two rows of noble marble pillars, each 37 ft. in height, and another row of columns 80 ft. in height, and another row of columns 80 ft. in height, and another row of columns 80 ft. in height, and another row of columns 80 ft. in height, and another row of columns 80 ft. in height, and another row of columns 80 ft. in height of the source and the walls. round the walls.

rior is disfigured by passages from the Koran written round the walls.

The sepulchres, which are, perhaps, the most interesting of all the ruins, occupy the tops and sides of the surrounding eminence, some presenting mere heaps of rubbish; others half failen, exposing their shattered chambers; while one or two still exist almost entire. They are built in the shape of square towers, from 3 to 4 stories in height, each forming a sepulchral chamber, with receases divided into compartments for the reception of the bodies. Some of the chambers are ornamented with Corinthian pliasters and sculptures, in almost perfect preservation, executed in high relief; the walls are of white stucco, and the ceilings are divided into diamond-shaped compartments, delicately ornamented with white stars on a blue ground: over the doorways are tablets with inscriptions both in Greek and Palmyrene. A few of the streets may be traced with some difficulty, and the foundations of houses are distinguishable in some places; but not a vestige remains of the old walls destroyed by Aurelian, though a wall still exists that has been made of materials from the sepulchres, and was probably erected soon after the demolition of the older fortifications. The inscriptions are both in Greek and men the unknown Palmyrene language; all of those on the columns are honorary, generally to the effect, that the senate and people inscribed them in honour of an individual whose pedigree is given through several generations. The inscriptions on the tombs are in Greek, and tolerably perfect. Fac-simile copies of them are given in the great work of Messrs. Wood and Dawkins, which also contains drawings of all the principal buildings of Palmyra.

History.—The earliest accounts of the existence

ings of Palmyra.

History. — The earliest accounts of the existence of Palmyra, are derived from the sacred writings, which state that "Solomon built Tadmor in the wilderness and all the stone cities which he built in Hamath" (2 Chron. viil. 3, 4.); and his motive for thus founding it was, according to Josephus, "because in that place were fountains and wells of water. He gave it the name of Tadmor, which is still prevalent among the Syrians; but the Greeks name it Palmyra." (Ant. Jud. 1. viil.

Pilny has noticed the city, and the peculiarities in its situation to which it owed its rise and importance: Palmyra we'be nobilis situ, divities soit et aquis amarnis; vasto undique ambitu arenis includit agroe; ac viciu terrie exempts a rerum natura, prisata arte their duo imperia esama, Romanorum Parthorousque, et prima in discordia exaper strimque cura. (Hist. Nat., lib. v. cap. 28.) The fertility of the oasis round Palmyra made it a suitable situation for a small town; but its position in other respects was still more advantageous, from its being the resting-place of the caravana between the Persian gulph and the great cities on the Euphrates and Tigris, and Aleppo, Damascus, and the ports on the Mediterraneam. Palmyra thus because a principale emporium of the commerce between the Rastern and Western worlds; and to this, no doubt, is to be ascribed the wealth and importance to which she early estalled. Being situated between the empires of Rome ascribed the wealth and importance to which she early attained. Being situated between the empires of Rome and Parthia, it was an object of great importance with the Palmyrenians to preserve a strict neutrality, and to keep on good terms with them both. But after the violories of Trajan had established the unquestionable

PAMIERS.

preponderance of the Roman arms, Palmyra became e dependency of Rome, and strained to the rank of a colony. "It was during that peaceful period, if we may judge from a few remaining inscriptions, that the Palmyrenians constructed those temples, palaces, and porticoes of Grecian architecture, whose ruins, scattered over an extent of several miles, bave deserved the curiosity of our travellers." (Gibbos, cap. 9.)

The most splendid period of the history of Palmyra was that which immediately preceded her fail. Valerian, emperor of Rome, having been made priconer by Sapor, king of Perisia, Odenathus, a citizen of Palmyra, who had attained to the principel direction of lear affairs, joined the Roman forces, and had a large shared in averaging the insult offered to the majesty of Rome. He attacked the Perisians, drove them beyond the Emphrates, penetrated as far as their capital city Chosiphou, and captured the treasures and women of the great king. For these services, the senate, with the approbation and applause of the Roman world, conferred on Odenathus the title of Augustus, and associated him in the empire with Gallienus. These honours, however, he enjoyed only for a brief period, being soon after (a.). 253.) assassinated by his pephew. The vacant throme was selsed by his young, wartite, and beautiful widow, the famous Zenobia, who broke the alliance with the mbetile Gallienus, and assumed the title of Augustu, queen of the East. The accounts that have come down to us of this extraordinary woman are so very fastering that we may not unreasonably suspect them of being exaggerated, in the view, perhaps, of chanacing the manity understanding was strengthened and adorned by study. She was not ignorant of the Latin tongue, but possessed, in equal perfection, the Greek, the Syriac, and the Rojeman perfection

her slight, the city soon after surrendered. The victor sullied the glory of his conquest by ordering the execution of Longinus, author of the famous treatise on the sublime, and other advisers of the unfortunate queen; but, in other respects, the city was treated with great lenity. Unhappily, however, as soon as it was understood in Palmyra that the emperor, with his captive princess, had crossed the Hellespont, the citizens rose in rebellion, and, having massacred the Roman governor and garrison, proclaimed their independence. The instant Aurelian heard of this revolt, he at once, without a moment's hesitation, began to retrace his steps, and hastened to the ill-fated city with an irresistible force, and an insatiable thirst for vengeance. The sequel may be learned from his own words:— Musicribus sequel may be learned from his own words:sequel may be learned from his own words: — Mukiribus non peperoimus, infente occidimus, sense jugularimus, rusticos interentimus: cui tervas, cui urbem deinceps relinquemus P accendum est its qui remanerum. Plavius Vopiscus in Hist. August. p. 218.) At the same time the walls of the city were rased to the ground, and, in the words of Gibbon, "the sent of commerce, of arts, and ed Zenobla, gradually sunk into an obscure town, a trifling fortress, and, at length, a miserable village. Zenobia her self was taken to Rome to grace the triumph of Aurelian who, however, behaved towards her with a generous cle who, however, behaved towards her with a generous elemency seldom exercised by the ancient conquerors, and presented her with an elegant villa at Tilur, where the Syrlan queen insensibly sunk into a Roman matron, her daughters married into noble families, and her race was not yet extinct in the fifth century." (Decine and Fall, it 44-48.) Palmyra afterwards fell with the surrounding country under the power of the Mohammedans; but history is entirely silent respecting the causes and period of its total desolation. (Weed and Desskins on the Rubus of Palmyra; Addison's Damascus and Palmyra, it. 284-282.; Irby and Mangie's Tracels, p. 563-267.; Mod. Trac.)
PAMIERS, a town of France, dep. Ariège, cap. serond., on the Ariège, 11 m. Foix. Pop., in 1845. 5578. It is well situated, and is generally well built and laid out. The cathedral, several other churches, the bishop's palace, a Carmelite convent, the court-house, and a large

^{*} According to Stephanus Byzantius, these were mostly exected by the emperor Adrian; but there is no evidence that such was really the fact, though he may have desse so to sume entered.

evil hospital, are its principal buildings. No remains exist of its eastle, built during the crusades, and called Apomere, from the Syrian town of that name, whence, by corruption, the present name of this town. (Hugo, &c.)
PAMPELUNA, or PAMPLONA, a fortilled city of Spain, cap. kingd. of Navarre, on a hill near the left bank of the Arga, 46 m. S. Bayonne, and 195 m. N.E. Masirid: lat. 42° 48° 57" N., long. 1° 38° 48" W. Pop., screenings to Milliano, 15 000. It is surrounded by a Bladrid: lat. 42° 45° 5" N., long. 1° 25° 45" W. Pop., according to Bildiano, 15,000. It is surrounded by a strong wall, with bastions, but derives its principal defence from 2 castles, one within and the other outside the walls, the latter, the citadel, being situated on a rock (of which the only accessible part is covered by a mornes), and encircled by a deep ditch. The interior of the twen comprises several wide and straight streets, lined an both sides with trottoirs; 2 public equares, in the largest of which bull-fights are held; 6 public fountains, supplied with water from a fine aqueduct 2 m. in length; and the Taconers, a public walk. Outside the walls are 3 other planted walks, and 6 bridges across the river, consecting the town with the suburbe. The houses are irregularly built; and the public edifices, which comprise a exhedral, 4 parish churches, 2 palaces, a prison, poor asylum, and small theatre, are more remarkable for antiquity than beauty.

asylum, and small menure, are more remainded antiquity than beauty.

Pampeluna is supposed to have been built by Pompey, after the defeat of Sertorius, and called by him Pompetopolis. After the foundation of the kingdom of Navarre, it was made its capital city, and sustained several sieges.

The the mean meanurable sevent connected with the town if was made its capital city, and sustained several steges. Best the most memorable event connected with the town is the contest for its possession between the English and French at the close of the peninsular war. In June, 1812, on the sudden retreat of the French army from Vitzeria, the road to Fampetuna was alone open, and this fortress was hastily garrisoned and provisioned. It was forthwith invested by the British; but the approach of Marshal Souk, with an army, towards the close of July, promised it an early deliverance. It was in the vicinity of Pampeluna that the obtainate conflicts of the 27th and 29th July took place; and the French being compelled to repass the Pyrences with great loss, Fampeluna was cut off from all supplies, and surrendered on 181st October.

lat Octob

PANAMA, or DARIEN, (ISTHMUS OF), the narrow neck of land which connects the continents of N. and S. America, forming a prov. of the republic of New Granada, between the 8th and 10th degs. of N. lat. and the 77th the 8th and 10th degs. of N. lat. and the 77th and 81st of W. long., having E. the Colombian prov. Choco, W. that of Veragua, N. the Atlantic, and 8. the Pacific Ocean. Its shape is that of an arc, the convex side facing the N.; length, W. to E. about 300 m; general breadth about 40 m., but, where narrowest, not more than 35 m. from sea to sea. Pop. of prov. in 1835, 73,665. The Cordillera, or chain of the Andes, is here interrupted by several remarkable breats of low and level land, through which it is proposed to carry a canal or rathway. The lathmus is extremely well watered; and though without any iver of considerable length, several of its streams are partially navigaearry a canal or rainway. The intends is extremely well watered; and though without any river of considerable length, several of its streams are partially mayigable. The dry season lasts from Dec. to April, and the wet during the rest of the year. The quantity of rain is predigious; but a very remarkable phenomenon occurs throughout the isthmus, in the height of the rainy season, of which no satisfactory explanation has yet been offered. On the 10th of June the rain ceases for five or six days, and the sun shites out during the whole day with the utmost splendour; nor is any instance known of irregularity in the recurrence of this singular break in the ordinary course of the season. (Geog. Journ. 1, 78.) The temperature and salubrity vary greatly. Porto Bello is one of the hottest and most unhealthy places in the world. On the opposite coast, at Panama, the therm, in the rainy season does not rise higher in the day-time tham 87° and though at other times it is very sultry, it can hardly be called unhealthy. Rice, maize, coffee, cocos, and some sugar, are cullivated. Storax, caout-chooc, various dyeing drugs, and the finest limber trees, abound in the forests.

abound in the forests.

Near Panama is a considerable extent of cultivated land; but round Porto Bello, and on the E. coast, most part of the surface is uncultivated. Blaswhere, the landiords keep their extace chiefly in grass; few of the inhabs, are industrious; and many, indeed, depend almost wholly on the chase. Droves of wild hogs, deer, and a variety of other wild amimals, are met with; monkeys are frequently used as food, as are sharks, guanas, &c. Horses are small, but hardy: mules, the favourite beasts of burden, fetch sometimes 120 doils. each.

Gold was formerly obtained in the isthmus, but the search after it has been abandoned for a lemthened period.

search after it has been abandoned for a lengthened period. The pearl flabery, also, which used to be prosecuted in the bay of Panama, has now, we believe, been all but wholly retinquished. The inhabe, indeed, are strangers to all sorts of enterprise and industry; and are said to be

less advanced in civilisation than their neighbours, low as is the point to which the latter have attained.

Passage across the Isthmus. — It seems probable that the isthmus is destined speedly to undergo a great changes. Latterly, indeed, or since the discovery of the mineral riches of California, it has become a great thoroughfare, wast numbers of individuals having crossed from the port of Chagres on the Caribbean Sea to Panama on the Pacific Ocean, and conversely.

of Chagres on the Caribbean Sea to Panama on the Pacific Ocean, and conversely.

The port of Chagres is within the mouth of the river of that name, in lat. 9° 16° 6" N., long. 79° 89° 2" W. A bar at the mouth of the river has only from 10 ft. to 12 ft. water, though within the bar the river deepens to from 4 to 6 fathoms. It is probable that the bar might be deepened without much difficulty, and a canal might be cut from the bottom of the fine bey of Mansanilla to the river, from which it is only 3 m. distant. A short while are one to two fif so it might be called was a mere while ago the town (if so it might be called) was a mere cluster of huts, unhealthy, and without any accommoda-tion for passengers. But having latterly become one of the starting points in the nearest and shortest routs from the E. to California, it will now, no doubt, be greatly

the starting points in the nearest and abortest route from the E. to California, E will now, no doubt, be greatly improved.

The country between the ports of Chagres and Pamma would seem to be decidedly the best fitted for the formation of a canal, or a railway, uniting the Caribbean Sea and the Pacific Ocean. The direct distance across at this point does not exceed 24 m. or 25 m., if so much. The river Chagres either is, or might without much difficulty be made narigable for vessels of considerable burden to Barbacao or Gorgona, nearly half-way across the inthmus; and there are no greet, and certainly no insuperable physical difficulties, in the way of constructing a canal, or railway, or both, from Barbacao to the bay of Panama: Or vessels might ascend the navigable river Trindad, which falls into the Chagres, and the canal be thence conducted to the navigable portion of the Rio Grande, which falls into the bay of Panama. The bighest point of land that would have to be passed over is said not to be more than from 30 ft. to 40 ft. above the level of the sea; but there are no measurements of this zort on which it would be safe to place much reliance. The doubtful salurity of the country, and the difficulty of getting labourers to carry on the works, would be among the most serious of the obstacles to the success of the undertaking. But these would not be so great. among the most serious of the obstacles to the success of the undertaking. But these would not be so great here as at Nicaragas, while the length of the transit, and the extent of the works, would be incomparably less. Even should a canal be carried across the isthmus by way of Nicaragus there can be little doubt that a rival communication will be effected by the isthmus of Panama. These will be symble bestience for these or services or annulticate.

communication will be effected by the isthmus of Panama. There will be ample business for two or more lines. See Nicaragua (Lake or).

A company has, in fact, been already formed in New York for the construction of a railway across the isthmus, to run from sea to sea; and we understand that they have either begun, or are about to commence carrying the project into effect.

the project into effect.

PANMA, a city and sea-port of Colombia, on the Pacific,
38 m. S.E. Chagres. Lat. 8° 56′ N.; long. 79° 31′ 2″ W.
Pop. 7,000. ? It stands on a rocky Peninsula, projecting
into the bay of Panama, and has an imposing aspect from
the sea. Its streets are well ventilated, and it is said to the sea. Its streets are well rentilated, and it is said to be cleaner than most Spanish American cities. It is encircled by irregular and not very strong fortifications, constructed at different periods. The houses are parily of wood, straw, and other fragile materials; but many are substantially built of stone, the larger having courtyards, or patios, in the old Spanish style. It had a cahedral, four convents, a numery, and a college. Most of these establishments were lately failing into ruin, as was a large and fine Jesuits' college. But, like Chagres, its state has most probably changed very materially within the last two or three years. Its roadstead is one of the finest in the world: there are a number of islands, a short distance from the main land, which afford secure anchorage for ships of any burden, and from which supas not distance for ships of any burden, and from which sup-plies of provisions, including excellent water, may usually be obtained. The tides daily rise and fall from 20 to 27 ft., so that it is peculiarly well fitted for the repair and build-

ing of ships.

Previously to 1740, when the trade with the Pacific first began to be carried on round Cape Horn, Panama was the principal entrepot of trade between Europe and W. America. From that period, however, it fell off; and its decay has been peculiarly rapid since the independence of S. America, and the opening of the other ports of the Pacific. But within the last two or three years it has again rapidly increased. And should a canal or rallway be carried across the isthmus, of which there can be little doubt, it will in all probability attain to greater commercial distinction than ever. In the course of the present year (1850) as many as 13 steamers are said to have been employed, at the same moment, in the trade between Panama and San Francisco.

Old Panama, founded by the Spaniards in 1518, stood

Old Panama, founded by the Spaniards in 1518, stood about 3 m. to the E. of the present town. It was de-

stroyed by the buccaneer Morgan in 1670. Shortly after which the existing city was commenced. (Dampier's Foyages, 1. cap. 7., &c.: Hall's Foyages, 1. 144—162; Hsumboldt, Nonseelle Espagne, 2de ed. 1. pp. 217—231; Lloyd in Geog. Journal, 1. 85. &c., and in Times of December, 1850; Chevalier, sur L'Isthme de Panama, 105—

Colony of Darien.—The place marked New Edinburgh, in Arrowsmith's map on the W. coast of the Gulph of Darien, derived its name from its being the site where, in 1698, the Scotch attempted to form a settlement. This colony was projected by a Scotch gentleman of the name of Paterson, the founder of the Bank of England, and was sealously patronised by all classes of his countrymen, who formed a joint stock company, and subscribed large sums to carry the project into effect. It was, however, extremely ill-suited for a country in the then situation of Scotland; and provoked the well-founded hostility of the Spaniards, and the bitter, though unreasonable and unfounded jealousy of the English West India merchants and ship-owners, who either were, or pretended to be, seriously alarmed lest this new settlement. In an unoccupied and unhealthy country, should seriously injure their commerce and navigation. The selfish opposition of these interested parties to the should seriously injure their commerce and navigation. The selfish opposition of these interested parties to the project, having been abetted by the English parliament, the king disavowed the company, and even issued orders to the governors of the West Indian and American colonies, charging them not to permit any intercourse with the Scotch at Darien! In consequence of these vindictive measures, and of the threatened hostillities of the French and Spaniards, the settlement was abandoned. This event was most acutely felt by the Scotch, whose pride was mortified by the failure of a scheme, of the success of which they had formed the most exaggerated expectations; and many of whom were ruined by the loss of the sums they had embarked in the project. It farther inflamed the existing prejudices against the Engfarther inflamed the existing prejudices against the Eng-lish, and against the projected union of the two kingdoms,

farther inflamed the existing prejudices against the English, and against the projected union of the two kingdoms, which happily, however, was not long after effected. (Laing's History of Scotland, iv. 261—277.; Burnet's History of his Own Times, iii. 299, &c. ed. 1758.)

PANIANY, a commercial town and sea-port of British India, Presid. Madras, prov. Malabar, on the Paniany river, 38 m. S. Calicut. It has numerous mosques, being principally inhabited by Moplays, or fishermen of Arabian descent. It exports teak, cocca-nuts, iron, and rice; and imports wheat, pulse, sugar, sait, catechu, and spices; but the mouth of its river is closed by a bar which only admits boats of small burden.

PAPA, a considerable market-town of Hungary, beyond the Danube, co. Wesprim, 82 m. S. E. Vienna. Pop., in 1837, 12,232. It was formerly fortified, and has a large castle belonging to the Esterhasy family. It has numerous churches; Rom. Cath., Lutheran, and Calvinistic colleges; manufactures of earthenwere, glass, and paper, and an active trade in agricultural produce. PAPAL STATES (THE), STATES OF THE CHURCH, or POPEDOM, an independent country of Europe, occupying the greater part of Central, with a portion of N. Italy, being principally comprised between lat. 410 and 450 N., and long. 110 and 140 R.; having N. austrian Italy, from which it is separated by the Po. W. Modena, Tuscany, and the Mediterranean; 8. and S.E. the Neapolitan dom. A and N.E. the Adriatic. It is very irregularly shaped; the length of a line drawn from its N. to its S. extremity may be about 270 m. Its very irregularly shaped; the length of a line drawn from its N. to its S. extremity may be about 270 m. Its very irregularly shaped; the length of a line drawn from its N. to tas S. extremity may be about 270 m. Its very irregularly shaped; the length of a line drawn from its N. to tas S. extremity may be about 270 m. Its regularly shaped; the length of a line drawn from its N. to Aspentines, which intersect the papal territories

tions.

The Apennines, which intersect the papal territories sarly in their centre, have here an average height of mearly in their centre, have here an average height of about 4,000 ft.; but Monte de la Sibilia rises to 7,210 ft. Brugaiére; and several other peaks are not greatly inferior in elevation. The provs. of Perugia, Spoleto, Camerino, and the others constituting what was formerly called the March of Ancona, are those principally covered with the ramifications of the Apennines, which, in this part of Italy, approach more nearly to the Adriatic than the Mediterranean, leaving, however, an extensive plain on either side: that on the N., between the Po and the Adriatic, comprises the legation of Ferrara, and the greater part of the legations of Bologua, Ravenna, &c. It includes the Valif di Commackio, a very extensive marsh, but, with this exception, is highly fertile and productive. The plain to the S. of the Apennines is of still more ample dimensions, embracing all the vast undulating tract known by the names of the Campagna and Maremme, extending between the declivity of the mountains and the sea from the frontiers of Tuscany on the one hand, to those of Naples on the other. The S. portion of this great plain, or that next Naples, consists of the district called the Pontine Marshes (an. Pomplime Palades), which, notwithstanding the vast sums expended upon it, is still very imperfectly drained. We have elsewhere fully described the present state of this nearly in their centre, have here an average height of about 4,000 ft.; but Monte de la Sibilla rises to 7,210 ft.

PAPAL STATES.

vast and naturally fruitful plain, famous in antiquity for its fertility, but now, unhappily, the seat of pestilence and death. (See and, p. 57.)

The Po, which forms their N. boundary, is the largest river of the Papal States; but by far the most celebrated is the Tiber. The latter rises at St. Albonigo in Tuscany, and runs generally S. or S. E., but with a very tortuous course, to within about 25 m. N.N.E. Rome, whence it flows mostly S. S.W. to its mouth in the Mediterranean, 15 m. below Rome, after an entire course of about 200 m. Before entering the sea there Tiber divides into two arms, enclosing the small island of Isola sacra. At Rome the greatest breadth of the Tiher is only about 400 ft., or scarcely one third part of the breadth of the Thames at Blackfirlars Bridge, and nearly approaching that of the Seine at Paria. It is justly entitled to its ancient epithet fassus, being almost constantly loaded with yellow mud, from the crumbling and disintegration of fit banks. Its principal affluents are the Topino, Nar, and Teverone on the left or E., and the Chiama on the right bank. It is navigable for boats to near Perugia. Except the Tiber, no river of any consequence falls into the Mediterranean in this part of Italy. The country to the R. of the Apennines has, however, a great number of rivers, though none of them be of any very considerable magnitude, falling partly into the Po and partly into the Adriatic. Several of the most celebrated Italian lakes are in the Papal States, as those of Perugia, (an. Lacus Thrasimesus) Bolsena, and Bracciono, (which see). The lakes of of the most celebrated Italian lakes are in the Papal States, as those of Perugla, (an. Lacus Thrasimensus) Bolsena, and Bracciano, (which see). The lakes of Vico, Albano, Nemi, Gabil, &c., though insignificant in point of size, are interesting from the classical associations with which they are connected. They are situated in a mountain region, and evidently occupy the

situated in a mountain region, and evidently occupy the craters of extinct volcanoes.

Geology. — The primary rocks in the Apennine region consist mostly of serpentine, mica, clayslate, and quarts. Gneiss is met with in various places along the coast. Mountain limestone is frequent, and indeed a large portion of the country consists of calcareous formations; but the region round the cap. is of volcanic origin, and abounds with volcanic products, as sulphur, alum, &c. Rome is principally built of volcanic tufa, which composes the general soil of the Campagna. Some sulphur springs also exist at Poretta, N. of the Apennines, and various kinds of mineral springs are common elsewhere.

elsewhere.

Climate.— In the legations N. of the Apennines, the thermometer often sinks in winter to 10° Reaumur, and oranges, lemons, &c., do not flourish in the open air. But the greater portion of the Papal States is situated within the 2d Italian region. Vegetation is here scarcely interrupted at any period of the year. The air in the mountain districts is pure and salubrious; but the plains of Ferrara and Bologna, the Campagna di Roma, and the Pontine Marshes, are at that season very unhealthy: the latter especially are subject to malaria. The origin of malaria has been a subject of much dispute, and we have already noticed some of the circumstances that have conspired to reduce the Campagna to pute, and we have already noticed some of the circumstances that have conspired to reduce the Campagna to its present all but desert state. (See anté, p. 57.) In antiquity it was bordered along the shore by dense forests; and it is believed by many, that the destruction of the woods has been a principal cause of the increase of maiaria. "The aucienia," says M. Simond. "planted, or preserved these woods, under an idea, probably erroneous, that they screened them from certain winds carries over the same and the same as to their contents. rying noxious vapours; but though mistaken as to their real mode of agency, they were quite right in supposing them useful. To the destruction of the woods the real mode of agency, they were quite right in supposing them useful. To the destruction of the woods the increase of solstitial fevers has been clearly traced; the one having uniformly followed the other. During the decline, also, and after the fall of the Roman empire, those stupendous aqueducts, which in earlier times brought whole rivers to Rome, having been broken and overturned, in some places poured their waters over the land, which became a marsh; and the population, diminished by wars, was further and still more reduced by pestilence. The country became more unhealthy as it was less inhabited; in the course of a few centuries the millions of ancient Rome dwindled down to 30,000; and it was not before the 16th century, under Leo X., that the scanty pop, grew more numerous. Another cause of the increase of malaria is, that sandy ridge gradually thrown up on both sides the mouth of the Tiber for many leagues; various outlets, natural and artificial, are thus cloked up; and hence the Pontine marshes, formerly confined to a narrow space near the promontory of M. Circello, now extend under other names all along the coast." (Tour in Italy, pp. 350—259.)

339.) Agriculture. — It has been estimated that of 590,000 rubbs of productive land (about 2,658,000 acres, or less than 1 part of the entire surface) 142,000 are arable, 163,000 in pasture, 14,600 in vineyards, 1,400 in gardens, &c., and 170,000 in woods. In the March of Ancona, and other mountainous districts, and round the towns and

villages, both the properties and farms are small; but it is otherwise in the Campagna and the plain of Bologna. The whole of the Campagna is divided into about 600 estates, varying from 500 to 1,000 hectares and upwards each. The largest of these vast estates, which are mostly held in mortmain, belongs to the chapter of St. Peter. The value of land is very various; the rent in the Campagna varies from § to 4 scudi per hectare. Beyond the naremme, as the pop, increases in density, the rental rises to perhaps 30 scudi per hectare, for land on which there are olive, vine, or mulberry plantations; or where there are olive, vine, or mulberry plantations; or where there are olive, vine, or mulberry plantations; or where there are olive, vine, or mulberry plantations; or owhere there are adjacent markets for corn. In the neighbourhood of Bome, where the land is rented at a fixed price, it readily sells for 40 years' purchase; while lands farmed on the metaver principle do not generally sell, owing to the greater difficulty of collecting the rent, for more than 30 or 35 years' purchase. Lands in the maremme are frequently rented by middlemen, who underlet them in smaller portions to the actual cultivators. But spaking generally, land is everywhere held under the suctager system, the occupyer paying a certain proportion, generally a half of the produce, to the owner. The soll is mostly fertile; but owing to the bachness of the government, which oppresses the occupiers with injudicious taxes; the want of capital, skill, industry, and markets; the ignorance of the cultivators, the number of holidays, and the prevalence of the metaver system, agriculture is in the most wretched state. The implements of hustaxes; the want of capital, skill, industry, and markets; the ignorance of the cultivators, the number of holidays, and the prevalence of the metayer system, agriculture is in the most wretched state. The implements of husandry made in the country are as rude as those described by Virgil; and heavy custom-house duties prevent the introduction of improved implements from abroad. The cultivated part of the maremme produces wheat, satise, beans, and wines; but the lands often ile fallow for from 3 to 7 years; and Mr. Maclaren states that, from what fell under his observation, not 1 acre in 8 is under the plough or hoe (Notes on Italy, 63.) In the more populous and best cultivated parts there is usually an annual change from spring grasses to corn produce; but yfar the greater part of this region is in a state of nature. Formerly all the farms were let with a considerable stock of horses, cattle, &c.; but the proprietors, when in by far the greater part of this region is in a state of nature. Formerly all the farms were let with a considerable stock of horses, cattle, &c.; but the proprietors, when in want of money, parted with them. In whatever direction the traveller may enter the Campagna from Rome, he would pass over at least from 20 to 30, and frequently from 50 to 60 m., without meeting with a single field cultivated by resident inhabs. In fact, though it embrace an area of about 4,000 sq. m., or 2,560,000 acres, it is not supposed to have a resident pop. of more than 16,000 or 18,000 inhab., mostly wandering shepherds. There is on each estate a casale, or large building, where the implements of husbandry are kept; but neither bakehouses nor kitchen gardens exist throughout the whole tract, he labourers being wholly supplied at a few scattered depots with provisions, sent thither from Rome. The shepherds are in about as depressed a condition as possible; they have a sickly, cadaverous appearance; their clothing consists principally of sheep-skins, worn with the wool outside; and they sleep either on the ground in the open air, or in some of the ruins with which the country is strewed. They are paid, not in money, but in cattle pastured with those of the farmer. The harrests in the Campagna are reaped by peasants from determents. but in cattle pastured with those of the farmer. The harvests in the Campagna are reaped by peasants from distant mountainous districts, who come to it in companies of from 20 to 100 individuals. Even in favourable seasons, \(\frac{1}{2}\) or \(\frac{1}{2}\) part of their number are attacked by fever; and in unhealthy seasons, the proportion is much larger. Many die in the hospitals of Rome, or in the Campagna; others perish on the road home; and others again return condemned to pass the remainder of their days a power to intermittent fever, or other diseases.

larger. Many die in the hospitals of Rome, or in the Campagna; others perish on the road home; and others again return condemned to pass the remainder of their days a prey to intermittent fever, or other diseases brought on by the climate; and yet such is the poverty of the pop. in the mountainous districts, that the chance of realising a few scudi continually tempts new adventurers to undergo the same risks.

In 1800, on the estate of Prince Rospigliosi at Zagarolo, land was let out at a low fixed rate in lots of a rubbito each (about 4) acres) to the peasantry to cultivate as they pleased; and this plan, it is alleged, had the best results. Cultivation extended for a considerable distance round Zagarolo into the plain beneath; and the climate of the neighbourhood was improved. Were such a plan followed round the other centres of civilisation, a considerable portion of the Campagna would, probably, soon lose a portion of list desolate and pestilential character, but neither the proprietors nor farmers show, in general, much disposition for change or improvement; and till the government and public economy of the state be completely changed, it were idle to expect that they should evince any such disposition. In order to arrest the depopulation of the Campagna, Pope Plus VII., in 1802, laid an impost of 5 passif per rubbio on the uncultivated land immediately round the towns, and deduced 5 pauli per rubbio from the tax on cultivated lands. But this miserable attempt to extend industry by fiscal regulations (though it appears to be approved by M. Sismond) necessarily failed. The regulation, which never was acted upon, speedily became obsolete; and the peasantry

of the Campagna generally remain in the same condition as before the French invasion. (*Simondi, Etudes sur I Economic Politique, il. 12—128.)

In the mountainous parts of the Papal States, where the country is divided into small farms, and rather thickly inhabited, pease, beans, and kitchen vegetables, which form a large proportion of the food of the peasantry, occupy most part of the land; the remainder being appropriated to wheat, maise, &c. Little skill is evinced in agriculture; the crops being generally raised only for the supply of the cultivators, no one thinks of raising those products for which his land may be the best fitted, till after he has provided an adequate supply of grain or other produce for the use of his family. In the mountains near Rome, white crops are taken from the grounds for 2 or 3 years successively, without any mamure being applied to the land; 3 crops of wheat may be succeeded by maise or kidney beans for 2 years, and once in 5 or 6 years, a crop of hemp or flax is, perhaps, raised. The grain is trodden out by horses, and winnowed by hand, immediately after harvest. The wages of a man in harvest time, amount, at Poll, to about 2 pauls a day, with bread and psignetic, or weak wine; but they are generally higher the nearer the district to the capital. The herismen in the Apennines take charge of the cattle belonging to many different persons, and tend them on the mountains, night and day, receiving at the end of the season payment from each proprietor, at the rate of 3 acud per month for every score of cattle. Besides bread and psignetic, of weak wine; but they are generally higher the nearer the district to the capital. The herismen in the Apennines take charge of the cattle belonging to many different persons, and tend them on the mountains, night and day, receiving at the end of the season payment from each proprietor, at the rate of 3 acud per month for every score of cattle. Besides bread and psignetity, on what many and those of season payment from each proprietor, at the rat

cotton, are cultivated near Terracina, though neither be grown to any great extent. Olive plantations were long among the most productive investments; but they are now less so than those of the white mulberry. The olive is abundant in the 8. provs.; and though the Roman oil be badly made, and mostly consumed at home, a million libe. have occasionally been exported in favourable years. Vineyards are said not to yield returns proportioned to the outlay. The vine is tolerably well cultivated in the vicinity of Veilletri; the plants in regular lines being tied to treillages of large reeds; but the most estermed growths are the light, white, muscadel wines of Orvieto and Montefascone, near Viterbo; they do not however. growths are the light, white, muscadel wines of Orvieto and Montefascone, near Viterbo; they do not, however, bear transport well, and are seldom met with out of the country. The timber of the dense forests in the deleg. of Viterbo is not turned to much account from the distance of markets, and is cut principally for smelting iron ore, making charcoal, &c. Cork trees abound in the country about Cisterna, Velletri, &c.

The rearing of live stock is, as has been said, the principal branch of rural industry. The number of sheep in the Papal States is estimated at 2000,000. There are two resisting the secretary a small short-legend variety in

cipal branch of rural industry. The number of sheep in the Papal States is estimated at 2 000,000. There are two varieties; the **segretit*, a small short-legged variety, in every respect resembling the breed of Dauphiny, except that their wool, though good, is chocolate-coloured; and the possible, a variety with wool of a whiteness almost equalling that of the breed of Aragon. Still, however, it would seem from the statements of Serristori that the total quantity of all sorts of wool exported from the Papal States does not exceed 800,000 lbs. a year, sent to Tuscany, Piedmont, France, and England. The ewes are mostly kept for their milk, and the greater part of the lambs are killed, the mutton not being good. About 1,000,000 lbs. cheese and 400,000 lamb-skins are annually exported, principally to the other states of italy. Cattle breeding is extensively carried on in the marshes of the Po, in the provs. Bologna, Perugia, &c.; and about 40,000 oxen are exported. Many buffaloes and hogs are kept in the marshes; and about 100,000 ox and buffalo skins are annually exported. The horses are mostly of good breeds, and are exported to Tuscany and Lombardy. Goats are extensively reared, their feels and almb being the principal animal food. In Perugia and other delegs, great numbers of poultry, and in Profil. other delegs. great numbers of poultry, and in Forli, Macerata, &c., many bees are kept. (Châltesswieus, Italy and its Agric.; Bourring's Report on the Roman States; Graham; Simond; Sismondi, Etudes sur l'Economie Politique; Serristori, Statist. d'Italia, Part vi.)

The fisheries on the coast are almost wholly conducted by Neapolitan fishermen. Mining industry is also at a very low ebb. The government works the mines of alum at Tofia, but the rest are left to private speculators. Iron ore is pretty abundant in some places, but only a few traces of other metals have been discovered. About 4,000,000 lbs. of sulphur are raised in Romagna at Pessaro, &c.; and 100,000 lbs. of vitriol at Viterbo, half of which is exported. Lime, building stone, potters' clay, variegated and statuary marbles, filler's earth, bitumen, naphtha, and coal are met with; but the last, though under the French it was raised in considerable quantities, is no longer made use of. From 70 to 80 milquantities, is no longer made use of. From 70 to 80 mil-lion pounds of salt are annually made at Cervia, Comma-chio, Corneto, and Ostia, rather more than the half of

which is sent to the adjacent states.

Manufactures, though in the most depressed and back-Manufactures, though in the most depressed and back-ward state, serve almost entirely for home consumption. Woollen fabrics are the principal, and include cloths, cassimeres, serges, woollen caps, blankets, and carpets. Rome, Spoleto, Matalien, Perugia, Norcia, &c., are the chief places in which these are made; but since their manufacture has ceased to be bolstered up by govern-ment premiums, their production has greatly diminished, and their total yearly value does not exceed 300,000 scudi. Hats, of the value of 200,000 sc., are made principally at Rome; good felt cloth at Fabbriano; silk goods at Rome, Bologna, Camerino, Perugia, Pesaro, &c.; teather and Rome; good felt cloth at Fabbriano; silk goods at Rome, Bologna, Camerino, Perugia, Pesaro, &c.; leather and gloves at Rome; and paper, about 3,600,000 lbs. a year, are the other most prominent manufactures. Bologna was formerly famous for its crapes, but the value of the exports of these does not now exceed \$0,000 sc. a year. The iron furnaces are estimated to yield 18,000,000 lbs. pig, and about 2,000,000 lbs. a year bar iron; rasps, files, nalls, needles, pins, screws, &c., are made in various towns; glassware, to the value of \$0,000 scudl, copper goods to \$0,000 dc., earthenware to about 150,000 dc., &c. Roman musical strings enjoy a high and deserved celebrity, and are exported to most countries of Europe. The most flourishing branch of manufacture is the refaining of sulphur, a product which, under a free rope. The most flourishing branch of manutacture is the refining of sulphur, a product which, under a free system, might be supplied in unlimited quantities. (Ser-ristori, Statistica; Bouring, &c.) Such is the meagre catalogue of Papal manufactures. "Many a town of Great Britain, of only 30,000 inhabs, produces a greater quantity of manufactured goods than the three million inhabs, of the Pontifical States! Notwithstanding the enormous sacrifices made by the Papal government, the protections, the prohibitions, the premiums given for the encouragement of what is called native industry, scarcely a valuable discovery has been introduced: the scarcely a valuable discovery has been introduced; the woollen spinning, in some cases by hand, in others by machinery, is far behind its state in England, Belgium, Prussia, or France. The looms, such as were generally employed in the 14th century, are little better than those used by the Indians of the Deccan; the rowing and carding are wholly done by solitary workmen, and with the ancient teasels and hand cards; the shearing with the ancient teasels and hand cards; the shearing with the ancient ceases and hand cards; the shearing with the antique hand shears, such as have been employed from immemorial time; and in some places the fulling is performed by men employed to trample on the cloth, a process probably not now to be found in any other part of the civilized world." (Buoring's Rep., p. 84.)
Commerce.—From the circumstance of the Apennines dividing the country into two portions, between which

there is little communication, some provs. are exporting while others are importing the same kinds of produce. The N. provs. have generally a superabundance of corn, The N. provs. have generally a superabundance of corn, while in the S. provs. the crops are insufficient for home consumption. On the other hand, oil is exported from the S., while in the N. legations, the Marche, &c., 3,000,000 lbs. are annually imported from S. Italy and Tuscany. Besides the articles of export previously specified, about 3,000,000 lbs. rags are sent every year from the N. legs., partly to Genoa as manure for orange trees; planks are sent to Spain, France, and America; organzined silk, about 200,000 lbs., chiefly to France and England; about 450,000 lbs. hyperically to France and England; about 450,000 lbs. links, chiefly to France and England; about 450,000 lbs. links, with vinegar, cork bark, tartar, wead, tallow, bones, honey, works of art and antiquities, are the other principal exports. The imports, in addition to those already noticed, are raw sugar, about quities, are the other principal exports. The imports, in addition to those already noticed, are raw sugar, about 10,000,000 lbs. a year, and other colonial products from England and France, coarse wool for mattresses, cheese and butter from Lombardy, salt fish, pilchards, &c., from England, to the amount of 8,700,000 lbs. a year; about 2,000,000 lbs. of iron ore from Elba, and the same quantity of lead annually from England, and metals and manufactured goods of most kinds from N. and W. Europe. (Servistor), Statistica of Italia.) Servistor estimates the total annual value of the imports at nearly 7,000,000 and that of the exports at above 5,000,000 scudi. The importation of salt, tohapeo, alum, and some other kinds of native produce, including wheat when the price is under 14 sc. the rubbio on the Mediterranean, or 12 sc. on the Adrialic, is prohibited; as is the export of hempseed and wheat, when the price is above 16 sc. in the Mediterranean wheat, when the price is above 16 sc. in the Mediterranean when the price is above 16 sc. in the Mediterranean wheat, when the price is above 16 sc. in the Mediterranean continues the superior of hempseed and wheat, when the price is above 16 sc. in the Mediterranean continues the superior of hempseed and wheat, when the price is above 16 sc. in the Mediterranean continues the superior of hempseed and wheat, when the price is above 16 sc. in the Mediterranean continues the superior of hempseed and wheat, when the price is above 16 sc. in the Mediterranean continues the superior of hempseed and wheat, when the price is above 16 sc. in the Mediterranean continues the superior of hempseed and wheat, when the price is above 16 sc. in the Mediterranean continues the superior of hempseed and wheat, when the price is above 16 sc. in the Mediterranean continues the superior of hempseed and wheat, when the price is above 16 sc. in the Mediterranean continues the superior of the superio

diterranean, and 14 sc. in the Adriatic ports, and other grains in proportion. The importation of such books as would communicate any useful information, as to politica, political economy, or philosophy, is of course absolutely forbidden. Nowthistanding the low state of manufacturing industry, high duties are levied on stamped cottons, 80 sc.; and porcelain, 20 sc. per 100 lbs. The principal seats of the foreign trade are Ancona and Civita Vecchia. In 1838, 1,292 ships, of the aggregate burden of 66,628 tons, with cargoes of the value of 1.109,300 sc. cleared from the former port; and in 1837, 1,530 ships, burden 132,402 tons, cleared out of the latter. (Parl. Reports, 1838; Bourring's Reports, 4c.)

Accounts are kept in sead! (crowns), = 4s. 34d. each, and divided into 10 paoli and 100 balocchi. The Roman 160brs or pound of 12 oncie and 288 danari = nearly 13 os. avoird. The barrie of wine, of 32 boccail, and 18 logilette = about 13 gails.; the barrie of oil contains only 28 boccail. The Roman foot = 11.7 Eng. inches; the paime of architects = about 18 gails.; the barrie of oil contains only 28 boccail. The Roman foot = 11.7 Eng. inches; the paime of architects = about 18 gails.; the barrie of oil contains only 28 boccail. The Roman foot = 11.7 Eng. inches; the paime of architects = about 18 gails.; the barrie of oil contains only 28 boccail. The Roman foot = 11.7 Eng. inches; the paime of architects = about 18 gails.

The Government is wholly ecclesiastical, no one being eligible to fill any civil office who has not attained the rank of about. The pope enacts all laws, and nominates to all clerical appointments. He is assisted, however, by the High College of Cardin

The whole frame of government is, in fact, a tissue of abuses.

On the fall of Napoleon, the allenation of church domains was confirmed; but the compensation since made to their former owners, and the restoration of suppressed churches and convents, have cost the government proligious sums, and are the principal causes of the wretched state of the finances. (*Fon Resource's Italy.) Withis the limits of the Papal States there are no fewer than 8 archbishops' and 59 bishops' sees; and it is estimated that in Rome there is a clergyman for every ten families. It is needless to add that this super-abundance of priests, instead of promotting religion and morality, is, in fact, a principal cause of their low state in the city. The outward deportment of the Papal court is, however, at present highly decorous. "Those times so disastrous, and disgraceful, when the Popse had so many rephews, and those nephews built so many spiendid palaces and villas, called by the Romans, in derision, miracles of St. Peter, are now almost as much forgotten in Rome, as the times when horses were made consults, and cunuchs emperors." (Lymen's Pobs. State of Italy.)

consults, and cunteens empewors.

of Italy.)

Public Instruction. — There are 2 chief universities —
in Rome and in Bologona, — each having at least 38 professorships; and 6 universities of secondary rank — at
Ferrara, Perugia, Camerino, Macerata, Fermo, and Urbino, — each at least with 17 professors. The university
of Rome was, in 1839, attended by 843 students (Servistable 18 to 6 Bologon, which ranks, in Italy, second only to Pavia, is usually attended by from 800 to 600 students; that of Perugia by about 300; and those of In the most degraded state imaginable. It is wholly in the hands of the clergy; and is conducted on the prin-ciple, if we may so call it, of imbuling the pupils with the grossest prejudices, and of proscribing every study or persuit that might tend to expand or easilyhers their minds, or make them acquainted with their rights and duties. The university education, excepting, perhaps, is so far as respects medicine, is altogether contemptible. Even theology is not efficiently tampht; and philosophy, politics, and political economy are as little reliabed in Rome as in Morocco. politics, and politics.

is to far as respects medicine, is autogener contemporaries. Even theology is not efficiently taught; and philosophy, politics, and political economy are as little reliabed in Rome as is Morocco.

The comorship of the press is severe in the extreme; and the gasettes published in the different towns insert nothing not approved by the censors. The journals, of which there are several, devoted to Belles Letters, and injustics, the fine arts, &c., being under a less severe surreliance, occasionally display originality and learning; but the literature of the Roman States is, like their government, enasculated and imbeelie. "The Eternal City prohibits all the best works on mental philosophy. She has not one evaluent man of science; and if she had a Cuvier or a Bockland, she would not permit him to lecture or to publish his discoveries to the world till they had been subjected to the pruning laife of some ignorant censor. The apathy and timidity, the dread of independent thinking and free inquiry manifested by the Papal government, assems, however, to admit of easy explanation. Its dogmas, its rites, its principles of action were framed in accordance with the opinions of the 12th century. It does make some changes silently, by dropping a few untenable pretensions; but it can make no great and marked change without shandoning its professed character of being the depository of immutable truth. The rulers of Rome, therefore, finding themselves unable to raise up their old institutions to the level of modern knowledge, endeavour to keep down this knowledge to the level of their not institutions. They see the props and stays of their system dropping off, and one source of influence falling after another, and their prudence coussels them to shut out, as far as they can, the light which is sapping their authority, and to look upon innovations, even of the most harmiess kind, with suspicion. They are religious Conservatives in the strictest sense of themes on esistesse mendelity, wrethedeness, and want revail to a frightful e

vings' banks have been established with considerance coess. (Bourring's Rep. pp. 88-90.)
The army, if so it may be called, is under the direction a cardinal-president, and a board of 3 general officers; d consisted, in 1850, of a permanent force of 14,000 nr, (10,760 infantry, 3,239 eavalry, &c.); and a body reserve and national guard, together amounting to 00 men.

The principal fortresses garrisoned by the Pope are se of Rome, Clvita Vecchia, Urbino, Castal Franco, raccina, and Ancona: by the treaty of Vienna, the peror of Austria has the right to garrison Ferrara and nmachio.

nmachio.

The taxes are very heavy, and are imposed in the at possible mamer. The principal consists of a land; heavy duties are also laid on most articles coned in towns and villages; and all sorts of grain; pet rye, maive, barier, and oats, pay a heavy tax in ground at the mill. Salt, tobacco, alum, and oi, are monopolies in the hands of government. The rms' duties are probably, however, on the whole, the oppressive and injurious. The lottery, also, not-standing its demoralising influence, is a fertile source venue; and contributes, in fact, about one tenth of the entire public revenue!

of the entire public revenue!

story. — The rise of the Fopedom as a temporal
r dates from 755, when Pepin, king of the Franks,

Caserio, Macrata, and Urbino by about 200 each. Invested the pope with the exarchate of Revenua; to Altogsther, upwards of 2,600 students annually attend the univertiles. (Journal of Education, viii. 200.) There are various other high colleges in Rome, &c., the principal of which is the Gregorian (see ROME). Secondary school exist in most towns; but there is no general system of elementary instruction, and it has been estimated that only I in 60 of the pop. attend public schools. The truth is, that education in the Papel States is in the most degraded state imaginable. It is wholly in the hands of the clergy; and is conducted on the principal of the Papel States is in the most degraded state imaginable. It is wholly in 10 to 10

of the 14th century the pope acquired full jurisdiction over Rome and Sabina. Ferrar was acquired in 1898, Urbino in 1838, and Orviteto in 1849.

The French invaded the States of the Church in 1797, after which the N. legations were annexed to the Cisalpine republic. In 1798, Rome was taken by the French, and in 1810 the whole of the Papal States were included in the kingdom of Italy. Since 1815, most part of the pope's former dominions have been restored; but his authority, especially in the N. legations, is far from being well established, and his power as a temporal prince depends wholly on the support given him by Austria.

Since this paragraph was written, il years ago, the Papal States have been the theatre of some singular events. The present Pope, having been elected to the chair of St. Peter, on the 16th of June, 1846, took the title of Plus IX. It would appear, in so far as an opinion may be formed from his proceedings, that he is a liberul minded, though, perhaps, rather a weak man. The commencement of his positicate was characterised by some considerable reforms. These, however, though probably as much as could be undertaken with any prospect of advantage by the Papal government, served only to unsettle the minds of the Italians, and to inflame the passions of the Carbonari, and other headlong revolutionists. In this state of things the revolution of Paris in 1848, and the subsequent outbreak in Visnus, had a powerful influence in the centing the processing the passions of the Carbonari, and other headlong revolutionists. In this state of things the revolution of Paris in 1848, and the subsequent outbreak in Visnus, had a powerful influence in the centing the processing the p

of the Italians, and to instane the passions of the Carbonari, and other beadlong revolutionists. In this state of things the revolution of Paris in 1848, and the subsequent outbreak in Visenae, had a powerful instance in the peninsula, and especially in Rome. The moderate reforms of Pius were despised, his minister (Count Rossi) was assassinated in open day, and he was himself obliged to seek his safety by flight from the country. By what appears to be a curious contradiction, he has been restored by the arms of the only government called into existence by the revolutions of 1848. A powerful French force having arrived at Rome, in 1849, iaid siege to the dity, which they took after a resistance prolonged by the unwillingness of the besiegers to take any measures against the town that might compromise its great remains of ancient and modern art. The Pope returned to the Vatican on the 18th of April, 1860; but it is difficult to say how long he would continue there were the French force withdrawn. But it is not difficult to see, but obvious, that the only safe and really efficient Italian reformer, must be an intelligent general like Napoleon, at the bead of 100,000 foreign troops.

PAPUA, or NEW GUINEA, a very large island, or perhaps a dense cluster of islands, in the E. Archipelago third division; between the equator and the 9th deg of 9. lat., and the 180th and 150th degs. of E. long.; having N. and E. the Pacific Coesan, W. and S. W. the sea in which Gliolo, Ceram, the Aroo Isles, &s., are situated, and S. Torres Straits, separating it from hastralia. It is indented by several deep bays; but even its coast line is in many parts unknown, and its interior has been but little explored, and is, in fact, a terra recognisis. The coast, viewed from the sea, rises gradually into hills of considerable elevation; but no mountains of any remarkable height have yet been discovered. The whole alread being covered with paim trees and timber of a large size, little can be said respecting its soil, which, however, is presu and nugs; and that to the E. Or clisto no norreed animals of any description are to be found. The woods abound with wild hogs, which the natives kill with spears and bows and arrows, in the use of which they are very expert. There is reason to believe that gold is found in the latest of the time. bows and arrows, in the use of which they are very expert. There is reason to believe that gold is found in the interior of the island. The natives of Papua appear to consist of two distinct races; those in the W. being identical with the negroes of the E. Archipelago, while the inhabs. of the E. part of the island belong rather to the sallow complexioned long-haired natives of the South Sea Islands (see POLYNEMA). The Papuan negroes, of whom a brief notice is given in the art. ABCHIPELAGO, EASTERN (I. 149.), continue, for the most part, in their original state of nakedness and barbarism, devoid of homes or clothing, and subsisting principally on the precarious produces of the chase, or on the spontaneous products of the forests. On the N. W. coast, which has been the most frequently visited by Europeans, the dwellings of the natives are raised on posts, as in other nas oeen the most frequently visited by Europeans, the dwellings of the natives are raised on posts, as in other parts of the Archipelago and among the Ultra-Gangetic nations of the Asiatic continent. These tenements accommodate many families, who live in cabins on either side of a wide common hall that occupies the centre of the building. The cabins are miserably furnished; a

extensive, come to the incinciously, extensions, and ing it with feathers.

The men in general wear a portion of the inner bark of the excoa-nut tree, resembling a coarse kind of cloth, fastened round the middle; and the women use blue Surat baftas in a similar manner. Boys and girls go entirely naked till puberty. All are fond of glass and culoured china beads, and wear them about their wrist, &c. The women, as generally happens among savages, lead a laborious life; and Forrest says that he has often seen them labouring hard in faing posts in the ground for stages, in making mats, or in forming pieces of clay into earthen pots, while the men were asumering about. In the interior the inhabs, are supposed to practise gardening and some sort of agriculture, as they supply the inhabs, on the coast with food, in exchange for axes, knives, and other coarse cutlery. The natives on the coast purchase these from the Malays and the Chinese,

the inabs. on the coast with 100d, in exchange for axes, knives, and other coarse cutlery. The natives on the coast purchase these from the Malays and the Chinese, particularly the latter, from whom they also buy blue and red cloths. In exchange the Chinese carry back missoy bark, staves, ambergris, see alug (bicke de mer), tortoise-shell, small pearls, birds of paradise, and many other species of dead birds, which the Papuas have a marticular method of drassing.

other species of dead brus, which the rapuss have a particular method of dressing.

The Dutch may have some trade with Papua; but Mr. Earl says that no intercourse whatever takes place

between it and the British settlements in Australia, Sin-gapore, or elsewhere in the East.

The inhabs. of the more westerly islands of the B. are innane. of the more westerly islands of the E. Archipelago buy the Papuans for slaves; and the natives of the W. coast of Papua make slaves of those of the E. and sell them to strangers. With a similar view, probably, they were formerly, and perhaps still are, accustomed to assemble in great numbers, and make war on the inhabs. of Gilolo, Ceram, Ambloo, and other islands still farther W.

The Arabians, in their early voyages, appear to have come into contact with the Papuans, whom they con-stantly describe as cannibals. Papua was discovered by SEARILY GESCRIBE AS CARRIDARS. FAPILE WAS DISCOVERED BY Europeans in 1511, and frequently resorted to by the Portuguese during the 16th century. Towards the end of the 18th century, Forrest, McCluer, and other British navigators visited it; since which it has been but little

noticed.

PARA, formerly called Belem, a city and scaport of Brazil, cap, prov. of same name at the confluence of a considerable river, with the great seturary of the Toceantins, or Rio Para, on its S. side, opposite the island of Joanes or Marajo, estimated about 60 m. from the Atlantic, and 300 m. W.N.W. Maranham; ist. 19 30° S., long. 48° 22′ 33′ W. Pop, estimated at 20,000, incl. comparatively few negroes. It stands in a fertile plain, and is one of the finest Paraillan cities. Its attreats being straight, and few negroes. It stands in a retrue main, and as one of the finest Brazilian cities, its streets being straight, and the houses almost all of stone, and both solid and elegant. The cathedral, and governor's palace, are said to be magnificent edifices. There are several other churches, gant. The cathedral, and governor's palace, are said to be magnificent edifices. There are several other churches, but only 2 convents appear to exist at present, that of the Mercenarios having been converted into barracks, and the Jesuit's college into the episcopal palace and seminary. Para has a judicial tribunal, royal college, botanic garden, hospital, theatre, and arsenal. The harbour is confined, and is said to be diminishing in depth; the approach from the ocean is slos rather difficult, and it is always expedient to take on board a pilot at the mouth of the sextuary. The principal articles of export are cocoa, of which it exports above 35,000 bags; caoutchouc, of which it is the principal articles of export are cocoa, of which it exports above 35,000 bags; caoutchouc, of which it is the principal articles of export and cotton, amounting in all from 150,000. to 170,000. a year. The sugar grown in the neighbourhood is bad, the soil not being favourable for the cane. The communication with Great Britain is principally with Liverpool. Ships of war have been built here; and timber used to be exported to Lisbon for the use of the arsenals. The climate of Para is very hot; and thunder storms occur almost daily. It was formerly deemed very unhealthy, but in this respect it has latterly been materially improved. (Mauce's Tras. in Brazil, 403, 404; Mod. Tras., XXX.; Dict. Géog.)

PARAGUAY, an indep. state of S. America, principally between the 21st and 27th degs. of S. lat., and the 4th and 8th of W. long.; having N. and E. Brazil.

XXX.; Dict. Glog.)

PARAGUAY, an indep. state of S. America, principally between the 21st and 37th degs. of S. lat., and the 54th and 58th of W. long.; having N. and E. Brazil; S. E. and S. the territory of La Plata; and W. the latter repub. and Bolivia. Shape nearly oblong; length N. to S. about 460 m. Estimated area, 74,000 sq. m. Estimated pop. 250,000 (American Almanac, 1850); principally whites of Spanish descent, native Indians, ungroes, and mixed races originating from the foregoing,

PARAGUAY.

mat or two, a fire-place, an earthen pot, with perhaps a china plate or pasin, and some sago four. As they cook in each cabin, and have no chimney, the smoke issues at every part of the roof; and at a distance the whole building seems to be on fire. Their clothes are very scanty, but they contrive to bedizen themselves so as to attract the attention of European observers. Their hair is not so short, close, and woolly as that of the African negro, and they wear it bushed out round their heads to the circumference of 2½ and 3 ft.; and, to make it more extensive, comb it out horizontally, occasionally adorning it with feathers.

The men in general wear a portion of the inner bark of the eccoa-nut tree, resembling a coarse kind of cloth, fastened round the middle; and the women use blue Surat baffas in a similar manner. Boys and girls go entirely naked till puberty. All are fond of glass and culoured china beads, and wear them about their wrist, and the wooded, and accounted china beads, and wear them about their wrist, and the wooded, and a coloured china beads, and wear them about their wrist, and the wooded, and wear them about their wrist, and the wooded, and wear them about their wrist, and the wooded, and wear them about their wrist, and the wooded, and wear them about their wrist, and the wooded, and the wooded, and wear them about their wrist, and the wooded, and wear them about their wrist, and the wooded and the wooded and the wooded and the wooded and the woods and wear them about their wrist, and the woods and wear the woods and wear the woods and wear them about their wrist, and the wood the wo parts of the Argentine republic. It is well wooded, and diversified with undulating hills and verdant vales. Mr. Robertson, who entered it at Neembucu, states, "I

diversified with undulating hills and verdant vales. Mr. Robertson, who entered it at Neenbuck, states. Mr. Robertson, who entered it at Neenbuck, states. Mr. Robertson, who entered it at Neenbuck, states. Mr. I was glad to meet with much more frequent traces of cultivation and industry than were to be found in the solitary tracts over which I had heretofore sped my monotonous way. Whitewashed cottages often peeped from among the trees, and around them were considerable fields of the cotton, yucca, and tobacco plants. The indian corn and sugar-cane were also frequently to be seen in the vicinity of the farm-houses of a better character than the cottages; and there was abundance of wood and of the prickly pear. With the latter, the cultivated country, as well as the potrros or paddocks, were invariably well fenced." (Letters from Paraguags, I. 286, 280.)

Almost half the entire territory is national property. It consists of pasturage lands and forests, which have never been granted to individuals, the estates of the Jesuit missions, and other religious corporations; and a great number of country houses and farming establishments confiscated by the late dictator. The latter past great stemtion from the commencement of his reign to the improvement of agriculture, and to rendering the government property productive; and, by so doing, created a branch of revenue which, aided by time and a wise government, may be found sufficient of itself for all the wants of the state. He let a part of these lands at a very moderate rent, and for an unlimited period, under the single but indefinite condition, that they should be properly cultivated, or turned into pasturage. On other parts of these lands

wise government, may be found sufficient of itself for all the wants of the state. He let a part of these lands at a very moderate rent, and for an unlimited period, under the single but indefinite condition, that they should be properly cultivated, or turned into pasturage. On other parts of these lands he established large farms, where thousands of cattle and horses are bred. These supply the cavalry with horses, and the troops with provisions; besides which, they also furnish great numbers of oxen for the consumption of the capital. For these the dictator required a high price, and would allow no one to undersell him. The farming establishments were objects of peculiar solicitude to him; and every month the master herdsmen were obliged to make a detailed report concerning them. (Reuger and Long-champ's Reign of Francia in Parag., 174-6.)

The arbitrary measures of Francia certainly produced a salutary result on farming economy at large throughout Paragusy. Before the establishment of his sway, the farmers never thought of cultivating any article beyond tobacco, the sugar-cane, and yucca-root; while the gathering of the mate or Paragusy ten engrossed almost all thands. In 1820, an extent of country, 80 leagues is circumference, was devastated by locusts, and a famine impended over the luhabs. To avert this, the dictator compelled the proprietors to sow a second time, a large portion of the land which had been laid waste, and the harvest that followed was most abundant. On the complete success of this experiment, Francia determined to extend his measures to the whole country, so that, ultimately, every farmer was under the necessity of employing himself in that particular branch of agriculture which the dictator pointed out! By these violent regulations, which, perhaps, were, at the outset, the best suited for the country, a total change in its rural economy was produced; it is no longer customary to import common necessaries from Buenos Ayres and the adjacent provs. The migration of the rural pop, has been fo

PARAGUAY.

tree, growing wild and in great abundance in the dense forests in the N. and E. provs. to which the natives respect in great numbers for its collection. It is difficult to genetrate the country where it is found; but the profits derived from the article are ample, Paraguay tea being in as general demand throughout La Plata, Chili, and many parts of Peru, as the teas of China are in Europe. Its collection is undertaken by merchants in Assumption, who each employ a master-workman or absituator, and from about 20 to 50 peons, the master provisions, with money advanced to him by the merchant. The boughs of the yerba, with the leaves attached, are first hewn down and scorched; the leaves being then roughly removed, and dried by being placed over a wide arch of wood work, underneath which a large fire is kindled; and, together with the small twigs, they are afterwards ground to powder by a rude wooden mill. The tea is next weighed and stored by the overseer, who pays the peous for it, at the rate of 2 rials or is, each arrobs of 25 lbs. It is next rammed tightly into bego of bull's hide, which are left to dry in the sun, and is each arroba of 20 lbs. It is next rammed tightly into bags of bull's hide, which are left to dry in the sun, and contain from 200 lbs. to 230 lbs. each; and in this state it goes to market. Mr. Roberts-in estimates that for six months' work, the poon may obtain about 57*l*. In wages; but he has run in debt to his master perhaps 12*l*. before extering the woods, and as much more while employed there, for neither of which sums he has got half the value. Of the remaining balance of 33*l*., he spends perhaps 12*l*. in ornaments for his horse, 5*l*. more in personal decorations, and the rest in gambling, to which all are very much addicted. "In a month the peon re-sells his horse-furniture and personal apparet; and in a fortnight

decorations, and the rest in gambling, to which all are very much addicted. "In a month the peon re-sells his horse-fursiture and personal apparel; and in a fortnight after that he is left without a farthing; and in a week more he is to be found again naked in the perbacks." (Bobertson's Letters, 1. 134–150.)

**Manufactures received a considerable impulse from the dictator's prohibition of foreign commerce. The people had previously imported cotton, woollen, and almost all other manufactured goods; and there used to be no such thing as a good workman in Paraguay. But the exercise of ingenuity was excited, not only by necessity, but by terror. The dictator caused a gibbet to be erected, and threatened a poor shoemaker to hang him up, because he had not made some belts of the size he required; and once he sentenced an unfortunate smith to hard labour, because he had improperly placed the agist of a cannon! (Reugger, &c. p. 90.)

Francia, next to personal aggrandizement, appears to have been actuated by the short-sighted, barbarous policy of wishing to render Paraguay dependent solely on her own internal resources, and wholly unconnected in any way with any other S. American state. Except on ber own internal resources, and wholly unconnected in any way with any other S. American state. Except while Paraguay remained a Spanish prov. the yearly value of its exported produce fell little short of 1,500,000 lollars. 8,000,000 lbs. Paraguay tea were annually sent to shoacco, large quantities of timber, cotton, sugar, molasses, spirita, &c. But the only trade, if so it may be called, which has been carried on of late years, was on account of the dictator. "When he wants an assortment of foreign goods, a permit is sent over to the adjoining prov. of Corrientes for a vessel to proceed to the oppocauses, which has been carried on or late years, was on account of the dictator. "When he wants an assortment of foreign goods, a permit is sent over to the adjoining prov. of Corrientes for a ressel to proceed to the opposite port of Nesmbucd. On her arrival there, the invoice of the cargo is immediately forwarded to him at Assumption, from which place, after selecting such articles as he requires, he orders a quantity of yerba-make to be sent on board in payment. There is no appeal from his own valuation: no one is allowed to go on shore, and the ship is sent back as soon as the yerba is delivered. This article is in such demand, from his having stopped the trade in it, that the people of Corrientes are giad to get it upon his own terms. In the same manner, for a short period, he allowed a peddling traffic to be carried on between the Brazilian missions beyond the river Uruguy and the port of Yapua, but that trade he altogether stopped about 10 years ago." (Parish's Buenos Agres, Sc., 234, 235.)

gets and the port of Lapus, but that trace he alto-gether stropped about 10 years ago." (Parish's Buesos Agres. &c., 224, 225.)
The government of Paraguay is an anomaly in the pre-sent times. It approached under Francia as near to an ab-solute despotism as can well be conceived, the dictatorshop of Sylla in ancient Rome being the only model with which it may be compared. The state is nominally republican, having a so styled congress of several hundred members; but the entire power centred in the dictator, who was not only commander-in chief, but head of the church, the law, and every other branch of the administration. The country is divided into 20 sections, or commandascdes, exclusive of a territory in the S. E., called the Missions, occupying 600 sq. leagues, and governed by a special officer. Besides Assumption, the cap., there are but four towns in Paraguay; the other collections of houses being mere villages. There was no law save what was Prancia retained fromband, the companion of Hamboldi, with

dictated by the caprice of the dictator; and his punishments were as barbarous as his policy was tyrannical and oppressive. The military force comprised about 3,000 men, principally cavalry; besides which, there is a militia, comprising every free male citizen, 17 years of age, and capable of bearing arms. The naval force consists of only a few brigantines and gun-boats. The amount of the public revenue is uncertain: it is drived from state property. The greater part of which has been from state property, the greater part of which has been confiscated; tithes in kind upon all articles of produce, the right to levy which is sold each year to the best the right to levy which is sold each year to the best bidder; taxes upon shops and store-houses in the cap; the droit d'audaine, or right to the property of all to-reigners dying in Paraguay; fines, postage, sale, stamp and commercial dues, &c. The principal state expendi-ture is for war-stores, an i the support of the army. There is no public debt. Public education is not much encouraged; but there are many primary schools for male children, and, according to Reugger and Long-champs. "It is a rare occurrence in this country, where champs, "It is a rare occurrence in this country, where no printing-press exists, to find a free man who cannot read and write." Morals are at a very low ebb.

Faragulay was discovered in 1526 by Sebastian Cabot. The Jesuits afterwards established many missions in the

S. purt of the country; and were supposed to have effected astonishing improvements in the condition and

Paraguay was discovered in 1926 by Sebastian Cahot. The Jesuits afterwards established many missions in the S. part of the country; and were supposed to have affected astonishing improvements in the condition and habits of the natives; but no sooner had they been expelled in 1768, than the fabric they had been so long in raising fell straightway to pieces, and the Indians relapsed into their former barbarism. In 1776 Paraguay became a prov. of the viceroyalty of Buenos Ayres. In 1810, the Buenos Ayres revolutionary troops were defeated by the Paraguayans; but the latter soon afterwards deposed their governor, and in 1813, proclaimed Paraguay a republic under two consuls. In 1814 the second consul, Dr. Francia, found means to get himself made sole dictator for 3 years, and at the expiration of that term, for life. In 1826 Francia declared Paraguay independent, and its independence was formally recognised by the emperor of Brasil in 1827. In 1841, General Lopes, the present president, succeeded to Francia, and the oppressive policy of the latter has since been considerably modified. (Robertson's Letters on Paraguay; Renger and Longechemps; the Reign of Dr. Francia; PARAMARIBO. See Guana (Driven).

PARGA, a fortified town and sea-port of European Turkey, in Albania, sanjack Delvino, on the Ionian Sea, near the mouth of the Fanar (an. Ackeron), 48 m. S. W. Yannina, and 13 m. E. Panc; lat. 39° 10' 40' N., long, 30° 24' E. Pop. 4,00. It is built amphituestrewise on the side of a steep rock, surrounded on three sides by the sea, the summit of which is crowned by an almost impregnable fortress, commanding a magnificent view of the surrounding coast and country. It is surrounded by strong walls, and has a double harbour. The streets are narrow, steep, and dirty; it has no public builtings of importance, and many of the houses are in ruins. The inhabs. export oil, tobacco, different kinds of fruit, and some tolerably good wine, all being the produce of the fertile and well-watered tracts surrounding the town. Sir J. C. H

Prenote retained Bonpland, the companion of Humboldt, with not any just cause, in confinement in Paraguay for nine years!

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don in magnitude and importance, in the dep. of the Seine, of which, with its suburbs, it occupies the largest portion, on the Seine, about 110 m. (direct dist.) from its mouth, 210 m. S. S. E. London, and 159 m. S. S. W. Brussels; lat. (observatory) 48° 50′ 14″ N., long. 2° 20′ 15″ E. Pop, in 1826, (inc. the arrondissement, but excl. of troops and temporary residents), 890,431, and, in 1846, 1,053,897. The city stands in a plain, surrounded on several sides, but especially N. and N.E., by considerable eminences; and the geological constitution of the district is so peculiar that the French geologists have called it the Paris basin, in the same way that the English have called the tertiary formations near the English metropolis, the London basin. Here are found alternate strats, abounding with marine and freshwater shells, and containing marine and resinvaire siteris, and containing also many fossil remains of extinct animals. Gypsum (known in England as plaster of Paris) is found in large quantities; and S. of the Seine is quarried good building-stone, of which, indeed, some of the principal edifices of Paris are formed: the older quarries, all of which were subterraneous, have been converted into catacombs, or repositories for the bones of the dead, removed from the public graves that once abounded, greatly to the injury of health of the city.

Paris, like London, is situated on both sides a

considerable river, which runs through it from S. E. to N. W., and divides it into two parts, of which the largest is on the N. side; the most ancient part of the city being, however, confined to the small islands within the channel of the river. In the course of centuries it has so extended itself, that it now occupies an area of about 14 sq. m., including the Champs Elysées, and other open spaces at its W. extremity. Many of the best streets are parallel to the river, and the open spaces, or quays along its banks, present an agreeable feature of which London is almost wholly destitute. A few of the streets more recently built are wide, and lined on each side with trottoirs; but generally speaking, the streets are narrower, and less regular, than those of the British metropolis. The style of building, however, in the best streets, is probably superior to that of London. "The houses are very high, and many of them comprise 7 stories, including the ground-floor; for there are no sunk stories. the tenements have rich heavy cornices one story below the roof, and the fronts are invariably coated with plaster, and repainted from time to time. The town has, therefore, in its better parts, a gayer and handsomer appearance than London; but internally, the houses (which are of great extent, inhabited by many families, and in some cases, formed round internal courtyards, accessible by porte-cochères,) want the many comforts and conveniences which are found in English houses." (Maclaren's Notes, p. 12.) As in London, the fashionable part of Paris is at its W. end, while the districts of an opposite character are mostly in the E. and S. The boulevards, a succession of open, circular roads, similar to the "Circular Road" which surrounds Dublin, encircle the more densely peopled portion of the city. They occupy the site of the old fortifications built in the reign of Louis XIII., are from 60 to 70 yards in width, and, being planted with trees, form agreeable places of resort for all classes of the inhabs.

The city was originally divided into 4 quarters (quartiers), but as it increased, new allotments

PARIS (an. Lutetia or Lucolecia), a cele-brated city of W. Europe, the metropolis of tained; and hence we find that there are at pre-France, being the next European city to Lon-sent 48 quartiers. For electoral and municipal tained; and hence we find that there are at present 48 quartiers. For electoral and municipal purposes, however, Paris is divided into 12 arrondissements, each comprising 4 quartiers, which respectively elect members to the National Assembly.

The following table exhibits the pop. belonging, in 1826 and 1846, to the different arrondissements, with the names of the quartiers comprised in each, the order of succession being from W. to E. on each side the Seine.

1. N. of the Beine. I.	Quartiers du Roule, des Champs Elysées, de la		
	Champs Elysées, de la		
••	Piace Vendôme, des Tuit- eries	72,101	92,244
11.	Opartiers de la Chaussie d'Antin, du Feydeau, du Palais Royal, du Fan- bourg Montmarire	78,659	95,581
III.	Ouartiers Poissonière, de Montmartre, de St. Eur tache, du Maii	54,167	59,796
IV.	des Marchés, du Leuvre de la Banque de France	51,759	46,430
v.	Quartiers de Bonnes-pou- velles, du Faubourg St. Denis, du Faub. St. Mar- tin, de Montorgesill	78,569	85,368
VI.	Opartiers du Temple, des Lombards, de la Porte St. Denis, de St. Martin	90,481	98,315
VII.	des Champs Quartiers des Arcas, de Sta Avoye, du Mont-de Piete, du Marché St Jean	73,903	66,544
VIII.	Quartiers des Quinze- vingts, de Popineourt, du Faub. St. Antoine, du	79,375	96,531
IX.	Marais Quartiers de la Cité, de l'Arsenal, de l'He St Louis de l'Hôtel-de-Ville	57,796	47,000
2. S. of the Scine.	• 1707 • 1707 • 1707 • 1707 • 1		
x.	Quartiers des Invalides, de la Monnale, de St. Thomas d'Aquin, du Fanh. St. Germain	90,623	98,137
XI.	Quartiers du Luxembeurg, du Palais de Justice, de l'E'cole de Justice, de la Sorbonne	65,743	60,566
XIL	Quartiers de l'Observatoire de St. Jacques, du Jar- din des Plantes, de St. Maroai	97, 222	91,880

"Paris, however," observes Sir H. Lytton Bulwer, "is divided into quarters as well by its manners as its laws, and these different districts differ as widely one from the other in the ideas, habits, and appearance of their inhabs, as in the height and size of their buildings, or the width and cleanliness of their streets. The Chaussée d' Antin breathes the atmosphere of the Bourse, and the Palais Royal is the district of bankers, stock-brokers, generals of the empire, and rich tradespeople; and it is the quarter fullest of life, most animated, most rife with the spirit of progress, change, luxury, and elegance. Here are all the new buildings, arcades, and shops, and here are given the richest and most splendid balls. How different is the quartier St. Germain, the district of the long and silent street, of the meagre repast, and the large, well-trimmed garden, of the great court-yard of the broad and dark stair-case, inhabited by the administrations and the old nobility, manifesting no signs of change, no widening of streets, no piercing of arcades or passages: it hardly possesses a restaurant of note, and has but one unfrequented theatre. Further E., on the same side of the Seine, is the quartier of the students, at once poor and popular, inhabited by those eloquent and illustrious professors who give to France its literary glory. Then there is the Marais, the retreat of PARIS.

manners have been changed almost as little as the houses by the philosophy of the 18th century : here are no carriages, no equipages; all is still and silent; you are carried back to the customs of the grand hotels in the time of Louis XIII. Then there is the Faubourg St. Antoine, the residence of those immense masses that reigned under Robespierre, and which Napoleon, after Waterloo, refused to summon to his assistance. And behold the ancient city of Paris surrounded by the Seine, and filled by a vest and wretched population; there, proud amidst the sordid roofs around them, rise the splendid towers of Notre Dame, that temple of the 12th century which, in spite of the Madelaine, has not been surpassed in the 19th; there is the Hôtel-Dieu, the antique hospital as old as the time of Philip Augustus, and there is the Palais de Justice, where sat the parliament of Broussel, remarkable in the chronicle of De Retz!" (France, Social, Lit. and Pol i. 44-47.)

Barrières, Boulevards, &c. - Paris, as defined by the walls erected in the reign of Louis XVI., is of an irregular oval shape, its greatest length from N. W. to S. E., being 4½ m., and its greatest breadth from the Barrière de la Villette northward to the Barrière d'Enfer southward about 31 m. In these walls are 58 gates, at each of which is a toll-house for the collection of the octrois, or local dues on goods entering the city; and on the outer sides of the walls are well-planted walks, called "the outer boulevards," abounding with guingettes, wine-shops, &c., the favourite resort of the lower orders, the wine drunk here not being subject to the town dues. Between the outer and the inner or great boulevards, al-ready noticed, are the suburbs or faubourgs, forming some of the best built quarters of

Paris.

General Condition of Streets, Houses, &c. - The streets in the interior of Paris, except those of more modern construction in the fashionable quarters N.W. the Tuileries, have been formed more or less on the model of the narrow lanes and alleys constructed before the general introduction of carriages, at a time when the absence of police and the frequency of popular tumults rendered it necessary to defend the streets at night with cross-barriers or chains. Much attention, however, and large sums of money, have lately been devoted to the improvements of the great thoroughfares; trottoirs of basaltic stone from Auvergne have been laid down in many of the streets; and more recently the asphalte-pavement has been successfully introduced in the Rue Rivoli and on the Boulevards. Gas has been provided by two or three chartered companies; and the quarters of the Tuileries, Chaus ée d'Antin, and Palais Royal, as well as the arcades and principal shops N. of the Seine, are now brilliantly lighted with gas. But in the streets of other quarters, and even in the best streets S. of the river, may still be seen the melancholy oil-lamps, or reverbères, suspended by a cord across the street, emitting only sufficient light to make darkness visible, till midnight, when all the lights are extinguished, and the town is plunged in obscurity, rendered more annoying and dangerous from the inefficiency of the night police. (Maclaren's Notes, p. 22.) With respect to cleanliness, Paris, though greatly improved, is still very far from what it should be. The sewers, which were begun at the commencement of the 15th century, were at first wholly open, running through the middle of the streets, either directly into the Seine, or into its tributaries, the brook

old-fashioned judges and merchants, where the | Ménil-montant northward, and the Bièvre southward. In some of the closer and less wealthy districts this nuisance still remains; but by far subterest this ausance still remains; but by far the larger part of Paris is now supplied with subterraneous drains, arched with stone, some of them being of great size. Drainage, however, for separate houses, is still far from being common; there is a general want of water-closets; and domestic filth is in many cases allowed to and comestic into is in many cases allowed to accumulate, greatly to the injury of the public health, and in spite of police regulations, which, were they strictly enforced, might abate the nuisance. The houses, also, which are always five, and often seven, stories in height, though without cellars, consist, as in Edinburgh, of sepa-rate stories; and sometimes a single store. rate stories; and sometimes a single story, or floor, is divided into different sets of spartments, occupied by different individuals or families, the access to the different stories being from a common staircase, usually very dirty, and often, indee 1, filthy to a degree revolting to an Englishman: and as water is seldom introduced into the houses by pipes, but is brought by porters from the public fountains in the streets, we need not be surprised at the deficiency of cleanliness. The more modern houses, however, are provided with better means for insuring this advantage; and in the new quarters we do not observe that mélange of inmates, from the prince au premier to the poor semstress au sixième, that distinguishes the houses of Paris from those of most other capitals of Europe. The broader streets have externally a pleasing appearance, owing to the regularity of the houses, the great number of windows (for which there is scarcely any tax), and the general use of balconies and "external shutters called persiennes, formed of thin bars of wood, turning on hinges, and folding back on the walls when not in use." (Maclaren, p. 28.) The streets S. of the Seine are gloomy and monotonous: in the chief hotels of the nobility few windows face the street, and large porte-cockères lead to an inner court-yard, round which the building is arranged.

Principal Streets, Places, and Parks. — The leading street of Paris, corresponding with the Strand or Oxford Street of London, is the Rue St. Honoré, running westward from the Marché des Innocens, and forming, with its continuation, the Rue Faubourg St. Honoré, a line of streets very nearly 2 m. in length. The houses in this faubourg are large and handsome, belonging chiefly to the higher classes; but those in the part nearer the centre of the city consist principally of shops and residences of persons in trade. The Rue St. Honoré is connected eastward with the Rue St. Antoine, terminating in the Place de la Bustille, in which is the model of the projected Fontaine de l'Eléphante. These streets entirely intersect the capital from W.N.W. to E.S.E., and the continuous line measured from the Barrière du Route westward, to the Barrière du Trône eastward, is exactly 5 m. in length. From N. to S. runs another and almost equally important avenue, formed N. of the Seine by the Faubourg and Rue St. Martin, crossing the river and isle of Paris by two bridges (the Pont Notre Dame and Petit Pont), the part S. of the river consisting of the Rue and Faubourg St. Jacques, terminating in the Barrière d'Arcsuil, from which to the N. end of the line at the Barrière de la Vilette is a distance of 33 m. The Rue St. Denis runs parallel to the Rue St. Martin, connecting the Pont-au-Change with the N. Boulevards at the Porte St. Denis; and more westward, running in the same direction, are the Rue de Richelieu, Rue de Castiglione, and 468

Rue de la Paix connected with the Place Vendôme, the Rue de Luxembourg, and the Rues Royale and Tronchet, which run into the square containing the church of La Madeleine. These containing the church of La Madeleine. again are crossed by other streets running from W. to E., the principal being the Rue St. Augustin, which connects the Bourse with the Boulevard des Capuchins; and opposite to the Gardens of the Tuileries is the Rue de Rivoli, a noble well-paved street, lined on its N. side by government buildings and fine hotels: it is about 3 m. in length; and lined throughout its whole extent with colonnades. The chief streets S. of the Seine and parallel to its banks are in the Faubourg St. Germain, comprising the Rue de Grenelle, a handsome avenue lined with several large and handsome government buildings, the Rue St. Dominique, Rue de l'Université, and Rue de Bourbon, the last running close to and in a line with the Quai d' Orsay. Most of the streets at the E. end of Paris are narrow and irregularly built: the Quartier Latin, S. of the Seine, comprises several collegiate edifices; but the streets are confined and crooked, in fact, little better than mere lanes and alleys. Indeed, the only handsome streets of Paris, except the Boulevards, are to the W. of the Palais Royal on both sides the river. The quarters of the Tuileries, the Place Vendôme, and the Chaussée d'Antin, are the most fashionable districts N. of the Seine; but the houses, or hôtels, of the higher classes are chiefly in the Faubourg St. Germain. Besides the streets just mentioned, Paris has about seventy squares, or places, the principal of which are 1. the Place de la Concorde, an open space W. of the garden of the Tuileries, in the centre of which is the obelisk brought from Luxor, in Egypt, 99 ft. 3 in. in height, inc. its pedestal; 2. the Place Vendôme, an octagon surrounded on three sides by handsome buildings, with Corinthian froms, and having in its centre a noble column, formed on the model of that of Trajan at Rome, covered with bronze castings, representing the achieve-ments of the grand army in 1805, and sur-mounted by a statue of Napoleon *; S. the Place des Victoires, originally formed in 1685, and having in its centre an equestrian statue of Louis XIV. on a marble pedestal, with bas-reliefs; 4. the Place de Grève, where public executions were formerly carried into effect, and having on one side the Hôtel de Ville; 5. the Parvis Notre Dame, in front of the cathedral of Tarto Votre Dame, in 1901 of the Cathedral of that name, and having on its S. side the Hôtel-Dieu; and 6, the Place de la Bastille, in the Faubourg St. Antoine, occupying the site of the Bastille destroyed 14th July, 1789; in its translation of the Companies. centre is the Colonne de Juillet, a large Composite column, erected in commemoration of the revolution of 1830, 163 ft. in height, surmounted by a colossal figure of the Genius of France. Paris has also 65 fountains, communicating by pipes with the Seine and the Canal de l'Ource: some of them, as the fountains of St. Sulpice, St. Eustache, Grenelle, the Château d'Eau in the Boulevard de Bondi, and that in the Marché des Innocens, are worthy of notice from their architectural beauty; though the supply of water from them be not only insufficient, but of bad quality. In consequence of the great depth to which the calcaire grosser of the Paris basin penetrates, there are no springs in the city itself, though aqueducts bring pure water from a

distance; but pipes, leading as in London to each house, are of very modern date, and only partially introduced.

Exclusive of several handsome gates and barriers, Paris has four splendid triumphal arches; those of St. Denis and St. Martin in the N. Boulevards, erected in honour of Louis X IV.; the Arc de Carrouxel, forming the principal entrance to the palace of the Tuileries, built in 1806 on the plan of that of Septimius Severus at Rome, being 60 ft. in width, by 45 ft. in height; and the Arc de l'Etoile, at the W. end of the Avenue de Neuilly, commenced by Napoleon in 1806, and completed by Louis Philippe. The latter is a most magnificent monument, and is, indeed, by far the most stupendous structure of the kind ever erected, either in ancient or modern times. It consists of a single arch 961 ft. in height, 48 ft. in width, and 73 ft. in depth, and of two smaller transverse arches; the whole structure being 147 ft. in length by 78 ft. in depth, and 1623 ft. in height! It stands quite separate from any other building, so that it is seen to the best advantage. It has numerous colossal groups of sculpture, depicting most of the great battles gained by the French during the revolutionary war. The effect of this prodigious structure is grand in the extreme, and is worthy

the genius and magnificence of its founder.
Contiguous to the Arc de l' Etoile is the garden of the Tuileries, an enclosed space of sixty-seven acres, laid out by the celebrated Le Nôtre in broad walks and angular beds, and profusely ornamented with vases, statues, &c. It is a favourite resort of the Parisians, and is separated by the Place de la Concorde from the Champs Elysées, an open space about 1,000 yds. in length by 400 yds. in breadth, planted by Colbert in 1670, with pavilions along the sides provided with seats and entertainments. parks, for so they may be called, constitute with the Avenue de Neuilly the Hyde Park of Paris, and, like it, are thronged on Sundays and festival days. S. of the Seine is the Champ de Mars, an oblong space bordered by a double avenue of trees, and used for reviewing troops, horse-racing, &c. It was the scene of the celebrated Fête de la Fédération, 14th July, 1790, as well as of the Champ de Mai during the 100 days. Races are held in it in May and September; but English sportsmen describe them as very inferior. Several minor gardens are dispersed in the different fauxbourgs; besides which, near the E. and W. suburbs respectively, are the Parc de Vincennes, about 21 m. in length by 2 m. in breadth, and the Bois de Boulogne, a favourite resort of carriage company, as well as of duellists and suicides. Duels, however, have become much less frequent since the enactment of the law allowing damages to the family of the deceased

Palaces and Government Buildings. — Paris contains several palaces. The Louvre has not been the residence of a French monarch since the minority of Louis XV., and is now formed into a national museum and picture gallery. The Palais Royal, built by Cardinal Richelieu, and the favourite abode of Louis XIII. and Anne of Austria, consists principally of shops, cafés, restaurateurs, and estaminets, crowded at all times, day and night, by almost every class of the Parisians. The Palais du Luxembourg, built for Marie de Medicis, widow of Henry IV., was lately devoted to the use of the Chamber of Peers. The palace of the Tuileries, erected in the 16th century, on the site of a manufactory of tiles (tuiles, whence its name), was greatly

[•] This column was originally surmounted by a statue of Napoleon in his imperial robes. But after the arms of the allies had replaced the Bourbons on the throne, they three down the status, which was melted to form part of the horse of an equestrian statue of Henry IV. On the sapasison of the imbeciles who had made this inhestable display of perty natiguity, a fine statue of Napoleon in military contume was placed on the summit of the column.

And additions have since been made to it by Napoleon and Louis Philippe, the latter having resided in it from his elevation to the throne till his expulsion on the 24th February, 1848. Its architecture is of a mixed character; but the earlier parts may be taken as a good specimen of the revived Italian style. Wings extend from the main building on the side towards the Place du Carrousel, one of which, on the S. side, connects it with the museum of the Louvre; and on the garden side are arcades extending through the central portion of the building, at the sides of which are handsome pavilions formed into state apartments, remarkable for their lofty windows, flanked by Corinthian pilasters. The general effect is extremely grand, especially on the garden side; but its grandeur results more from its great length and the variety of outline it presents, than from any excellence or con-gruity in the details. The state-rooms are on the first-floor, running the whole length of the garden-front, the principal being the Sulle du Conseil; the state dining-room, known as the Galerie de Diane, from which other rooms lead to a vast saloon and state ball-room in the centre of the building, called the Salie des Maréchaux, adorned with portraits of the marsha's of France, and unquestionably one of the finest rooms of the kind in Europe. The court of rooms of the kind in Europe. The court of the Tuileries, on the E. side of the palace, was formed chiefly by Napoleon, and f.rms a wide space, separated by an iron railing from the Pince du Carrousel, and now used for the inspection and review of the troops on duty in Paris. S. of the Place du Carrousel is the long gallery of the Louve, connecting it with the Tuileries. The pictures are deposited in a splendid range of rooms on the first floor, facing the river, above 1 m. in length; but nearly the whole interior of the palace, which forms a hollow square, is appropriated to the reception of museums, &c., which will be subsequently no.iced. A portion of the basement story, how-ever, in the S. wing, is divided into apartments for the residence of officers, attendants, &c. As respects its external architecture, the Louvre is undoub'edly one of the finest structures in Europe. Its E. front, facing the Place du Louvre, consists of a magnificent colonnade formed by 28 coupled Corinthian columns, rising above the basement story, and surmounted by a beautiful cornice and line of balustrades. The S., or river front, though much less ornamented, is still extremely handsome, being faced with 40 Corinthian pilasters, above which rise a balustrade and central pediment; the N. and W. fronts are quite plain, and form a striking contrast to those just described. The internal courtward of the Louvre is a perfect square, each side being 400 ft. in length. The buildings surrounding it are of the Corinthian and Composite orders, highly adorned with sculpture. The Palais Royal, which stands to the N. of the mass of buildings just noticed, has towards the Rue St. Honoré a front with 2 wings, united by a screen which encloses a courtyard somewhat resembling the Horse Guards or Admiralty of London, not inelegant, though of a very impure style. Round the oblong space, at the back of the palace, the father of the late king of the French erected large houses and handsome colonnades, o cupied by jewellers, tailors, marchands-de-mode, shoemskers, printsellers, restaurants, keepers of cases, estaminets, or smoking-rooms, &c. The gardens are tastefully laid out, the whole being "brilliantly illuminated with gas; and

enlarged by Henry IV., Louis XIII. and XIV. | hence the Palais Royal is the perpetual rendesvous of the idle and curious, as well as of the little rentiers of the capital. The Palais du Luxembourg, where, during the Republic, the Directory held its sittings, and which, on the reestablishment of the monarchy, was used by the Chamber of Peers, is a stately edifice, facing the Rue de Vaugirard, with 2 wings, connected by a screen and gateway; being remarkable for strength and solidity, as well as for the beauty of its proportions. The interior comprises of its proportions. The interior comprises several handsome spartments, the most interesting being the Salle des Séances, a semicircular chamber of no great size, round which are arranged chairs for the peers, while the flat side was occupied by the president's seat, and tables for clerks, &c. The gallery of the Luxembourg, which once boasted of a fine collection of old pictures, since removed to the Louvre, is now appropriated to the reception of works by living French attists; the gem of the modern gallery being "the bathing nymph," by Julien. The gardens behind the palace, laid out in the old French style, have a sheet of water in the centre. During the saturnalia that followed the revolution of 1848, the Luxembourg was the place of meeting of Louis Blanc and his socialist dupes. It is now appropriated to the meetings of different societies. Among the buildings devoted to the use of the government and legislature, the first place is due to the Palais Bourbon, now (1850) the Palace of the National Assembly. It was erected chiefly by the Prince Assembly. It was erected chiefly by the Prince of Condé, between 1722 and 1789, and it was occupied during the first revolution by the Council of Five Hundred. At the restoration of the Bourbons it was restored to the Condé family, with a proviso for the accommodation of the deputies in that portion of the building previously occupied by the Council; but the entire palace was subsequently purchased for the use of the le-gislature. The Corinthian portico fronting the Pont Louis XVI., the pediment of which has lately been completed and exposed to public view, is of fine proportions; but, when compared with the building to which it is the en-trance, it is much too large, and leads to no apartments of any great size, except the old Chamber of Deputies, a semicircular room ornamented with 20 lonic columns of white marble, having gilt capitals. The precident's chair and the tribune form the centre of the axis of the semicircle, round which rise successively the seats and desks of the deputies to the height of the basement supporting the columns. walls are adorned with pictures and statues; and a spacious double gallery, capable of accommodating 700 persons, runs round the semicircular part of the chamber, fitted up with tribunes for high functionaries, the corps diplomatique, &c., and seats for the public. The existing legislative body does not, however, meet in this hall, but in a new and temporary hall constructed in the principal court of the palace. It is a plain building, without any pretension either to external or internal elegance. The hall is about 111 ft. in length by 88 ft. 6 in. in width. The place of each deputy is marked at the beginning and retained to the end of each session; but when a member addresses the assembly, he does not, as in the British H. of C., speak from his place, but ascends the tribune near the president's chair. The sittings are held chiefly by daylight. library of the Legislature, a long and handsome gallery, contains about 60 000 vols., chiefly reports and law-books both French and English, including also a few rare MSS.

PARIS.

At the corner of the rue du Faubourg St. | Honoré, is the Palais de l'Elysée National, now occupied by the President of the Republic. This palace has been the residence of a great variety of persons. It was built, in 1718, by Molet, for the Count d'Evreux. It was afterwards bought and occupied by Madame de Pompadour. At a later period it became the property and residence of Murat; and on his departure for Naples it was occasionally occupied by Napoleon, who was much attached to it. More recently it was inhabited by the Duke de Berry. And having become the property of the Retir it is now as become the property of the State, it is now, as previously stated, the residence of the president, Louis Napoleon. It contains some magnificent apartments. In one of these the emperor signed his last abdication.

Some of the government offices are extremely handsome edifices, especially the Hôtel des Finances, an insulated structure of vest size in the Rue Rivoli; and the Hôlel du Quai d'Orsay, a noble stone building, on the plan of the Farnese palace at Rome, and unquestionably one of the most magnificent in Paris, comprising about 800 rooms, divided into offices for the Council of State, the Cour des Comptes, and for the departments of the Interior and Public Instruction.
The Hôtel des Affaires Etrangères, in the Rue
des Capucines, is a building of considerable extent, but with few pretensions to architectural elegance. The Hôtel des Monnaies, or Mint, S. of the Seine, a little W. of the Pont Neuf, built in 1771, has 2 fronts, the principal of which facing the river, has a length of 900, with a height of 78 ft. All the operations of coining are carried on within this building; and it is the place of assay for all gold and silver articles made in Paris. In one of the apartments is a superb collection of medals and casts belonging to all zeras of French history. Among other buildings nearly or more remotely connected with the government of Paris are the following: 1. The Hôtel de Ville, in the Place of the same name, commenced in in the Place of the same name, commenced in 1649, but not completed till 1605, having a singularly uncouth front, with 2 side pavilions, higher than the rest of the edifice, and 2 gates leading to a quadrangle, in which is a bronze statue of Louis XIV. It comprises some fine apartments, particularly the Grand Salle, at one of the windows of which Lafayette, in 1830, introduced Louis Philippe to the populace as the best of Republicans! Its exterior is now undergoing extensive repairs. 2. The Palais de Justice, in the Isle du Palais, an edifice in a mixed style, erected between the 14th and 18th centuries, on the site of a still more ancient structure: in the interior a central staircase leads to a grand saloon, called the Halle des Pas Perdus, which comprises apartments for the Court of Cassation, the Court Royale, and Cour d'Assize. 3. The Hitel de la Legion d'Honneur, on the Quai d'Orsay.

Paris has 13 prisons. The model prison,

Paris has 13 prisons. The model prison, or Nouvelle Force, rue de Mazas, recently constructed, is on a large scale, and is fitted up so as to carry out the solitary system to its farthest It has 1,260 cells; and its arrangements, in regard to the security, the isolation and the surveillance of the prisoners, are said to be as perfect as can well be desired. Of the other perrect as can well be deared. Or the other prisons those of St. Pélagie and St. Lazare are the most extensive and best managed. The prison for juvenile offenders, in the Rue de la Roquette, is built on the paropticon principle. The Abbaye, so infamous in the annals of the revolution of 1789, is now exclusively employed for the detention of military offenders.

Religious Edifices. — The sacred buildings of

Paris, like those devoted to secular purpos exhibit a great variety of styles; but from the close of the 16th century downwards, the Grecian has prevailed. The first place, however, both as respects antiquity and grandeur, must be ceded to the Cathédrale de Notre Dame, erected between 1010 and 1407: it is a cruciform structure, with an octagonal E. end, and double aisles sur-rounding the choir and nave; a third aisle also being occupied by a series of 7 external chapels. At the W. end are two lofty towers, evidently intended to have been the bases for steeples; but the tower usually seen at the intersection of the nave and transepts was destroyed during the re-volution. The length of the church externally is 442 ft., the breadth 162 ft., and the length of transepts 352 ft. : the towers are 235 ft. high. The exterior, though not without beauty, is heavy, owing to the absence of steeples, pinnacles, &c., which give a light appearance to the majority of Gothic buildings. The W. front, however, with its 3 large gates and circular window, and the noble gateway on the W. side of the church, are highly worthy of admiration. The inside of the church has a very splendid and imposing appearance, owing to its numerous sisles and chapels; but the uniformity of effect has been entirely destroyed by the embellishments of the choir, which, though in themselves beautiful, are wholly unsuited to the rest of the building. The church of St. Germain des Prés, built about 50 years after Notre Dame, is cruciform, with a circular E. end. A considerable portion of the old building has gone to decay; and, out of three towers, only one remains; but the interior contains some good modern decorations, valuable pictures, old monuments, &c. There are 6 other churches, either wholly or in part of Gothic ar-chitecture; the most interesting of which is the church of St. Germain l'Auxerrois, not only from its structure, but from the fact that the signal was given from its belfry, on the 23rd August, 1572, for the detestable massacre of St. Barthélemi. Among the more modern churches in the Grecian style, the largest and most splendid is that of St. Geneviève, now called the Panthéon, in the quarter of the university. It was com-menced in 1764 by Louis XV. The portico is composed of 22 fluted Corinthian columns, 60 ft. in height, supporting a triangular pediment 120 ft. broad by 24 ft. in height, in which is a sculptured composition, by David representing the Genius of France (a colossal figure 14 ft. high), surrounded by the great men of the nation: on the frieze beneath is inscribed in gold letters.

AUX GRANDS HOMMES, LA PATRIE RECONNOISSANTE."

The plan of the church is a Greek or equilateral cross, the exterior having no windows, and being ornamented only by a frieze and cornice. In the interior a gallery and colonnade line the nave and transepts on both sides, forming so many smaller naves and aisles. Semicircular windows rise above the colonnades, throwing a strong light into all parts of the building; and from the centre of the cross rises a dome 282 ft. in height, the lower part of which is encircled by a Corinthian peristyle of 32 columns, each 36 ft. high. The inside is now perfectly empty, without any embellishments, except its architectural decorations; but it is intended that it shall be enriched with statues of Voltaire, Rousseau, Lagrange, and other illustrious individuals, whose remains have been deposited in the spacious vaults beneath the pavement. The total length of the Pantheon, including the portico, is 352 ft.; interior length from E. to W. 295 ft.; length of PARIS.

transept 265 ft.; uniform breadth 104 ft. On | and at 6 o'clock, 3-4ths. The thoroughfare of the whole, this church is a work of great merit: the general proportions are good, and there is much grace and elegance in the outline, as well as grandeur and simplicity in the design; but it y no means entitled, either from size or composition, to be compared with St. Paul's. Among the other churches, the most deservedly cele-brated is the Madelcine, at the N. end of the Rue Royale, on the model of the Parthenon of Athens, but larger, being 328 ft. in length, and 138 in breadth, while its archetype is only 228 by 100 ft. It is altogether a very noble structure, and is remarkable for purity and elegance of design. The church of St. Vincent de Paul, opened in 1844, is one of the finest in Paris. lt is a parallelogram 243 ft. by 108 ft. It has a fine portico, and two lofty square towers. Paris has, in all, twelve parish churches, corresponding with the arrondissements, and 30 district churches, besides others unattached, and several belonging to hospitals, convents, &c.; but none of these, except that attached to the Hôpital des Invalides (for which see Hospitals), requires any particular description. There are also several places of worship for dissenters from the Roman Catholic religion; comprising French Lutherans, Calvinists, and Independents; besides which, there are English churches and chapels, American chapels, Jews' synagogues, and a Greek church; but none of them have any claims to architectural beauty, except the church of the Visitation, in the Rue St. Antoine, and the Gothic church belonging to the British embassy, in the Rue d'Aguesseau. The Roman catholic clergy of Paris comprise an archbishop, 12 vicars-general, 3 metropolitan and 4 diocesan officials, 16 canons of Notre Dome, 34 honorary canons, with curés, and vicars to the different churches.* The Protestant clergy comprise Lutheran and Calvinist pastors, French independent ministers, an English bishop, with sundry English episcopal clergy-men, and several ministers of other denominations, Paris still comprises several convents for females; but those of the present day bear but a very slight resemblance to the old nunneries; and are now little more than religious boarding schools for young ladies, or lodging-houses for the numerous sœurs de charité, who devote themselves to the nursing of the sick in the hospitals, &c. There are, also, numerous societies, some of which are liberally supported, for the promotion of religion at home and abroad, as well as of religious edu-

Judging from the statements of the most intelligent travellers, it would seem, whatever may be the other wants of the French capital, that an increase of church accommodation is not one of them. "Had I not looked into the almanack, I should never have found out which day was Sunday. The churches are open every day, and of course afford no criterion. The shops are open too; carts and carriages are plying on the streets, and placards invite you to vaudevilles at the theatres and ballets at the opera. Your first impression is that Sunday has been blotted out of the French calendar. On closer inspection, of the French calendar. On closer inspection, you discover there is a difference between this day and the other days in the week, though I am sorry to say it is a small one. In making a circuit about 12 o'clock through the Palais Royal, the Rue Vivienne, Boulevard des Italiens, Rue de la Paix, and Rue Rivoli, I found about 1 shop in 20 shut or half shut. At 4 o'clock, on a shorter tour, I found about half of them shut,

carriages is perhaps also rather less, and that of classes, I understand, rest on Sunday, going to church perhaps in the morning, and in the evening to a theatre with their wives, or to a cheap café, and playing at dominos.

"On Sunday-week I went to the once cele-brated Café de Mille Colonnes, (now sunk to the character of an estaminet, or smoking-house,) to get a cup of coffee. It was about seven; I to get a cup or conce. As we want to found two or three parties playing at billiards, and a score of little groups, of two, or three, or six individuals, busy with dominos. Two of the parties near me consisted each of a man, with his wife and daughter. The greater proportion, however, of the working classes, ply their labours on Sunday till dinner-time, then rest in the afternoon; and that they may not want their holi-day, go beyond the barriers, where wine is cheap, and spend the money in drinking and dancing. The over-rigid observance of the Sunday in Scotland, which sometimes disgusts young minds with religion altogether, is a light evil, when compared with this." (Maclaren's Notes, p. 17.)

Cemeteries.—The Parisians formerly interred

their dead, like the ancient Romans, along the sides of the roads leading out of the city; but, as the pop. increased, and its boundaries were extended, these grave-yards became included within its precincts, and were at length almost in the centre of the town. They were, however, both few and small; so that the inhabs, were compelled to have recourse to other modes of interment; and, accordingly, large trenches (similar to those opened during the prevalence of the plague in London) were dug for the reception of corpses thrown in till the holes were filled, when they were covered over, and others opened close to them. This disgusting method of burying necessarily rendered the neighbourhood of these cemeteries extremely unhealthy; and at length government interfered to prohibit all funerals within the town, and ordered the formation of spacious cemeteries at a mile distance from the city walls, at the same time directing that the bones in the old grave-yards should be deposited in the subterraneous quarries or cata-combs, under the Quartier St. Germain. Paris has now 5 large and well-laid-out cemeteries, similar in many respects to those which have since been formed on the same model near since been formed on the same model near London, Liverpool, Lee's, and other large towns of England. The Pere-la-Chaise, outside the E. barrier, is the finest of the Parisian ceme-teries; and its advantageous situation on the slope of a hill, the number, as well as beauty, of its monuments, and the celebrity of many of those whose remains have been brought thither, make it one of the most interesting sights in the make it one of the most interesting signts in the French metropolis. The Catacombs are very extensive, running under about \(\frac{1}{2}\)d part of Paris S, of the Seine: they are arranged into galleries lined with piles of bones, and the entrance is near the Barrière de l'Enfer; but, being deemed unsafe, they are no longer shown to visitors. (Dulaurs, ix. 211—240.)

Hospitals and benevolent Institutions.—Hos-

pitals for the relief of the sick, and hospices for the aged, infirm, or foundlings, existed in Paris from a very early period; but being exclusively under the direction of ecclesiastics, the objects of the founders were grossly perverted, and the revenues of these establishments applied to im-proper uses. No improvement took place till the revolution; when, by a decree of convention in 1793, the two old and only remaining hospitals were ordered to surrender a portion of the in-

The curie in France are the incumbents of livings, the riceless being the merely salaried servants of the curie ign the same way as the stipendlary curates of England are the dependents of the recess and vices, though protected by the bishop.

mates of their crowded and unhealthy wards to the convents and other houses that had become national property. An administration, consisting of a general council and administrative committee, was formed in 1801, for the purpose of improving the condition of the public charities of Paris: a tax of 8 per cent. on the sums received at theatres and other places of public amusement; a tax on cemeteries; a portion of the octrois of the city of Paris, with dues from the Mont de Picté, &c., being, at the same time, affected for their support. These institutions have since increased in number and magnitude with the increasing pop. of the city; and, in 1849, some further measures were taken in the view of rendering their administration more efficient. In that year there were 16 hospitals and 13 hospices, or almshouses, in the city, having amongst them, inc. the foundling hospital, 17,702 beds. The outlay on these institutions, in 1848, inc. the foundling, and inc. also 1,920,795 fr. expended on out-door relief, amounted to 16,838,738 fr., or 673,5501. (Annuaire de l'Economie Politique, &c. for 1850 p. 974 &c.

&c. for 1850, p. 274, &c.)
Of the hospitals, the Hôlel Dieu is entitled to the first notice, on account of its antiquity; for it is known to have existed in the middle of the 12th century, and, even at that early period, to have had some valuable endowments. It was enlarged between the reigns of Henry IV. and Louis XVI.; and since the revolution the buildings have been so much improved that at present the Hôtel Dieu, with its subordinate establishment in the Rue de Faubourg St. Antoine, has 850 beds: the average annual number of patients is 12,000; the mortality 1 in 8. It is in every respect extremely well appointed, and has among its medical officers the most celebrated physicians and surgeons of Paris: indeed, the Hôtel Dieu and surgeons of Fairs; interest the factor from may be considered as the great normal hospital of France. The hospitals next in importance are those of La Pitié, La Charité, St. Antoine, Beaujon, des Enjans Mandes, and des Vénériens; the whole number of these establishments under the civil administration amounting to 16, exclusive of 8 military hospitals required by the minister of men. These hospitals are under the civil section. hospitals, regulated by the minister of war. These hospitals, however, are, with two or three exceptions, situated in close neighbourhoods, and from the autiquity of the buildings, ill-planned; but the interior management the buildings, ill-planned; but the interior management is extremely good, and may bear a comparison with that of the first London hospitals. Among the hospices, the principal are the Bictire, for infirm old men, the Saliptirier, experience of a good women, 2 hospices des incurable, and I for orphans and foundlings. There are also numerous mainers are sufficiently and about Paris, which receive patients of carriers in fived scales of navment, and may therefore be at certain fixed scales of payment, and may therefore be called hospitals for the middle classes. A great num-ber of minor institutions for the relief of the sick and poor are supported by private subscription.

poor are supported by private subscription.

Crèckes, or public nurseries, have been established in different parts of Paris. In these, the infants of poor women engaged in factories, or other out-of-doors labour, are received and attended to. The women deposit their infants in the crècke, in the morning when they go to their work, return to suckle them at certain hours, and carry them home in the evening. The crèckes are sometimes wholly supported by public subscriptions; but occasionally those who carry their children to them contribute small sums to their support. A proposal is now on foot for introducing crèckes into Manchester, for which, indeed, they seem to be peculiarly well suited. (See Manchesters.)

Of all the establishments, however, in the French capital devoted to the support of the aged and infirm, by far the most important, both on account of the grandeur of its buildings and the benefits which it confers on its inmates, is the Hôtel des Invalides, intended for the support of disabled officers and soldiers, or those who have been in active service upwards of 30 years. The edifice, situated at the S. end of an avenue leading over the Pont des Invalides from the Champs Elysées, and begun in 1675, is a conspicuous object from a distinct on account of its glided dome, lantern, and spire rising to a height of 333 ft. above the floor. It is composed of 5 courts of equal form and size, surrounded by buildings 5 st ries in height, and covers a space of nearly 7 acres; and is, on

the whole, a very heavy but'ding, without any exterior beauty. The church of the establishment is indebted for its noble appearance principally to its magnificent domes supported by 30 pairs of Composite pillars. Besides about 170 pensioned officers, there are about 2,000 subofficers and privates, who are boarded, lodged, and clothed, and receive a monthly stipend varying according to rank. The dormitories contain each from 50 to 60 beds; besides which there are large infirmaries for the sick. All, except field-officers, mess at public tables, and all wear the same uniform. Their only duty is to mount guard within the precincts of the hotel; and, when the President comes within its walls, they have the exclusive privilege of guarding his person. On the whole, the Hotel des Invalides, though by no means so fine a building as Greenwich Hospital, near London, is entitled to rank with it as one of the grandest national institutions of Europe. And it is now more than ever deserving of notice from its containing the remains and the magnificent mausoleum of Napoleon, perhaps the greatest general, and perhaps, also, the greatest man of modern times.

Commercial Establishments.—Paris, till 1226, though

notice from its contaming the remains and the magnitude cent manoleum of Napoleon, perhaps the greatest general, and perhaps, also, the greatest man of modern times. Commercial Establishments. — Paris, till 1826, though abounding with fine public edifices, had no structure specially deroted to the transacting of commercial business. The merchants previously met in the Hotel Mazaria, and afterwards in the Palais Royal; but the inconvenience to which they were subject led, in 1808, to the formation of a plan for constructing an exchange sufficiently large for the multifarious business of so great a capital. The form of the Bourse, which stands in a spacious square at the E. end of the Rue St. Augustin, is a parallelogram, 212 ft. in length by 76 ft. in whith, surrounded by a peristyle of 66 Corinthian columns. The Salle de la Bourse, or great hall, on the ground-floor of the building, 116 ft. in length by 76 ft. in treadth, is surrounded by arcades of Doric architecture. A grand staircase leads to a spacious gallery supported by Doric columns, and to the hall of the Tribunal of Commerce. Corridors run round both the upper and lower hall, communicating with various rooms devoted to commercial purposes: and on the whole the arrangements are of the most complete description. The hours for transacting business are from 1 to 5; but the gaileries and corridors are open from 9 to 5. The Bourse of Franser, erected by Mannard in 1720, possesses little architectural basuly. The present stablishment was founded in 1803, and received the exclusive privilege for dy years of usuing notes payable to bearer. Its capital consists of 91,230,000 francs in shares of 1,000 francs each. The notes issued are for 500 and 100 francs. The customary rate of discount varies according to circumstances, but aver age4 per cent.: the bank, however, discounts no bills that have more than three months to run. It opens, also, comptex over the more than three months to run. stances, but averages 4 per cent.: the bank, however, discounts no bills that have more than three months to run. It opens, also, comptes courants with all requiring them, and charges no commission, its only remuneration for such transactions arising out of the use of money placed in its hands. The government of the bank is vested in a council of 30, elected by tie. 200 largest proprietors; the governor and deputy-governor are appointed by the president. The institution is flourishing, and enjoys unlimited credit. The public establishments connected with wholessle trade are called halles, the principal of which is the Halle on Eld, or commarket, a circular bulking, completed in 1767. The Halle aus Vins, on the Quai St. Bernard, S. of the Seine, near the Jardin National, is an immense inclosure, having an area of 31,100 sq. yards, walled on three sides and fenced towards the quay by an iron railing about 850 yards in length. This great market wines; there are 7 in plies of bulkings, four in froat and three behind, one of which is fire proof, and used solely as a store-house for spirits. The warehouses and vaulte will contain 400,000 casks. Wines entering this depot are not charged with the octroi till taken out for consumption; but they pay one franc per cask for warehouse room, &c. The hall is onen from 810 6 in summer and from will contain evolution cases. Wines entering this aepor are not charged with the octrol till taken out for consumption; but ther pay one franc per cask for warehouse room, &c. The hall is open from 6 to 6 in summer, and from 7 to 5 in winter; and the counting-houses of some of the principal wine merchants are within the premises. The consumption of wine in Paris in 1849 amounted to 1,033,129 hectolitres, and of spirits to 51,910 hects. The other wholesale markets are the Halle sus Draps and the Halle as Curr, the Halle aux Venus, near the Qual de la Tournelle, being now exclusively used by the chiffonniers for the sale and exchange of rags, &c. The Mont-de-Pitté of Paris is a government establishment, enjoying the exclusive privilege of lending money on moveable effects at the rate of 9 per cent. a year, or 2 per cent. a month. The money which it lends is borrowed from government at the rate of 3 per cent.; and the whole is under the management of a board of commissioners.

Markets, &c. — Paris has above 30 markets, the principal of which is that of St. Germain, opening on the Rue de Seine, and constructed from the designs of Blondel, which has served as a model for all the others since built. It is a parallelogram, 500 ft. in length by 480 ft.

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in breadth. One of the most celebrated markets is the Marché des Innocesse, in the centre of which, as already observed, is one of the noblest fountains in the capital: this, in fact, is the Covent Garden market of Paris, and has at least an equally fine and abundant show of fruit and has at least, but companded with it and is the interest of the country of the co has at least an equally fine and abundant show of fruit and vagetables; but connected with it, and in its immediate neighbourhood, are several other markets for fish, choses, eggs, &c.; and indeed it may be termed a "quarter of markets." The Marché dis Views Linge (old clothes market), built in 1809, partly on the site of the old Temple (the prison of Louis XVI. immediately prior to his execution), comprises four galleries containing 1,888 stalls or shops, in which are exhibited for sale all kinds of old clothes, shoes, iron, tools, &c.; and is, on the whole clothes, shoes, iron, tools, &c.; and is, on the whole, not unlike the Rag Fair or Monmouth Street of London. not unlike the Rag Fair or Moumouth Street of Loudon. The other markets are, generally speaking, commodious, but they require no particular description. Paris has, also, five abstaintr (built in consequence of a decree of Napoleon, 9th Feb. 1810), where the animals necessary for the consumption of its inhate, are killed. The abstair of Moutmartre is about 1,074 ft. long and 284 ft. broad, and that of Ménil-montant is nearly as large; the other three (two of which are 5. of the Seine) are inferior both in size and arrangement

both in size and arrangement.

Internal consumption.—All estimates respecting the consumption of provisions in a populous city must, of course, be extremely vague; but, perhaps, with regard to Paris, there is less uncertainty, owing to the octrois or daties levied on most articles coming across the barrier. It is very difficult to form any estimate of the consumption of bread, on account of the permitted exportation of wheat into the neighbouring districts, whenever the price outside the barriers exceeds that of the Halle ass Bile, but the daily consumption of flour is supposed to amount to about 1,900 sacks. Cattle, sheep, &c., chiefly come from Normandy, the Isle of France, and Limousin.

The authorities of Sceaux and Poissy, the two great cattle-markets of Paris, have published the returns of the sales of cattle effected in those towns during the year 1848. They consisted, for the two markets, of—

125,368	esen, at	an average price	ď	96c.	per kileg.
18,371	COWS			89c.	
48,945		_		21c.	
722,566	Speeds	_	1 fr.	lic.	_

At the above price it was estimated that each ox cost \$52 fr.; cows, 186 fr.; calves, 82 fr.; and sheep, 22 fr. 50 c.

The 125,758 exen s	old	represente	4 .	ccordingly		a of	Frence. 44,129,536
The 18,372 cows	•	•	٠	• • •		-	3,453,936
The 45,945 calves		•	٠	-	-	•	4,013,490
The 722,656 sheep	•	-	•	•	-	•	16,259,505
T	etal	٠ .			•		67,856,767

We subjoin an account of some of the principal articles maumed in Paris in 1849.

	1,0\$5,199	hect.	Sugar	-	7,382,607	kileg.
Potrits	\$1,910		Hay	•	6,306,782	bondies
Cider and perry	9,028		Straw	-	9,252,218	
Beer	. 76.187	_	Onts		770,135	hect.
Vinegar -	17,774	_	See fich		5,158,006	fr. val.
Butchers' meet	52. 165.406	kilor.	Ovstara		1,604,671	_
Port -	- 7 ,686, 627	_	Fresh-wa	ter	-,,-,-	
Bayonges, beams			flub	•	561,348	_
åc	713,704	_	Poultry a	nd		
Prepared meat	110,561	_	Game		10,501,430	
Chrese -	1.279.446	_	Butter		10,796,584	_
Gтарея -	3,393,6 8		Eggs	_	5,318,947	
5 7 7				-		_

N.B.—The consumption of almost every article was considerably greater in 1846 and 1847 than in 1848 and 1849, a consequence of the interruption of all sorts of industrious undertakings, and of the shock to credit, occasioned by the revolution of 1848.

by the revolution of 1846.

Among other articles of consumption, the tobacco sold in Paris amounts to about 800,000 kilog. Fuel, which is bere one of the most costly articles of domestic expenditure, consists principally of wood; but considerable quantities of coal and charcoal are also made use of.

Industry, Commerce, mod Trade.—Paris, besides being the political cap. of France, is one of the chief seats of the national industry and commerce. Many branches of industry are conducted on an extensive scale; the advantages resulting from the greater subdivision of employment, the greater command of scientific assistance, and of skilled workmen, being more than sufficient to countervail the higher wages and heavier expenses in other respects attending their prosecution in so great a countervail the higher wages and heavier expenses in other respects attending their prosecution in so great a city. Still, however, it is ludicrous to suppose that a city like Paris, without coal, and without the command of water power, should ever be able to come into successful competition with such places as Manchester, Glasgow, or Birmingham. The articles produced in Paris are, in fact, chiefly those of virth, jewellery, the fine arts, or those immediately ministering to the luxurious wants of a great capital. In these, however, a great

R18.

1 increase has taken place within the last 20 years. Two large manufacturing estabs, belong to the powernment, and, like all similar establishments, are carried on at a heavy loss. One of these, the Manufacture Nationale des Gobelins, so called from the place where it is carried on baving originally belonged to a family of the name of Gobelins, who amassed great wealth as dyers; but the property having changed hands, it was converted into an establishment for weaving tapestry; and, becoming celebrated for the beauty of its products, was purchased by Colbert for Louis XIV. in 1692, since which it has been a government monopoly. The pieces of tapestry are most exquisitely executed, and the effect of some of them is scarcely inferior to that of the best oil paintings. The manufacture of a single piece frequently occupies three or four years, costing from 15,000 to 18,000 francs. Some splendid carpets are likewise manufactured in this establishment. Its products are chiefly destined for the public palaces and public buildings, or for presents to monarches and distinguished personages: a few of the inferior pieces of tapestry are allowed to be sold, but the sale of carpets is forbidden. A drawing-school is attached to the manufactory, and lectures are annually delivered by the most relabitated observities are sentential enterior of the sale of carpets is forbidden. A drawing-school is attached to the manufactory, and lectures are annually delivered by the most relabitated observities are sentential enterior pieces. is forbidden. A drawing-school is attached to the manu-factory, and lectures are annually delivered by the most celebrated chemists on the chemical principles of dyeing. factory, and lectures are annually delivered by the most celebrated chemiats on the chemical principles of dyeing. The national manufactory of tobacco is conducted on a very extensive scale, in a handsome modern structure on the Quai des invalides. About a fifth part of the entire produce of tobacco in France is manufactured in this establishment. It employed in 1849 no fewer than 1,400 women, and 300 men. The manufactory of Sèrres porcelain, though about 6 m. from Paris, and not in the department of the Seine, may be noticed in this place: it has been the property of the state since 1759. Some of the articles furnished by this manufactory bring very high prices, and are eateemed alike for elegance of form, and the beauty and brilliancy of the paintings. An exhibition takes place in September, when there is an extensive show of foreign china and earthenware, as well as of specimens in different stages of progress. The sale-depth, in Paris, is in the Rue Rivoil. Among the other manufactures of the cap, jewellery, works in gold, silver, brouse, and steel, watchmaking, the manufacture of chemical products, bats, carpets, artificial flowers, and the compounding of all kinds of bonbons and sweetmests, furnish employment to a vast number of persons; besides chemical products, bats, carpets, artificial flowers, and the compounding of all kinds of bonbons and swettnests, furnish employment to a vast number of persons; besides which, Paris has sundry woollen factories, employing upwards of 1,200 hands, and producing broad-cloth, cashmere shawls, schalls, flannels, &c., one establishment for owaving silk shawls, and above 30 factories for cotton or mixed goods of cotton and worsted. The manufacture of both silk and cotton stockings is likewise conducted on an extensive scale. With respect to the wages of workmen in Paris, there has been a considerable fall since the revolution of 1848; stone-cutters, carpenters, masons, &c., receive from 3 to 4 francs aday, and a few of those engaged in the more delicate branches of handicraft may earn from 5 to 6 francs per dey of 12 hours. Those engaged in the cotton and woollen factories receive only from 1 to 2 fr. per diem, and work for 12 hours; and the wages of females, in whatever branch they are employed, scarcely exceeds that rate. Young women in shops receive their food, washing and lodging, with wages varying from 160 to 400 fr. a year. The expenses of living to these classes range between 17 and 28 sous a day, and lodging may cost about 100 fr. a year. The Paristan workmen scarcely ever werk on Sunday, and they are quite as fond as those of London of keeping holiday on flonday, devoting both these days to amusements in the funguettes, theatres, &c. A great number of workmen belong to benefit societies, of which there are about 170; and the moral condition of the labouring classes has been greatly improved by the establishment of fire and life insurance companies, averings hank, infinit and primary schools, as well as by the abolition of lotterles and ambling-houses.

Previously to the revolution of 1848, the Paris savings'bank had nearly 80,000,000 (r. of deposits; but after the

pamoing-sources. Pervolution of 1848, the Paris savings'-bank had nearly 80,000,000 fr. of deposits; but after the revolution the institution was compelled to stop payments. A law was afterwards passed providing for the funding of the deposits in a 5 per cent. stock at 80; but the subsequent fall in the funds again proved disastrous to the holders of livrets, and government found it necessary to come forward to their relief. In 1849, 15,542,274 fr. were paid into the bank by 173,029 depositors; the relimbursements during the same year amounted to 2,621,062 fr., paid to 18,065 holders of livrets.

The manufactures of Paris rapidly increased during the 20 years ending with 1847; and, though checked by the events of 1848, the increase still continues. The present (1850) value of those annually exported from Paris to foreign countries is estimated at about 80,000,000 fr., and that of those sent to the departments at about as much; making a grand total of 160,000,000 fr., or 6,400,000. sterling. We subjoin [see next coi] Previously to the revolution of 1848, the Paris savings'.

making a grann total of 100,000,000 ir., of 0,300,0000, seel-ling. We subjoin [see next tot] I. The retail trade of Paris is on a very extensive scale, and it is estimated that there are 6,500 retailers of food and drink, that 5,000 are employed in making and selling

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An Account of the Number and Weight of the Packages, and of the Value of the Merchandise exported fro Paris in each Year, from 1840 to 1847 both inclusive.

Paci	kape.	
Number.	Weight.	Value.
177,787 211,356	##og. 15,387,177 18,514,437	France 184,005,000 170,819,925
187,817	16,136,199	137,078,49% 144,303,243 168,801,628
203,654 203,851	19,889,335 18,862,584	182,377,941 165,139,281 168,572,187
	Number. 177,787 211,556 182,203 187,817 196,248 203,654	177,787

articles of dress or ornaments, 3,000 in building and furnishing houses, 850 in printing, publishing, and selling books, &c., 1,570 in trades connected with the fine arts, 850 in trades connected with mechanics, optics, &c., and about 650 in keeping hotels, restaurants, cafés, &c.; but these statements are all very vague, and not to be relied on. Above 50,000 tradesmen's licences are annually issued in Paris, producing about 9,000,000 fr. a year of revenue to government. revenue to government.

revenue to government.

Paris has also 33 banking firms, 128 stock and insurance brokers, 1,350 doctors in medicine, 280 apothecaries, and about 400 persons keeping seminaries and pensions for children of both sexes.

Scinc, Bridges, Quays, and Navigation.—Paris has not, like London, a deep broad river, navigable to the city by sea-borne vessels of large burden; but the Seine is, notwithstanding, a striking feature in Paris on account of its bridges and quays, as well as advantageous from its ex-tensive boat-navigation. It enters Paris from the E.S.E. about 34 m. below its junction with the Marne, at Chaabout 35 m. celow its junction with the marce, at char-renton, and in its course forms a slight curve northward, its whole length from the Barrière de la Rapée at the E. end, to the Barrière de la Greecle at its W. extremity, being 8,000 metres, or nearly 5 m., in which space it forms 3 islets, the smallest but highest up the stream being the Isle Lowierer, used as a depot for wood-fuel, the lale of \$1. Louis about 700 xards in length and the Isle being the like Loweier, used as a depot for wood-fuel, the Isle of St. Louis, about 700 yards in length, and the Isle of St. Louis, about 700 yards in length, and the Isle du Palais, the site of the ancient Lutetia, about 5 furlongs in length by 2 do. In breatth. The river is crossed by 4b bridges, of which five are on the suspension plan, three of iron and stone, one of wood, and the rest of stone. These structures, though usually on a level with the quays, and on the whole convenient, will not bear to be compared with the bridges of Sta. Trinita at Florence, or St. Angelo at Rome, much less with the noble bridges crossing the Thames. "The Parisians," says Mr. Woods, "boast of their bridges, but without great reason: the Pont d'Austerlitz is line for an iron bridge; the Pont News, which crosses two branches of the Seine, and has 12 arches, has little pretension to beauty; the Pont des Arts is a light, not to as a slight, construction of iron, for foot passengers; the Pont Royal is a well constructed stone bridge of 5 arches, but hardly a handsome one; the Pont de La Concorde is a stone structure of 5 very the Pont de la Concorde is a stone structure of 5 very ugly-looking flat arches, and the Pont de Jens is a cariugly-looking flat arches, and the Pont de Jens is a caricature of flattened elliptical arches, and apparent lightness, its entire merit being confined to some ingenuity in the construction in order to obtain this effect, which, nevertheless, is certainly a blemish." (Letters of an Architect, 1: 22). The islets in the river are connected with the N. and S. banks by 10 bridges, some of stone and others of wood, of inferior size and little beauty. The banks of the Seine are not blocked up, like those of the Thanses with coal-wharfs, warehouses, and irregularies. others of wood, of inferior size and little beauty. The banks of the Seine are not blocked up, like those of the Thames, with coal-wharfs, warehouses, and irregularly built houses, running close down to the water's edge, but have fite open quays, affording univerrupted walks, extending on both sides the river from one end of the city to the other, Paris being in this respect greatly superior to London. Wharfs and landing-places are formed in different parts, particularly towards the E. end of the city. Dépôts for fire-wood are to be found along the river, and on all the outskirts of the town, and the boats along the wharfs on both sides the Isle du Palais furnish supplies of wood and charcoal. The navigation of the river is effected by large boats called cocket d'cas, by barks, and within the last few years by steamers, the number of which is progressively increasing. From the higher parts of the river about 11,000 boats arrive every year with fruit, corn, and fiour, hay, wine, pavingstones, bricks, &c., besides about 4,000 barks laden with timber, charcoal, and fire-wood. Barges of from 40 to 60 tons burden come from Rouen with colonial produce, cotton goods, cider, salt, foreign corn, &c., and steamboats ply daily between Rouen and Paris, and others during summer between Paris and Montereau. The river dues are light, and do not average more than 700,000 francs a year, exclusive of the octrois.

Canalis sad Railwags.—The canals N. of the Seine consist of 2 or 3 branches connected with an undertaking for uniting the waters of the Seine and Ourcq, with the

view not only of making an island navigation, but also of supplying the capital with water of better quality than that of the Seine. The Canal de l'Ourcq receives the waters of the Ourcq about 29 m. N.E. Paris, and after collecting several minor streams falls into a basin in the N.E. multiply of the detre forcemulation. collecting several minor streams falls into a basin in the N. B. suburb of the city, from which branch several amost encircle the N. side of Paris. These canals, however, are less used for navigation than for supplying the city with water. Though inferior in respect of railway accommodation to London, Paris is now the terminus of several railways. Among others may be specified the line to Rouen and Havre; that to the Belgian frontier by Amiens, Arras, &c., with branch lines to Boulogne, Calais, &c.; the line to Reunes, by Versailles and Chartres; the Lyons line opened, in 1845, as far as Châlons-sur-Saone, &c.; and when the latter line has been carried to Marseilles, it will considerably shorten the overland route to India. The Orleans line has been continued to Tours, and is intended to be continued to Bondeaux. Other railways will, in all probability, be formed within a few years; and there is reason has been continued to Tours, and is intended to be con-tinued to Bordeaux. Other railways will, in all proba-bility, be formed within a few years; and there is reason to hope that the country may, at no distant period, possess a large portion of the facility and speed of com-munication which distinguish England and Belgium from the other countries of Europe.

A curious statement has been published by authority, of the various carriages, horses, &c., belonging to Paris in 1849. We have deduced from it the following results, viz.. Ordinary and supplementary hackner carriages

of the various carriages, more in 1849. We have deduced from it the following results, viz., Ordinary and supplementary hackney carriages 1,828, t.e. ordinary cabs 733, supplementary ditto 61; ordinary charlots 62, supplementary ditto 31; ordinary hackney coaches 847, and supplementary ditto 94. The job carriages are 3,000; omnibuses 400; carriages called concoss 28; stage carriages to the environs of Paris, and special carriages in connexion with railway stations and carriages are 3,000; omnibused 1,000, ordinary stations are stated to the carriages of the carriages of the carriages are supplementary distributions of the carriages of the carri concous 26; stage carriages to the environs of Paris, and special carriages in connexion with railway stations 2,000; private cabe on two wheels 4,000; private carriages on four wheels 13,000; total of carriages circulating in Paris 24,336. Carts, tumbrils, drays, market carts, vans, trucks, &c., 25,000; water carriers' carts 1,000. The number of house employed in Paris 6or all purposes is 24,000. The distance performed by each omnibus averages 16 leagues (40 m.) per day. They carry each, at an average, 150 passengers in the course of the day. The number of these omnibuses is 400; consequently the total number of persons conveyed in a day is 60,000, 1,900,000 in a month, and in a whole year 21,600,000. Establithments for Education.—The university of Paris.

sequently the total number of persons conveyed in a day is 60,000, 1900,000 in a month, and in a whole year 21,600,000.

Establishments for Education.—The university of Paris, which appears to have been established early in the 12th century, though some writers have traced its antiquity up to the time of 'Charlemagne, comprised, before the revolution of 1789, 10 great and 36 minor colleges, which had each faculities of divinity, law, physic, and arts. The professors appear to have been stached to colleges rather than to the university as an abstract body, and the number of students living in the colleges was very considerable. The revenue of the university arose out of a 28th part of the rent paid by the farmer-general of the royal posts and messagaries, which, with the students sees, made a large income; and the extensive buildings, still remaining, testify the importance once attached to these institutions, at the same time that the literary annals of France prove that, speaking generally, the various functionaries performed their duties pretty efficiently. At the revolution, however, the colleges were abolished, their estates confiscated, and the whole establishment was remodelled. Further alterations were made by Napoleon; but the present system dates from the restoration of the Bourbons. The university of Paris, as now constituted, is in fact the central establishment for education in France, and has under its direction all the faculities, colleges, and schools of the country: indeed, it may be considered as a mere government establishment, since the minister of public matruction is ex-officio rector of the university, which has jurisdiction over the five may be considered as a mere government establishment, since the minister of public matruction is ex-officio rector of the university, some authorised matritution, or under the degree of bachelor of etters must produce certificates of having studied at least one year in one of the colleges of having studied at least one year in one of the colleges of havin

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rejected. The number of regularly entered students in law amounted, at an average of the 5 years ending with 1844, to 2,519 a year. In 1849, there were about 1,300 students in the medical faculty. There are seven colleges in Paris, all of which have a certain number of attached bursaries, and receive boarders as well as day-pupils. The following table exhibits the numbers and classes of the students in the different colleges in 1840-41.

Colleges.	Bursers.	Pres- board- ers-	Out- door Pupils.	Total.
Coltège Louis le Grand de Heart IV. de He. Louis de Charlemagne de Bourhon Branslas Bellm . Bellm	62 85 91 none 80 47	451 408 214 	863 896 576 98 980 44	1,076 890 431 798 980 975 389
Total -	815	1,596	3,287	5,219

At the end of each academical year, in August, a grand distribution of prises takes place in the public hall of the Sorbonne to the most deserving pupils of these colleges, and the degree of emulation thus excited among more than 5,000 students is immense. The minister of public than 5,000 students is immease. The minister of public instruction presides at this ceremony, the professors deliver Latin orations, and the company comprises the most distinguished functionaries and literati of France.

deliver Latin orations, and the company comprises the most distinguished functionaries and literati of France. Paris, besides its colleges, has numerous institutions and pensions for boys, with corresponding institutions and pensions for girls. These are similar in all respects, except in size; the institutions being on a larger scale, and the course of study more general and more advanced in them than in the pensions. The conductors of these establishments must be at least graduates of letters, and are bound by law not only to follow the course of study prescribed by the university, but to send their pupils daily to one of the royal, colleges in order to attend the professors' lectures. It is their duty, also, to assist them in their studies, and prepare them for the lessons to be gone through in the public class-rooms of the colleges. All the permanent students of the colleges wear a military-looking uniform, and are summoned to their duties by beat of drum. There are no colleges for girls, and their education varies according to the system followed in each particular establishment; the mistresses, however, of the different schools are obliged to pass an examination before persons authorised by the university. (See the work entitled Patria, pp. 1332—1408; and a valuable paper on the Prescui State of superior Education, the lighest is the College of France, founded by Francis I. in 1330, and augmented at different periods. It consists or professors only, called lecteurs, among which are some

Among the other establishments for education, the highest is the College of France, founded by Francis I: in 1320, and augmented at different periods. It consists of professors only, called lecteurs, among which are some of the ablest men in Paris. Their lectures are gratuitous, and open to everybody. The museum of natural history, in the Jardin des Plantes, has likewise an attached corps of 13 professors, who deliver courses of lectures on different departments of natural history, chemistry, agriculture, &c. These lectures are, also, perfectly open and gratuitous; as are those delivered on Oriental literature at the Bibliothèque Nationale; on painting, sculpture, &c., at the National school of fine arts; and on various branches of practical science at the Conservation's des Arts et des Métiers. One of the best of the educational institutions to which the revolution gave rise is the Ecote Polytechnique, established in 1794-96, for the promotion of mathematical and physical science and the graphic arts, and the preparation of pupils for the artillery, engineering and mining departments. The school is under the control of the minister of war; but the details of management and lastruction science and the graphic arts, and the preparation of supplis for the artillery, engineering, and mining departments. The school is under the control of the minister of war; but the details of management and instruction are left to a general council, and it underwent sundry modifications in 1848. The most distinguished masters in every branch of science are hired by government; and no students are admitted without having previously undergone an examination, to prove their competency in the classics and elementary mathematics. The pupils of whom there have been about 300; study two, sometimes three years; and no one can enter the higher departments of the military service without a certificate of attendance at this establishment. The late king founded 4 scholarships, 12 of which are in the gift of the minister of war, 8 of the minister of the interior, and 4 of the minister of merine. The establishment is supported by government; but the pupils pay an annual sum for board and lodging. The mathematical education at this institution is excellent, much superior, indeed, to what it is in most other institutions of the same kind. Another seminary of great importance, and closely connected with Paris, though not within the cap, is the Masson Royalet of 8t. Denils, established by Napoleon, and furnishing an excellent education to between 600 and 700 young ladies, the daughters, sisters, and nieces

of members of the legion of honour; of whom 400 receive their instruction grautiously. This institution is in every respect admirably conducted, and might serve as a model for a large college of females; it has, also, two succursal houses, in which 400 pupils are gratulously instructed. There are also several normal schools, with lectures, &c., for the purpose of forming teachers in the primary schools. The adult primary schools in the department of the Seine were attended, in 1849, by 4,865 pupils; and the primary schools for children were attended, in 1838, by 12,550 boys and 11,250 girls; the expense of these establishments being estimated at more than half a million francs a year. There are at present, also, between 30 and 40 infant schools in Paris, supported by subscription, and attended by about 6,700 children.

Literary Institutions.—Among the many chartered of members of the legion of honour; of whom 400 re-

children. Literary Institutions. — Among the many chartered and private literary societies of Paris, the highest place is due to the Institute, unquestionably the first establishment of the kind in Europe. A decree of the Convention, in 1793, annihilated the old academics, including among others, the deademic des Inscriptions et des Belies Lettres, the most celebrated academical institution that Lettres, the most celebrated academical institution that ever existed. In 1795, however, the Institut was formed, in the view of combining the literary and scientific academies into one body. In 1803, Napoleon divided the Institute into 4 classes; and in 1832 a fifth was formed of moral and political science. The titular members, of whom there are 217, receive pensions from government, ranging between 1,200 and 1,500 fr. a year, besides whom there are 45 free academicians, 31 associates, and 219 corresponding members. The magnificent building in which there are 40 free academicians, of associates, and affeor-responding members. The magnificent building in which this learned body meets is on the Qual Conti, near the Pont Neuf: it was built at the close of the 17th century, this learned body meets is on the Qual Conti, near the Pont Neuf: it was built at the close of the 17th century, after the designs of Levau, at an expense of 2,000,000 fr., left by Cardinal Mazarin, who intended it should be a college for natives of 4 provinces then recently annexed to the crown of France. The principal room of the palace (formerly used as a church) is now appropriated to the sittings of the different classes, and fitted up with benches forming a semicircle facing the president's chair. The Mazarine library comprises 160,000 printed vols., with benches forming a semicircle facing the president's chair. The Mazarine library of the Institute has upwards of 100,000 vols., chiefly scientific works. At one end of this library is Pigalle's celebrated marble statue of Voltaire. The interior is adorned with busts, bas-reliefs, &c.; and this palace is, on the whole, one of the finest public edifices in Paris. The Burcas des Longitudes is another important public body, formed in 1795, for the discovery of the best methods of ascertaining the longitude, and for the general improvement of navigation: its meetings are held at the Observatory (near the Barrière d'Arcsull), a building well suited for astronomical observations, and furnished with every description of philosophical instruments, and a good library of scientific works. The Bureau produces annually the celestial almanack, called the Comnoissance des Temps, for the use of navigation; and another work of a more general character, the Answaire dus Burcas des Longitudes. The Royal Academy of Medicine, formed in 1776, and restored in 1820, is charged with making reports to government on all matters of public health: reports to government on all matters of public health: this establishment, as definitively organised in 1835, consists of 175 resident, and 25 country members, with 22 foreign associates. The following are among the principal learned societies of Paris supported by private subscription:

Nationale des Antiquaires Nationale d'Agriculture. Géologique de France. de Géographie. Grammaticale. Philomathique. Philomathique. de Statispae Univ. d'Horticulture.

Société Entomologique de France. Société d'Histoire Naturelle. Athénée Nationale de Paris. # Inatitut Historique. Athénée des Arts. Académie de l'Industrie Française.

* Société pour l'Encourage de l'Industrie Nationale

- Asalogue.

Libraries, Muscusses, and Picture Galleries.—By far the most celebrated library of Paris, and probably the largest and most valuable that any where exists, is the Bibliothèque Nationale, or national library. This vast collection of books is deposited in the old Hôtel de Nevers, a long, inelegant-looking edifice in the Rue Richelieu. It was begun in the middle of the 16th century; and at the death of Louis XIV. it had 70,000 vols.: it was afterwards greatly increased by the addition of MSS. and printed books from the suppressed convents; and it is said to comprise at present above 800,000 books and pamphlets, 80,000 MSS., 100,000 medals, 1,600,000 engravings, and 300,000 maps or plans; though there is reason to think that these numbers are, in some instances, considerably overstated. It is open from 10 till 3 daily (except Sundays, and during a recess of six weeks in September and October), and every facility is given for literary research, except that the books may

⁶ Those marked with an esterisk publish memotrs and bulletins of their proceedings.

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not be removed from the building. Among the libraries attached to public establishments, the following are the largest:—That of St. Geneviève, comprising 200,000 printed vois, and 80,000 MSS.; the two libraries of the Institute, consisting together of 250,000 vois, and 4,500 MSS.; that of the Arenal, 200,000 vois, and 6,300 MSS.; that of the Arenal, 200,000 vois, and 6,300 MSS.; that of the Legislature, 50,000 vols.; that of the Louvre, late the private library of 1 cuis Philippe, containing 85,600 vois.; and that of the Bibliothèque de la Ville, 60,000 vois., all open to the public. Paris has also several valuable museums, belonging either to the government or the university. The Museum of Natural History, in the Jardin des Plantes, may be said to stand at the head of every institution of the kind, not only in France, but elsewhere: it is conducted at an annual expense of 300,000 fr., and gives employment to upwards of 160 persons. The Botanic Garden, exclusive of a large collection of exotic plants from all climates, comprises building fitted up as dens for carnivorous animals, with menageries for foreign birds and beasts, which are all provided with habitations suitable to their modes of life. This collection of living animals, perhaps the largest in Europe, has enriched the museum with many new species, and enabled zoologists to improve the study of comparative physiology. Large additions to the menagerie have recently been made, and the collection is constantly on the increase. The Amphitheatre of Anatomy and Museum of Natural History occupy a large space at the end of the garden: on the first floor of the latter is a superb collection or reptiles and birds; the second floor is devoted to the reception of mammalis, birds, insects, mollusca, &c., arranged according to the system of Curler (who here pursued those studies that have gained him an imperishable fame); and on the third story is arranged a general herbal, comprising upwards of 50,000 species, besides special collections amassed by Tournefort, Juss

deserves notice, both on account of its great extent and the astonishing variety of instruments and machines, specimens of manufacture, models of patents, &c., deposited therein; in fact, this gallery of practical science is one of the most interesting exhibitions in Paris; and having been re-arranged and catalogued, may now be seen to great advantage. It is open during two days in the week; but the library is accessible 7 or 8 hours a day.

The great glory of Paris, however, as respects the fine arts, is the gallery of the Louvre, comprising a most extensive and valuable collection of pictures and statues. During the latter years of the reign of Napoleon, this gallery was the richest and most magnificent by far of any that has ever existed, having then to boast of the cheft-accourse of Rome, Florence, and, in fact, of the greater part of continental Europe, carried off by the conquering legions of France. But victory having deserted the eagles of Napoleon, these treasures were again restored to their former possessors, and the Louvre has no longer to glory in the Apollo Belvidere, the Venus de Medici, and other matchless productions. Still, however, the collection is a very noble one. Eighteen large halls, on the ground-floor, are filled with pieces of sculpture, including the choicest treasures of the Villa-Borghese, and many works that once embellished ancient Rome. Many of them are of great value; especially the Diame & la Bicke, standing on a pederal adorned with most exquisite bas-reliefs; a statue of Mars, supposed to have been modelled from a picture by Zeuxis, once in the temple of Concord at Rome; the ciebrated Fighting Gladiator, by Agasias of Ephesus; the Hermaonce in the temple of Concord at Rome; the celebrated Fighting Gladiator, by Agasias of Ephesus; the Hermaphrodite of the Villa-Borghese: a statue of Jason, erroneously called Cincinnatus; and the magnificent group of Silenus and the infant Bacchus discovered in the garof Silenus and the infant Eachus discovered in the garden of Salluut at Pompeli. Five other rooms in the basement story are devoted to the reception of works by modern sculptors; a large apartment was filled in 1830 with a collection of Egyptian antiquities, and a large gallery has since been opened, called the Muscle de la Marike, comprising models and sections of vessels, plans of ports, and other naval curiosities. The great picture gall-ry, which is on the first floor, is approached by a grand staircase painted by native artists, and comprises a suite of nine aparements, the walls of which are lined by upwards of 1,200 pictures by artists belonging to the Freuch, Flemish and Dutch, Italian and Spanish schools.

Among the pictures of the French school are 18 admirable landscapes by Claude, the best of which is the well-known "Disembarkation of Cloopatra;" 18 compositions, chiefly scriptural, by N. Poussin, among which may be distinguished an "Assumption" and "Holy Family: "and 17 beautifully coloured marine paintings by Vernet. Among the Flemish and Dutch pictures, which, like those of the French school, occupy three apartments, the most distinguished specimens are Gerard Dow's "Dropoleal Woman;" several pictures by Hevandycks, particularly a sketch of the "Dead Saviour in the Virgin's arms;" 14 fine studies by Rembrandt, including his "Venus and Cupid;" and 28 pictures by Rubers, the principal of which are, the "Flight into Egypt," and a composition known to councisseurs as the Vierge aux Angez. The schools of Italy and Spain occupy the three remaining apartments, which, indeed, contain the gems of the gallery. The following have been specified as those more particularly entitled to notice:— Raphael's "Belle Jardinière," and Holy Family, painted for Francis I., who paid for it upwards of 45,000 francs; Leonardo da Vinci's portrait of "Monanisa;" Correggio's group of "Jupiter and Antiope;" Domenichino's "St. Ceoilia;" Guido's "Infant Saviour on the Virgin's knee; "Guercino's "Repentance of St. Peter;" a magnificent battle-piece, and the "Witch of Rodor," by Salvator Ross; Murillo's "Infant Saviour on the Virgin's knee; "Guercino's "Repentance of St. Peter;" a magnificent Ross; Murillo's "Infant Jesus;" and Espagnoletto's "Adoration of the Shepherda."

The Louvre is open every day except Mondays, and on Sundays the concourse of visitors is particularly great. Owing to the want of room, the pictures of the ancula exhibition of the works of the modern artists! This arrangement has been much objected to and is, perhaps, the most defective of any connected with the fine arts in Paris. It is to be hoped that it may speedily be obvisted, by providing some other place for the modern exhibition. The French meteropolis com-

and is, perhaps, the most defective of any connected with the fine arts in Paris. It is to be hoped that it may speedily be obviated, by providing some other place for the modern exhibition. The French metropolis comprises several valuable private collections, especially that of Marshal Soult, which has some fine specimens of the Spanish school: the galiery of the Palais Royal consists chiefly of works by modern artists.

Literature and Periodical Press.—Paris is the great centre from which emanates all the most important publications of France, and in which is congregated all the most distinguished French writers. The increase of publications of hose been regularly progressive from 1817. And within the last 20 years a vast number of highly important and valuable new works, especially in history, philosophy, and science, have issued from the French press, as well as several republications of odstandard works. These large undertakings are mostly conducted at the expense and risk, not of one, but of several publishers, on a joint stock principle. The pariodical press of Paris is extremely extensive, is well conducted, and has great influence. The "Monitour Universel" is the official morning journal of the government. "Galignani's Messenger," a well-conducted daily paper, in English, is extensively circulated in the principal cities and towns of continental Europe. The nestorship of the press, which was early introduced, and was exercised, though with considerable indulgence, down to the revolution of 1830.

The arrest and other Amusements.—Paris may be rerevolution of 1830.

was accretised, though with considerable induspered, down to the revolution of 1789, was finally abolished after the revolution of 1890.

Theatres and other Amusements. — Paris may be regarded as the dramatic capital of Europe. Every Parisian, even of the lowest class, esteems himself, more or less, a critic of the drama; and the fondness for this species of entertainments makes the theatres be almost nightly crowded to excess: indeed, the receipts of the theatres have for some years been steadily on the increase, and lately amounted to about 9,000,000 ft. a year, of which a tenth goes to the support of public hospitals and charities. The most fashionable pectacles of Paris are the Italian and French operas. The former of these, in the Salle Ventadour, is confined to the representation of Italian operas, and its administration for many years has secured an almost unprecedented amount both of vocal and instrumental talent. The French opera house, belonging to the Académie Notionale de Musique, is partly supported by the government; the operas are represented by the pupils of the academy, the dancers in the ballet are the first in Europe, and the stage mechanism is brought to perfection. These theatres are supported chiefly by the higher classes, and as fashionable resorts may be considered analogous to the Italian opera in London. The other theatres, five or six of which are supported by the middle classes, the small rentiers, and wealthy tradespeople. Vauderilles and musical farces are the most popular entertainments: but among the lower classes frequenting the Forte St. Martin and Ambigu Comique, there is a marked predilection for the horritie, as depected by Victor Hugo, Dumas, &c. The following is a list of the principal theatres now open in Paris:—

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des Polies De de la Perte St. Au

The theatres, however, are by no means the only amusement of the Parisians: for they seem to be equally attached to their concerts, balls, and guinguettes, which abound in every part of the French metropolis. The Concerts Musard are in high estimation, and those in the Jardim Tarc, near the Porte St. Martin, are almost equally celebrated. The Bal masqué of the opera deserves notice also, as being the nearest approach made by the French to the almost insane reveiries of an Italian carnival.

by the French to the almost insane reveries of an italian carnival.

Hotels, (Tubs, &c.—Paris abound with excellent hotels, cafés, and restaurants; about a dozen of which may vie in respectability and amount of accommodation with similar establishments in the W. out of Loudon. They are uniformly clean, and in many case elegantly furnished. "Indeed," says Mr. Maclaren, in the interior of these establishments, two pecularities immediately strike the eye of a stranger—the profuse use of mirrors and marble. Many apartments are furnished with three or four mirrors of very large size: and you will see a restaurant panelled all round with mirrors, each 3 or 4 ft. broad. The tables in these places are almost invariably slabs of marble, and the tops of cabinets and even basin-stands are of the same substance. In the cafes here, also, there are no fires visible, as in the London coffee-house; but the stoves are so managed as always to maintain an agreeable warmth throughout the apartments." (Notez, p. 14. and 20.) The restourants, or dining-houses, are frequented by all classes of the inhabitants, female as well as male. In fact, however, it may be accounted for, whether it have originated in its greater bitants, female as well as male. In fact, however, it may be accounted for, whether it have originated in its greater advantageousness in an economical point of view, in the taste of the people for society, or whatever else, home, in the English sense of the word, has but few charms for the bulk of the Parisians, who may be said to live in public, dining in restaurants, spending their evenings on the Boulevards, or in the theatres or cafés, and, appropriately, k must be allowed, ending their days in the public hospitals! At the principal restaurants the bills of fare include hundreds of dishes, and the charges are necessarily high; but at many houses of great respectability dinners may be had for two or three france, including half a bottle of wis ordinaire. Beaune and Pomard, however, are the wines commonly drunk by persons in good circumstances. The houses of the traiteurs are frequented almost exclusively by the tradespeople and lower classes; but they also supply dinners irraiteurs are frequented almost exclusively by the tradespeople and lower classes; but they also supply dinners to people at their own houses at a fixed price for each dish. Clube, similar to those of London, have been established within the last few years; the largest and most respectable is the Club Anglais, the habitual resort of the leading men in the fashionable and diplomatic circles. The Jockey Club is frequented by sporting men, and a still more heterogeneous assemblage may be found at the Cercle. It may be remarked, also, that these clubs have been much more numerously attended since the suppression of the salon and other licensed gambling-houses, which, till very recently, infested the metropolis of France.

Local Government. — Paris, with its environs, forms

gambling-houses, which, till very recently, infested the metropolis of France.

Local Government.— Paris, with its environs, forms the small department of the Seine, of which the form is nearly circular, and the diameter about 15 m. At the head of it is a prefect, under whom are twelve mayor, one for each of the twelve divisions of the town, and two sub-prefects for the country quarter. As to the administration of justice, the courts of Paris are less comprehensive than those of London, their jurisdiction comprising only the cap, and several adjoining depts.; but in all other respects Paris is as much the common centre of public business for France, as London is for England. The Court of Cassation is the supreme court of appeal from all the tribunals of France, and the Cour des Comptes has authority to examine all the public accounts of the kingdom. The Cour Nationale confines itself to the trial of criminals in the dep. of the Seine; besides which there is a tribunal de première instance. Paris is likewise the permanent residence of the President of the Republic, the place of meeting for the legislature, the seat of all the ministerial bureaux, and of the public diffices generally. It is the seat of an archibishop, and the best-quarters of the first of the twenty-two great miliary divisions of France. It has also a numerous corps of national guards, or volunteers, composed of twelve of national guards, or volunteers, composed of twelve legions, comprising about 30,000 men. For mercantile purposes it has a chamber and several courts of com-merce. Finally, it is the centre of almost all associations merce. Finally, it is the centre of almost all associations for public purposes, such as those for the promotion of national industry, for the management of prisons, for the diffusion of vaccine inoculation, &c.

Population, Hcalth, &c.— In 184", the pop. of Paris,

ex. troops and strangers, amounted to 1,053,897, and it is most likely about the same at this mousent (1850). In 1849, there were 30,141 births, 8,816 marriages, and 14,892 females. The illegitimate births were 9,941, being about ½ part of the whole number, while in France generally they are about 1 to 13. This gives but an unfavourable view of the morality of the French cap. Of the births, in 1848, no fewer than 6,990 took pisce in hospitals! Of the children so produced, above a half, probably, were sent to the Foundling Hospital, the total number of children sent to it in that year having been 4,315. It had been the policy in France for a considerable period to lessen the facilities for the reception of children in foundling hospitals and, in 1838, the fours able period to lessen the facilities for the reception of children in founding hospitals; and, in 1835, the tours were abolished. But latterly infanticide is said to have largely increased; and public opinion having declared strongly in favour of reopening the tours, it is probable it will be done. Of the deaths in 1849, 17,610, or be-tween § and § of the whole, took place in the public hos-pitals, 237 in prisons, and 302 were found dead, and de-request in the Messen within the property of the property posited in the Morgue, or public dead-house, in the isle de la Cité. The suicides in Paris average about 300 a year. The wost densely peopled arrond/ssements are the

posited in the Morgue, or public dead-house, in the late de la Cité. The sucides in Paris average about 300 a year. The next desiry peopled arrondissements are the 2d, 8th, and 12th those most thinly peopled being the 4th and 9th. Of the entire pop of the city it is supposed that nearly a half are working people, the rest being composed of tradesmen, professional men, and persons of independent property. There are about 80,000 servants, and nearly the same number of paupers. The pcp, of the prisons, though it varies, may be taken at about 5,000. About 15,000 patients are constantly in the hospitals, and, in 1848, 79,361 passed through them, of whom about 4-5ths were discharged cured. The foundlings may average about 20,000. The climate of Paris is not so variable as that of London, but the winters are sometimes very severe; snow does not lie long, fogs are not frequent, and, on the whole, the climate is favourable. There has been a great improvement in the health of the inhab, since the revolution, though it be far short of the improvement that has taken place in London during the same period. As was to be expected, the least densely peopled arrondissements, and those occupied by the wealthier classes, are by far the healthest.

Fortifications. — In 1841, it was, after much opposition, determined to fortify Paris, by surrounding it on all sides with a continuous chain of fortifications. The sum of 140 millions francs (6,500,000.) was voted for the execution of the works, which are now completed. We believe, however, that most military men are of opinion that the fortifications may be serviceable as a means of overawing the Parisians; and it has been suspected that this has been with many the real motive that made them approve of their construction.

History.—When Gaul was invaded by Caser, Paris, Interior of the Paris.**

It is true, the fortifications may be serviceable as a means of overawing the Parisians; and it has been suspected that this has been with many the real motive that made them approve of their construction.

History.—When Gaul was invaded by Casear, Paris, them called Lastria, was the chief town of the Parisil, as Beigit tribe, and was afterwards included by Augustus in the province of Lasgdamensis quarts or Scaosia. It attained no importance, however, till the midule of the 4th century, when it took the name of Parisil, and became the see of an archibishop. It was the favourite residence of the Emperor Julian, who, in his Minopogon, terms it his \$\pi\text{Aussarssis}\$ being taken by the Franks, under Clovis, in 494, it became the capital of his new kingdom. As late as the close of the 9th century, the walled part of Paris was still limited to the island of la Cité, though considerable suburbs were extending themselves along both banks of the Seine. It was greatly enlarged by Louis VI and VII; still more so by Philip Augustus; and after the battle of Poitiers, in 1356, new walls were raised on the N. side of the Seine. The treaty of Troyres, in 1490, gave Paris into the hands of the English, who held it till 1436, when it was recaptured by the French, and the English garrison put to the sword. The pop. of Paris, in the 16th century, is estimated by Dulaure at 180,000, and great architectural improvements had been gradually taking place; but the police was so bad, that both life and property were insecure, and morals were almost at their lowest possible ebb. The city was further improved by Francis I., and the circuit of the walls was greatly enlarged by Charles IX. and Henry IV., under whose reigns the entire suburb of St. Germains was rebuilt. In the religious wars of the 16th century, Paris was the scene of a revolt against the troops of Henry III., known as "the day of the barricades." It was held by the Leaguers, from 1895 to 1594, when it surrendered to Henry IV. The palace of the Luxembourg and the Paisis

PARMA. [476]

scene of the tumult of the Frondeurs, supported by the inhabs., against the French and Swiss guards; but notwithstanding these disturbances, the city still in-creased, churches, convents, and hospitals were built, the palace of the Tuileries was finished, the quays and boulevards were laid out, sewers formed, and other im-provements effected at a great expense. The most meboulevards were laid out, sewers formed, and other improvements effected at a great expense. The most memorable scenes connected with the history of the French Revolution, from the destruction of the Bastile, in 1789, to the assumption of imperial power by Napoleon, were enacted in the metropolis, which has long had a preponderating, though not always a beneficial influence, over the affairs of the kingdom. Under the government of Napoleon, Paris was greatly improved, and many of those scientific and other establishments were either formed or remodelled, which have contributed to increase its literage and increase its literage and increase.

Napoleon, Paris was greatly improved, and many of those scientific and other establishments were either formed or remodelied, which have contributed to increase its literary and scientific renown. The work of improvement proceeded slowly during the reign of Louis XVIII. and Charles X.; but, since the revolution of 1830, which placed Louis Philippe on the throne, great activity has been evinced by the legislature in raising solid as well as aplendid monuments, some of which, as the Madeleine, the Arc de l'Etoile, and the ministerial hotel on the Quai d'Orsay, may vie in magnificence with the finest European structures. At the same time, new pavements, bridges, sewers, markets, public gardens, and prisons, attest that no department of the metropolis has been neglected by the government; and whenever gas has been generally diffused, and water-closets, which, at present, are shamefully deficient, have been universally introduced into private houses, Paris will be one of the most comfortable as well as handsomest and most luxurious capitals of Europe. (Dulaure, Histoire de Paris; Paris and its Historical Scenes, 1; Galignan's New Paris Guide, &c.; and Private Information.)

PARMA (DUCHY OF), an indep, state of N. Italy, between lat. 44° 20° and 45° 8° N., and long. 9° 20° and 10° 20° E. (exc. the detached distr. Guastalla), having N. Austrian Italy, from which it is separated by the Po, W. the Sardinian dom., S. the latter and Tucan Lunigiana, and E. Modena. Area estimated at 2,268 sq. m. Pop., in 1800, 494,737. This duchy, lying between the Po on the N., and the Apennines on the S., is partly and principally included in the great plain of Lombardy; but a large portion of its surface is covered with the ramifications and slope of the Apennines, the creat of the ridge, here about 4,000 ft. in height, forming its S. boundary, it slopes to the N., and all its rivers fall into the Po. The soil, which is very fertile in the plain, where it is watered by numerous canals, is stony and arid in the mountainous districts. It nish the cattle, no lease is binding that does not leave him 2-36s the produce. (Fon Raumer, Italy, 1.307, 308.) Along the Po, the further we advance to the E., the soil becomes deeper, richer, better watered, and more fertile. The dairy is here the great object of attention, and the famous cheese which derives its name from this duchy is still made to a great extent in the neighbourhood of Pavia, Lodi, &c. Farms are very small, and the hus-bandry inferior to that of Modena.

The accords of the numerous caks, along the banks

bandry inferior to that of Modena.

The acorns of the numerous oaks, along the banks of the Po, feed an immense number of hogs, which are generally preferred to those of any other part of Italy: in consequence many are sent to Tuscany and the Papal States, whither, also, and to Genoa, great numbers of fat oxen are sent. The sheep of the duchy are indifferent: the superior flocks pastured in the Parmese Apennines in summer, belong to Lombardy, Tuscany, and other adjacent states. Both poultry and bees are abundant. Maire, wheat, beans, tobacco, fruit and wine, are the principal products of the plain country. The only raw materials manufactured are silk and hemp; but, according to Serristori, the produce of country. The only raw materials manufactured are silk and hemp; but, according to Serristori, the produce of the former only amounts to 100,000 lbs. a year. Rice is grown in the district of Guastalla, and near Parma, in the mountains but little corn is grown; and the climate is too cold for the vine. Chesnuts and skimmed milk, with cheese made from the milk of goats and ewes, form the principal food of the population. Potatoes were not introduced into the mountain districts when the duchy was visited by Châteauvieux. The inhabitants of these districts make a good deal of charcoal; but their principal revenue is derived from their migrations: for all the active inhabitants quit their homes at the favourable season, to work in Lombardy and Tuscany. The money they gain and save from this source forms almost all the capital circulating among them.

Iron, copper, vitriol, and petroleum, are found in the

mountains; but the principal mineral product is sait, of which about 12,300 quintals are made annually. Manu-factures, excepting such as are domestic, are of trifling importance; silk fabrics are the principal, and are maste in all the larger towns. There are several iron forges; in all the larger towns. There are several fron forges; and hats, gins, earthenware, paper, and gunpowder are made in Parma, Piacenza, and San Donnino. The value of the imports, which consist mostly of woollen and linen cloths, colonial goods, and articles of luxury, is estimated at 800,000 kire: while the value of the exports, including 8,000 head of cattle, and 27,000 hogs, has been estimated at under 200,000 kire a year. (Scrristori, Statist.) But it is hardly necessary to say that there can, in fact, be no such discrepancy between them; and either the one statement or the other, or perhaps both, must be completely exponents.

Statist.) But it is hardly necessary to say that there can, in fact, be no such discrepancy between them; and either the one statement or the other, or perhaps both, must be completely erroneous.

The government is an unlimited monarchy, hereditary in the male line. This duchy was assigned, by the treaty of Vienna, to the Archduchess Maria Louisa, ex-empress of France. At her death, however, in 1847, it fell, according to previous arrangements, to the Duke of Lucca, or his heirs, who, on his part, ceded Lucca to Tuscany. The administration is conducted by a cabinet of six ministers. The duchy is divided into der districts: chief towns, Parma, the cap., Piacenza, Borgo San Donnino, Borgo Taro, and Guastalla. There are 38 inferior courts of primary jurisdiction and appeal in Parma and Piacenza. Criminal trails take place in public, but without the intervention of a jury: the judges composing the court decide by a majority of votes. The code of Parma, promulgated since 1820, is bottomed upon the Code Napoleon, but has much that is peculiar to itself. Secret societies are prohibited, and associations for definite objects, if consisting of more than 20 members, require to be authorised by government. All games of chance are prohibited, under penality of fine and imprisonment. Public provision is made for the poor; and beggars are either punished with imprisonment, or sent to a workhouse. If death ensue from a duel, the challenger is liable to imprisonment for from a duel, the challenger is liable to imprisonment for from a duel, the challenger is liable to imprisonment for from a duel, the challenger is liable to imprisonment for from a duel, the challenger is liable to imprisonment for from a fuel, the challenger is liable to imprisonment for from a fuel, the challenger is liable to imprisonment for from state religion; but others are tolerated. Public instruction is furnished by about 330 elementary schools, attended by nearly 10,000 pupils; there are also secondary schools in most of the towns; and superior acade

This territory anciently formed part of Cisalpine Gaul.

taxes, patenta, custom duties, octrois, &c., amounted, in 1849, to 8,671,688 lire.

This territory anciently formed part of Cisalpine Gaul. Charlemagne gave it to the Holy See; but during the quarrels between the popes and the emperors, Parma and Placenza became independent republics. They afterwards fell successively under the dukes of Milan, the popes, the Farnese family, and the Spaniards. By far the most celebrated of its native sovereigns was the famous Alexander Farnese. Though he served one of the most odious tyrants, Philip II., Farnese was alike generous and brave, and was certainly the most skilful and accomplished general of his age. In 1801, Parma was ceded to the French; and in 1896, it was principally included in the dep. Taro, belonging to the kingd. of italy. Parma, a city of N. Italy, the cap. of the above duchy, on the little river of its own name, a tributary of the Pop. errosed by 3 bridges, 35 m. S.E. Placena, and 33 m. S.W. Mantus; lat. 44° 48° 1" N., long. 10° 26′ 45° E. Pop. erros 36,000. Its walls are between 3 m. and 4 m. in circ.; it is surrounded by a glacis which forms a favourite public promenade. It is well built and laid out, especially its principal thoroughfare, which forms a part of the Faminian way (via Flaminia). It has many good public and private edifices; they are mostly, however, of brick, and none is remarkable for beauty; many of them are, also, in a decaying condition, and its streets are "dull and dreary." The Farnese palace, though an immense pile, is little more than half the original design; it is raised on open arcades; and, though partly in a ruinous state, it served for the residence of the late archduchess, and accommedated the academy of arts. In the new picture gallery belonging to the latter are several masterpieces by Correggio, Parmegiano, Raphael, the Carracci, &c. The academy has also a museum, in which are many interesting antiquities from the buried city of Velleia (18 m. S. Placenza), and an extendive and well-arranged library. Attached to the palace

magnificent building: Its fine dome is ornamented with one of the last and most celebrated productions of Correggio. The city has a great number of other churches, several of which possess some fine works of art. It is a bishop's see, and a seat of the high court of revision for the duchy, besides several inferior courts; and was, till 1802, the seat of a university: It has now a superior school of divinity, medicine, and philosophy, attended by about 450 students; a college of nobles, founded in 1600; an episcopal seminary, some inferior schools, and several hospitals and other charities. The principal and most extensive establishment in the city is the famous printing-office of the Bodoni, established in 1765: it has produced some of the heat specimens of typography, sepecially some of the most aplendid editions of the classics of which modern Europe has to boast. The city is supplied with water by a conduit, said to be 50 m.(?) in length. The Paisanse Gierrdino, and a large public emetery, are situated without the walls. Parms has some silk and other fabrics; but its mansfactures and commerce are comparatively insignificant.

Parma became a Econan colony A. U. C. 560. It suffered greatly in the civil war between Antony and Augustus; and was colonized anew by the latter, from whom it received the name of Julies Augustus Colonics. It was anciently match celebrated for its wool.

Veilevibus primis Apulia, Parma secundis Nahilis. Mantial, niv. Ep. 55.

(Conder's Italy, il. 26-39.; Rempoldi; Dict. Géog., part of the year, would have been rather an uncom-fortable residence for the muses, who inhabited its lower regions, especially the laurel groves in the vicinity of the Castalian fountain. Dr. Clarke, who ascended this cele-brated mountain, describes its summit as somewhat resembling that of Cader Idris in N. Wales; and adds that "after having been for years engaged in visiting the tops of mountains, he must still confess that he never saw any thing to compare with the view from the summit of Pa name to compare with the view from the summit of Par-nasaus. The Gulph of Corinth had long looked like an ordinary lake, and it was now reduced to a pond. Northwards, beyond all the plains of Thessaly, ap-peared Olympus, with its many tops, clad in shining snow, and expanding its vast breadth distinctly to view. inow, and expanding its wast breadth distinctly to view. The other mountains of Greece, like the surface of the ocean in a rolling calm, rose in wast heaps according to their different altitudes; but the eye ranged over every one of them. Helicon was one of these; and it is certainly inferior in height to Parnassan. One of the principal mountains in the Morea, now called Tricals, not far from Patras, made a great figure in that mountainous territory; it was covered with snow, even the lower ridges not being destitute of it. We looked down on Achala, Argolis, Elis, and Arcadia, as upon a model. The higher region of the mountain is of limestone, bleak and destitute of all herbage, except a few alpine plants." (Travels, vil. 261.) From the sacred town and temple of Delphi the mountain appears to have two summits, one Delphi the mountain appears to have two summits, one of which was sacred to Phoebus and one to Bacchus.

" Parnamas gemino petit athera colle, Mons Phosho Bromicous sacer."

Running down the cleft between these two summits is the famous Fors Castalius, the genuine source of poetical inspiration. It is thus alluded to by Virgil, in connection with the neighbouring mountain -

Sed me Pernami deserta per ardua dulcis Raptas amor. Juvat ire jugis, quà nulla priorum Castaliam molli devertitur orbita ciivo." Georg. iii. 295.

Even at present it is by no means unworthy its ancient renown. Mr. Dodwell says, "it is clear, and forms an excellent beverage. The fountain is ornamented with pendent ivy, and overshadowed by a large fig. tree." Higher up the mountain is the Corycian cave, which, during the Persian war, afforded a sair retreat to the less adventurous Greeks after the battle of Thermopyle. (Herod. vilil. 36.) It is described by Mr. Raikes, the first modern traveller who has visited it, as a chamber 330 ft. In length, and nearly 300 ft. in breadth, with a roof studded with stalactites. Above this cave, and at a distance of about stalactites. Above this cave, and at a distance of about 80 stadia from Delphi, stood the town of Tithorea, taken and burnt by the army of Xerxes at the close of the Per-sian war. The ruins were found by Dr. Clarke, near the modern village of *Feliciae*. For further particulars see

PARSONSTOWN.

PAROS, a issuess island of the Grecian Archipelago, group of the central Cyclades, to the W. of Naxos, from which it is separated by a strait, 5 m. across; Mount St. Elias, the most elevated point in the island, being in lat. 47° 9' 66' N.; iong. 25° 11' 26' B. Pop. 8,000. P. It is oval-shaped, being about 12 m. in length by 8 in breadth. Though rugged and uneven, it is, speaking generally, extremely fertile; and, if well cultivated, would support four or five times its present pop. It produces considerable quantities of cotton, with corn, wine, oil, &c. Tournefort says that the butchers' meat is good, that there are a greet number of hogs, and that pigeons and partridges are extremely abundant. (1. 20d. &c. etc.) Port Naussa, on the N.K. coast of the island, is one of the best harbours in the Archipelago, and was used, in 1770, as the rendeavous of the Russian feet. Parecchia, on the site of the ancient city of Paros, on the W. coast of the island, is the capital. Its harbour is open to the W., and there are some sumken rocks in its vicinity, on one of which the Superbe, a French line-of-battle ship, was lost, in 1833. The present town consists of mean houses, which, however, are interesting, from their chiefly consisting of fragments of the old city, including portions of the shafts and capitals of columns, &c.: the cathedral church is said to be the best in the Archipelago.

Paros was famous in antiquity for its beautiful snow-white marble, whence Virgil has called the Island nivecess Paros. (**Recid. iii. V. 128.**). The finest of the ancient statues, including the Venus de Medici, the Apolio Belvidere, and the Antinous, were formed out of this material. Indeed, the best sculptors used no other, owner sustem tensions considerations and tensions may be specified Archibochus, the inventor of Islands. During the first Persian war, it sided with the Persians; and after the defeat of the latter at Marathon, the city of Paros was originally settled by Phomicians. It early attained to great wealth an

In modern times, the only event of importance con-nected with the history of Paros is the discovery of the "Parian, or Arundelian Chronicle." This is a chronolo-

"Parian, or Arundelian Chronicle." This is a chronological account, cut in marble, of the principal events in the history of Greece during the period of 1318 years, beginning with Cecrops, and ending with the archonship of Dicquetus, snew 264 n.c. The chronicle for the last 90 years is, however, obliterated; and the inscription is in many parts a good deal defaced.

The marble slah on which this chronicle is cut was purchased on the spot, in 1694, for the Earl of Arundel, whence it is now frequently called the Arundelian Chronicle; and being brought to England in 1627, the inscription was soon after copied, translated, and published by Selden and other eminent scholars. Unfortunately the marble afterwards met with the most barbarous treat-

tion was soon after copied, translated, and published by Seldem and other eminent scholars. Unfortunately the marble afterwards met with the most barbarous treatment, having been broken, and a part of it employed, as is alleged, to repair a chimney in Arundel House. The portion that escaped this worse than Gothic usage was presented in 1667 to the university of Oxford, of which it is one of the most precious relice. (Robertson on the Parisan Chronicle was regarded as of unquestionable authority, and was referred to as such by all inquirers into ancient history. In 1788, however, its authenticity was assailed, in a singularly clear, able, and ingenious dissertation, by the Rev. John Robertson, who contended that it was altogether spurious, and had been fabricated in modern times. As was to be expected, this dissertation elicited various answers, by Mr. Hewlett; Porson, the celebrated Greek scholar; Gough, the antiquary, &c.; and at present it seems to be generally concluded by the ahlest critics and scholars, that the objections of Robertson have been satisfactorily disposed of, and that there is no good or sufficient reason for doubting that the Parian Chronicle was really compiled about 264 years s.c.

PARSONSTOWN, or BIRR, an inland town of Ireland, King's Co., on the confines of Tipperary, on the Birr, a branch of the Lesser Brosna, 74 m. above its confluence with the Shannon, and 62 m. W. S. W. Dublin, Pop., in 1821, 5,466; in 1841, 6,336. It has a large square, in which is a pillar surmounted by a statue of the Duke of Cumberland, erected in commemoration of the Dukes of Carbertson of Carbertso

The Dictionnaire Geographique says that the famous sculptons Phidias and Praxite'es were natives of Paros. In point of fact, however, the former was born at Athena, and the birthplace of the latter is unknown.

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the victory of Gulloden, in 17e6, and some good streets. Its public buildings are the parish church, a fine R. Cath. chapel, the cathedral of the see of Killaloe, 3 meeting-houses for Independents, 1 for Quakers, and 2 for Methodists, a fever hospital, a dispensary, a courthouse, and a bridewell. Near it are large barracks. It has various schools, and is the seat of a manor court, general sessions and petty sessions: it is also a constabulary station, and has two distilleries, a brewery, and an extensive retail trade. The river is navigable for 2 m. from the Shannon, for barges. Markets ou Saturdays; fairs, Feb. 11., May 5., Aug. 25., and Dec. 10. Post-office revenue in 1830, 957L; in 1836, 1.367L. Branches of the provincial and agricultural banks were Branches of the provincial and agricultural banks were opened in 1833 and 1836.

opened in 1833 and 1836.
Close to the town is Birr Castle, the seat of the Earl of Rosse, the head of the noble family of Parsons, whence the town has its name, and to whom it is greatly indebted. The castle, which is of considerable antiquity, has been completely modernised, and greatly improved by its present executive.

completely modernised, and greatly improved by its pre-sent proprietor.

PASCO, or CERRO DI PASCO, the principal mining town of Peru, dep. Junin, prov. Huanaco, in an irregular hollow on the table land of Hombon, nearly 14,000 ft. above the level of the sea, and 60 m. S. by W. Huanaco. Pop. varying at different seasons from 4,000 to perhaps 12,000. It is a mean, wretched place, which, previ-ously to the establishment of the Peruvian Mining Com-pany, in 1825, had not a bouse with a chimney, fire-place, or glased window; and even now its dwellings ously to the establishment of the Peruvian Mining Company, in 1825, had not a house with a chimney, fireplace, or glased window; and even now its dwellings are principally covered with thatch, a frequent cause of destructive fires. The town—of which the very adobes, or unburned bricks, partly used in some of the houses, or unburned bricks, partly used in some of the houses, on the price of the contain silver—is so burrowed under, that a person is no small danger of inadvertently falling into old mines, or rather pits, sometimes superfical, sometimes deep and fathomless, and half-filled with water. There are several hundred well-known mines, from which silver has been and still could be extracted in large quantities, provided a perfect drainage were effected. But during the revolution a great many of the mines were allowed to fill up with water, and only about 30 are now wrought for eight months a year. From 1826 to 1836 inclusive, 2,190,535 marcs of silver were reduced to bars in the foundry at Cerro Pasco; the produce in the latter year having been 237,840 marcs. These mines have the advantage of being near a coal mine, which has of late years been opened; but turf, dung, timber, &c., are the kinds of fuel most commonly used. The miners choose whether they will be paid in money or a proportion of the ore. In the former case they get four reals, or 2s. a day; but they prefer of course payment in ore, if the mine be productive; and sometimes realize, in this way, very high wages. But the gambling nature of the pursuit has the worst effect on all parties engaged in it. The miners are almost universally profligate, and involved in debt; and but few of the undertakers have made fortunes. (Smith's Pers as it is, ii. 1-20.)

PAS-DE-CALAIS, a dep. of France, reg. N., for-

engaged in it. The miners are almost universally profigate, and involved in debt; and but few of the undertakers have made fortunes. (Smith's Perm as it is, ii. 1-20.)

PAS-DR-CALAIS, a dep. of France, reg. N., formerly comprised in the provs. of Artois and Picardy, between the 50th and 51st degs. N. lat., and 1° 25° and 5° 10° E. long.; having N.E. and E. the dép. Du Nord, S. Somme, W. the English Channel, and N. the Strait of Dover, or Pas-de-Calais, whence its name. Area, 655,645 hectares. Pop., in 1846, 693,766. There are several chains of hills, but none of any considerable height. The Scarp, Lys, and Aa, rise in this dep.; besides which the principal rivers are the Liane, Canche, and Authich having mostly a N. W. course. Except about Boulonge, the coasts are generally low, and in some places bordered with sandy downs, which are, however, prevented from increasing to an inconvenient extent by being carefully planted. The soil is, for the most part, good; and agriculture is, on the whole, well conducted. Of the surface, in 1824, 492,374 hectares were supposed to be arable; 45,310 in pasture; 21,352 in orchards, gardens, &c.; 43,107 in woods, and 18,845 in heaths and wastes. Near Boulogne, farms vary in size from 85 to 200 acres; but, in general, they do not exceed 140 acres. Few are cultivated by the proprietors, being usually let to farmers who pay a money rent, and are also charged with the payment of the land-tax. All kluds of corn, but principally wheat and masilu, and large quantities of beans, peas, and oleaginous seeds, are raised. About 1,522,000 hectol. of potatoes were grown in 1835; and a good deal of land is devoted to the growth of beet-root. The annual produce of beer is estimated at 260,000 hectol.; of cider, at 36,000 h.; and of malt spirits, at 11,000 h. In 1830, there were estimated to be nearly 200,000 oxen and cows, and 300,000 sheep in the dep.; the produce of wool averages about 652,000 kilogr. a year. The farmers, though not prosperous, are contented with their con dition; and there a

but the greater part of that made use of in the dep. is brought from Belgium; and wood and turf are the principal species of fuel. About 8,94,000 kilogr. of beet-root sugar were made in this dep. in 1836, a greater quantity than in any other French dep., that of the North excepted. Arras is famous for lace and ginger bread. A portion of the pop. of Boulogne and Calais is occupied in the manufacture of tulles; in the arrond. of Bethune many hundreds are employed in making lines Bethune many hundreds are employed in making linen stuffs and yarn; and manufactures of cotton stuffs and

orean. A portion of the pop. of solutions and calass is occupied in the manufacture of tuiles; in the arrond. of Bethune many hundreds are employed in making lines stuffs and yarn; and manufactures of cotton stuffs and yarn are pretty general. Spirits, leather, gunpowder, soap, glass and earthenwares, tobacco pipes, &c. are also produced. Artesian wells (so named from the prov. Artois) originated in this dep. The Pas-de-Calais is divided into 6 arronds:; chief towns, Arras, the cap.; Bethune, Boulogne, Montrens, St. Omer, and St. Pol. Calais and Boulogne are the principal sea-ports, and have a considerable coasting trade, and share in the cod, herring, and mackarel fisheries. The dep. sends 8 mems. to the Ch. of Dep.; number of electors in 1838-39, 4,612. Total public revenue (1831), 18,813,372 fr. (Hago, art. Pas-de-Calais; Dict. Géogr.; Franch Official Tables; and Parl. Reports on Agricultare, 1834.)

PASSAU (an. Castra Batavia), a fortified frontier city, principally belonging to Bavaria, circ. Lower Bavaria, of which it is the cap., on the Danuhe, where it is joined by the lini, and also by the small river lig. 68 m. E. S.B. Ratisbon; lat. 48° 34' 28" N., long. 13° 28' 5" E. Pop., in 1945, 10,211. It consists of the city proper, built in the angle between the Danube and Inn, and of three smaller portions beyond the Danube, the Inn, and the lis, the latter being within the Austrian dominions. These different parts are connected by bridges, and surrounded with fortifications; and are further defended by two citadels, and some inferior forts; this being, in fact, one of the most important fortresses in the line of the Danube. The delie, in which the town is situated, is highly picturesque; and it has a striking appearance from the river, though not generally well built. The cathedral, however, is a magnificent modern edifice, in the Italian style, and several of the other churches are handsome: the old jesuit's college, now a lyceum, the bishop's palace, several hospitals, an orphan asylum, and the post office

of Hesse at liberty, and to allow the Protestants full freedom of conscience. (Berghaus; Sketches of Germany, il. 101, 102. &c.)

PATA GONIA, an extensive country of S. America, comprising nearly the whole of that continent S. of lat. 38° S., and having N. the territories of La Plata and Chill, S. the Strate of Magellan, separating it from Terra del Fuego, E. the Atlante, and W. the Pacific. Little is known respecting this region beyond its coast outline. The Andes in Patagonia appear to consist of but one cordillera, the mean height of which may be estimated at 3,000 ft.; but opposite Chilloe there are some mountains probably from 5,000 to 6,000 ft. in height. (Geog. Journ. I. 157.) The W. coast is abrupt, very much broken, and skirted with a great number of irregularly shaped rocky islands. The E. coast has been most explored. The surface of the country appears to rise from the Atlante to the Andes, in a succession of terraces, all of which are alike arid and sterile, the upper soil consisting chiefly of marine gravelly deposits, covered with coarse wiry grass. No wood is seen larger than a small thorny shrub ft only for the purpose of fuel, except on the banks of a few of the rivers subject to inundation, where herbage and some trees are occasionally found. This sterility prevails throughout the whole plain country of Patagonia, the complete similarity of which, in almost every part, is one of its most striking characteristics. It is stated, however, by the Indians on the Rilo Negro, which forms the N. boundary of Patagonia, that near the Andes, wheat, maize, beans, lentils, pease, &c., are raised. This latter region is not, however, placed under the same circumstances as the country more to the east-ward, nor is it subject to the causes which mainly occasion its sterility.

A great deal of rain falls in the Andes, and the country

ward, nor is it subject to the causes which mainly occa-sion its sterility.

A great deal of rain falls in the Andes, and the country immediately E. of the mountains is thickly wooded, and is injured by too much rain. This results from the moisture which the W. winds, that prevail throughout most part of the year, bring with them from the Pacific, being condensed and precipitated in the mountains and immediately adjacent territory; so that after passing these

regions the winds are quite dry; and R. winds, which are very rare in Patagonia, are those only which convey any moisture to the desert E. of the Andes. Porphyry, basalt, smaktone, containing numerous organic remains, and friable rock, greatly resembling, but not identical with, chalk, are among the mineral formations hitherto remarked as the most prevalent in E. Patagonia. The soology of the country is as limited as its fors. Guanacoes are met with sometimes in herds of several hundreds; and their enemy the puma, and a small kind of fox, are almost the only other wild quadrupods at all abundant, except mice. The latter are of many species, and so numerous that, according to Mr. Darwin, Patagonia, poor as she is in some respecta, can, perhaps,

and so numerous that, according to Mr. Darwin, Patagonia, poor as the is in some respects, can, perhaps, boast of a greater stock of small rodersite than any other country in the world. (*Popper of Adventure and Braghe, iii. 315.) The condor and the cassowary are included among the few species of birds. The reptile and insect tribes present nothing remarkable.

The Patagonian Indians are tail and bulky, and, though not absolutely gigantic, they may be said, after rejecting the exaggerations of the early and the contradictory statements of later travellers, to be the tailest people of whom we have any accounts, the average height of the men being probably not under 6 ft. Their heads and festures are large, but their hands and feet small; and their limbs are neither so muscular nor so large-boned as men being probably not under 6 ft. Their heads and festures are large, but their hands and feet small; and their limbs are neither so muscular nor so large-boned as heir height and apparent stoutness would induce one to suppose. Colour a dark copper brown; hair black, lank, and coarse, and tied above the temples by a fillet of plaited or twisted sinews. A large mantle of guanaco akins loosely gathered about them and hanging from the shoulders to the ankles, is, with a kind of drawers and loose buskins, almost their only article of dress, and adds much to the bulkiness of their appearance. They neither pierce the nose nor lips, but disfigure themselves greatly with paint. They lead a nomadic life, living in tents formed of poles and skins, and subsisting on the fiesh of the wild animals they catch. Both men and women ride on horseback, and are often furnished with saddles, which they obtain from Valdivia and other places in S. Chili. Their arms consist generally of a long tapering lance, a knife or acimitar, if one can be procured, and the bolas, a missile weepon of a singular kind, carried in the girdle, and consisting of two round stones, correct and the butts, a missile weapon or a singular and, correct in the girdle, and consisting of two round stones, covered with leather, each weighing about a pound. These, which are fastened to the two ends of a string, about 8 ft. with leather, each weighing about a pound. These, which are fastened to the two ends of a string, about 8 ft. in length, used as a sling, one stone being kept in the hand, and the other whirled round the head till it is supposed to have acquired sufficient force, when they are together discharged at the object. The Patagonians are so expert at the management of this double-headed shot, that they will hit a mark not bigger than a shilling with both the stones at a distance of 15 yards. It is not customary with them, however, to strike either the guanaco or the ostrich with them; but to discharge them so that the cord comes against the legs of the ostrich, or the force legs of the guanaco, and is twisted round them by the force and swing of the balls; so that the animal being anable to run, becomes an easy prey to the hunters. These people live under various petty chiefs, who, however, seem to possess but little authority.

Patagonia was discovered by Magellan in 1519. The badness of its harbours, which are mostly difficult and dangerous of access, and afford little or no accurity for vessels above the size of a brig, has hindered the formation of any European settlement, except at Port St. Julian, about lat. 49° 10° S., and long. 67° 40° W., where the Spaniards settled about 1779, but speedily abandoned the establishment. A few expeditions have been undertaken to the interior in the last century, and latterly by the officers of the Adventure, principally up the larger rivers; but the coasts are rarely frequented by any other than whaling vessels, and the nature of the country is not such as to hold out any hope of its ever

latterly by the officers of the Adventure, principally up the larger rivers; but the coasts are rarely frequenced by any other than whaling vessels, and the nature of the country is not such as to hold out any hope of its everemerging from its present state of savage barbarism. (Parish's Buenos Ayres, 2c., 88—95.; Foyages of the Adventure and Beagle; Goog. Journs, 1 vi.).

PATMOS (hod. Patino), a small island of the Grecian archipelago, belonging to the Sporades, celebrated in ecclesiastical history as the place of St. John's exile, uring Domitlan's persecution, 11m. N.W. Lero, and 20 m. 3, the W. extremity of Samos; its chief town alon in its 37°17°2" N., long. 26°38'14" E. Pop., according to Burgess, about 4,000. It is of very irregular shape, about 10 m. in length, 5 m. in breadth, and 28 m. in circ. Tournefort, whose authority is entitled to the highest respect, describes Patmos as the most barren rock (meckans fencil) of the Archipelago (1.438.); others, however, extol its fertility; and Dr. Clarke says, that from all he could collect on the subject, it is about as fertile as any of the neighbouring islands, were it not for the danger to which property is exposed from the continual meursions of pirates. (vi. 66., 8vo. ed.) It has numerous harbours, of which that of La Scala, on the E. side, deeply indenting the island, is the principal.

Above the landing place is a small village, comprising about 50 houses and shops. On the ridge of a mountain, overlooking the port, is the cap. of the Island, comprising about 400 substantial stone houses: its streets, howoverlooking the port, is the cap. of the island, comprising about 400 substantial stone houses: its streets, however, are steep, ill paved, and extremely narrow, few heing more than 8 f. wide. The monastery of St. John's, on a mountain close to the town of Patmos, built in the commencement of the 12th century, is, in fact, a pretty strong fortress, and commands a noble and extensive view of the sea and surrounding islands. It is peopled by about 30 monks, and has an attached church, and a library containing some early printed books and numerous MSS, some of which were purchased by Dr. Clarke. The famous grotto, or cavern, covered by a chapel, where St. John is said to have written the apocalypse to the dictates of the Holy Spirk, is situated on the face of the hill, about half way between the town and the port. Clarke says that it is not spacious enough to have afforded a habitation even for a hermit; but the monks, to quash all doubts as to its being really the retreat of St. John, show the crevices in the rock through which, as they allege, the divine commands were communicated to the spoetle! In point of fact, however, there is not a sentence in the spocalypse to warrant the inference that it was written in a cave; and if there had, any other cave in the island would have answered the purpose quite as well as this.

The island produces only a few granes, and is fire-

as well as this.

The island produces only a few grapes, and is furnished with corn and other articles of subsistence from the Black Sea, Samos, and Smyrna. The male inhabitants are chiefly seamen, and from their pretty extensive intercourse with different European nations have become more emightened than the generality of

nished with corn and other articles of subsistence from the Black Sea, Samos, and Smyrna. The male inhabitants are chiefly seamen, and from their pretty extensive intercourse with different European nations have become more emlightened than the generality of Greeks. The women (who, according to Tournefort, are generally pretty, though much disfigured by their strange costume.) are chiefly employed in knitting cotton stockings. Tournefort mentions that for every man on the island there are at least twenty women; but this disproportion was, no doubt, occasioned by the men being mostly at sea, and is not mentioned by later writers. (Tournefort, Yoyage du Levant, 1, 439.; Clarke, vi. 27, &c.; Burgess's Greece and Levant, 1, 124.—28.)

PATNA, a city of British india, presid. Beugal, prov. Bahar, of which it is the cap., on the 8. bank of the Ganges, 144 m. E.N.E. Benares, and about 300 m. N. W. Calcutta; lat. 295 37′ N., long. 85° 15′ E. Pop. estimated at upwards of 280,000. (Hamilton.) Within the walls it is not much more than 1½ m. in length, by 3-4ths m. in average breadth; but, including its stragging suburbs, it extends for 9 m. along the banks of the river, and 2 m. inland. The town itself is very closely built, and surrounded with fortifications in the Hindoo style, which are now, however, completely decayed. At a short distance, it has a very striking appearance; being full of large buildings, with remains of old walls and towers, and bastions projecting into the river, and backed by irregularly elevated land. It has, however, but one wide street, all the other thoroughfares being narrow, crooked, and mean. The houses are partly built of brick, and many have terraced roofs and balconies; but the greater number are of mud, with tilled roofs. E. of the city is a large suburb, with many well-built storehouses, and in the same direction are the gardens belonging to the palace of Jaffier Khan, two or three miles in circuit. The suburb of Bankipoor, where the East India Company has most of its servants, is W. of t

to Burgess, about 4,000, exhibiting a decrease of nearly two-thirds since the commencement of the revolution. It is built amphitheatre-wise on the side of a hill rising from the shore, which has at its summit the acropolis, commanding a fine view of the surrounding coast and country. The fortifications are in good repair, and have been recently much enlarged. The interior comprises one pretty broad and well-built street, with numerous narrow lanes and alleys lined with mean wooden tenements, the overhanging caves of which nearly meet over the street. The Greeks have a few good houses; but those of the European consuls are the best. Every considerable house is surrounded with a garden well stocked with orange, fig. pomegranate, and other fruit trees, which give the town an agreeable aspect, and conceal the greeter part of the poorer habitations. The only the greater part of the poorer habitations. The only public buildings are two hospitals and several churches the remains of ancient buildings are but inconsiderable.

public buildings are two hospitals and several churches; the remains of ancient buildings are but inconsiderable. The bay in front of the town being unsafe, and exposed to heavy seas, particularly in winter, vessels go a little farther up the Gulph, where the port is situated, and where there is a mole for their security. Patras are currants (by far the most important article), oil, valonis, wine, raw silk and cotton, wool, skins, wax, &c. The imports here, as at the other Greek ports, consist principally of colonial produce, manufactured goods, salt fish, cordage, hemp, deals, &c., chiefly from the Ionian Islands and Great Britain, Venuce, Trieste, Leghorn, and Marseilles. The imports from Great Britain in the same year being valued at 171,240f.; but this discrepancy is apparent only, the excess of exports being balanced by the imports of Britain produce from the ionian Islands and other places. According to the tariff now in force, the rate of duty (without distinction of foreign or native flags) is 10 per cent. advalores on imports, and 6 per cent. advalores on exports.

The ancient Patra is supposed to have been founded by the Ionians. Heredoctus enumerates it among the 12 towns of Achala (i. 146.). Its inhabs, took an active part, and the town suffered greatly in the Achaen war. After the battle of Actium, however, it was raised to its former fourishing condition by Augustus, who made its

part, and the town suffered greatly in the Achæan war. After the battle of Actium, however, it was raised to its former flourishing condition by Augustus, who made it a colony by establishing in it some of his veterans. In Strabo's time it was a large and populous town; and in the beginning of the 2d century it was still prosperous, though remarkable for the dissoluteness of its inhabs. (Pausanias, Achaéc., c. 21.) It was the seat of a dukedom under the Greek emperors, and in 1408 was bought by the Venetians, from whom it was taken by the Turks, in 1446. It was pillaged by the Albanians in 1770, and the venetians, from whom it was taken by the lurks, in 1446. It was pillaged by the Albanians in 1770, and was the stronghold of the Ottomans from 1831 down to the period of the emancipation of Greece. (Burgess's Greece and Levans, 1.124—128.; Mod. Tran.; Cramer's

the period of the emancipation of Greece. Burgess's Greece and Leanat, 1.124-128.; Mod. Trav.; Cramer's Greece, iii. 66-69.)
PAU, a town of France, dép. Basses-Pyrénées, of which it is the cap., on the Pau, here crossed by a fine atone bridge of seven arches, in a fertile though marshy plain, 58 m. E. by S. Bayonne. Lat. 42° 17° 29° N.; long. 0° 22° 30° W. Pop., in 1846. (in. com.) 13,920. It is regularly laid out and well built, consisting principally of one long and broad main street. It has, however, several squares, or open spaces, and is environed by public walks. Its principal, and by far the most interesting edifice is the castle, in which Henry IV. drst saw the light on the 18th Dec. 1853; it was founded by the princes of Bearn in the 10th century, is situated on a commanding height to the W. of the town, and forms an irregular collection of massive towers, having a fine terrace on the side fronting the river. It was much injured during the Revolution, having been converted into military quarters; but it has since been completely repaired and renovated.

The chamber, memorated

into military quarters; but it has shoo been completely repaired and renovated.

The chamber, memorable as the birthplace of Henry IV., retains its ancient portraits and furniture, the tortoise-shell cradle of the king, &c. There is a marble statue of Henry in the vestibule of the castle, and another statue in bronse in the Place Royale. The other principal buildings comprise the prefecture, hall of justice, college, and one or two hotels.

Pau has a royal court of tribunals of primary jurisdiction and commerce, boards of taxation and forest economy, a royal college, an académie universitaire, a society of agriculture, a school of design and gallery of paintings, a public library of 18,000 vols., &c. Its manufactures include cotton stuffs, linen cloths or toiles de Bears, &c., and it has considerable dyeing establishments and tanneries: it has, also, a pretty extensive trade in manufactured products, and in wines, Bayonne hams, salted goese, &c. It has two large weekly markets, and three important annual fairs. Inglis says, "Pau has always enjoyed the reputation of being one of the most interesting cities of the S. of France. It is clean, alry, and abounds in every convenience and in most luxuries. It is a great resort for strangers, particularly English; and, excepting Bayonne, is probably

the most desirable of any of the towns selected by foreigners as a residence. Excellent houses are to be obtained at a very moderate expense, and the markets are both abundant and cheap. There are generally 50 or 60 English families in Pau and its neighbourhood;

or 60 English families in Pau and its neighbourbood; and the number, I understand, is upon the increase." (Switzerland, the Pyrenees, &c., 209, 310.)
Besides the "great." Henry, Pau has produced several distinguished persons, among whom may be specified Marshal Bernadotte, now king of Sweden; and Viscount Orthes, governor of Bayonne, who nobly refused to execute the orders issued by Charles IX. for the massacre of St. Bartholomew. (Hugo, art. Basses-Pyrémèes; Guide de Voungreur. Me

Marshal Berhadotte, now king of Swaden; sma viscoums Orthes, governor of Bayonne, who nobly refused to execute the orders issued by Charles IX. for the massacre of St. Bartholomew. (Higgo, art. Bases-Pyršasės; Gwide dw Voyagew, &c.)
PAVIA (an. Tichismen), a frontier city of Austrian Italy, Lombardy, can deleg, of its own name, on the Ticino, 19 m. S.S. W. Milan; i.t. 49 10' 47' N., long. 99 '48" E. Pop., in 1837 (cx. com.), 23.531. It is surrounded with old walls, and communicates with a submar across the Ticino by a bridge of 7 arches, constructed in 1851. This structure, partly of stone, but principally of brick, is one of the most singular monuments of the 14th century: it is 300 ft. in length by 12 in breadth, and is covered with a curious roof, supported on 100 pillars of rough granite. At one end is the Austrian and at the other the Sardinian custom-house, the Ticino separating their respective territories. This is a magnificent venerable city; but its buildings and its fame belong to another age, and it has long been in a state of paralysis and decay. From the bridge, the Strads Nuova or Corso extends through the centre of the city to a superb gate, begun under the vice-royalty of Prince Eugense. In this street the principal palaces of the Pavian nobility, mouldering and dismantled, are mingled with shops, churches, colleges, cafés, theatres, and hospitals. From the main street others of greater antiquity branch off at right angles, some terminating in piszasa opening before vast and cumbrous palaces, now half ruinous and dismantled. From its numerous public edifices, Pavia was formerly called the "City of a hundred Towers;" but these are now greatly diminished. It has, however, a ruined castle, once the residence of the Lombard kings, and several other buildings traced up to the time of the Lombards, particularly the church of St. Muchael, in a barbarous and grotesque style. The church of Sea Pictro is Civio d'Oro, which is said, though on doubtful authority, to contain the remains of St. Augustine, and

rather by their extent than by any merit in their architecture.

The university of Pavia, the first and most frequented in Italy, was founded by Charlemagne, and restored by Galeazzo Viscont in the 14th century; but it owes its present form and institutions to the Empress Maria Theresa, and her minister Count Firmian. It has faculties of law, medicine, and philosophy; being particularly celebrated as a school of medicine. It has no faculty of theology, but in every other respect its constitution is similar to that of Padua (which see). It has at present 38 professors, 3 adjuncts, and 11 assessors and in 1887 had 1.307 students, of which 387 belonged to the philosophical, 438 to the legal, and 583 to the medical faculty. Its revenues are derived principally from inperial treasury grants, legacies, municipal and communal funds, and fees paid by students on obtaining degrees; which last average about 150,000 lire a year. The whole expenditure for the university amounted, in 1837, to 250,000 lire. The professors have annual salaries of from 3,000 to 6,000 lire (130. to 300. steriing): and enjoy, by special privilege, the distinction of personal mobility. Several of the most distinguished names in the history of Italian literature and science, have been professors in this university. Among others may be specified Veanius, Cardan (a nation of the city), Spalianzani, Voka, Scarpa, Tamburini, &c.; and it has still to boast of many eminent teachers. The university has an extensive the botanic garden, instituted by the French; a valuable collection of natural history, physical and anasonical collection of natural history, physical and anasonical

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the deleg.. and a chamber of commerce. It has some silk manufactures, and a considerable trade in agricultural produce with Milian and the cities on the Po. It is connected with Milian by a navigable canal, traversed by boats like the Dutch treckschuyts. A good deal of the cheese, called Parmeaan, is made in this neighbourhood. About 4 m. N. Pavia, is the celebrated Certosa, the most magnificent of Italian monasteries, founded by John Galeanso Visconti in 1396; and dissolved, and in part stripped by the French, in 1798.

Theinum, which was an important city under Augustus, began to be called Papsis (whence its present name), during the Gothic dominion in Italy. In modern times it has sustained numerous stepes; but it is principally distinguished, in an historical point of view, by the great kattle that took place in its vicinity on the 26th of Feb. 1525, between the French army, that had undertaken the siege of Pavia, under Francis... and the imperialists, under the viceroy Lannoy. The French were totally defeated. Francis, who had displayed the greatest heroism, and the king of Navarre, were taken prisoners; and exclusive of many generals and persons of distinction, between 9,000 and 10,000 private soldiers were left on the field of battle. The French army was, in fact, entirely destroyed; and there was quite as much of truth as of point in the laconic episite addressed by Francis to his mother after the battle — "Madam, we have lost all except our honour." (Austr. Nat. Encyc.: Yon Russer's Italy; Journal of Education; Wood's Letters; Conder's Italy; Robertson's Charles V., book iv., &c.)
PAXO (am. Passos), the smallest of the seven principal louisn Islands, in the louisn Sea, 10 m. S. by E. Corfu, and about the same distance W. the main land of Greece; its N., point being in lat. 39° 14' N., long. 30° 9' E. Area, 26 sq. m. Pop., in 1826, 537. It is oval-shaped, and extrewely mountainous; its soil being story, and so destitute of molsture, that in summer the inhaba. are obliged to procure fresh water from the

neighbouring islet of Antipaxo. The town has a pop. of 4,000 persons, but in appearance is little better than a mean village.

PAZ (LA), a city of Bolivia, cap. dep. of its own name, 196 m. N. N. W. Chuquisaca, ist. 170 30′ N., long. 680 25′ W. Pop. 20,000. ? It is situated on the E. declivity of the Andes, at an elevation of 12,170 ft. above the sea, and at no great distance from the sources of the Beni, a principal affluent of the Amazon. It has a cathedral, four other churches, several conventual establish. dral, four other churches, several conventual establishments, and is a bishop's see, with very considerable revenues. It is the centre of a considerable trade in Paraguay tes.

La Pas was founded in 1848, and received its name in

commemoration of the peace that ensued after the defeat of Gonzalo Pizarro and his associates. It suffered con-siderably a few years ago during a revolt of the Indians, but still ranks as a city of some wealth and importance.

but still ranks as a city of some wealth and importance. (Dict. Géog., &c.)

PEEBLES, an inland co. of Scotland, having N.

Mid-Lothian, R. Seikirk, S. Dumfries, and W. Lanark,
Area, 204,160 acres, of which a comparatively small portion only is arable. This is almost wholly a pastoral
district; the surface consisting of mountain, moor, and
bog, with the exception of a limited extent of low, level
land along the banks of the Tweed, which rises in and
runs through the co. The highest mountains are in the S.
part of the co. adjoining Dumfriesshire, where the Tweed
has its source. The summit of Broadlaw rises 2,741 ft.

shows the level of the sea; and this, which is about 100 has its source. The summit of Broadlaw rises 2,741 ft. above the level of the sea; and this, which is about 100 ft. above the level of the sea; and this, which is about 100 ft. above the altitude of the contiguous summit of Hartfill, is the highest elevation in Scotland S. of the Frith of Forth. The hills are generally smooth, and afford good sound sheep pasture. In the low parts of the co. agriculture has been very much improved; but it is now pretty generally believed that tillage had been too much extended during the late war. The buildings on farms of any importance have been entirely renovated, principally within the last 30 years. The black-faced breed of sheep

Tweedsmuir, which is the wildest and most exposed, there are now 3. Chevious to 1 black.faced sheep. The total sheep-stock at present in the co. may be estimated at above 100,000. Property in a few hands, farms being very large; average rent of land in 1843, 6z. 7d. an acre. Neither minerals nor manufactures of any importance. Peebles is divided into 16 parishes, and returns 1 mem. to the H. of C. Registered electors, in 1849-30, 563. Peebles is the only town of any importance. In 1841, this co. had 2,118 inhab. houses, and 10,499 inhabs., of whom 5,118 were males, and 5,361 females. Valued rent, 51,9384. Scotch. Annual value of real property in 1815, 64,1824.

ISIS, 64,1824.

PREBLISS, a royal bor. and market town of Scotland, co. Peebles, of which it is the cap., and the only town, romantically situated in a mountatious pastoral district, on the Tweed, which is here crossed by a bridge of five arches, at the point where it is joined by the Eddleston. 21 m. S. Edinburgh. Pop. in 1841, 1898. It is divided by the Eddleston into the Old and New Towns. The main street runs E. and W., in a line nearly parallel with the Tweed. The houses are unusually substantial and good for so small a town. It has a parchurch, with a handsome spire, 2 Presbyterina dissenting chapels, an episcopal chapel, a town-house, and gool. The grammar-achool enjoys a high reputation, and is The grammar-school enjoys a high reputation, and is well attended. A scientific association established in the

check, with a handsome spire. I Prestyterian dissenting chapels, an episcopal chapel, a town-house, and gaod. The grammar-school enjoys a high reputation, and is well attended. A scientific association established in the town, at which lectures are given, has an average attendance of no fewer than 190 mems. I Toough the town has a peculiarly salubrious; and is much resorted to in summer as a favourite country residence.

Peebles was long a hunting residence of the Scottish kings, particularly of Alex. Ill., who founded in it a monastery for Red Friars, in 1260, of which the ruins are still pretty entire. The Poems "Peblis to the Play" was written by James I. of Scotland. Neidpath Castle, in habited by the Earls of March till 1778, stands on a cucky promonatory overhanging the Tweed, & m. W. of the town. Mungo Park, the traveller, practised as a surgeon in Peebles for some time previously to his second mission (1806) to Africa. Before the passing of the Redform Act, Peebles was united with Falkitk, Linitingow. and Lanark, in sending a mem. to the H. of C.; but it was them merged in the co. constituency. (Pensecuit's Description of Tweedate, 1815; New St. dec. of Scotland; Bousdary Returns)

PEGU, a former kingdom of India beyond-the-Brahmenutra, forming at present the S. portlon of the Birmese empire. (See Birmans).

PEGU, a former kingdom on the Pegu river, a triarbutary of the Irrawadi, 50 m. Rangoon. Lat. 17° 40′ N., long, and the distance of the Scottish of the butter of the buildings to the ground, and reduced its into two streets, one parallel to the river, and the other leading to the celebrated Shoe-madoo, or great pagods. This, the most famous edifice in the Birman empire, boats of high antiquity, and is raised on successive terraces in a manner similar to the religious structures of the Mexicana, as described by two provides and paperally artificial hill, the sides of which are sloped into two terraces, and ascended by steps of hewn stone. The lower and greater terrace forms in the paperal paperal pape

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there were temples in ministure of the larger, at all the angles of the upper terrace, various saloons embellished with carving and gidding, numerous sculptures in masoury, idols, flying pennants, three large bells used by devotees on the N. side of the temple, many dwellings for priests on the lower terrace, &c.: probably most of these still exist, for a recent traveller states that the pagoda, with its appendages, is in tolerable preservation. (Malcolm, i.89.) Pegu has several other temples, but they are mostly in ruins; and the site of the ancient city is almost wholly under water, probably from neglect of the drains and sluices. Mindjeree Praw, king of Birmah, in 1790, endeavoured to restore to Pegu a portion of its former importance, by transferring thither the provincial government from Rangoon, but he did not succeed. Zangomang, however, on the opposite side of the river, is a prosperous town, and adjacent to the formay miles, is a succession of thriving villages. (Malcolm's Travels in S.E. Asia, 1, 88, 89.; Symes in Mod. Trav.; Asiatic Researches, &c.)

PEKING or PEKIN, (Chin. Pik-king, meaning "the northern capital,") the modern metropolis of the Chinese empire, prov. Pechelee, in a vast sandy plain, between the Pel-Ho (which has its embouchure in the Hoen-Ho, within about 50 fm. of each, and being united to the Pel-Ho by a canal, 562 m. N. by W. Nankin, and 100 m. W. N. We'the Gulph of Pechelee, in hy N. Nankin, and 100 m. W. N. We'the Gulph of Pechelee, in hy N. Nankin, and 100 m. W. N. We'the Gulph of Pechelee, in hy N. Nankin, and 100 m. W. N. We'the Gulph of Pechelee, in the population, except that it is very great: some writers estimate it at two millions, and others at three millions; we believe, however, that even the smallest of these estimates is beyond the mark, and that probably it does nuch exced, if it be not under, 1,500,000. Klaproth estimates is at 1,300,000. A large portion of the space within the walls is occupied by gardens and enclosures; and there is no heaping up of one family ab

European towns.

The city is divided into two principal portions, exclusive of the suborbs. The most northerly portion, which is nearly a perfect square, is called sei-icking, or the inner nearly a perfect square, is called set-tching, or the innercity; it contains the palace of the emperor, and the
principal government officers, and is mostly occupied by
Manchoos, whence it is sometimes called the "Imperial,"
and sometimes the "Tartar city." The other, or more
southerly portion, denominated the wai-tching, or outer
city, is a quadrilateral rectangle, entirely occupied
by Chinese, and is at once the seat of business and the
residence of the great bulk of the population. Both
divisions are surrounded by walls, the extent of which
may be about 18 m. The walls of the Chinese city
are 30 ft. in height, and 25 ft. broad at the base, and 12
ft. on the top, the slope being mostly on the inner side; but those of the Imperial city are 40 ft. in height. Square
towers project from the outer side at intervals of about
70 yards from each other, and each of the 16 city gates
is surmounted by a tower nine stories in height, with
port-holes for cannon. port-holes for cannon.

70 yards from each other, and each of the 16 city gates is surmounted by a tower nine stories in height, with port-holes for cannon.

The principal streets are of great width, and perfectly straight, (tirtee as cordeas, Duhalde), running between opposite gates in the divisions of the city to which they respectively belong; those in the northern being, for the most part, better built, and preferable to those in the southern division. The other streets, however, are very narrow, and are, in fact, mere lanes branching off at right angles from the principal thoroughtares. It is singular, that though the great roads leading to the capital be paved with large blocks of granite, the streets are not paved, which makes them dusty and disagreeable in hot, and dirty, and, in parts, all but impassable in we weather. "En général," says M. Hyacinthe, "fin-fqualité, le massusie entretien des rues, cet un susse sujet de blûme coarre la police Chinoise." (P. 12.) The houses, which rarely exceed a story in height, are built of brick, and convenience: "none but the great shops have either windows or openings in the front wall; but most of them have a sort of terrace, with a raised balcony or parapet-wall, on which are placed pots of flowers, shrubs, or stunted trees. The houses in the smaller streets or lanes, many of which are occupied by public functionaries, are very similar to those in the larger streets, and the regularity with which the streets intersect each other, the uniformity in the size and appearance of the houses, and the regularity with which the streets intersect each other, the uniformity in the size and appearance of the house, and the regularity with which the streets intersect each other, the uniformity in the size and appearance of the house, and the principal streets, make an ostentations display of painting and gilding. Sky-biue and green, mixed with gold, are the prevailing colours upon the walls. The spods are not only displayed within, but exposed in heaps in front of the houses. Before these are general

ING.

Imuch higher than the roofs of the houses, begring inscriptions in gilt characters describing the goods to be sold, and assuring the buyer he will not be cheated! To attract more notice they are generally hung with various coloured flags, streamers, and ribands, exhibiting the appearance of a line of shipping, dressed in their different colours. Lanterns of born, muslin, silk, or paper, are arranged hefore the doors, and exhibits such variety of form, that the Chinese appear to have exhausted on them all the powers of imagination. The streets are peculiarly crowded, in consequence of the number of trades that are carried on in the open air. The numerous movable workshops of tinkers and booths where tea, fruit, rice, and other estables, are exposed to sale; the wares and merchandise arrayed before the doors; the troops of dromedaries laden with coals from Tartary; the wheel-barrows and hand-carts stuffed with vegetables, leave in the broadest streets only a very narrow space unoccupied." Room, indeed, is scarcely allowed for the frequent processions of men in office, with their numerous retinues and strange insignla, or for the pompous trains which attend at funerals and marriages. With the confused voices of the multitude buying and selling their various commodities, are mixed the cries of jugglers, conjurors, fortune-tellers, mountebanks, quack-doctors, comedians, and musicians. It is, however, a curious fact, that the crowd and bustle are wholly confined to the great thoroughfares: the cross streets and hanes being perfectly still and quiet. "Women are frequently seen among the crowd and bustle are wholly confined to the house in the capital than in the rest of the empire." (*Barrow's Traveta*, p. 94–98.)

At the four points, where the great streets intersect such other, are singular robot, in the capital than in the rest of the empire. (*Barrow's Traveta*, p. 94–98.)

At the four points, where the great streets intersect such other, are singular robot, but more generally of wood, and consist invariably

mony from the various officers of his court: but by tar the most sacred, as well as richest and most magnificent portion of the palace is the Kaen-tsing-kiong, or "tranquil palace of heaven," the emperor's private retreat, which none may approach without special permission. It is used also as a cabinet, where the great officers of state assemble for consultation, and where candidates for office receive their appointments. The palace of it is used also as a cannet, where the great omeers of state assemble for consultation, and where candidates for office receive their appointments. The palace of the empress is also very extensive; and beyond it is a gate leading to the imperial flower-garden, laid out in walks, filled with pavilions, temples, and groves, and interspersed with canals, fountains, lakes, and beds of flowers. Near the empress's palace is a library, alleged, by the Chinese, to comprise a collection of most books published in the empire. Within the precincts also is a temple, to which the emperor conses on certain stated occasions to obtain blessings from the manes of his ancestors, and to show his fillal piety. Six palaces are occupied by the princesses of the imperial family; and other ranges of building constitute the residences of the emperor's stewards, &c.; besides which there are halls for councils, courts, &c., and a large printing establishment. (Gustaff's China Opened, i. 63. 63.)

The reader, however, would form a very inaccurate notion of these buildings, if he supposed they bore any considerable resemblance to European palaces, or that the magnificence of the buildings at all corresponded with

PEKING.

their imposing names. The truth is, that there is but little of pomp or splendour in the imperial residence. The buildings that compose the palace, and the furniure within them, if we except the paint, the gilding, and the varnish, that appear on the houses even of plebelans, are equally void of unnecessary and expensive ornaments. Those who should rely on the florid relations, in which the missionaries and some travellers have indujed, in their descriptions of the palaces of Petin, and those of Yues-min-yuen, would experience, on visiting them, a would disappointment. These buildings, like the common habitations of the country, are all modelled after the form of a tent, and are magnificent only by a comparison with the others, and by their number, which is sufficient, indeed, to form a town of themselves. Their wooden columns of greater diameter, their roofs are immense, and a greater variety of painting and gilding may be bestowed on the different parts: but none of them succeeds one story in height, and they are jumbled and surrounded with mean and insignificant hovels. Some writer has observed, that the king of England is worse lodged at St. James's Palace than any other sovereign in Europe. Were it to compare some of the imperial palaces in China to any royal residence in Europe, it would certainly be St. James's Palace than any other sovereign in Europe, the output of the palaces of the latter, bad as they are no glass in the windows, no stoves, fire-places, or fire-grates in the rooms; no sofes, bureaux, chandeders, no looking-glasses; no book-cases, prints, nor paintings. They have neither curtains nor sheets to their essees, hard pillows or cushions, according to the season of the bests of the bamboo. In short, the wretched lodgings of the state-officers at the court of Versulles, in the time of the French monarchy, were princely palaces in comparison of those allotted to the first ministers of the Emperor of China, at the court of Versulles, in

made of the fibres of the bamboo. In short, the wretched lodgings of the state-officers at the court of Versailles, in the time of the French monarchy, were princely palaces in comparison of those allotted to the first ministers of the Emperor of China, at the capital as well as at Yuen-min-yuen." (Bervew, 194.)

The second enclosure, in the northern city, is called Hwang-ching, or the 'naugust city,' about 6 m. in circ., surrounded by walls 50 ft. in beight, and entered by 4 large, and 3 smaller gates. This section of the city comprises several idol temples, a depository of military sorniary. It has also an artificial mountain in the centre of an extensive park. The third inclosure, or that called the "imperial city," contains the offices of the 6 superior tribunals of the empire. The Russian mission, the temple of Yung-do-Kang, or "of eternal peace," the largest and most sacred edifice in the city, having connected with it an institution for the instruction of lamas for the service of Thibet. Here also is the National College, in which is concentrated all the learning and literature in China. All the literatio of the empire, all the colleges and principal schools, are subordinase to the setablishment, which nominates the examiners of the compositions required of candidates for civil offices. Manchoo, Chineses, and flussian literature meets here with equal at-

ment, which nominates the examiners of the compositions required of candidates for civil offices. Manchoo, Chineses, and Russian literature meets here with equal attention, and all religions are sanctioned within its precincts. (Gastlage's Chiese Opened, i. 68.) Indeed, it is somewhat strange that Pekin, the cap. of the most exclusive empire in the world, should comprise, besides its numerous temples and pagodas, a magnificent mosque, a Greek church and couvent, and a Born. Catholic chapel:

The S. division of the city is the grand emporium of all the merchandize brought for sale from other provs.; and as this portion is not subject, like the other, to the rigour of military discipline, it is frequented by those who are in search of business, amusement, or repose. Its buildings do not, however, require any special notice. But it should be stated that it contains an enclosure, where sacrifices are offered up to the god of agriculture, and where the imposing ceremony of the emperor holding a plough annually takes place.

There are suburbs round most of the gates of the city, some of which extend more than a mile from the wall, and comprise several large temples, with a few other public buildings.

The streets are not lighted at night. Sir John Barrow way that the cross-larges were senerally watered

The streets are not lighted at night. Sir John Barrow says that the cross-lanes were generally watered, but that that did not appear to be the case in the main streets. A large sheet of water, comprising several aeres, within the N. division, furnishes an abundant supply to that part of the city, and to the palace; and a small stream, which runs along the W. wall supplies that neighbourhood. There are, besides, numerous wells; but the water of some of these is dreadfully nauseous; and, when mixed with tea, the well water is, to Europeans at least, particularly disgusting. But good potable water is brought from beyond the barriers. (Hyacinshe, Fille de Pikin, p. 13.) The streets are not lighted at night. Sir John Bar-

"Although Pekin cannot boast, like ancient Rome or modern London, of the conveniences of common sewers to carry off the fith and dregs that must necessarily accumulate in so large a city, it enjoys one important advantage rarely found in capitals out of England: no kind of filth or nastiness, creating offensive smells, is thrown out into the streets, a piece of cleanliness that perhaps may be attributed rather to the scarcity and value of manure than to the exertions of the police officers. Each family has a large earthen jar, in which is carefully collected every thing that may be used as manure; when the jar is full, there is no difficulty of coverting its contents into money, or of exchanging them for vegetables. The same small boxed carts, with one wheel, which supply the city with vegetables, invariably return to the gardens with a load of this liquid manure. Between the palace of yen-min-yuen and Pekin, I have met many hundreds of these carts. They are generally dragged by one person and pushed on by another; and they leave upon the road an odour that coutinues, without intermission, for many miles. Thus, though the city be cleared of its filth, it seldom loses its fragrance. In fact, a constant disgusting odour remains in and about all the houses the whole day long, from the fermentation of the heterogeneous mixtures kept above ground, which nour great cities are carried off in drains. To counteract these offensive smells, they make use of a variety of perfumes, and strongly-seented woods and compositions." (Barrow, 98.) This statement is completely borne out by that of Hyacithhe, who speaks of the passacers is apportable? dwrinc felt in walking along the streets.

About 10 m. from Peking is a large park, belonging streets.

About 10 m. from Peking is a large park, belonging to the emperor, having an extent of at least 12 sq. m.; it exhibits all the great features of nature, lakes and rivers, mountains, rocks, and forests thrown together in the boldest and most irregular manner. It comprises 30 distinct palaces, and a village of no inconsiderable size; but share related to the statement of the stat

30 distinct palaces, and a village of no inconsiderable size; but these palaces, and a village of no inconsiderable size; but these palaces are ill-arranged, falling to decay, and wholly unworthy of the name.

The highest class of inhabs. is composed of the Manchoo troops and officers, most of whom are in poor circumstances, though a few possess considerable property. Next to these rank the Chinese merchants, many of whom are extremely wealthy; and below these are the artisans and other labourers, most of whom come from the provinces to procure employment. The poor are employed in cleaning and watering the streets, gardens, &c., and in cultivating the ground; but, notwithstanding the general discouragement of pauperism, and the severity of the police, it is alleged that there are in Peking many thousand persons, who, being without employment, have recourse to robbery and cheating. The cross streets are shut, and the others are patrolled at night; and in consequence, says Duhalde, to paiz, &c.

Peking many thousand persons, who, being without employment, have recourse to robbery and cheating. The cross streets are shut, and the others are patrolled at night; and in consequence, says Duhalde, to paix, to silence, et in street regener dans tout to wille.

Hired carriages and sedan-chairs are common in all the public thoroughfares; but the males of the higher classes almost universally ride on horseback, though many of them keep their private carriages.

Peking is indebted for its importance to its being the residence of the emperor and the seat of government; and a very large proportion of its inhab. depend for subsistence on employment in one or other of the departments connected with the army, the administration, or the court. It is to China in respect of literature what Parls and London are to France and England. The printing and bookselling business is very extensive. A great many works, especially upon history, issue from the imperial press, and are sold at a low price to the booksellers. It is not distinguished by any peculiar manufacture, unless it be that of coloured glass; nor has it any foreign commerce or trade, other than that directed to the supply of its own wants. This, however, is necessarily very considerable. The country round the city being sandy and poor, a large portion of its supplies are brought from a distance, partly from sea by the Pei-ho, but principall by the Grand Canal and the Eu-ho, which connect it with Nankin, and most of the Eu-ho, which connect it with Nankin, and most of the Eu-ho, which connect it with Nankin, and most of the Eu-ho, which connect it with Nankin and most of the rice and dogs, consequently, form a principal article of import. Geese, ducks, and chickens, are the common donsetic fowls; and in winter the shops are well supplied with partridges, pheasants, and other game.

A considerable portion of the taxes imposed on the different provinces is paid in kind; and a part of the rice and other grain so collected, being sent by canal to the capital, stored in

The Pel-ho is navigable for vessels of considerable burden to Tiensing, nearly 40 m. from its mouth; and it may be ascended in flat-bottomed boats to within 18 m. or 20 m. of the capital. Peking might, consequently, be easily attacked from the sea. There are no forts or other obstacles to the navigation of the river, which might be effected, with the greatest facility, by the aid of steam

effected, with the greatest assumpt, of the early history of Peking is involved in obscurity; but it is generally regarded by native authorities as one of their most ancient cities. It is clear, however, from the statements of Marco Polo, who describes Peking under the name of Kambalu, that the N. Imperial, or Tartar city, was either built or restored by Kublai Khan. Marco Polo describes it, as it now exists, as having nearly straight atreets. lined on each side with Khan. Marco Polo describes it, as it now exists, as having perfectly straight streets, lined on each side with booths and shops. The Mongul dynasty, founded by Kublai, continued to occupy this city till it was expelled from China, in 1367. In 1421, the third emperor of the Chinese dynasty of Ming transferred his residence thither from Naukin, since which it has been the capof the empire. (Marco Polo, by Maraden, lib. ii. cap. 7.) PELEW ISLANDS. See art. FOLYMBIA in this

Dictionary
PEMBROKE, a maritime co. of S. Wales, the most
westerly in the principality, having N. St. George's
Channel and the co. of Cardigan, E. the latter and
Caermarthen, and S. and W. the Bristol Channel and Channel and the co. of Cardigan, E. the latter and Caermarthen, and S. and W. the Bristol Channel and St. George's Channel. The coast line is very irregular, being deeply indented with arms of the sea, including fillion of the county the highest point of the Prescelly mountains rises to the height of 1,761 feet above the level of the sea; but with this exception the surface elsewhere is merely undulating. It is watered by the Cleddeu, Cleddy, and other treams, and owing to the number of its deep bays, it has, in most parts, every convenience for watercarriage. The soil is very various: in the S. it rests on a limestone and sandstone bottom, and is, speaking generally, very fertile: elsewhere the soil rests mostly on a slaty rock, and though not so fertile as the other, it is still, with few exceptions, far from unproductive. Principal crops, wheat, barley, and oats. Lime, shelly-sand, or marl, may almost every where be had; and, in fact, were this co. well farmed, it would be one of the most productive districts of the empire; but we regret to have to add that its agriculture is very far behind. There is a great want of drait age, and of a proper rotation of crops: the land is often foul and exhausted: and the implements of husbandry, and the mode of using them, are alike bad. Latterly, however, some improvements have been introduced. Leases for 14 years have been unserted in the leases for the preservation of over-cropping. But a vast deal still remains to be done before agriculture in this and the adjoining Welsh cos. attains to even a medium state of advancement. Owing to the great mildness and humidity of the climate, of over-cropping. But a vast deal still remains to be done before agriculture in this and the adjoining Welsh cos. attains to even a medium state of advancement. Owing to the great mildness and humidity of the climate, and the nature of the soil, this co. is extremely well suited for grazing and dairying; and a good deal is done in both departments: the cows used in the dairies are now generally a cross with the Ayrshire breed. There are some large estates; but property is nowithstanding a good deal subdivided: farms are of all sizes, but mostly rather small. The modern farm-houses and offices are generally good and commodious, but many are still very grater and very inconveniently situated. Not a few of the older farm-houses and many of the cottages have mud walls, about 5 ft. in height, with a "wattle-and-daub" chimney, and are both mean and miserable dwellings. Luckliy, however, they are gradually becoming less numerous, and will, it is to be hoped, be as no distant period wholly extirpated. Average rent of land in 1843, 112, 13d, an acre. Anthractic coal, slate, and limestone are found in large quantities. Manufactures unimportant. Principal towns, Pembroke, Tenby, Haverfordwest, and \$8 parishes, and returns 3 mems to the H. of C., one for the co., and one such for the Haverfordwest, and the Pembroke dan feutures. Sume contributed to the relief of the poor in 1847, 26,0724. Pembroke had 18,33 inhab. houses, and 88,044 inhabs., of whom 40,250 were males and 47,794 females. Sum contributed to the relief of the poor in 1847, 26,0724. ag good deal subdivided: farms are of all sizes, but mostly rather small. The modern farm-houses and offices are generally good and commodious, but many are still very inferior, and very inconveniently situated. Not a few of the older farm-houses and many of the cottages have mud walls, about 5 ft. in height, with a "wattle-and-daub" chinney, and are both mean and miserable dwellings. Lucklity, however, they are gradually becoming less numerous, and will, it is to be hoped, be at no distant period wholly extirpated. Average rent of land in 1843, 11z. 13d. an acre. Anthractic coal, sites, and limestone are found in large quantities. Manufactures unimportant. Principal towns, Pembroke, Temby, Haller, and St. David's. It is divided into 7 hundreds, and 148 parishes, and returns 3 mems. to the refordwest and the Pembroke districts of bors. Registered electors for the co., and one each for the Haverfordwest and the Pembroke districts of bors. Registered electors for the co., and one seach for the Haverfordwest and the Pembroke districts of bors. Registered electors for the co., and one seach for the Haverfordwest and the Pembroke districts of bors. Registered electors for the co., and one seach for the Haverfordwest and the Pembroke districts of bors. Registered electors for the co., and one seach for the Haverfordwest and the Pembroke districts of bors. Registered electors for the co., in 1845-30, 3,015. In 1841, Pembroke had 18,532 inhab. houses, and 88,044 inhabs., of whom 40,250 were males and 47,734 females. Sum contributed to the relief of the poor in 1847, 28,0724. Annual value of real property, in 1815, 320,3911.; do. in 1841, 1842, 1843, 1843, 1843, 1843, 1844, 1845, 1844, 1845, 1844, 1845, 1844, 1845, 1844, 1845, 1844, 1845, 1844, 1845, 1844, 1845, 1844, 1845, 1844, 1845, 1844, 1845, 1844, 1844, 1845, 1844, 1845, 1844

PENNSYLVANIA.

which are sloping gardens; and, though it be the co. town, its small size and general quietness give it more the appearance of a village. The public buildings comprise a town-hall, custom-house, and 3 churches, one of which is in the suburbs. St. Michael's, at the E. end of the town, is a cruciform structure of Norman architecture; St. Mary's is in the pointed style, and somewhat more ornamental: St. Nicholas', the parent church, is in the W. suburb of Monkton. The livings are united in a single vicarage, in the gift of Sir John Owen. There are several places of worship for dissenters, most of which, as well as the churches, have Sunday-achools for children of both sexes. Pembroke has also a small endowed grammar-school. On a high and rocky eminence W. of the town, is the castle, an octagonal structure, nearly surrounded by water, which, on account both of its extent and beauty, ranks among the most splendid monuments of military architecture in the principality: it was brave defence by its royalist garrison. The keep is 75 ft. high to the dome, and 163 ft. in circumference at its base, the mean thickness of its walls being 14 ft. It consists of 4 stories, and its still covered in with a vaulted stone roof. About a m. N. W. the town, and within St. Mary's par, is Paterchurch, now more commonly called Pembroke or Paterdock, from the government dock-yard transferred thither from Millord in 1814. It is pretty regularly built, and contains the houses of the persons connected with the dock-yard. It has a handsome market-place, and many good shops, most of which, however, belong to the tradesmen of Pembroks.

The dockyard, which is defended westward by a strong battery, occupies about 00 acres of land; and when the improvements now in progress are completed, it will be one of the finest building-yards in the kingdom, capable of having on the stocks, at one, five or sk first-rate ships, and several others of smaller size. There is also a mall private dockyard. A very fine jetty has recently been complet

of having on the stocks, at once, five or six first-rate ships, and several others of smaller size. There is also a small private dockyard. A very fine jetty has recently been completed, and as ships of any burden may come up to the dock, there can be little doubt that the importance of the place will rapidly increase, especially as the packet establishment has lately been removed here from Milford. "The inhabs. of Fembroke consist, at present, of shop-keepers, people of small independent fortunes, and a few persons whose business is at Fembroke Dock. Pembroke serves, in a great measure, as a depôt for the neighbouring district. Stone-coal is brought from a distance of about 6 m. eastward, and bituminous coal from Swansca, Lianelly, Newport, and the S. coast in general. The articles of export are confined to cattle, corn, and butter; the imports consist chiefly of articles of ordinary consumption." (Muss. Corp. and Bound. Rep.) The bor. of Fembroke was incorporated in the 10 Henry II.; and is divided into two wards, under a mayor, 5 other aldermen, and 18 councillors. It has likewise a commission of the peace, under a recorder. Corporation revenue, in 1849, 562. Fembroke returns 1 mem. to the H. of C., in commexion with Tenby, Wiston and Milford. Registered electors for the co. A county court is established here, before which 405 plaints were entered in 1848. Markets on Saturday; fairs, April 12., Trinity Monday, July 16, Oct. 10, and Nov. 30. (Nickolson's Comb. Guide ; Corp. Bound. Reports, etc. P. die hourd Contentions of the condition of the

PENNSYLVANIA.

eq. m. Pop., in 1840, 1.734,023, of whom only 64 were slares. The Alleghany Mountains occupy all the central part of this state, covering, with their ramifications, more than half its area. The W. and E. parts are comparatively level, the W. plain being by far the larger, and watered by the Alleghany and other tributaries of the Ohio, as the E. is by the Delaware and its affuents the Schuylkill, Lohlgh, &c. The centre of the state is traversed by the Susquehannah. This river, the largest of those failing into the Atlantic in the U. States, rises in Oswego Lake (New York), near the sources of the Mohawk, and runs, with a very tortuous course, generally conthward, till it falls into the bottom of Chesapeake, till it falls into the bottom of Chesapeake Bay, lat. 39° 50′ N., long. 76° W., after an entire course of at least 500 m. It receives numerous tributaries; but its channel is so much interrupted that it is but little available for navigation. Most of the other rivers in the state are obstructed. The soil in the E. is partly light and sandy, but in the laterior plains and valleys it is a deep rich loam; there are few absolutely sterile tracts, and, in general, this is one of the most productive portions of the Union.

The climate is changeable; though, upon the whole,

and, in general, this is one to the same productive por-tions of the Union.

The climate is changeable; though, upon the whole, one of the most agreeable and temperate in the U. States.
The season of frost and snow soldom exceeds three months; the winter commencing from the lat to the 15th of Bosember, and terminating from the lat to the 15th of March. The heast of summer is seldom oppressive, ex-cept in low situations. Near the sea-coast the tempera-ture of winter is severe, varying in the months of Janu-ary and February from 14° to 2°° Fab. The elevated parts are healthy; but the climate there is described as a compound of most others. "In spring it has the mois-ture of Britain; in summer, the heast of Africa; the tem-perature of Italy in June; the sky of Egypt in autumn; in winter the cold and snow of Norway, and ice of Hol-land; the tempests of the W. Indies in every season, and the monthly variable winds and weather of Great Bri-tain."

in winter the cold and snow of Norway, and loe of Holand; the tempests of the W. Indies in every season, and the monthly variable winds and weather of Great Britain."

Pennsylvania yields all the fruits and products of the N. and middle parts of the Union, and is better adapted for the culture of the mulberry and grape than the greater number of the other states. Most of the finer fruits of temperate climates are raised in the greatest tuxuriance, and the cider is particularly excellent. Almost every variety of grain is raised, but wheat is the staple; and Pennsylvania is emphatically a wheat-growing country, the crop of 1840 having been estimated at above 13 millions bushels. Most branches of agriculture are in a comparatively advanced state.

"The whole district of country," says Mr. Stuart, "through which I travelled was equal in point of appearance of cultivation, and in the style and size of the farm-houses and office houses (generally of brick), to what is to be seen in the best districts of England or Scotland; but thorn hedges, and in general dropping trees, are wanting, even in this district, to make the picture of a beautiful English farm complete. The crops of rye and clover were particularly fine, and the gardens good, and in good order. In some respects, however, the farmers here have great advantages. They are all proprietors of the soil, and of course not liable to be removed; and in such easy circumstances, that every one of them keeps his own comfortable open carriage." (Shauri's Three Years in Meserica, il. 489, 489.)

Horses and cattle, especially the former, are particularly good; and this is, next to N. York, the principal wool-growing state of the Union. It is, also, remarkshie for its mineral wealth, possessing vast quantities of iron, coal, and salt. Anthractic coal is found E. of the Lindau was in its infancy, only 9,541 tons being brought to market! Bituminous coal is said to be found nearly everywhere W. of the mountains, and large quantities are consumed at Pittsburg, Clincinnati, &c

dolls. During the same year there belonged to the state 281,633 tons of shipping, principally owned in Phila-

231,033 tobs of suppens, principally consent at his-delphia. Peonsylvania has a very extensive system of internal communication, partly effected by private companies, but principally by the state government. The grand canal between Philadelphia and Pittsburg, a distance of 305 m., connects the Delaware with the Ohio, and is second in importance only to the Eric Canal in the state of New Vanh. 18 has with its various branches. an aggregate importance only to the Krie Canal in the state of New York. It has, with its various branches, an aggregate length of 500 m.; and has, besides, 2 railroads connected with it, one, 82 m. in length, extending from Philadelphia to Columbia, and the other, 36 m. in extent, crossing the Allephanies, and uniting the E. and W. divisions of the canal. All these works belong to the state; the total example of their completion having been nearly 4,000,000. sterling. (Stevenson's Croit Engineering in N. America; Amer. Alm., 1841.) The principal private undertakings are the Schuylkill canal from Philadelphia to Port Carbon, 108 m. in length, with 129 locks, and completed at a cost of 2,500,000 dolls.; and the Lackaware canal, 35 m. in length, with which a railroad is connected, the total cost of both having been 2,000,000 dolls. The coal districts are traversed by upwards of 100 m. of railroads. In 1848, 974 m. of railway had been undertaken in the state, of which 527 m. had been completed, at a cost of 23,749,200 dolls. By the constitution as amended, in 1838, the legislative

22,143,250 Golls.

By the constitution as amended, in 1898, the legislative power is vested in a general assembly, consisting of a senate and a bouse of representatives. The mems. of the latter, of whom there are 100, are chosen annually in each co. by all the white free male citizens, 21 years of age, who have resided for a year in the state, and for 10 days immediately previous to election in the co. for which they offer to you and who have mithin? wears raid a state, who have resided for a year in the state, and for 10 days immediately previous to election in the co. for which they offer to vote, and who have within 2 years paid a state or county tax. The senators, of whom there are 33, are chosen for 3 years, 1-3d being elected annually at the time of the election for representatives. The General Assembly meets every year in January. The supreme executive power is vested in a governor, who holds office for at least 3 years. Judges are appointed by the governor, with the consent of the senate, for terms varying from 5 to 15 years. The state is divided into 19 judicial districts; Harrisburg is the legislative cap., but Philadelphia the chief city. The other principal cities and towns are Lancaster, Pittsburg, and Reading. The state militia (with a few exceptions) consists of all free ablebodled white male citizens between 18 and 45; and, in 1850, included 276,070 individuals. Pennsylvania has a university, and had, in 1848, 9 colleges, with numerous academies and female seminaries, and 7,848 common achools, attended by 560,050 pupils. Total public revenue in 1848, 3,831,776 dolls., of which 1,550,555 dolls. were produced by canal and railway tolls. Total public debt at the end of 1848, 40,434,737 dolls., annual interest on the same, 2,039,043 dolls.

The pop. of this state is very mixed, including a great sumber of Germans. 2c., whose ancestors were originally autored.

same, 2,039,043 dots.

The pop of this state is very mixed, including a great number of Germans, &c., whose ancestors were originally attracted thither by the broad principles of toleration laid down by Penn. Religious creeds are no less various; Methodists, Presbyterians, Lutherans, Baptists, German Reformed, and Friends, are, however, the prevailing

sects.

Previously to its conquest by the English, in 1684, this territory had been colouised by the Dutch and the Swedes, it was granted by charter to William Penn, in 1680, and taken possession of by him in the following year, and continued afterwards a proprietary government. Pennsylvania acted a conspicuous part in the revolution: the declaration of independence was drawn up in Philadelphia. (American Almonack, 1850; Plint's Goog. of the U. States; Darke v. Readford Re.

declaration of Independence was drawn up in Philadelphia, (American Almonack, 1890; Ptinis Geog. of the U. States; Derby; Bradford, &c.) Ptinis Geog. of the U. States; Derby; Bradford, &c.) Ptinis Geog. of the U. States; Derby; Bradford, &c.) Ptinis Geog. of the U. States; Camberland, ward Leath, in a valley watered by the Ramont and Lowther, which unite their streams about in. below the town, 17 m. S. S. Carlisle, and 43 m. N. Lancaster. Area of par., 6,640 acres. Pop., in 1841, 6,420. The town, which mostly consists of a principal street along the line of road from Kendal to Carlisle, is clean and neat, built chiefly of red free-stone, much improved of late years. The church is a large and handsome structure, nearly rebuilt in the beginning of last century: on its walls are many curious old inscriptions, and in the church-yard is a rude monument called the Glant's Tomb, consisting of 2 stone pillars 10 ft. high, and 13 ft. apart. The living is a vicarage in the gift of the Bishop of Carlisle. The Independents, Wesleyan and Primitive Methodists, and the Secession church of Scotland, have also their respective places of worship, with attached Sunday-achools. A free-school was founded here by Queen Elizabeth, and there are several charity-schools. On an eminence W. of the town are the remains of Penritic castle, a square structure surrounded by a deep fosse and rampart: it is supposed to have been built during the wars of the roses, and was destroyed in the time of the Commonwealth. Northward is an excellent enclosed race-course, on which races take place K k 4

at the beginning of October. The inhabs, are principally employed in agriculture and linen-weaving; but the town has also a considerable retail trade, and law of Scotland, and in the neighbourhood of the lake, occasions a large influx of visitors. Quarter and petty sessions are held here; and a county court is catablished in the town, before which 384 plaints were entered in 1848. Penrith is also one of the polling-places at elections for the E. division of the co. Markets on Tuesday and Saturday: fairs April 25th and 26th, Sept. 27th, and Nov. 11th, for horses, cattle. &C.

day: (airs April 23th and 23th, Sept. 27th, and Nov. 11th, for borses, cattle, &c.

Penrith is a town of considerable antiquity, and often suffered in the border wars. There are some interesting objects in its vicinity, among which may be specified Lowther Castle, a magnificent modern structure, the seat of the Rarl of Lonsdale; with Brougham Hall, Eden Hall, Greystoke and Dacre castles, the Giant's cave, King Arthur's round table, and other British antiquities scattered over the district. (Tattersul's Guide to the Lakes.)

King Artnur's round dates, and the scattered over the district. (Tattersull's Guide to the Lake.)

PENRYN, a parl and mun. bor., market-town, and township of England, par. of St. Giuvias, co. Cornwall, and E. div. hund. Kerrler, on the slope of a hill at the mouth of a small river running into Falmouth harbour, 1½ m. N.W. Falmouth (of which, indeed, it may almost be considered a suburb), and 78 m. S.W. Exeter. Pop. of new mun. bor. in 1841, 3,37; and of parl. bor. (which includes the neighbouring bor. of Falmouth), 12,160. The town consists chiefly of one wide street, crossed by 3 or 4 others of inferior size, its principal buildings being the town-hall (with a small attached gaol) and a custom-house. The church is a large plain building: the living is a curacy subordinate to the vicarage of St. Giuvias, the church of which is on the opposite side of the river. The Wesleyan Methodists and Baptists hava, also, their respective places of worship; and there are 3 Sunday-schools. "Penryn possesses no manufacture of consequence, nor is the general trade such as to warrant the expectation that the town will increase materially in wealth or importance. The commodities imported are confined to those required for the consumption of the town, and for the use of the males in the immediate neighbourhood. The principal commodities imported are confined to those required for the consumption of the town, and for the use of the mines in the immediate neighbourhood. The principal and almost only export is the granite which is quarried on the moors a few miles from the town; and this trade has of late been on the decline. There appears, however, to be a considerable general trade; and the shops are very numerous." (Parl. Bound. and Corp. Reps.)

The bor. of Penryn was incorporated in 19 James I. Its mun. boundaries were considerably enlarged by the Mun. Reform Act; under which its corporate officers consist of a mayor, 3 other aldermen, and 12 councillors. Corporation revenue in 1848-49, 4021. Penryn has sent 2 mems. to the H. of C. since the reign of James I., the right of election down to the Reform Act having been in

right of election down to the Reform Act having been in freeholders, resident leaseholders for 99 years, and householders, after a residence of six months. The Boundary Act enlarged the electoral limits of the pari, bor. so as to include with the old bor, the entire par. of Falmouth, with portions of the pares of St. Clarks and Rudok;

FERIUSEUX.

Ined with mean-looking houses. A handsome town-hail, chapel of ease (subordinate to the par. of Madron), and places of worship belonging respectively to Methodists. Presbyterians, and the Society of Friends, are its chief public buildings. It has a free-school, 3 Sunday-schools, a dispensary, a natural history society, and other societies, as well as the valuable museum, belonging to the geological society of Cornwall, which has its head quarters in this town. "Besides its local advantages, arising from soil, climate, and scenery, Penzance is the the geological society of Cornwall, which has its head quarters in this town. "Besides its local advantages, arising from soil, climate, and scenery, Penzance is the market-town of an extensive district, and the port from which the produce of the neighbouring mines and fisheries is exported in considerable quantities. On the whole, the town is fast increasing both in extent and prosperity, and many good houses have been erected within the last 3 or 4 years." (Mss. sasd Bossel Rep.) This and copper are extensively wrought in the vicinity, and the fishery of pilchards, whitings, &c. is carried on with great activity. The gross customs' duties received at this port in 1846, amounted to 16,4734. The harbour is not suitable, except for the smaller class of vessels, its depth at high water springs being only 13 ft., and at neaps only 9 ft. (Purdey's Bagitas Chossel, p. 80.) The pier is upwards of 600 ft. in length, having a lighthouse at its extremity. On the last of January, 1850, 97 vessels, of the agg. burden of 9,490 tons, belonged to the port. The mildness of the climate, and the fertility as well as beauty of the surrounding district, render it a desirable residence for invalids, many of whom are settled here, and for whose accommodation baths, libraries, boarding-houses, &c. have been established within the last few years. The bacenery of Mount's Bay is also extremely fine, and on its N.B. side is St. Michael's Mount, a rock of conical form, having a base of nearly a mile in extent, and gradually diminishing to the summit, which is crowned with a chapel, its tower being 250 ft. above low-water mark.

The bor. of Penzance was incorporated in the 13

mark.

The bor. of Penrance was incorporated in the 12
James I., when it was also made one of the coinagetowns of the duchy of Cornwall. The Municipal Reform Act considerably enlarged its limits; and, at the
same time, it was divided into 2 wards, its municipal offi-

same time, it was divided into 2 wards, its municipal officers being a mayor, 5 other aldermen, and 18 councillors. It has a commission of the peace, under a recorder; and a county court has been established here, before which 726 plaints were entered in 1848. Corporation revenue in 1848-9, 4,064/.

Petty sessions for the W. division of the hund, are held here, and Penzance is one of the polling places at elections for the W. division of Cornwall. Among other distinguished citizens, Penzance has to boast of Sir Humphry Davy, born here on the 17th of December, 1778. He also received his early education, and served an apprenticeship as surgeon in the town. Markets on Thursday and Saturday; large fairs, Thursday before Advent, and Thursday after Trinity Sunday, for cattle, farming produce. (Municipal Corp. and Boundary Reports, &c.)

mems. to the H. of C. since the reign of James I., the right of election down to the Reform Act having been in freeholders, resident leaseholders for 99 years, and householders, resident leaseholders for 99 years, and householders, after a residence of six months. The Boundary Act enlarged the electoral limits of the parl. bor. so as to include with the old bor. the entire par. of Falmouth, with portions of the pars. of St. Giuvias and Budock. Registered electors in 1849-50, 889. Markets on Wednesday and Saturday. Fairs, May 12. July 7., and Dec. 21. PENZA, a government of Russia in Europe, between 529 48° and 559 N. lat., and 429 25° and 469 41° E. long., having N. the government of Nipil-Novgorod, E. Simbirsk, S. Saratoff, and W. Tamboff; area, 14,350 sq. m. Pop., (1846), 1,087,200. Surface, fat or feebly unduslating; soil, extremely fertile; climate, mild. Rivers numerous, but except the Sura and the Mokcha, affinents of the Wolga, the others are of little importance. Produce of the corn crops estimated at from 9,000,000 to 10,000,000 chetwerts, of which large quantities are exported. Considerable attention is paid to the raising of cattle, sheep, and horses, particularly the latter. Foresta very extensive and valuable. There are valuable from mines near Troitak; and in some parts there are quarries of mill-stones. Large quantities of coarse linen and woolen stuffs are prepared in the cottages of the peasantry; and there are bresides several considerable commerce, and some parts there are quarries of mill-stones. Large quantities of coarse linen and woolen stuffs are prepared in the cottages of the peasantry; and there are bresides several considerable commerce of beet-root sugar. (Schnitzler, La Russic, &c., p. 681, &c.)
PRINZA, the cap, of the above government, on its S. E. frontier, near the Sura; latter of soap are extensively carried on; and it has a considerable commerce.

PENZANCE, a mun. bor., sea-port, market-town, and township of England, par. Madron, near the W. externity of Co. Cornwall, and on t

during the religious wars. (Hugo, art. Dordegue; Dict. Gióo., &c.)
PERM an extensive gov. of the Russian empire, extending from the 56th to the 63d deg. of lat., and from 524 to 64 degs. E. long., having W. the gov. of Viatka, and E. that of Tobolsk. It is divided by the Ourai chain into two unequal portions, the larger, or that on the W. side, being in Europe, and the smaller, or that on the E. side, in Asia. Neither the area nor the pop. has been exactly ascertained, but the former may be taken at about 86,000 sq. miles, and the latter at 1,600,000 or 1,700,000 individuals. More than 3-4ths of the surface is covered with dense forests. The W. side of the government is traversed by the Kama, one of the principal affluents of the Wolga: the rivers on the E. side of the Oural mountains full into the Obl. The climate is very severe, and the soil beyond the 60th deg. of lat. is hardly susceptible of cultivation. The mines in the Oural mountains furnish employment to about 100,000 work-people, and yield large quantities of gold, sliver, copper, ion, sail, &c. (See Russia.) The corn produced in the government is insufficient for the consumption of the inhabs.

Perm, the chief town of the government, is situated set the Kama. lat. 580 1' N., long. 56° 26' 15" E. Pop.

the government is insufficient for the consumption of the inhabs.

Perm, the chief town of the government, is situated on the Kama, lat. 89° 1' N., long, 56° 26° 19′ E. Pop. 10,000. It is built entirely of wood, and is the seat of an archbishopric, and has several public establishments. The inhabs, are principally employed in smelting the iron, copper, and other products, of the adjacent mines. PERNAM BUCO, a city and sea-port of Brasil, inferior only to Rio Janeiro and Bahia in commercial importance, cap. prov. of its own name, on the Atlantic, at the mouth of the Capabaribe, 210 m. N. E. Bahia; lat. 80° 4′ 7′′ S., long. 24° 51′ 4′′ W. Pop. estimated at 62,000. It consists of the separate towns of Olinda, Recife, Boa. Vista, and St. Antonio; the first of which is on the mainland, and the others lie S. from it on a succession of low sandy banks, separated by salivater creeks and different arms of the river, but connected with each other by two bridges. Recife, or Pernambuco proper, the most southerly, about a m. S. W. Olinda, is defended by the principal forts, and comprises the dock-yard and the larger merchants' warehouses. Most of its streets are narrow; its houses are chiefly of brick, and sometimes from three to five stories in height, but usually less lofty. Several churches, the port admiral's residence, and the custom-house, are among its meat conspicuous public buildings. St. Antonio, the residence of the greater number of the provincial authorities, has broad streets and large houses, the ground floors of which are appropriated to shops, warehouses, stables, &c. When Koster visited Pernambuco, the shops were without windows, the only light being admitted by the door. There existed, also, very little dishouses, stables, &c. When Koster visited Pernamburo, the shops were without windows, the only light being admitted by the door. There existed, also, very little distinction of trades, all kinds of goods being sold by the same person; the bridges of the city were crowded with shops; neither the streets of this town or those of Bea-Vista were paved, but it is probable that since that period many important improvements may have taken place. In St. Astronio are the governor's palace, formerly the Jesuit's convent; the treasury, town-hall, prison, barracks, several convents and churches handsomely decorated within, and several good squares; and it has a gay and lively appearance. A long embankment connects this within, and several good squares; and it has a gay and lively appearance. A long embankment connects this town with the main land. Boa-Vista is extensive, but irregularly laid out; it has one handsome street, and comprises the residences of many of the richer inhabitants of the city, surrounded with gardens, various churches and convents, &c. Olioda is beautifully situated on small hills, the sides of which are alternately either broken down abruptly, or covered with a most luxuriant tropical vegetation; amid which, the white cathedral, the convents and churches, the bishop's palace, and numerous villas, have a most picturesque effect. But Olioda is in a state of decay, having been deserted by many of its pop. for Recife and the other parts of the city. parts of the city.

parts of the city.

The harbour of Pernambuco is defended from the swell of the ocean by an extensive reef (rrcife); which, according to Koster, continues along the whole coast from Maranham, at a variable distance from the shore, and has numberless breaks, through which ships approach the land. This reef, which is said to be of coral, "is scarcely left. broad at top; it slopes off more rapidly than the Plymouth breakwater, to a great depth on the outside, and is perpendicular within to many fathoms." (Graham is Mostern Traveller, xxx. 238.) This natural break-water forms the harbour; for, though at high water, the waves beat over it, they strike the quays and buildings of the town with diminished force. Along the sandy neck of land between Olinda and Boa-Vista, however, which is uncovered by the reef, the surf is very violent; and the harbour itself is not considered very safe. It consists of 2 parts: the Poco, capable of receiving vessels of 400 tons and upwards, to 30 ft. water; and the Mosqueiras, much better protected than the former, but on the bar of which there are but The harbour of Pernambuco is defended from the swell

aring the religious wars. (Hugo, art. Dordogne; Dict.

7 ft. water at ebb tide. Vessels trading with Pernambuco ought not to draw more than from 10 ft. to 12 ft.

PERM, an extensive gov. of the Russian empire, exhibite of the field to the 62d deg. of lat., and from the 56th to the 62d deg. of lat., and from the to 64 degs. E. long., having W. the gov. of Viakla, but of Tobolsk. It is divided by the Oural Brum; and has at its entrance a lighthouse with a resolution to two unequal portions, the larger, or that on

volving light.

The exports consist principally of cotton to the extent of from 20,000 to 25,000 bags a year; rugar to the extent of from 50,000 to 50,000 bags a year; rugar to the extent of from 50,000 to 60,000 tons; and hidd and dyswoods. At an average, the value of the exports may amount to from 1,200,000. to 1,400,000. a year. In 1836, 173 vessels cleared at Pernambuco for foreign ports, of which 42 were for England. The value of the imports from England, in the course of that year, was estimated at about 600,0004, consisting principally of cotton and linen manufactures, hardware and cutlery, apparel and slors. earthenware, &c.

PRENAUL a fortified sea-port town of Russie sere.

sions. earthenware, &c.

PERNAU, a fortified sea-port town of Russia, gov.

Livonia, at the confluence of the Pernau with the N.

angle of the Gulph of Riga, lat. 58° 21' 20' N., long,

24° 28' 18' E. Pop. 9,000. It comprises an old and a

new town, and two suburbs; and has three churches,
and a Latin school. There is a bar at the meuth of the

river, which can only be crossed by the smaller class

of vessels; those of larger burden having to load and

unload in the roads, where the anchorage is not very

good. It has a considerable export trade, especially in

corn, hemp and flax, linseed, &c.; the aggregate value

of the exports amounting to shout 2,500,000 or 3,000,000

roubles a year.

of the exports amounting to about 2,500,000 or 3,000,000 roubles a year.

PERONNE, a fortified town of France, dép. Somme, cap. arrond., on the Somme, 29 m. E. by N. Amiens. Pop. in 1846, 3,860. It has a handsome town hall, a Gothic par. church, in which one of the Merovingian kings is interred; but the edifice possessing the greatest interest is its old castle, in a tower of which Charles the Simple was confined by a count of Vermandois, and subsequently Louis X1. by Charles the Bold, duke of Burgundy. The latter circumstance forms the basis of one of the finest episodes in Scott's novel of Quantia

subsequently Louis XI. by Charles the Bold, duke of Burgundy. The latter circumstance forms the basis of one of the finest episodes in Scott's novel of Quentin Durward.

Peronne has been frequently besieged by the Spaniards, but unsuccessfully; and it had not been taken till it was stormed by the British about a week after the battle of Waterloo. At the castle of Applincourt, near Peronne, the famous "heague" was concluded, in 1876, between Henry III. and the Duke de Guise. (Hage, art. Somme: Guisée des Foyagear.)

PERPIGNAN, a strongly fortified town of France, dép. Pyrénées-Orientales, of which it is the cap., on the Tet., where it is joined by the Basse, 80 m. S.W. Montpellier: lat. 42° 43° 3° N., long. 2° 49° 9° E. Pep., in 1846, 18,264. It is built partly on a declivity, and partly in the plain beneath; and is separated by the Basse from Es Blangaer/rcs, or the new town, and by the Tet from a suburb. Each river is crossed by a bridge, that across the Tet consisting of seven arches. The fortifications of Perpignan have been improved considerably since 1815; and it is now one of the beat fortified towns of France. It is surrounded with walls of brick and stone, flanked by several bastions, and encircled by ditches, beyund which are numerous outworks. It is further defended by a citadel, with a double line of ramparts, besides outworks; within which are the barracks and the castle formerly the residence successively of the counts of Roussillon, and of the kings of Aragon and Majorca. The town is not well built, though improving. There are a few good streets and squares, and some pleasant public promenades; but the public thoroughfares generally are faliguing to pedestrians, from being paved with small round stones. The cathedral is a handsome Gothie diffice, of the 14th and 15th centuries, 250 ft. in length, by 64 ft. in breadth, and remarkable for the beauty and boldness of its nave and vault; which last is sustained without the aid of any columns rising from the area of the building. The old church of St. J

ducts of the S. of France. (Hisgo, art. Fyren.-Utens. ; Guide dw Vyoggeur.) PERSEPOLIS (the Istabler of the anc. Persians), a celebrated city of antiquity, and during a considerable period the cap. of Persia, and residence of its monarchs, prov. Farsistan, in a fine plain at the foot of a mountain, against which it abuts, near the Araxes, or Bundemer, 30 m. N.E. Shiraz; lat. 29° 59' 30' N., long. 58° 30' E. The

city appears to have covered a large surface; bricks, frag-ments of walls, and rubbish being found widely scattered; but the only extant ruins of any interest or importance are those of a vast building, of rather series of buildings, supposed to have been the palace of Darius, burned by Alexander the Great.

supposed to have been the palace of Darius, burned by Alexander the Great. It would be impossible, without the aid of plates, to give any intelligible description of these vast ruins. We may, however, state, that they occupy the summit of a platform about 1,430 ft. in length, 803 ft. in width on the 8, and 936 ft. on the N. side, and about 50 ft. in height, formed by levelling the summit of a marble rock. This platform is ascended by easy flights of steps, cut into the rock on its W. side, and, when entire, consisted of 3 fronts or terraces, the mountain forming its E. side.

of 3 fronts or terraces, the mountain forming its E. side.

The ruins consist of the remains of vast portals or gateways (one of which is formed of two enormous aphinxes), pillars, walls, on which, but especially on the sides of the staircases, figures are cut in basso relievo, which are highly interesting as illustrating the costume and armour of the ancient Persiana. Some of the remaining columns are 60 ft. in height, and though their capitals and form be very different from what we have been accustomed to consider classical, they are extremely eautiful, and many of the sculptures are executed with infinite spirit. Numerous tombe have been cut into the mountain, on which, as already stated, the palace abuts. (Porter's Travels, 1. 592-693.; Rich's Babylon and Persepotis; Nicobur, Yogage on Arable, ii. 98-181.; Mod. Trav., 4c.)

Perhaps, however, the most curious portion of the ruins of this vast palace consists of the inscriptions in arrow-headed or cunsiform characters, similar to those on the bricks of Babylon, found in great profusion on most parts of the walls. Very discordant opinions have been entertained with respect to the nature and value of these characters; but Dr. Grotefend, who has bestowed the greatest pains on the subject, has shown that the cunsiform marks are real alphabetical letters; that every inscription is treble (the first being in Zend, and the others in different Persian dialects); that the inscriptions are to the period between Cyrus and Alexander. Heeren considers that these characters are the 'Arview systemara mentioned by Herodotus (iv. 87.); but, in point of fact, notwithstanding the investigations of Grotefend, we are still far from being well informed as to the true meaning of these inscriptions.

The history of Persepolis is, for the most part, hidden

e inscriptions. of these inscriptions.

The history of Persepolis is, for the most part, hidden in obscurity; but it seems to be an established fact that this city is identical with the Istakhar of Persian historians, the foundation of which is ascribed to Cyrus the Great, the Jennsheed of Oriental writers (whence the modern name of the rulin, Takhi-Jennsheed). Herodotis, Ctesias, and the older Greek writers do not mention it and it was not then here here. Great, the Jewsheed of Oriental writers (whence the modern name of the roins, Takkit-Jewskeed). Herodotus, Ctesias, and the older Greek writers do not mention it, and it may not then have been a permanent royal residence. The inscriptions, however (if they have been correctly interpreted), show that it must, occasionally at least, have been visited by Darius, and the several monarchs called Xerxes. It is, at all events, certain that this city was the residence of the unfortunate Darius Codomannus, who, with his court, fied from it after his defeat at Arbela or Guagamela (amso 331 s. c.) by Alexander the Great. The conqueror soon after took the city, and gave it up to military execution. Alexander himself set the palace on fire, under circumstances which, if we may believe Diodorus, have been accurately as well as admirably depicted in Dryden's noble Ode. But Arrian, a far less questionable authority, has given a very different account of the matter. He states that Alexander destroyed this palace contrary to the advice of Parmenio, not in a drunken frolic, but in cold blood, and on principle, in retaliation of the destruction of the Greek temples by the Persians. (Arrians, lib. iii. cap. 18.) From the few notices that now exist, it appears that istakhar was an important city under the Sassanian dynasty. In the 7th century it was taken by the Mohammedans, who, having founded Shirax, made it the capital of Persia; and Persepolis, long on the decline, rapidly sunk to a state of total decay. It may be fairly inferred, from the statement of Arrian (lib. iii, cap. 18.) that the palace destroyed by Alexander belonged to the latter; and though the question as to their identity be not free from difficulty, we are, on the whole, inclined to prefer this conclusion to the contrary theories of later writers.

PERSERIN, a considerable town of Turkey in Europe, pach. Albania, sanjak Scutari, near the Drin, at the boot of a mountain, 73 m. R.N.E. Scutart. Pop., according to the Diet. Greg., 16,000; but, in Horscheiman's Stein,

ance. Albania is said to be principally supplied with fire-arms from its factories.

ance. Albania is said to be principally supplied with fire-arms from its factories.

PERSHORR, a market town of England, co. Worcester, hund. its own name, on the W. bank of the natigable river Avon, crossed here by a stone bridge, 7 mr. S.E. Worcester. Pop. of its two pars. (exclusive of the out-townships), in 1841, 2,813. The town, which consists of one principal street, nearly im. in length, is well built, and paved, having many respectable and a few handsome houses. The church of Holy-cross, formerly attached to a Benedictine monastery, of which there are still some remains, is a large cruciform structure, with a lofty square tower. That of St. Andrew is small and mean looking; both livings are in the patronage of the thodists and Baptists have their respective places of worship; and there are three Sunday-schools and a national school. Some of the inhabs, are employed in the manufacture of stockings; but the town depends principally on its retail trade for the supply of the neighbouring gentry. The petty sessions for the hund, are held here; and Pershore is the chief place of a poor-law union, comprising 40 pars.; the expense of maintaining its own poor having been 1,002L in 1847. It is also one of the polling-places at elections for the E. div. of the co. Markets on Tuesday; fairs, Easter Tuesday, June Se, and last Tuesday in October.

PERSIA, a celebrated and very extensive country of central Asia, between the 39th and 58th deg. N. last., and

56, and tast Tuestay in October.

PERSIA, a celebrated and very extensive country of central Asia, between the 39th and 36th deg. N. lat., and the 44th and 66th deg. of E. long. The political boundaries of the country have varied at different times with the country have varied at different times with central Alia, between the Sth and Soith deg. N. 184., and the 44th and 62d deg. of E. long. The political boundaries of the country have varied at different times with the character or exploits of its monarch: sometimes embracing Armenia and Georgia on the W., Khārezm and Bokhara on the N., and Affhaniatan on the E.; and sometimes being reduced to less than its natural limits. The latter on the S. are the indian Ocean and the Persian Gulph; on the S.W. and W. the Tigris; on the N. the Aras, the Caspian Sea, and an indefinite line in the desert, that separates Persian Khorasan from the territories of Kharezm or Khirva, stretching from the Attruck, which falls into the Caspian, to about the 36th deg. of N. lat. and the Glet deg. of E. long.; whence a waving and undefined line, drawn southwards, separates the Persian territories on the E. from those of Caubul and Affghanistan. At present, however, the actual limits quite independent. (See Beloocustran.) The Turkish territories embrace a large portion of country to the E. of the Tigris; and the country of Talash, to the S. of the Aras, belongs to the Russians. But still even with these deductions, its area probably exceed \$60,000 eq. m.; though, from the vast extent of its deserts, the badness of the government, and the want of industry, the populous not probabily exceed 8 or 10 millions.

Nome.—The most ancient name of this extensive region is that of **Elons** (Genesis, z. 2.). The name of **Persia**, by which it was afterwards known in Europe, appears to have been derived from that of the prov. of **Persia**, by which it was afterwards known in Europe, appears to have been derived from that of the prov. of **Persia**, by which it was afterwards known in Europe, appears to have been derived from that of the prov. of **Persia**, by which it was afterwards known in Europe, appears to have been derived from that of the prov. of **Persia**, by which it was afterwards known in Europe, appears to have been derived from that of the prov. of **Persia**, by which it w

is beyond Iran. (Ancient Universal History, v. 49., 8vo. ed.).

Face of the Country. — Persia may be considered as an elevated plateau, diversified by many clusters of bills, chains of rocky mountains, extensive plains, and harren deserts, with two extensive declivities, or lower tracts—one along the shores of the Persian Gulph and the hanks of the Shat-el-Arab, and the other along the shores of the Caspian. The more southerly portion of the former consists of a succession of sandy or gravelly seen in patches where a well or a rivulet enables the inhabs. to irrigate some portions of the soil. This region is called by the natives Duskitisan and Gurmair, that is, the hot country; and, according to Morier, "dreariness, solitude, and heat" are its principal characteristics: but in the province of Kusistan, to the E. of the Shatel-Arab, this low tract is comparatively well watered by numerous streams, and its upper portion is naturally very productive. The low country along the banks of the Caspian is extremely well watered, and is covered with forests and verdure: it unites on the E. with the desert, which stretches from the E. shore of that sea to the Tartarian steppes.

which stretches from the E. shore of that see to the Tartarian steppes.

The plateau, or elevated space which lies between these two lower slopes, and which rests, as it were, on two great ranges of mountains, may rise to an elevation of from 2,800 to 3,500 ft. shove the see, and on this again chains of mountains rear themselves to various altitudes, seldom, however, exceeding 7,000 or 8,000 ft. shove the sea, and including sometimes between their ranges valleys of va-

rious dimensions, and sometimes rather appearing as islands in the extensive plain.

The most striking features of Persia are its chains of rocky mountains; its long arid valleys without rivers; and, above all, its vast salt or sandy deserts.

Mossularias.—There are two great chains of mountains, which, while they support the plateau of Persia on the N. and S., seem to be the stocks from whence all the minor ranges proceed. The most northerly of these, striking off from the Caucasus, croases the Rur, to the W. of the plains of Mogam, and from Ardebeel runs parallel with the southern shore of the Caupian Sea to Asterabad. It thence passes in an E. direction to Mushed, and, stretching S. of Balkh to the Hindoo Koosh, is lost in the range of the Himalaya, and that stupendous central knot of mountains where the largest rivers of Asia take their rise.

This immense chain, in its extent of more than 20 degs. long., sends forth every where a number of branches, which in some places tink into the plains or deserts on the E. of Persia, and sometimes connect themselves with other elevations. Of these, the Sahund Mountains, striking off from the lake Urumesh in a N. E. direction, which in some places sink into the plains or deserts on the E. of Persia, and sometimes connect themselves with other elevations. Of these, the Sahund Mountains, striking off from the lake Urumeah in a N. B. direction, spread themselves over Azerbijan, and connect more or cless with the spure and branches of that extensive aggregation of mountains in which the Euphrates, Tigris, Zab, and other large rivers, have their sources, and whence they derive their supplies. The range of the Taurus may be considered as a great branch from this central knot, which spreading out in all directions, covers the pachalics of Diarbekir, Erzeroom, Bayasi, Van, and Koordistan, with piles of immense mountains. These rise to a great height between the lakes Van and Urumeah, particularly to the W. of the latter, where the Peaks of Jewar are supposed to attain an altitude of 15,000 or 16,000 ft. above the sea. From this mass a chain of mountains, varying in height and breadth, runs S. E. through Koordistan, bounding at a distance the valley of the Country of the Buchtiarees, and giving birth to the rivers Kerah, Karoon, Abxool, &c. After passing to the 5. of Shiras, it trends still more to the E., and following at uncertain distances the line of the Persian Gulph and Indian Occan, and occasionally almost disappearing, John the ranges of Beloochistan and Mekran, and finally sinks into the deserts of Sinde, or is lost in the high grounds which diverge from the mountains of Afighanistan.

From these two ranges may probably be traced every ridge or knot of mountains that cover Persia as with a network of rocky lines; though many even of those which attain a great degree of altitude appear almost insulated. Among the loftiest peaks may be mentioned that of Demawend, 50 m. N. E. Tehran, from 12,000 to 13,000 ft. above the sea; Elwund, near Hamagha, nearly as high; Sahund, near Maragha; ihe Koh-i-Zerd, near Ispaban, &c., which have not been measured. These mountains include among them an intricate system of valleys and plains, differing in

Caspian are as remarkable for their moisture as the rest of the country is for its aridity; but their rivers are chiefly torrents, sometimes full and foaming, at other times nearly dry. The Kirsliosein, which rises in Ardelan, and passing by Mians falls into the Caspian in the prov. of Ghilan; the Heraux, which flows through Amol; and the Tejen, which passes by Saree, both in Masunderan, are the largest. The Attruck and Goorgan, both considerable streams, falling into the S.E. corner of the Caspian, are fed from the N. face of the Elbrus of Astrabach. It is a singular fact, as Sir J. Malcoim remarks, that from the mouths of the ladus to those of the Karoon and Euubrates. there is not found one river marks, that from the mouths of the indus to those of the Karoon and Euphrates, there is not found one river navigable more than a few miles from the ocean; and, in fact, the rivers that fall into the Persian Gulph and the Indian Ocean, on the shores of Laristan and Kerman, are mere torrents, almost dry during the long period of the summer and autumn heats.

SIA.

Lakes.— In a country so arid there can be but few sheets of standing water, and those which do exist are chiefly salt. Of these the lake Urumeah or Shakes, in Azerbijan, near the frontiers of Turker, 36 m. W. Tabreez, is the most remarkable, both for size and intensity of saltness. According to Kinneir, it may be about 300 m. in circumference, and it has several islands. So saturated is the water with the salt it holds in solution, that immense quantities are deposited, assuming the appearance of a pavement under the shallow water near the brink, and its shores are covered with saline efflorescence. Its waters, like those of the see, appear to be dark bive, streaked with green, and are pellucid in the highest degree. The lake of Baktegan, near Shirax, is another of these sheets of salt water, but on a smaller scale; as is the lake Zurrah, in Selstan. Excepting small pools among the mountains, which are the well-heads of streams, there are no lakes of any considerable size; but on the banks of the Caspian Sea, the beating of the surf, by damming up the mouths of streams, has given birth to some extensive lagoons.

Deverte.— Those which are the most striking of its

size; but on the banks of the Caspian Sea, the neating or the surf, by damming up the mouths of streams, has given birth to some extensive lagoons.

Deserts—Those which are the most striking of its physical features, Persia shares with a large portion of Central Asia and Africa: they consist of sait deserts, called by the natives *Keseer*, and sandy wastes called *Sahra**. The great *Deria** Keseer*, or sait sea, as it is called, is of prodigious dimensions, and may be said to be to Persia what the great desert of Sahara is to Africa: the commence on the N- at the foot of the Elburs monutains, in about the 36th deg. N. lat.; and, uniting with the desert of Kerman, extends S. to about the 30th deg. on the other hand, it extends from about the 51st to the 60th deg. of long., occupying all the central and eastern portion of the country. It has a few oases, or cultivated spost; but they do not amount to 5 per cent. of its extent. The cultivated portions of the country lie round the margin, as it were, of this vest desert plateau, principally to the N.W., W., and S.W., but partly, also, as already seen, to the N. along the Caspian. So of the desert is Beloochistan, and E. Afghanistan.

The nature of this desert varies in different places. In some the surface is dry, and even produces a few saluginous plants; in others, it is covered with a crackling crust of earth, white with saline efflorescence. A considerable portion is marshy; and during winter the melting of the snow and the increase of the torrents cause and accumulation of water in its lower parts, which, being evaporated in the both months, leaves behind a saline increastation in cakes upon a bed of mud. In extensive tracts and predominates, either in the shape of level plains or wave-like hillocks, easily drifted by the wind, and sometimes so light and impalpable as to be carried to a vast discand predominates, either in the shape of leave plains surface is broken by ridges of bare black rocks. Nothing can be more dreary thas these disanse waters. When

acvanced some custance into them, the boundless expanse around, blasted with utter barrenness, and hoary with bitter salt, glistening and baking in the rays of a fervid sun, only broken here and there by masses of dark rock, distorted by the powerful refraction into a thousand wild and varying forms, impress him with a sense of deso-lation that cannot be described.

and varying forms, impress him with a sense of desolation that cannot be described.

Forests and speerance of the Country.—Although
the greater part of Persia is bare of vegetation, there
are a few tracts exempted from this sterility. Among
these are the provinces of Ghilan, Masunderan, and
asterabad, bordering the Caspian Sea. The strip of
low land constituting these provinces, with the N. face
of the lofty mountains by which it is overhung, is
covered with dense forests of oak, elm, beech, sycamore, and all sorts of fruit trees, amongst which the
vine grows with the greatest luxuriance. The swamps
and back waters are bordered with alders of magnificent
size, and amongst the underwood is found abundance of
box, of a magnitude unknown in Europe. In the S. the
chain of Mount Zagros, including Persian Koordistan,
Louristan, and the Buchtiarse mountains, is partially covered, and in many places densely, with forests of oak,
which, however, does not attain any great size; and
parts of Kunistan are overrum with low jungle, the
haunt of wild beasts. The district of Bebahan is rich in
wood; and Kinneir praises highly the beauty of the finelywooded vale of Ram-Hormus in Upper Kunistan. But
except in those districts, which bear but a small proportion even to the inhabited portions of the country, its
appearance is dreary in the extreme, and lacks almost
every thing that gives interest and beauty to European
landscapes. It has no green plains or grassy slopes, no
parks nor inclosures, no hedges nor woods, no magnificent seats nor comfortable-looking cottages, and, excepting in spring, even the portions and fitigues the eye of
the travelier. And if the reeder will farther figure to
the travelier. And if the reeder will farther figure to villages can hardly be distinguished from the brown, and expanse, that every where meets and fatigues the eye of the traveller. And if the reader will farther figure to himself towns and villages, consisting mostly of mud houses, partly in a state of decay, and many of them wholly deserted; roads, if so we may call wretched paths,

wholly impracticable for carriages, and unsafe even for horsemen; property insecure, and tyranny and rapine every where lords of the ascendant, he will be able to form a pretty accurate notion of the state of this celebrated country. (Fraser's Persia; Edinburgh Cabinet Library, p. 29.; Kinsner's Persia, passim, &c.)
Soil.—Lime in various shapes abounds every where, and being mingled in the glens and valleys with the remains of decayed regetables and other detritus, forms a loamy soil of inexhaustible fertility. Indurated clay is often found to mingle with the calcareous matter. Artificial irrigation is here, almost every where, essential to the raising of crops. It is, in fact, the great business of the Persian agriculturist: and is well understood, having been practised from the remotest antiquity. Whereever, indeed, it is neglected, the land is, for the most part, barren and unproductive.

ever, indeed, it is neglected, the land is, for the most part, barren and unproductive.

Climate. — This is found to vary to almost the greatest possible extent in different provinces; and the statement of the Younger Cyrus, that one extremity of his father's dominions attetched into those climates that were unindominions stretched litto those climates that were uninhabitable through heat, and the other into those uninhabitable through cold, is nearer the truth than might be supposed. The summer heats in the S. provs. are almost insupportable; while the cold of winter in those of the N. rivals that of Canada or Russia. In summer, however, even in the N., the heat is so great that all who can leave the towns and villages of the plains in the months of June, July, August, and September, resort to temporary lodgings or tents in the montains. In the low provs. on the Caspian, the heat, though great in summer, is not so excessive as in the S., partly perhaps from the evaporation that takes place, as well as from the breezes from the sea: but the climate is here extremely unhealthy, and in the end of autumn putrid and inter-

breezes from the sea: but the climate is here extremely unhealthy, and in the end of autumn putrid and intermittent fevers prevail to a great degree.

Minerals.— The mineral riches of Persia are almost wholly unexplored. Iron, copper, and lead are, however, known to abound in all the great mountain ranges. The first is not largely produced, and much of the required supply is imported from Russia. Copper has been worked in several places, particularly in Khorasan and Azerbijan; but the distracted state of the country has hitherto prevented much progress being made in such undertakings. Of late, however, an enterprising native, whose mind has been enlarged and his knowledge improved by a residence in England, has commenced working mines in Karadang under favourable appearances of success; and, Of late, however, an enterprising native, whose mind has been enlarged and his knowledge improved by a residence in England, has commenced working mines in Karadang under favourable appearances of success; and, from the connections be has formed, he may perhaps except the extortions to which others of his countrymen would probably be exposed. The mines of Fars and Kerman supply the greater part of the demand for lead, though some is also brought from India. Antimony is found, but is little used. Gold and allver are said to exist, but there are no mines of either worth notice. The turquoise is almost the only gem found in Persia, to which it is peculiar, the mines near Nishapour yielding this precious stone in an abundance and of a beauty unknown in any other part of the world. It is found disseminated in veint, nodules, and irregular masses, in beds of porphyritic conglomerates or limestone deeply tinged with iron, and often veined with micaceous iron ore. Garnets are also found in various parts, especially near Hamadan, of great size and beauty. Rock salt is very abundant all over the country; and the mines of Khameer furnish abundant supplies of sulphur, which is also found in the places. Coal has been discovered in Aserbijan, and naptha is abundant, cheap, and useful.

Vegetable and Asimal Productions:—As Persia embraces a variety of climates, its vegetable productions necessarily vary in different parts. The climate of many of the northern provinces resembles that of Europe, so that most European fruits and vegetables are found there in great perfection and abundance, with several belonging to more southern latitudes. The forests of European trees, that cover the Caspian prova., and the woods that more thinly cover the southern mountains of Louristan and the Buchtiarees, have already been noticed; and to these may be added the stately chinâr, or Platinssue ortestables, the Lombardy poplar, willow, jujube tree, and, in the warmer parts, the cypres and pinaster. The plains are covered with a stunted and prick

rasan. The orchards of Persia are rich in all the fruits of Europe: cotton, tobacco, the opium poppy, figs, vines, and the mulberry, abound every where. The Palma Christi (castor-oil plant) is reared for lamp-oil in the warm districts, and the manna-bearing tamarisk is found in many low moist spots.

Among the animals are found most species common to Europe, with the addition of the camel, wild ass, wild sheep (or Argall), lions, tigers (rarely), leopards, hunt-

ing leopards, tiger-cats, lynxes, and hyenas. There gre many celebrated breeds of horses, of which those of the Toorkman plains and the Chaab district are held in highest repute. They have been a good deal improved by crossing with Arab horses, and though not handsome, highest repute. They have been a good deas improved by crossing with Arab horses, and though not handsome, at least in the estimation of Englishmen, have great strength, speed, and the most extraordinary powers of enduring fatigue. The Persians are extremely fond of, and take great care of their horses. They are clothed with the greatest attention, according to the season of the year; and in warm weather are put into the stable during day, and taken out at night. Next to camels and dromedaries, mules are in greatest repute as beasts of burden, and form the bulk of the caravans employed in transporting goods from one part of the country to another. There is a great variety of birds, and the Caspian is well supplied with fish.

Persia is not, in general, much infested by reptiles or

plan is well supplied with ish.

Persia is not, in general, much infested by reptiles or insects; but the black scorpion and large centipedes are met with in various parts, and the plains in some places swarm in summer with immense Phalangi and enormous spiders, the bite of which is venomous. The stories of spiders, the bite of which is venomous. The stories of the poisonous bug of Miana are believed to be grossly exaggerated; but no words can exaggerate the swarms of gad-files and other stinging insects which set upon the traveller who enters the jungles of Maxunderan in sum-

the poisonous bug of Miana are believed to be grossly exaggerated; but no words can exaggerate the swarms of gad-files and other stinging insects which set upon the traveller who enters the jungles of Maxunderan in summer, nor the clouds of mosquitoes which are bred in its swamps and other low marshy parts of the country. Hosts of locusts, too, occasionally visit the land, destroying every green thing, and themselves supplying food to myriads of wild fow!

Tensures of Land, and Agriculture.— Property in land is of a fourfold description: lst, Khalissa, or crown lands; which, since the confiscations of Nadir Shah, have become very extensive; 3d, those which belong to private individuals; 3d, those granted to charitable or religious institutions; 4th, those granted by the king for military service, or in payment of salaries or annutites. Persons may become proprietors of land by inheritance, by purchase, by gift from the crown, or by reclaiming it from waste by producing the means of irrigation. In any of these cases, except the third, the proprietor's right (he not being the occupant) amounts to the privilege of exacting from the cultivator a tenth part of the produce. In the third case—that of being an assignee of crown lands—he may exact 3-10ths, which include all government dues, and what he can get from the farmers. If the assignment be on the estate of another, he can only demand 2-10ths. If the proprietor be the occupier of his own land, he makes what bargain he pleases with his cultivators; but the regulations for the protection of the husbandman have little or no practical influence. Almost the whole expense of government, but with the character and dispositions of the governors of the different provinces. The state of the governors of the different provinces. The state of the government, but with the character and suppositions of the governors of the sale in the land, the amount of which is perpetually varying, not only with the necessities of the government, but with the character and dispositions of t rowed in, the fields of each individual are laid under water as frequently as may be required, or as he has a right to; for the water of each stream is portioned out by time into shares, which are bought and sold as property. The water is derived either from natural rivulets or from under-ground canals, constructed with great skill, and carried to a great distance. These are the property of those who construct them; the natural streams belong to the sovereign, or to those who have purchased them, or on whom they may have been bestowed. All disputes about irrigation, like those on other subjects, are settled by the kethoda (magistrate) or elders of the village. The dry cultivation is conducted, as to tillage, in nearly

the same way as the other, but the grain is left to be nourished by rain only: so that, in this arid country, it must be confined to particular spots which experience or observation have pointed out as fit for it. Manure is very rarely applied to corn-land. Near cities, the melon, commber, and vegetable grounds are curiched with manure from the soil of the caravanseras, &c.; and in the neighbourhood of Ispahan pigeon dung is so highly valued in the culture of the fine melons, for which that district is calebrated that release, houses are while for the

nure from the soll of the caravanseras, &c.; and in the neighbourhood of Ispahan pieron dung is so highly valued in the culture of the fine melons, for which that district is celebrated, that pigeon-houses are built for the purpose of collecting this manure, which sells at an enormous price; but these are almost the only instances in which the land is artificially assisted. The use of time as a manure is unknown in this, as in other Asiatic constries; and failows appear to be the only means resorted to for the improvement of the land.

Sheep, particularly the large-tailed variety, are every where very abundant. Their fiesh is almost the only means revorted to for the improvement of the land.

Sheep, particularly the large-tailed variety, are every where very abundant. Their fiesh is almost the only mean wool in universally used for clothing, and sheep skins with the wool on, for jackets and cloaks. The property of the wandering tribes of Persia consists of sheep, with cattle, horses, camels, asses, &c., in large flocks and herds. Wool might become a very valuable article of export. In Kerman they have a breed of goats which yield a down, not much inferior to the Cashmere wool, which might be greatly increased all over the mountainous parts of the country.

Manufactured are chiefly confined to articles of home consumption. Till lately almost all the clothing of the poorer classes, both oction and woollen, was home-made; but for some years past most of the coarse churses and printed cottons in use have been supplied from England and Russia by way of India, Turkey, and the Caspian. Still a great deal of cotton cloth is made, noth pain and printed, some of which goes to Russia and Turkey. In silk, also, a good deal is done, the fabrics resembling our gros-de-haples, taffetsa, satins, velvets, brocades, and handkerchiefs, &c., produced t Cashmar, Yesd, Mushed, Astrabad, Ispahan, and many other places, are not only celebrated, but in request for home consumption. Besides these, shawls are manufactured at Kerman, Carpets and felts for sitting on are also made in various parts, the best of the former being produced at Herst, and in the central districts of Irak, and generally by the wandering tribes. The best are made in Khorasan; but they are chiefly for use in the country, few being exported. There are also manufactures of arms, swords, daggers, guas, and of cuttlery, as acissors and knives. The former are chiefly made at Shiras and Mushed; the guns of Kernasanshah, and its vicinity, are highly prized, and the cuttlery of Ispahan and Shiras has obtained some celebrity in Persia; but the knives and scissors of Birmingham are so far superior in cheapness and quality, that there is no great demand for the native wares. China ware, and all superior pottery, is imported; but a little coarse glass is manufactured in the country. There is also a manufactory of leather and saddlery at Hamadan.

Hamadan.

Commerce. — In a country where there are no made roads, navigable rivers, or canals, and scarcely any seaports or shipping, and where there is but little security of property, it might be inferred that there can be no commerce. Yet, with all these disadvantages, Persia has a good deal of trade, and there is no inconsiderable degree of commercial spirit among its inhabs. The means of land-carriage, as over most of the E., is by caravans of camels, mules, and small horses, called Yaboos, for there is not a wheel carriage in the country. The two latter are particularly suited to the stony roads and high mountain passes which occur in almost every day's journey: and in this way is brought the whole merchandize from Bokhara, Caubul, much of that from India, and from all the nearer countries, to the various marts; the returns being transported in like manner. The only sea-ports are Bushire, Bunderabbas, or Gombroon, Cougoon, and some still smaller places on the Fersian Gulph; and Eusellee, Balfroash and Asterabad, upon the Caspian. Of these Bushire, on the Guiph, and Balfroosh and Eusellee on the Caspian, are the most considerable, the former being the mart of all - In a country where there are no made the most considerable, the former being the mart of all the trade with India, and the two latter of that with Russia; and from these the communication with the in-

Russia; and from these the communication with the in-terior is kept up by caravane, as already mentioned.

The principal trade of Persia is with India, Turkey, Russia, Bokhara, and Afighanistan, and of late direct with England. From the first the imports are chiefly indigo, chintres, muslins, and calicoes, gold and silver brocades, precious stones, china, and earthenware. Sugar and sugar-candy, cashmere shawis, iron, lead, copper. From Turkey, European goods from the Le-

vant, and specie. From Russia, iron, broadcloth, coarse and fine printed calicoes, gold lace and metal buttons. Trunks of all sizes; tea, coarse cutlery, leather, glassware, tea-turns, and copper in shretz, quicksilver, furs, paper, in great quantity; cochineal, &c. &c. From Bokhara black lambakins, raw hides, dried prunes, rubles, and other gems; shawls, china ware, camblet; Indian and Russian produce by that route. From England broad cloths, and narrow woollens of all sorts; cotton manufactures imitation shawls, levellery, arms cutlery.

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and Russian produce by that route. From England broad clothe, and narrow woollens of all sorts; cotton manufactures, imitation shawis, jewellery, arms, cutlery, watches, spectacles, earthen and glass-ware, iron, tin, copper, &c. &c. From Arabia coffee, pearls, horses, &c. The exports are chiefly, to England, silk, gall-nuts, a little wool, madder, yellow berries, occasionally a few pearls and precious stones, and specie to be converted into bills at Constantinople. To India, specie, dried fruits, tobacco, wine, drugs, dates, sulphur, torquoises, Kerman shawis, rose-water, swords, horses, grephounds, raw silk; copper (from Turkey), saffron, &c. To Turkey, grain, raw silk, tobacco and pipe-sticks, cotton, lamb and fox skina, carpets, silk manufactures, cotton do., salt, sheep; besides foreign articles in transit from India and Boshara. To Bagdad much the same as to Turkey; to the Uzbecks and Turkmans, Kerman shawis, and woollens; silk stuff, gold embroidery; copper ware from Cashan. Cotton goods, arms, Hamadan leather shoes, and clothes, torquoises; sugar, raw and refined, opium, and some Indian goods; to Arabia, wheet, dates, dried fruits, rose-water, cloaks.

To Russia, raw silk and cotton, rice, grain, timber,

raw and refined, oplum, and some indian groots; to Arabia, wheat, dates, dried fruits; rose-water, cloaks. To Russis, raw silk and cotton, rice, grain, timber, tobacco, raw hides, lamb-akins, fish, gall-nuts, naphtha, drugs, torquoises, Kerman shawis, silk and cotton goods, brocades, besides foreign produce, as Cashmere shawis, pearls, &c.

Where no official records are preserved, where every art is put in practice to disguise the true amount of imports and exports, and where, also, the existing state of things is always changing from external or internal causes, it is impossible to arrive at any just estimate of the value of commerce. In 1820 the export trade of Persia was estimated by Mr. Fraser at about 1,250,000/. a year. Since then the imports have undoubtedly increased, in spite of great distress in the country from three years of plague and famine; for, in 1835, from the best materials that can be collected on the subject, they appear to have nearly amounted to 3½ millions sterling, and the imports of Rusopean produce, the greater part of which finds its way to Persia, exceeded a million sterling; and there is every reason to expect a gradual increase from all quarters, though doubtless liable to occasional fluctuation.

Shipping.—Secrety any vessels belong to Persian wares.

casional fluctuation.

Shipping. — Scarcely any vessels belong to Persian owners. The trade between India and the Guiph is carried on in bottoms belonging to Indian, Arab, or Armenian merchants resident at the sea-ports; and that of the Caspian, in vessels from Astrakhan. The Russian government discouraging any vessel in that trade which is not owned by one of their own subjects, the Persian or Armenian magnetic the here expected. is not owned by one of their own subjects, the Persian or Armenian merchants who have embarked in it generally become subjects of Russia, which leads to their ultimate residence in Astrakhan. There are, however, some vessels, of from 50 to 150 tons, built at Eugellee.

vessels, of from 50 to 150 tons, built at Eusellee.

Moncy. — The coins chiefly current in Persia are bajogiese, or Persian ducats; sahebkerans, commonly called
koroonees, a silver coin, nine of which go to the bajogies; and copper coins, called pool-e-siah, or black
money. There are also several pieces of one or more
abbases or shahees, the abbases or shahee being the
fourth or fifth part of a koroonee; there are about four
pool-e-slahs in an abbasese. The old tomán of gold,
and real or rupee of silver, are now seldom seen, although
used at times in calculation; the tomán being equal to
10 koroonees, or 8 reals. Except the Russian or Austrian
ducat, which is in common use, there is little foreign
coin now current.

coin now current.

duest, which is in common use, there is little foreign coin now current.

Races — Population. — The ancient Persian stock has been much intermixed in the course of age's by the settlement of other races in the country, especially by the infux of Greeks during and after the conquest of Alexander the Great; and more recently by that of Arabs and Turks. Still, however, the distinguishing characteristics of the family appear to be pretty well preserved. The complexion is fair, but not transparent, and there is little or no colour in the cheek. Hair long, straight, and almost always jet-black; beard abundant, bushy, generally black, but now and then with a reddish tinge. Features regular and handsome, though generally minute, and, excepting the beard, rather effeminate. Stature little short of the European standard; body gracefully, but not very strongly formed, being, altogether, less robust than that of the European. Though early civilised, they have made no considerable progress in arts, science, or arms; and though remarkably clever, and not deficient in bravery, they have never been able to establish any thing like a free system of government, or to set any limits to the caprice and tyranny of their rulers. They have occasionally gained

some advantages over other Asiatic nations, but they have never been able to oppose any effectual resistance to Europeans. In antiquity, a small army of Greeks overthrew the Persian empire when in the zenith of its power; and, in more modern times, it has been overrun by the Arabs, and even the Affighans. At present it owes its existence to no intrasic vigour of its own, but received to the Corbergue and bequestes of its enemies.

by the Arabs, and even the Augmans. At present it was its existence to no intrinsic vigour of its own, but merely to the forbearance and jealousies of its enemies. The Persians have, in fact, contributed nothing to the improvement or civilisation of mankind; and excepting Zoroaster, have not produced a single benefactor of his zopecies known to history.

At present the pop. of Persia may be divided into two distinct classes, the fixed and the nomadic. The first comprise all who live in towns and villages, and have fixed halitations; the second consists of the various tribes, indigenous and of foreign extraction, who lead a pastoral and erratic life, having no regular habitations. But the whole body of the people may more conveniently be divided into four classes: first, those who are attached to the metropolitan and provincial courts, including the functionaries of government and military; second, inhab. of towns, comprising merchants, shopkeepers, artisans, with men of the religious orders, of business or of learning; third, those employed in agriculture; and, fourth, the tribes, including the *Eclicats, or Iligats* (dwellers in tents), or nomades.

The officers of court are more remarkable for skill in the content of the content

orders, of business or of learning; third, those employed in agriculture; and, fourth, the tribes, including the Relicats, or Illyats (dwellers in tents), or nomades.

The officers of court are more remarkable for skill in business, versatility, politeness, and courtesy, than for probity, honesty, or good principles. Forced, in self-defence, to dissemble and control their feelings, they do so successfully, and, looking to wealth as the best means of purchasing favour in the day of adversity, as well as of enjoyment in prosperity, they stick at no means by which it may be acquired. Accordingly, they become, in general, great intriguers; and are at once deceitful, sensual, venal, treacherous, and, when they dare, arrogant and overbearing. Ministers of state are generally selected from among the men of business or meezas, who, though less arrogant than the nobles, are equally corrupt and immoral: they do not assume so much state as military chiefs, and are distinguished by a roll of paper stuck in their girdle, instead of a sword or dagger. One remarkable class of court dependants are the royal gholaums, or body guards, the confidential and devoted guardians of the monarch's person; whence the name gholaums, or slave. They are usually either Georgian captives or sons of respectable families; and resemble somewhat the monargueriaires of the old French government. They are employed in lucrative and confidential services, and the situation is much sought after; but their tyranty and dissoluteness know no limits, and the arrival of a gholaum-e-shah in a district, creates a sensation not unlike the attack of a pestilence.

The towns-people, skekerces, as they are called, are a mingled race of all those which have ever conquered or had intercourse with Persia, grafted on the original took. They are a more industrious and less depraved class than the first; but being nurtured in falsshood and deceit, they are adepts in these vices, being at the same time, however, cheerful, polite, sociable, kind masters, and good servan

portion is always approximating more nearly to the ha-bits of fixed life; but the greater part by far are strictly nomadic, living in tents, which they shift from place to place, according as lack of pasture for their docks and nomadic, living in tents, which they shift from place to place, according as lack of pasture for their flocks and herds, or change of season, suggests. In these their wealth consists; and though many of them cultivate a little grain, they live by the sale of the surplus of their stock, and by their produce in milk, wool, and flesh. Their stock, and by their produce in milk, wool, and flesh. Their stock, and by their produce in milk, wool, and flesh. Their stock, and by their produce in milk, wool, and flesh. Their character and habits are every where much the same. Being poor, they are frugal and abstemnous; said unaccustomed to more civilised manners, they are rude and blunt, found of independence, and passionately fond of martial exercises, of the chase and war. Predatory both from inclination and education; but hospitable, comparatively monest when their faith is pledged, and brave. Their chiefs, seen among their own people and in their own country, appear to great advantage, as frank, liberal, and generous, though hasty and passionate; at court they are constrained to assume somewhat of the manners of the place, and do not shine so much as at home.

the place, and do not shine so much as at home.

The koords come under the denomination of the "tribes," though less erratic in their habits. They claim a high descent; some pretending to be the descendants of the genil of the air by terrestrial women,

scendants of the genii of the air by terrestrial women, and others the progeny of certain persons saved from the tyranny of Zohauk. But their antiquity is unquestionable, and, probably, they may be descendants of the Carduchii described by Xenophon.

The Toorkman tribes, inhabiting the desert on the N. of Khorssan, are likewise to be reckoned among the eellests of Persia. They are wholly addicted to robbery and pillage, their chief occupation being that of making plumdering parties, which destroy whole villages, carry off the inhabe. into slavery, and their cattle and property. But to enumerate, far more to describe, the various nomades of Persia would greatly surpass our limits; and we must refer our readers, on this interesting subject, to works where it is treated of at greater length.

costitul, senual, venal, treacherous, and, when they dare, arrogant and overbearing. Ministern of state are generally selected from among the men of business or messay and the corrupt and immoral: they do not assume so much state as military chiefs, and are distinguished by a roil of paper stuck in their girdle, instead of a sword or dagger. One remarkable class of court dependants are the royal gholauma, or body guards, the confidential and devoted guardians of the monarch's person, where the convent dependants are the royal gholauma, or body guards, the confidential and devoted guardians of the monarch's person where the convent of the monarch's person where the person of the convent of the monarch's person where the person of the convent of the monarch's person where the person the convent of the monarch's person where the person of the convent of the monarch's person where the person of the convent of the monarch's person where the person of the convent of the monarch's person where the person of the person of the convent of the monarch's person where the person of the person of the monarch of the person of the per

make them resort to any expedient, however mean and discreditable, for raising money.

These statements must, however, be understood as applying more particularly to the sedentary pop., and especially to the inhaba. of cities and towns. "The Eclicats have the virtues and vices of their condition; are sincere, hospitable, and brave; but rude, violent, and rapacious. They are not in need of alsehood and deceit, and, therefore, not much in the habit of practising them; but, if they have fewer vices than the citizens of Pertia, it is evidently the absence of tempatation, and the ignorance of luxury and refinement, which give them all the superiority they beast; for it is remarked that they never settle in towns, or enter them as visiters, without exceeding the inhabs. in every species of profligacy." (Malcohus.)

"The natives of Pertia do not recline on cushons, in the luxurious manner of the Turks; but sit in an erect posture on thick felt, called a masses. They have seleon, if ever, fires in their apartments, even in the coldest season, and, in order to be warm, fold themselves in a fur pelises on a barvesser, which is a handsome robe of crimson cloth, lined with shawis or velvet. Like other oriental nations, they rise with the sun; and having dressed and said their prayers, take a cup of coffee, or perhaps, some fruit. They then enter upon the business of the day, if they have any; and, if not, snoke and converse until about if o'clock, at which time they usually have their breakfast, and then retire into the harves. Here they remain until about 3 o'clock, when they return to the hall, see company, and finish their business, for with these people the most important affairs are discussed and transacted in public. Between 9 and 0, the dinner, or principal meal, is served up. This chiefly consists of pullers, and of mututon and fowl, dressed in various ways; of which, however, they eat the most invessantly from the moment they rise until it is time for them to retire to rest: it constitutes, indeed, the principal s

Persian Empire, 245.)
The Persian females, at least those of the sedentary part of the pop., are for the most part closely concealed.
The wives of the great pass their time in visiting their
friends, and amusing theoselves with diversions of one
kind and another, and with intrigues. The bath is, how. kind and another, and with intrigues. The bath is, how, ever, the principal scene of their enjoyment and relaxation, where, secure from interruption, they give full scope to merriment and scandal. They differ equally from us in their notions of beauty and of taste. Large, soft, and languishing black eyes constitute, in their opinion, the perfection of beauty. But they disfigure their natural charms by painting their faces, and sometimes also by tatooling their skins of various colours, while constant smoking spoils their teeth and mouths. Many of the women of Shiras and other cities are as fair as those of Europe; but they want, owing to their confinement, the bloom so essenkind and another, and with intrigues. Shiras and other cities are as fair as those of Europe; but they want, owing to their confinement, the bloom so essen-tial, in our estimation, to female loveliness. The Persian ladies would seem to be totally devoid of delicacy and refinement. "Their language," says Mr. Scott Waring, is often gross and disgusting, nor do they feel more healtation in expressing themselves before men than they would before their female associates. Their terms of abuse and reproach are indelicate to the utmost degree. I will not disgust the reader by noticing any of them; but I may safely avow, that it is not possible for language to express, or the imagination to conceive, more in-decent or grosser images. When they leave the house. decent or grosser images. When they leave the house, they put on a cloak which descends from their head to their feet, and their faces are carefully veiled, holes only they put on a cloak which descends from their nead to their feet, and their faces are carefully veiled, holes only being left for the eyes. It is curious to see a number of tail and elegantly formed figures walking in the streets, and presenting nothing to your view but a pair of spark-ling black eyes, which seem to enjoy the curiosity they excite. The veil appears to be essential to their virtue; for so long as they conceal their face, they care not how much they expose the rest of their person." Like the Mohammedans, the Persians are restricted to four legiti-mate wives, but they may have as many concubines as they please; the latter being acquired by purchase or

hire. Few, however, unless they belong to the richer classes, indulge in the luxury of a plurality of wives, or keep concubines. Marriages are usually calebrated with great splendour, and often estall a ruinous expense on

great spendour, and often entail a rumous expense on the parties.

Amount of Population.—There are no existing data on which to found any thing like an accurate estimate of the amount of the population. Pinkerton supposed it might amount to about 10 millions, which Sir John Malcolm thinks may be a pretty close approximation to the truth. Another writer (Fraser) has set down the fixed population at from two to three millions, thus approaching to Pinkerton's estimate. But besides the loss of territory which Persia has since suffered from her wars with Russia, a great depopulation has taken place within the last ten years, from plague, famine, and various prevailing maladies, and there is reason, besides, to believe that this estimate of the migratory pop. was much beyond the mark, so that it is probable the pop. of the countries subject to the shah does not exceed 8, and is certainly under 10 millions. We subjoin from the Weismar Aimsnac an estimate of the area and pop. of the different provinces; but it is needless to say that it is but little to be depended on.

Prov	inces.		Area in eq. m.	Pop.	
Irak-Alemi		•	•	93,576	2,460,000
Thaberistan			•	6.932 (130,000
Masanderan		•		7,547	850,000
Ghilan .				5,215	280,000
Adserbijen			•	80,337	2.000,000
Koordistan		•	- 1	12,931	450,000
Kusistan	•			29,456	900,000
Para .		•		196,160	1,700,000
Kerman	•		-	65,466	600,000
Kohistan				23,574	170,000
Khoraman	•	•	•	81,132	1,700,000
Total	•	•		4R2,130	11,230,000

Total - 482,300 | 11,230,000 |

The government of Persia, like that of most Eastern countries, is, in principle at least, an absolute despotism. The shah is regarded as the vicegerent of the prophet, and, as such, is entitled to implicit ohedience. His word is law; he is absolute master of the lives and properties of his subject; and the first man in the empire may, at his command, be instantly stripped of all his dignities, bastinadoed, or strangled! the only control on his actions being the risk of provoking rebellion or assassination. The two principal ministers are the grand visier, or Visier Azem, and the lord high-treasurer, or Ameen a Doulab. The former superintends every thing connected with foreign relations, and, in the absence of the sovereign, commands the armies; while the latter, who is subordinate to the other, superintends the internal sovereign, commands the armies; while the latter, who is subordinate to the other, superintends the internal arrangements, the collection of the revenue, &c. The whole executive government is in the hands of these two functionaries, whose authority, so long as they continue in power, is as absolute as that of their master; but their greatness, being built on the favour of a tyrant, is of the most unstable kind, and they are very often precipitated from their slippery elevation.

The duties of a monarch, who either regards his own safety or the well-being of his people, are numerous and weighty. One of the most important is the distribution of justice. The Mohammedan law, both civil and criminal, is founded on the precepts of the Koran and the oral commentaries and sayings of the prophet's immediate successors. This is called the Sherrah, or written law, and is the rule in all regular courts, where persons

minal, is founded on the precepts of the Koran and the oral commentaries and sayings of the prophet's immediate successors. This is called the Shervah, or written law, and is the rule in all regular courts, where persons of the ecclesiastical order, such as Mooshteheds, preside. But there is also the Urf, or customary law, administered by secular magistrates, having the king as their head. It is more arbitrary, and the judgments of the king and his lieutenants are more summary, than those of the other court, and enforced with greater vigour. But there is an appeal to the superior functionaries, and the power of life and death rests with his majesty, who seldom delegates it, except to princes of the blood royal, or to governors of remote provinces. Theft is always punished with extreme severity.

The system of civil government is simple. Each province, or important district of a province, including some large city, has a Beglerbeg, or governor, usually a prince of the blood or nobleman of rank, who appoints his lieutenants, or Hakima, over the districts and subdivisions; and each village has its Ketkhoda, or magistrate, generally one of the elders or more respectable inhabitants,

and each village has its Ketkhoda, or magistrate, generally one of the elders or more respectable inhabitants, who is the organ by which communication is kept up with government. There are also governors of cities and towns, Daroghas, or lieutenants of police, and Kehorenters, or chief magistrates of cities, in which each muhuleh, or parish, has its ketkhodah, or head, who are in general practically chosen by the people, and who

measures, or parish, has its actanooan, or nead, who are in general practically chosen by the people, and who look to the kelouniee as their head.

The Begierbegs, like the Turkish pachas, are, at the expiration of a certain period, cited to court, where, admitting their conduct to have been ever so irreproach-

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able, persons are not wanting to accuse them of injustice and mal-administration; and unless the demands and avarice of the court be completely gratified, their eyes are put out, and their property confiscated! Conscious, therefore, of the necessity of amassing a sufficient sum of money to answer the rapacity of the king and his ministers, and aware, at the same time, that, provided the money be forthcoming, no inquiry will be made respecting the manner in which it has been acquired, the same mode is applied by the Beglerbegs to the Hakims and other subordinate authorities; who, in turn, oppress the beads of villages and the cultivators, so that the land becomes the prey of a subordination of vultures, and venality and extortion pervade every class from the throne to the cottage. (Kinseir's Memoir, p. 31.)
But, after all, the principal evil under which the country labours consists in the perpetual insurrections and the sudden changes of sovereigns and dynasties. The insecurity, devastation, and proceriptions, to which

and the sudden changes of sovereigns and dynasties. The insecurity, devastation, and proscriptions, to which this state of things has led, have necessarily gone far to extinguish all industry, and many provinces that were formerly well peopled and well cultivated are now all but deserts. It has, also, prevented any idea of stability being associated with the existing state of things; and has made change, and the insecurity and falsehood inseparable from it, almost a necessary state of existence. Neither under existing circumstances does it seem reasonable to expect that any reform can be effected from within; and its subjugation by a European power would certainly be the most desirable event that could happen for the country.

would certainly be the most desirable event that could happen for the country.

The revenue of the Shah has been variously estimated, but does not probably amount to more than 1,500,000. or \$2,000,000\$. As aiready stated, it is principally derived from taxes on land and farms, capitation taxes, duties on imports and exports, tributes paid by the nomadic tribes, &c.

Religion.—The Persians are Mohammedans of the sect

taxes on land and larms, capitation caxes, desired on ports and exports, tributes paid by the nomadic tribes, &c. Religion.—The Persians are Mohammedans of the sect called Schiltes, on Sbeahs, or of those who look upon Ali, the son in-law of the prophet, as his legitimate successor. They repudiate the first three called schiles, and acknowledging their part of the right of their patron Ali, holding that of his sons Hassan and Hossein to the callphat as indefeasible, and acknowledging heir 12 immediate descendants as the 13 high priests, or imams, of their religion; the last of whom. Imaum Mehdee, they consider as still alive, though (ghaid) concealed for a time, so that no other can exercise the office. This doctrine is quite opposed to that of the Turks, who belong to the sect of Sunnites, and between whom and the Persians the most rancorous and irreconclable animosity exists as to religious doctrines.

The prisethood consists of many orders, of which the Moosthehed is now the chief. There are seldom above four or five of this dignity, and these are elected as much by the public voice as by that of their brother Mooshteheds, by whom they must be declared, for the Shah has no voice in their appointment. The Shelkh-uil-islam, or ruler of the faith, is next in rank, but he receives his appointment and a salary from the Shah, and there is one in all large towns. In every mosque of consequence, and a servery enoalderable shrine or place of pilgrimage, there

or ruler of the faith, is next in rank, but he receives his appointment and a salary from the Shah, and there is one in all large towns. In every mosque of consequence, and at every considerable shrine or place of pilgrimage, there are at least three regular ecclesiastical officers: the Mooturelle, who manages its temporal affairs; the Muzzin, or cregoe to prayers; and the Mollah, who conducts the ceremontal. If the establishment be rich, there are several Mollahs, from among whom are selected a perak susuals, who recites the prayers and goes through the motions and genuffections to guide the congregation. They also preach occasionally sermons from text of the Korán. Of all these, except the Sheikh-ul-islam, the income and means of life depends chiefly on the celebrity of the individual for wisdom, virtue, and religious sanctity; so that there are no means of estimating the income of individuals: but most mosques and shrines have large property in land and villages, the gift of the crown or of pious individuals, and out of this the priesthood attached respectively to each is maintained. Besides those above enumerated, there are in every city, and in every seminary of learning, a crowd of Moollahs who live by their wits, waiting for the chance of employment, but having little of the priest but the name. They practise astrology, write letters and contracts for those who cannot do it for themselves, and descend to all manner of meanness and vice for a lightless. for themselves, and descend to all manner of meann and vice for a livelihood.

and vice for a tree inough there are many enthusiasts and bigots amongst them, are not generally intolerant: they listen without anger to the professions or arguments of those who hold a different belief, and do not allow this those who hold a different belief, and do not allow this circumstance to cause any interruption of social inter-course. The only exception is in the case of the Guebres, or fire worshippers, who are probably rendered odlous to the modern rulers of Persia by connecting with their faith an attachment to its ancient laws and political system. This unfortunate race is now almost entirely extripated, only a small remnant being found in Yezd, and other cities of Kerman. Indifference, excepticism, and free-thinking, are, however, making a rapid progress.

This last, which may be identified with what is called Sooffeelam, extends every day. There is, if we may so speak, a religious and a sceptical Sooffeelam; the former is a sort of a mystical or fanatical aspiration after the mysteries of divine love, but without laying any or much stress on the rules and regulations of the Koran: the latter is of a bolder character, and approaches nearer to the European notions of free thinking; its votaries affect no particular respect for religion, but are a species of metaphysical Deists, regarding the Koran merely as an elegant work, embodying sound moral doctrines, but not otherwise eutitled to attention. Hence all who profess or are suspected of Sooffeelam are hated or persecuted by the Moollas. But Mohammedanism in Persia, as in other countries in which it is professed, appears decidedly on the decline, and Sooffeelam is likely to be one great instrument of its overthrow.

The ancient religion of the Persians, which is not yet entirely extirpated, was materially reformed and renovated by the famous legislator Zoroaster, or Zerdusht. The life, and even the epoch of the birth, of this great reformer, are involved in the utmost obscurity; but the preferable opinion seems to be that he flourished about the 6th century B.C. He inculcated the doctrine of an eternal, self-existing, supreme Being, from whom every thing else has its origin; and from whom are sprung two antagonist powers, Ormusd, the source of all good, and Ahriman, the source of all evil; of which, however, the former, though this point be extremely obscure, is destined, in the end, to obtain the ascendancy. The doctrines of original sin, the immortality of the soul, the happiness of the good and the misery of the bad in another life, are all laid down by Zoroaster. But the distinctive feature in the religion of the Persian age is the extreme veneration paid to fire, light, and heat, which he regarded as symbolical of the Divinity. Cest por lai que lower the kerve is feature as doit as fecondate; Cantenal, son ex heat, which he regarded as symbolical of the Divinity. Cest par fast que tout respire: la terre last dois a fc. condité; l'assimal, son existence; l'arbre, as deficialism. Non seulement it anime les êtres, il forme encore leurs rapports, et son action, par conséquent, n'est pas moissa macienne que le monde. (Pastoret, Zoroaster, Confucius, &c., p. 30.) Herodotus says, that the ancient Persians neither erected temples nor statues to their gods, but sacrificed to them on the tops of mountains, or other high places. (Herod., lib. i. cap. 131.) They had, also, the singular, and, as it appears to us, barbarous custom of exposing the bodies of the dead to be devoured by birds, (Herod., lib. i., cap. 140.); and Niebuhr distinctly states that this custom was observed in his time by the Parsees at Bombay. (Fogage es Arabie, il. 39.) The magi, or priests, established by the Persians, had great influence.

great influence. Education.— In former reigns, particularly in the time of the Suffaveans, when literature was more encouraged than now, considerable attention was paid to education. Medressas or colleges were built and endowed, in which moollahs and teachers of suitable abilities were placed to instruct the students. These buildings consisted of a quadrangle, the interior sides of which were pierced with small cell-like spartments, like those of a caravanseral, in each of which a student lived. But these institutions were rather for students of more advanced age: for younger pupils of the lower classes. of a carvenseral, in each of which a student lived. But these institutions were rather for students of more advanced age; for younger pupils of the lower classes there are schools kept by private persons, where reading and writing are taught, and some knowledge of the practice of religion is imparted, with perhaps, to some who are destined to become "men of the pen," a little superficial instruction in logic and grammar. The children of the higher orders are taught at home by seazlisss and lällaks, or tutors, who, after the elements of Arabic and Persian are acquired, instruct their pupils in the duties of their religion, and teach them to read the Koran, with such works as are calculated to impress them with a strong regard for Sunalte doctrines. Next come the works of Saadi and Hafis, with a superficial course of grammar, logic, and philosophy. All this time athletic exercises, riding, hunting, and the use of arms, are not neglected; and from the earliest age every boy is carefully schooled in all that regards the coremonial of social intercourse. He is taught how to sit down and rise up, and to stand in the presence of his elders or superiors; and so much stress is laid on these matters, that it is most uncommon to observe the least deviation from due citquette even in children of 5 or 6 years of age. But the whole system is artificial, more showy than solid, and tends in no small degree to nurse up the rising generations in that disposition to deception and hypocrisy which marks so strongly the national character.

Milliary Force and Resources. "Frugal in his diet, robust in his constitution, capable of enduring astonishing fatigue, and inured, from his infancy, to the extremes of heat and cold, to hunger and thirst, nature seems to

The Zend-Aveole, the most important work on the relig the Parsens, was translated and published in 3 vois, ito, by Ai du Perron in 1771; but it is believed by some of the ablest that the most ancient portion of this work is long posterior so to of Zeroestey.

have formed the Persian for a soldier. But as, according to the ancient customs of this people, it is deemed degrading to a person, who has money sufficient to purchase a horse, to travel on foot, the infantry of Persia has been, from the earliest ages, contemptible; whilst her numerous bodies of irregular cavary have more than once carried terror and defeat amidst the disciplined legions of Rome." (Kinneir's Memoir.) Her forces, however, both cavalry and bot, have varied in amount and efficiency with the varying sillities and martial skill and daring of the different monarchs. Until lately that attempts have been made to form regular corps, disciplined after the European fashlon, the army has mostly consisted of levies of irregular cavalry, furnished by the chiefs of the different wandering tribes, according to their presumed numbers and strength, and also by the different cities and towns, on a plan corresponding in many respects with the fendal levies of the middle ages in European countries. The troops thus collected, though brave, are with the fendal levies of the middle ages in European countries. The troops thus collected, though brave, are totally descient in organisation and discipline, and could make no serious impression on a body of European troops. Inamuch, too, as the arms and horse on which the horsemen are mounted do not belong to the state, but to the individuals, and frequently constitute their whole property, they are very apt to prefer their safety to other considerations; a circumstance which, on more than one occasion, has proved fatal to the reputation of the Persian army. The whole force that might thus be collected on an emergency might, perhaps, amount to 100,000 or 150,000 men. In the late reign, the first attempt was made to introduce European discipline and tactics among the Persian soldiers. The Prince Royal, Abbas Mirza, obtained leave from his father and officers from the E. 1. Company to raise and discipline as body of troops in Azerbijan, with a view of opposing the Russians, and strengthening his internal government; and he did form a corps amounting, with cavelry and artillery, to about 12,000 men. Of these the horse artillery were particularly good and efficient; but after the peace of Goolfsian with Russia, the nen composing this corps were mysely permitted to return to their homes, mustering only occasionally; the officers remaining useless appendages of state at the court of the prince. On the commencement of the war with Turkey in 1822, as British officers could not serve against a power on friendly terms with Great Britain, they were dismissed; but the army of 35,000 men, regular and irregular, with which the prince were only one or two British officers retained to drill and to command the serblas, or regular troops, which were were only one or two British officers retained to drill and to command the serblas, or regular troops, which were were only one or two British officers retained to drill and to command the serbás, or regular troops, which were still maintained in Aserbijan. When the Prince Royal, however, proposed to subdue the rebellious chiefs of Khorasan, and to reduce some of the other more remote provinces to order, he felt the want of more efficient said to reorganise his military force, and applied to the British government of india for a supply of commissioned and nou-commissioned officers, who only reached Persia after his death, in 1833. His son, Mahomed Mirza, the present Shah, has pursued his father's plans, but with less ability and consistency, for though desirous to increase and improve his army, he has never employed these officers in the way to render their services most useful.

sirous to increase and improve his army, he has never employed these officers in the way to render their services most useful.

In the late disastrous campaigns in Khorasan, and particularly against Herât, the army suffered much from sickness, casualties, and desertion; so that no calculation can be made of its actual state. In 1837, however, when the Shah made every possible effort to bring a large force against Herât, the besleging army did not certainly exceed 35,000 men of every description. The failing off in the amount of the army from the Russian war of 1827-28, is very striking; for the Prince Royal had then twell-suppointed army of 40,000 men, with all its complement of baggage, cattle, and attendants on the frontiers; while the Shah was at Choose with another army of 80,000. t may be doubted, however, whether the attempts to attroduce European tactics and discipline into such a country, and under such a government as that of Persia, an ever succeed; and whether it would not have been etter policy to trust now, as of old, mainly to levies of ivalry, and endeavouring to improve and amend the fects in their constitution and discipline. What may called the household troops of Persia, consist of kind of militia of about 10,000, quartered in the capital of its vicinity, and liable to be called out at a moment's warning. The glodesms, royal slaves, or body ard, have been already noticed.

Arts, Lasnguage, Sciences, and Literature.—Of Persian officiency in these, previously to the Mohammedan conest, little or nothing is known, all that may have existed ring, about 0,000, quartered in the capital from accounts of contemporary authors of other intries, that some of the arts, at least, were then successfully cultivated. In the days of the Suffavean, paint-appears to have received some attention, and archiver.

tecture still more; but though attempts at depicting the human form, as well as animals and landscapes, are nu-merous among the Persians of this day, they are but rude and unsuccessful, the total absence of all drawing and and unsuccessful, the total absence of all drawing and perspective rendering their performances ludicrous, if not disgusting. In fact, being quite without models for either painting or sculpture to copy from, excellence is scarcely to be looked for, especially in a country where the tyrannical spirit of the government and nobility would render such attainments dangerous rather than profitable to the owner. Their most successful performances are the inkstands and small boxes, made chiefly at Shiras and Ispahan, which are ornamented with figures of boys and girls, birds and flowers, finished with sur-prising minuteness and accuracy. The stone and seal cutters of the same cities are also famous for their workmanship.

When the Arabs overran Persia, about the middle of when the Arass overran revisi, about the initials of the 7th century, three languages were spoken in the country, the Parsee, Pchivi, and Deri, exclusive of the Zend, or language dedicated to religion. The first of these languages has superseded the rest, which are now

Zend, or language dedicated to religion. The first of these languages has superseded the rest, which are now only known by name, and become the universal language of the country. It is of simple structure; and, like the English or French, has few or no inflections, prepositions governing its cases, and auxiliary verbs its tenses and modes. Many of its roots can be readily traced to the Sanscrit; and. In the course of time, it has received a large accession of Arabic words. All the existing literature of the Persians dates from the Arabic conquest, and mostly, indeed, belongs to the 16th and 16th centuries.

In science the Persians are scarcely more advanced than in art. Astronomy, judicial astrology, metaphysics, logic, mathematics, and physic, are among those professedly cultivated. But their efforts in the first are contemptible; their theories, founded on the Ptolemeaic system mixed up with fantastic notions of their own, are utterly useless, unless to aid their dreams of astrology. Their firm belief in this science is universal, and no Persian will undertake the most trivial affair without consulting some professor of its mysteries for a lucky hour. Their metaphysics and logic are scarcely less puerile. The first consists of little more than a collection of disputations, sophisms turning on wild and unprofitable paradoxes; the second is an ingenious method of playing upon words, the object being not so much to arrive at truth, as to display quickness of mind and readiness of reply, in the discussion of plausible hypotheses. Geography is no better understood. Their knowledge of countries, and their relative positions, is extremely confused; nor can they describe, with any exactness, went hose places or regions with which they are most familiar.

Mathematics, though not much more beneficially applied, are taught upon better principles, for the Persians are acquainted with the works of Euclid. Chemistry is are acquainted with the works of Euclid. Chemistry is unknown; but alchymy is a favourite study, and the search after the philosopher's at the continues to be eagerly prosecuted. In medicine, though they profess themselves pupils of Galen and Hippocrates (Interoo and Bocrat), they practise only the most wretched empyricism, united with the exhibition of a few simples, the qualities of which experience has taught them. Diseases are classed into hot and cold, moist and dry, upon no apparent principle, and each disease is combated by a remedy supposed, as arguely, to be of an opposite quality. They are quite ignorant of anatomy, and even of the circulation of the blood, so that their knowledge of surgery is no greate than that of medicine. Yet, though they admire the skill of Europeans, and eagerly possess themselves of their remedies, they adhere obstinately to their own practice; and all the persuasion of the British mission, and its medical men, were for ten years exerted in vain and its medical men, were for ten years exerted in vain

their remedies, they adhere obstinately to their own practice; and all the persuasion of the British mission, and its medical men, were for ten years exerted in vaiu to introduce vaccination, although the ravages of the smallpox were frequently dreadful. The profits of science are confined to those who are regarded as proficients in divinity, astrology, and physic. The two former, when combined, thrive best.

The Persians make high, and, in a few respects, not ill-founded, pretensions to literature Their treatises on the sciences now mentioned are in a great measure borrowed from the Arabians; and little improvement has been made of late in these branches. Their historical works are of a higher cast, and include some of considerable merit; but these belong chiefly to the earlier and brighter times of the empire. Among the more modern may be noticed a History of Nadir Shah, a flowery but authentic record of the life of that extraordinary monarch. But it is in poetry the Persians claim peculiar excellence; and they, no doubt, can produce the names of more eminent authors in this department than any nation of the East. From the highest to the lowest, they possess an exquisite relish for poetical compositions: from the men of letters to the lowest groom they recite passages from their heroic poets, or chant odes of Hafiz; and if you find fault with a tent pitcher, he probably replies with a stanzs from Rudiki, or a moral

apothegm from Saadi. It is singular, however, that the moral leasons inculcated by their poets and learned, and, as it should seem, admired by the people, should be wholly inoperative in practice; the Persians being certainly as corrupt, seasual, and immoral, as any people of

Their poetry may be divided into epic and narrative, oral and lyric. Of the first class Ferdousi is the father, moral and lyric. Of the first class Ferdousi is the father, though Dukeekee did compose about 1000 verses of the Shahnameh, in which the former is also said to have been assisted by Asidi. Next to Ferdousi ranks Nizāmi, who composed a poetic life of Alexander the Great; but this, like the Yusseeff and Zuleika of Jāmi, another on the same subject by Ferdousi; the Leila and Mignoon of Hatifle; Khoosroo, Shireeu, and others, recited with rapture all over Persia, are, in fact, poetic romances, called Musnavees.

Of the didneric poets the chief.

rapture all over Persia, are, in fact, poetic romances, called Musnavees.

Of the didactic poets the chief, without question, is saadi, whose Goolistan and Bostam abound in beautiful maxims and fine moral precepts. Sheikh Saadi, was born at Sheraz (A. D. 1194), and in his youth was a great traveller. While in Syria he was taken by the Crusaders, and actually compelled to labour as a slave at the fortifications of Tripoil. From this condition he was relieved by a merchant of Aleppo, who not only paid ten crowns for his ransom, but gave him his daughter with 100 for her dowry. The lady, however, proved a shrew, and Saadi, in several parts of his works, gives vent to the chagrin caused by this marriage. Among other taunts she is said to have reproached him with having been bought from the Christians by her father for ten crowns: "Yes," replied the unhappy moralist with a sigh, "and he sold me to you for an hundred." He died in his native city at the extreme age of 120 lunar, or 116 solar years; and his tomb is still to be seen near the place of his birth, —a small mosque-like edifice, within an enclosure, in which are some fine old fit trees and some cypresses.

entice, within an encounter, in which are some ane out fir trees and some cypresses.

In the mystic and lyrical strain there is none who can come into competition with Hafis, to whom also Shiras had the honour of giving birth. He flourished in the time of Tamerlane or Timour Bec, who, when he came after the defeat of Shah Manora to the place where the poet dwelt, desired to see and converse with him. With the poet dwelt desired to see and converse with him. With feigned or real displeasure, the conqueror demanded to know how he dared to dispose of his two noble cities of Samarcand and Bokhara, which in a beautiful stanza, he declared he would give for a mole on the cheek of his mistress: "Can the gifts of Hafiz ever impoverish Timour?" was the reply, which changed the monarch's wrath into admiration, and elicited reward instead of punishment. The poetry of Hafiz is considered by Persian scholars as of a singularly original character—simple and unaffected, yet possessing a wild and peculiar sublimity. Like most lyrical effusions, his odes will not brook translation, so that his beauties can never be comprehended by the mere Knglish reader. In his own country, however, he lation, so that his beauties can never be comprehended by the mere English reader. In his own country, however, he is fully appreciated; and perhaps no poet of any country ever attained greater popularity among those for whom he wrote than the khanjeh of Shiraz. His mortal remains reat near the city whose praises he has celebrated, not far from the tomb of Saadi, and near his favourite stream of Röknabad. The tomb is in a small enclosure, whither the people of the place resort to sit under the shade of the old cypresses, recite the odes of their favourite bard, and draw omens from the pages of his works.

their favourite bard, and draw omens from the pages of his works.

Next to Hafiz, in celebrity, has been placed Abdul Rahman Janle, a famous doctor of laws, and no less famous sooffee, whose Dixth, or collection of odes, is in high estimation with the enthusiasts of his sect. His wit is said to have been equal to his poetle genius.

To these already mentioned, might be added many mames scarcely less celebrated, whose works it would require too much space to particularise or describe. But it is not to be imagined that their perusal would give any pleasure to European readers. They contain, it is frequently euphonious and expressive; but they have the vice of most Eastern works, that is, of being disjured by the wildest extravagance and bombast, and by an endless repetition of metaphors and similes.

History.— Modern Persia comprises the countries known in antiquity by the names of Mcdia, Susiana, Caramasia, Hisramia, and Persia Proper. Its ancient history is intimately connected with that of Greece and Rome. In more modern times it has been the theatre of endless civil wars, revolutions, and changes devoid of all interest to foreigners. Towards the end of the leth century, however, order was restored, and Persia rose to distinction under the government of Shah Abbas, surnamed the Great, who defeated the Turks in several stilled the state of the control of Georgia, and Ormus from the Portuguese. Abbas was succeeded by a series of imbecile tyrants; and, in 1727, the country was overrun by the Afighans.

**Beastifully, though freely, translated by Sir William Jeons.

satifully, though freely, translated by Sir William Jones.

PERTH.

At length the famous Thamas Kouli Khan, a brigand chief, was raised to the throne by the title of Nadir Shah, and distinguished himself alike by his victories and his ferceity. Nadir being assassinated, in 1743, his death was followed by a long-continued civil war. After a vast deal of blood had been split, the cunuch Rehemet Khan, succeeded, by his superior ability and good fortune, in establishing his authority over most of the provinces now comprised in Persia; and transmitted his authority to his nephew Futteh Ali Shah.

This prince waged an unsuccessful war with Russia, who stript him of a large territory in Armenia, and bolliged him to pay 2,500,000. as an indemnity for the expenses she had been put to in the contest! Futteh Ali kept an enormous harem; and it was his practice to disperse his sons over the empire, as governors of provinces, towns, &c., of which, speaking generally, they were the scourges. On the death of Futteh, in 1835, is grandsand, the present sovereign, son of the prince royal, Abbas Mirza, succeeded to the throne in terms of his grandfather's will. A few of his uncles, who were reckoned most dangerous, were deprived of sight; but on the whole the succession was unusually transqui and bloodless. This sovereign is understood to be favourable to the interests of Russia, or rather, perhaps.

of his grandfather's will. A few of his uncles, who were reckoned most dangerous, were deprived of sight; but on the whole the succession was unusually tranquil and bloodless. This sovereign is understood to be favourable to the interests of Russia, or rather, perhaps, he thinks it most prudent to keep on good terms with those who have the greatest means of injuring him. His unsuccessful expedition against Herat is said to have been undertaken at the instigation of Russia.

PERSIAN GULPH, an extensive arm of the Indian Ocean, separating Persia from Arabia, between the Mth and 30th degs. N. lat., and the 47th and 57th E. long, uniting with the Indian Ocean by the strait, about 37m across, between Cape Musseldom (lat. 250 19° N., long. 550 20° E.), and the opposite coast. This gulph has some what of an oval shape, extending about 550 m. N. W. and S. E. with an average breadth of about 160 m.; but towards its S.E. end it is upwards of 220 m. in width, though it soon afterwards, on taking its northern bend, previously to its junction with the ocean, becomes much narrower. It receives at its N.W. end the united waters of the Euphratese and Tigria, about 70 m. below Bussorah; but it has few or no other affluents of any importance. These streams, however, assisted in some measure also by the shape of the gulph itself, tend to diminish the height of the tides, which is considerably less than in the Red Sea. (Trail's Phys. Geog., p. 116.) The climate round the abores of this gulph is extremely hot; and notwithstanding the prevalence of N.W. winds, the thermometer in some parts stands at a higher elevation than in almost any other locality with which we are acquainted. Owing to the number of small islands, and the number and extent of lits reefs, the navigation of this sea, especially along the coast of Arabia, is hazardous, difficult and tedious: it is essencembered along the Persian coast. The trade carried on in the ports, on or connected with the gulph, is very considerable. Bussorah is the principal inlet through wh details as to these fisheries, see the article Banauri Is-LANDS; and see also BUSSORAR and BUSHURS, in this Dict.) This sea was surveyed between 1821 and 1832; but, although much information has come to us through charts and memofrs in the Geog. Josswal (vols. v. and viii.), we are far from possessing any salisfactory inform-ation respecting its islands, which are, in all probability, more numerous and important than has hitherto been supposed. The ancient importance of the Persian Guiph is principally owing to its connection with the conquests of Alexander, and its commercial intercourse with india. Were the scheme for the strem payestion of the Re. is principally owing to its connection with the conquests of Alexander, and its commercial intercourse with India. Were the scheme for the steam navigation of the Buhrates to succeed, this sea might again become, as it was during a certain period of antiquity, a thoroughfare for the commerce between the E. and W. worlds; but the advantages in this respect enjoyed by the route by the Red Sea and through Egypt, are so very superior, that we have no doubt it will continue to engross by far the larger portion of the trade not carried on by the Cape of Good Hope. The islands and shores of the Red Sea have been at all times a favourite resort of pirates. At present, however, they are, in consequence of the exertions of the British government, nearly extirpated.

PERTH, one of the largest and most important cos. of Scotland, nearly in the centre of that part of the U. Kingdom, but communicating by the Frith of Tay with the German Ocean, having N. the cos. of Inverses and Aberdeen, E. Forfar, S. Fife (from which it is meetly separated by the Frith of Tay), Kinross, Clackmannan, the Frith of Forth, and Stirling, and W. Dumbarton and Argyle. Exclusive of a small detached portion on

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PER

the Frith of Forth, it is of a compact circular form. Area 1,888,339 acres, of which 32,000 are water. This great co. comprises within itself almost all that is peculiar to or characteristic of Scotland; having every variety of surface and soil, from rugged, sterile mountains to low, level, fertile vales. Its lakes and rivers are also on a grand and varied scale; and its climate is as different as its surface, being severe in the more elevated, and midd and early in the lower districts. The contrast in the inhabs, is equally great; the Celt being found on the mountains and the Saxon on the plains, and each differing widely from the other in language, dress, and manners. Perth is naturally divided into highlands and townlands; all the country, including the Ochill and Sidlaw hills, from its S. frontier to the foot of the Grampians, being included in the lowiands, and the remainder in the highlands. The part of the Grampian chain in this co. comprises some of the highest mountains in Scotland, among which may be specified, Ben Lawers, 3,945; Ben Achougie, 3,078; and Ben Ledi, 2,863 ft. above the level of the sea. Besides the mountains and hilly districts, there are very extensive, though progressively diminishing, tracts of moor, moss, and bog. There is, also, large extent of natural wood and plantations. The latter were much extended by the operations of the late Duke of Atholl, who planted above 15,000 acres. But motwithstanding these deductions, the cultivated land it estimated at from 530,000 to 560,000 acres, or at about a third part of the entire surface. The most valuatal tract of low land is denominated the Carse of Gowrle, being the district bounded by the Tay on the S. and W., the Sidlaw hills on the N., and Forfarshire on the E its soil is mostly a deep rich clay loam; and, in point of fertility, it is not, perhaps, surpassed by any land in the kingdom. The lower part of Strathearn, from Forteviot to the confinence of the Earn and Tay, constat of a similar soil, and is hardly less fertile. Exclusi where Cultivates, largely contained, and recently objected in large quantities to the London market. Turnip culture extensively prosecuted. Considerable quantities of fruit, as apples, pears, &c., are produced in the vales, particularly in Gowrie. Breeds of cattle various, but none peculiar to the country; the stock differs with the varying quality of the land on which it is pastured. Number of sheep vastly increased within the last 40 years, and the Cheviot breed now generally diffused. "It begins to be generally understood that the land cannot stand a constant system of cropping without intervals of rest. The sheep husbandry is, therefore, daily gaining ground; and the breed of cattle has been improved both in size and earliness of maturity." (New Statistical Acc. of Scotland, Perthshire, p. 198.) Roads signally improved; as much so, certainly, as in any other Scotch co. Coal is found in the S. part of the co. contiguous to the Frith of Forth; and limestone and freestone are pretty generally diffused. Average rent of land, in 1843, fs. M. an acre. The linen and cotton manufacture has been introduced, particularly into the city of Perth; but neither has had much success; so that, on the whole, Perthshire may be regarded as an essentially agricultural district; and we are glad to say that the progress of agriculture during the present century has been most satisfactory. The following statements by the author of the account of the par. of Wester Foulis in the New Statistical account great approxements have been made in rural economy. Waste ground has been planted and brought into cultivation. The roads are in a superior condition, and new ones have been constructed. Farm steadings were then covered with thatch, and indifferent in building and accommodation; but they are now all slated, well built,

and adapted for every necessary purpose. Wheat, po-tatoes, turnips, and artificial grasses, are cultivated in a tatoes, turnips, and artificial grasses, are cultivated in a nuch greater breadth. More manure is laid on the soft, and it is ameliorated by fences, cleaning, and draining. Horses and harness, the different breeds of cattle and sheep, and all the implements of husbandry are much improved." Principal rivers, Tay, Forth, Earn, Teith, Lyon, Garry, Tummel, &c. Pisheries on the Tay about the most valuable in the kingdom. Perth is divided into 80 parishes, and returns 2 mens. to the H. of C., 1 for the co., and i for the city of Perth. Registered electors for the co., in 180-50, 4,327. Some parishes in the S.W. part of the eo. are joined, for election purposes, with the cost of Kiuross and Clackmannan; and the bor, of Culross unites with that of inverkeithing, Dunfermilios, &c. in returning 1 m. to the H. of C. Principal towns, in returning 1 m, to the H, of C. Principal towns, Principal towns, Principal towns, Inst., Crief, and Dumblane. In 1841, Perth had 38,933 linhab, houses, and 137,390 linhabs, of whom 94,978 were males, and 72,412 females. Valued rent, 339,8324, Societh. Anmoai value of real property, in 1818, 508,5324; do. in 1843, 613 1687.

PERTH.a.royal and parl, bor. and manufacturing town of Scotland, eo. Perth, of which it is the eap, on a plain on the right bank of the Tay, 33 m. N. by W. Edinburgh, lat. 56-23 40° N., 10ng, 30 30° 00° W. The town is surrounded, except on the line of the Tay, with gently rising, verdant, or richly wooded hills. Pop. in 1801, 14,878; in 1841, 20,167 withm the parl, boundaries. Present (1860) pop. supposed to be about 22,000. It is connected by a handsome bridge of 9 arches, 880 ft. in length (builtby Smeaton in 1771, at an expense of 26,5321.), with the village of B idgend, on the left bank of the Tay. The main street runs N. and S., nearly parallel to the river; and it and the other streets are for the most part straight, and connect with each other at reight angles. Many of the more modern streets and crescents are of free of the more modern streets and crescents are of free-stone, and altogether the town is remarkably neat, clean and well-built, and has a substantial, wealthy appearance. It is lighted with gas, and the side pasements are good. The inhab, are well supplied with water, raised by a steam-engine from the river into a reservoir, whence it is conducted in pipes through the streets. North and south of the town are the two large public greens, called the North and South Inches, inc. about 170 acres. The former, which is flanked on the W. by Athole Crescent and Rose Terrace, has the race-course; the latter is surrounded by stately trees and elegant villas.

latter is surrounced by stately trees and elegant vinas.

In addition to the gas and water-works, the public edifices are the co. buildings and gaol, of Grecian architecture, fronting the river, erected in 1819, at a cost of 32,000.; the church of St. John, a building of very ancient but unascertained date, aurmounted by a pyramidal spire of wood covered with lead, and divided into three places of membric secrements of the tree distinct secrements. of worship, appropriated to three distinct parishes; St. Paul's Church, built in 1807 at an expense of 7,000%; the Academy, also erected in 1807, at a cost of 6,000%; lunatic asylum; the theatre; barracks; Marshall's monument (built in commemoration of a late lord provost), containing the public library and the museum of the Perth An-tiquarian Society; the new city hall, 96 ft. by 68, and the tiquarian Society; the new city hall, 90 n. by on, and tiquarian Society; the new city hall, 90 n. by on, and tiquarian ball. Public baths were erected some years and to the working classes. tiquarian Society; the new city hall, 95 ft. by 58, and the old town hall. Public baths were erected some years ago, and have been well supported by the working classes. A little way S. from the town, an extensive military prison, capable of accommodating 7,000 captives, was constructed, in 1812, at an expense of 130,000.; but it has since been converted into the central and model prison for Scotland.

The town has 5 parochial, and 4 Free churches, in one of which the service is performed in Gaelic. There are 5 United Presbyterian chapels, comprising the United Secession the Original Seceders, and the Relief, now all merged in the same general body; with chapels belonging respectively to the Independents, Baptists, Methodists, Glassites, Scotch Episcopalians, and R. Catholics. Within the last 18 months, a large portion of a new cathedral, called St. Ninians, in the decorated style prevalent in the 14th century, has been erected. It will, when completed, be the principal ecclesiastical edifice of the Scotch Episcopal communion in Scotland.

The grammar-school of Perth was at an early period the most celebrated in Scotland, being attended by pupils. The town has 5 parochial, and 4 Free churches, in one

The grammar-school of Perth was at an early period the most celebrated in Scotland, being attended by pupils from every quarter of the kingdom. It was the first seminary in Scotland in which Hebrew was taught. (M'Crie's Life of Knoz, B. 11—16.) Its eminence may be said still to continue. The academy, which embraces the most ample course of instruction, scientific, literary, and commercial, was founded in 1760; its first rector, Dr. Robert Hamilton, afterwards of Aberdeen, is well known by his able work on "The National Debt." These 2 seminaries are endowed; and there are, besides, about 28 other schools, of which 6 are endowed; in addition to which a large seminary has recently been erected, partly by public subscription, and partly by a grant from government, for large seminary has recently been erected, party of puone subscription, and partly by a grant from government, for the education of 400 poor children. Perth has 6 public libraries, one of which contains 6,000 vols.; a liberary and antiquarian society; a reading-room; and 3 weekly news-papers. Printing and the publishing of literary works were at one time carried on here to a greater extent than in

any town of a similar size in Scotland, perhaps in the empire. This branch has now, however, materially declined.

Poor rates have been introduced into the town, the Poor rates have been introduced into the town, the assessment being, for the year ending 1st July, 1850. 5,7401. 16s. 3d., in addition to the church collections, which average about 7001. The number of paupers in 1850 exceeded 800. The incorporated trades, in addition to this, give an annual allowance of above 2,0001. to their poor members, whose number is generally about 200. A hospital for behoof of the poor was founded by James VI. This institution has a revenue of about 7501, distributed among 63 out-pensioners, the building being let. There are two dispensaries and an infirmary, in addition to the lungit asytum above noticed.

among 63 out-pensioners, the building being let. There are two dispensaries and an infirmary, in addition to the lunatic asylum above noticed.

About 69 years ago, Perth had an extensive trade in gloves; those made here having a preference throughout the kingdom. Latterly, however, Dundee has quite superseded Perth in this department. In consequence, the business of tanning, which principally depended on the glove Trade, has greatly declined. The manufactures consist at present principally of coloured cottons, especially for umbrellas. A great quantity of handkerchiefs, checked and atriped ginghams, limitation India shawis, scarfs, trimmings, &c., are also woven. The aggregate number of weavers is about 1,500, some of whom are employed by Glasgow and Paisley houses. There were some years ago 4 flax-spinning mills; but of these 2 are now being converted into power-loom factories, and one into granaries. A large bleach-field at Tulloch, 2 m. W. of the city, employs 260 individuals. There are in the town several breweries, corn-mills, and 2 considerable iron founderles. The working classes are, speaking generally, well employed at fair wages; and for these two years past they have, owing to the low price of provisions, been comparatively prosperous. The salmon fisheries on the Tay, belonging to the city, bring a rent of 1,2002, per annum. The quantity of salmon, inc. grilses, shipped and sent by rail from Perth for London, amounts, at an average, to about 4,500 boxes, or 225 tons a year.

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The Tay is navigable, at high water, to Perth for vessels drawing 14 ft. water; but the navigation was formerly much obstructed, and a great deal was required to be done for its improvement. In this view an act was obtained in 1834 for deepening the bed of the river, and forming a new harbour and wet dock, and great part of the works have been executed with much advantage to the navigation. There belonged to the port on the 1st January, 1850, 85 vessels of the agg, burden of 8,104 tons, and about 800 coasting, vessels annually enter the port. The exports consist chiefly of manufactured goods, corn, salmon, and potatoes, large quantities of the latter being shipped for London. The town supports 2 native banks and 4 branch banks; it has also a savings' bank, established in 1838, which, on the 30th January, 1849, had 107,3544. deposits, 2 weekly markets and 5 annual fairs. Gross customs revenue, 1849, 17,0414. Perth is a principal centre of railway travelling, being directly connected with Dundee, Cupar Angus, and Aberdeen: with Striling and Glasgow; and with Burntisland and Ediburgh. Perth is very ancient; and some authorities refer its origin to the Romans. It was a bor, at least as early as 106. Its church being consecrated to John the Baptist, it was long called St. Johnstoun. Prior to the reign of James II., Perth was the capital of Scotland; and from its central situation it is, perhaps, to be regretted that it did not continue to enjoy that distinction. The kings were crowned at Scone, about 2 m. N. of the city, and had a residence in the town. The famous stone, reckoned the palladium of Scotland, on which the Scottish kings were crowned, was transferred from Dunstaffinge, in the chemical contraction of the county buildings, which occupy its

At Ruthven Castle, now called Huntingtower, 2m. W. Perth, took place, in 1582, the singular occurrence in the history of James VI., called the Raid of Rushwen. Before the passing of the Reform Act, Perth was united with four other bors. in sending 1 mem. to the H. of C.; but that Act conferred on it the important privilege of returning a representative for itself. Registered voters in 1849-30, 1,039. Perth is an opulent 5,273J.

Perth, though it never was the confermal call.

bor.: the corporation revenue for 1848-49 amounted to 5,2734.

Perth, though it never was the see of a bishop, is called a city; and, in the rolls of the Scottlish parliament, it held rank next to Rdinburgh. Its chief magistrate has the title of Lord Provost. It has, also, a Dean of Guild, ranking next to the Lord Provost, as a councillor, but not as a magistrate; 4 baillies, a treasurer, and 19 other ordinary members of council.

The situation of Perth is one of the finest in Scotland. Close to the city, on the E., is the hill of Kinnoul; the summit of which, of easy access, commands one of the noblest prospects that is anywhere to be met with. Towards the S. and E. is the valley of the Tay, and the confluence of the Tay and Earn; to the W. is a finely variegated country, and to the N. the prospect is bounded by the stony girdle of the Grampians. The country round Perth is amongst the most fertile in Scotland.

PERU. a celebrated country of S. America, formerly one of the most valuable possessions of the Spanish crown. It then included the modern republic of S. or Upper Peru); but at present the term is restricted to the republic of N. or Lower Peru, lying chiefly between lat. 3° and 21° S., and long. 65° and 81° W.; having N. the Columbian republic of Ecuador, E. Brazii, S. E. and S. Bolivia, and W. the Pacific. Extreme length, S.S. E. to N.N.W. about 1,500 m.; breadth varying from 40 to 600 m. The area is estimated at about 500,000 sq. m. It is divided into 10 provs.; and is supposed to have from 1,500,000 to 1,700,000 inhabs.

Physical Geography, §c.—The country is naturally divided into 10 rejons; that between the coast and the

1,500,000 to 1,700,000 inhabs.

Physical Geography, &c.—The country is naturally divided into 3 regions; that between the coast and the Andes; that occupied by the latter; and the region E. of Andes; that occupied by the latter; and the region E. of the Andes, forming a part of the basin of the Amazon. All these divisions differ widely in their physical character. The coast region from Tumbes, on the N. frontier to the river Leche, is mostly a desert; and wherever, in fact, the coast region is not traversed by streams, or is unsusceptible of irrigation, it consists principally of arid sandy wastes, and is in the last degree barren. The Andes and their ramifications have been roughly estimated to cover, in Peru, an extent of 200,000 sq. m. They consist here, as in Bolivia, of two main chains, or Cordilleras, connected in various parts by cross ranges, and inclosing several extensive and loty valleys. Round Cuzco is a vast knot of mountains, occupying about three inclosing several extensive and lofty vallers. Round Cuzco is a vast knot of mountains, occupying about three times the extent of Switzeriand; and round Pasco, in lat. 18° S., is another knot surrounding the plain of Borabon, 13,500 ft. above the sea level, and in which are the rich silver mines of Cerro Pasco. The Peruvian Andes are not in general so elevated as the Bolivian; though many of their peaks rise far above the limits of perpetual snow. The loftiest summits are towards the S., where the Nevado de Chuquibambn (about lat. 15°) reaches to 21,000 ft. in height; and several other mountains surrounding the valley of Desaguadero, which belongs partly to Peru (see Bolivia, 1.401.) may at least approach this elevation. this elevation.

In Bolivia the E., but in Peru the W., Cordillera is the

this elevation.

In Bolivia the E., but in Peru the W., Cordillera is the highest. At the mountain-knot of Pasco, the Andes separate into 3 collateral chains, which, proceeding N., separate the basins of the Maranon, Hualiaga, and Ucayale. The last range of the Andes to the E., in Peru, extends between the 6th and 15th parallels of lat., at a distance varying between 200 and 600 m. from the Pacific, and separates the basin of the Ucayale from those of the Yavari, Bent, and other affluents of the Amazon. Probably no part of this range rises above 10,000 ft. in height. (See Annes, Vol. I.)

The space enclosed between the gigantic ridges of the B. and W. Cordillera, called the Sierra, is partly occupted by mountains and naked rocks, partly by table lands yielding short fine grass, and extensive hilly pasture ground, very like, in general outline, to the Highlands of Scotland, though destitute of heath, and partly by extensive and fertile valleys, that once supported a much larger amount of population. The third region, or country E. of the Cordilleras, is very little known: it is mostly covered by all but interminable forests; and a large purtion of it can scarcely be said to belong to Peru, since only a few R. Cath missions are bere and there scattered over its surface, the rest of the country being in the exclusive possession of the native Indians.

Peru gives birth to some of the largest rivers in the world. The Chronivans generally recarded as the areas.

possession of the native Indians.

Peru gives birth to some of the largest rivers in the
world. The Tunguragua, generally regarded as the proper
source of the Maranon or Amason, and its vast confuests
the Huallaga and Ucayle (the latter formed by the junction
of the Apurimac and Paro), have their sources on the E. side
of the W. Cordillera, between 10g and 16°S lat.; and pur-

PERU.

ms, though with many windings, a northerly course till they leave the country. These great rivers are mostly narigable; and, with the assistance of steam-navigation, asrigable; and, with the assistance of steam-navigation, will no doubt, at some future period, carry the riches of this remote region across the continent to the ports on the Atlantic. The great lake of Titicaca (which see) is mostly in Feru; but, excepting it, there is no other large lake: there are, however, some smaller lakes, one of which, the lake of Liauricocha, to the N. of the Cerro do Pacc, gives birth to the Tunguragua. (Grog. Journ., v. viii. Popping. Reize in Peru, &c., ii.; Meyens, Reize um die Erde, &c., passium.)

The coast is throughout rugged and lofty. In the N. prova, some miles of a loose sandy desert intervene in a kew piece between the high lands and the occan; but in general, the cliffs approach close to the shore, which

Reis um die Ereic, Ac., passim.)

The coast is throughout rugged and lofty. In the N. prox. some miles of a loose sandy desert intervene in a few piaces between the high lands and the ocnan; but in georal, the cliffs approach close to the shore, which has not, perhaps, in an extent of 1,600 m. a dozen scure harbours. The best are those of Callao, Payta, Seebura, Salina, Piaco, Islay, Iguiqua, and a few others. Truilli and Lambaequue have only open roadsteads. The water being almost uniformly deep, vessels are obliged to approach within j.m. of the shore, before they can anchor; and the prodigious swell which rolls in unbroken from the Pacific occasions a heavy and dangerous surf. The operation of landing is, except in a few places, at once difficult and hazardous; it is effected by means of balsas, or platforms raised on infasted sitins, and differing in shape in different parts of the coast. The balsa used by Captain Hall off Mollendo, was "made of 2 entire seal sikins inflated, placed side by side, and connected by cross pieces of wood, and strong lashings of thongs; over all a platform of cane mats forms a sort of deck, about 4 ft. in whith, and 6 or 8 ft. in length. At one end, the person who manages the balsa kneels down, and by means of a double-bladed paddle, which he holds by the middle, and strikes alternately on each side, moves it swiftly along; the passengers, or goods, being placed on the platform behind him. All the goods which go to the interior, at this part of the coast, are landed in this manner. The great bars of silver, and the begs of dollars, also, which are shipped in return for the merchandites landed pass through the surf, on these tender, though secure conveyances." (Half's 8. America, 1. 305, 206.)

Climate.—The year may be divided into 2 seasons; the wet and the dry. From June to October, the coast lands in all the S. and central provs. are covered during the night and morning with a dense fog, the only moisture supplied by mature to this, and at the leve of the see see proyes to

exaggerated notions of the value and importance of the Peruvian mines were long, and, perhaps, are still prevalent noted in the process of the precious metals. The famous mine of Potos in Bolivia, or Upper Pern, was discovered by accident in 548: it produced, for a lengthened series of years, vast tuantities of silver; but it is now comparatively neg-

lected, and is supposed to be nearly exhausted. The greater number, as well as the most productive of the mines that are at present wrought, are situated in the Cerro di Pasco, in the dep. of Junin. They were, like Potosi, accidentally discovered in 1830. The produce of the Peruvian, like that of the Mexican mines, has materially declined since the commencement of the revolutionary struggle. Humboldt, who had the best means of obtaining accurate information, estimated the annual value of the gold and silver produced in Peru at the commercement of the present (1841), owing to the anarchy and insecurity that has prevailed, their value is probably not much above half this amount. The silver smelted in Peru, from 1820 to 1834, is said to have amounted to 3,296,573 marcs, worth 5,604,17M.

The following is a statement of the quantities of silver reduced to bars at the different smelting-houses of Peru in 1834 (Board of Trade Tables for 1839:) —

Departments.	Marcs.	Departments.	Marcs.					
Lima	15,821 15,267 272,558	Ayacuche - Puno - Arequipa -	2,417 31,379 4,362					
Total - 341,804 marcs, worth 581,0684.								

It is estimated that over and above the quantities given above, 1-3d part more is actually raised in the different departments, except in Junin, where 1-5th part of excess is produced, and smuggled out of the country in the state of platas prills, or native sliver. In 1833, 900 marcs of gold, and 287,258 oz. of sliver were coined at the several minus of Peru. Perhaps, on the whole, allowing for smuggling, &c., the total produce of the gold and silver mines of Peru, including Bolivia, may now (1841), amount to from 700,000L to 750,000L a year. Huancavelica has one of the richest quicksilver mines in the world, one portion of which (St. Barbara), furnished 5,000 quintals a-year of quicksilver, for 2 centuries. It is said that the metal might be procured here at an expense of 65 dolls. the quintal; though, in 1837-83, quicksilver was so scarce in Peru, as to cost from 200 to 220 dolls. per quintal. These mines were then, of course, unwrought; but a private company has since been formed to work them, which has proceeded to a considerable extent with its operations. (Smith's Perus, ii. 24). The second of the products of the above.

Exclusive of the above Peru produces iron, copper, tin, coal, saltpetre, &c. The latter, indeed, under the name of nitrate of soda has, within the last few years, become an important article of export.

Vegetable products are numerous, and very dissimilar. Sugar, rice, tobacco, yams, sweet potatoes, and cocos, are raised in the warmest situations; the vine, wheat, Figetable products are numerous, and very disamiliar. Sugar, rice, tobacco, yams, sweet potatoes, and coroa, are raised in the warmest situations; the vine, wheat, and quinoa (chenpodrism quinos) are planted in colder places, and potatoes on the highest cultivated grounds. The grapes are well-flavoured, but the wine made from them is inferior. The sugar cane is mostly the creole species. Three sorts of maiss are cultivated, and this grain, which forms the principal farinaceous food of the modern inhabs., appears to have been also the principal formerly in use among the Indians, large quantities having been discovered in subterranean granaries, where it had probably remained from a period previously to the Spanish conquest. Cotton is grown in almost every part of Peru, and the Peruvian ranks immediately after the Sea Island and Egyptian cotton in the English markets. Except in the prov. Plura, it is all short stapled. The culture is rapidly increasing, and it may now be considered one of the staple products of the country. Lucerne is a good deal grown for provender: it reaches the height of three feet, and is cut five times a year. Culinary vegetables abound; beans, with potatoes, forming the principal food of the lower classes in the uplands. Olives succeed well in certain districts, and oll is extensively produced, but it is inferior to that of France or Italy. Plantain, bananas, guavas, and other tropical fruits, with oranges, lemons, nectarines, plums, and others common to ther valuable timber trees abound in the forests. The valuable and well known drug called Peruvian bark consist of the rind of the cinchosa lancifolia, &c., and is, consequently, of several varieties. The genus cinchosa is supposed to be confined to the Andean ranges between lat. 10° N. and 22° S., where it grows luxuriantly to the height of 10,000 ft. above the sea. The provs. of Loxa, Ectuador, and Huanuco, are those it which the bark is principally obtained; and during a lengthened period after its first introduction into Europe in 1640 PERU.

the article fetches depends on the rapidity with which it is dried, which is effected by exposing the bark with the least possible delay to a hot sun, which makes the pieces roll up and sometimes form a solid cylinder, without any cavity in the centre. It is afterwards carefully packed in bales of 4 or 5 arrobas each, and exported in cheats closely covered with skins. (Poeppig, Com. to Bot. Mag. i. 249) Coca, the dried leaf of the Erythrosylon coca, is largely used by the Feruvians for chewing, much in the same way as betel in the East. Poeppig says that indulgence in its use brings on a gloomy kind of mania; but other authorities deny that it has any such effect.

Agriculture, which was never in a prosperous state, has, like every other branch of industry, been greatly neglected since the revolution. Dr. Smith gives an account of the agriculture of a district between the Cordilleras, which he says may serve for that of the Sierra generally. "The agriculture of Huanuco, though alluring to the eye of the ordinary traveller, who only glances at its rich and waving fields of maize, inclosed within tapias or fences of mud, and hedges of the Indian fig and aloe or maguey plants, is in every way defective. taplas or fences of mud, and hodges of the Indian fig and aloe or maguey plants, is in every way defective. The fields owe their luxuriance to nature rather than man, except in the single advantage of water, which he often directs and supplies to them. Manure is a thing never thought of; and the implements of husbandry are of the rudest kind. The plough, slight and single handed, is constructed merely of wood, and without a mould-board. The ploughshare is a thick iron blade (or, where iron is not at hand, a plece of hard iron-wood), only tied, when required for use, by a plece of thong, or lasso, on the point of the plough, which divides the earth very superficially. Harrows they have, properly speaking, none; but sometimes use, instead, large clumsy rakes, or a green bough dragged over the sown ground, with a weight upon it to make it scratch the soil. Instead of the roller, they break down the earth intended for caneincially. Harrows they have, property speaking, none; but sometimes use, instead, large clumsy rakes, or a green bough dragged over the sown ground, with a weight upon it to make it scratch the soil. Instead of the roller, they break down the earth intended for caneplants, after it has got eight or ten ploughings and cross-ploughings, with the heel of a short-handed hoc. For smoothing down the clods of earth, some indians use a soft, flat, round stone, about the size of a small cheese, which has had a hole beaten through its centre by dint of blows with a harder and pointed stone. To the stone thus perforated they fix a long handle; and as they swing it about they do great execution in the work of cuspiando or fleid levelling. Lucern, or adalfa, is cut down, and used green, cattle and working oxen for the plough and sugar-mills being fed on it; yet the scythe is not in use among the great planters, who find it necessary to keep two or three individuals at the sickle to cut down food for herds, which, in the day time, are fed on irrigated pastures, but at night in corrals or pens. The linhabs, are accustomed to break up potatoe grounds on the face of steeps with deep narrow spades having long handles. In the same manner the soil is turned up by those who have neither plough nor oxen, but who yet sow malze on the temperate flats on the hill sides. People thus circumstanced make holes in the ground with a sharp pointed stick, where they bury the seed. The Indian sows the white grained maize in preference to the yellow, as he considers that when toasted it makes the best "camcha," or substitute for bread; and that when boiled it makes the best "mote," or simply boiled maize: it has moreover the credit of making the most savouty chica or beer, which they home-brew whenever they have a little surplus grain. They also make a kind of beer from the fermented juice of the maize stalks compressed between small rollers of wood turned by the hand. Dry maize leaves and stubble are most used in the foddering of cattle. The su

Country a votes the tropics.

Of the foreign quadrupeds acclimated in Peru, sheep appear to have succeeded best. They have increased in an amazing degree on the great commons or pastures of the Andes, at an elevation of 12,000 or 14,000 ft. above the sea. Few sheep are bred on the coast; but

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during certain months, large flocks are driven from the interior, and fattened for the Lima market. Many of the ewes are in lamb, and the common bargain between the drover and the farmer is to give the lambs for the pasturage, the farmer large in the given in lamb, and the common bargain between for every 100 ewes. Besides this increase, which is greater than in England, the ewes bear twice a year, generally in June and Dec. (Sievenson, ii. 2.) Little attention has been hitherto paid to breeding sheep, so as to improve the wool; but as the latter is now becoming an increasing article of export. The largest quantities of wool exported are from Islay, and are chiefly produced in the neighbourhood of Lampa, Pumo, and Cusco. It is soft and similar in appearance to English wool; but, being badly cleaned, it does not fetch more than 9d. or 10d. per lb.; that from the mountains between Lima and Pasco, being better cleaned, usually brings 1d. per lb. additional. The wool produced on the coast is of very inferior quality. Vicuna wool is exported, but only in small quantities. In the high region, cattle, horses, asses, &c., are of a stunted size; but in the valleys and on the coast they are large, spirited, and showy.

"The cattle of Peru are not so large as those of Linconshire; but at an average, they are as large as the English, French, and Spanish cattle: when fed on lucern, the meat is well favoured, fat, and julcy, and the bones very small." (Tôid. 1.) The black cattle of the Sierra do not agree with the climate of the coast, and when brought there speedily die. Ordinary horses and mules fetch from 45 to 50 dolls. each. Piura is noted for the excellent breed of the latter, and many mules are taken thence to Truxillo, Lima, &c., where they sometimes fetch 250 dolls. each. The same prov. is also famous for its goats. A good many pigs are reared in Peru; they are considered fit for market at from 10 to 16 months old, when they sell at from 6 to 9 dolls. each, If of a good breed.

The Population consists principal

have no authentic estimate. The accounts of the Indians given by recent travellers are in many respects conflicting and various; we believe, however, that the statements of Ulioa may, on the whole, be safely depended on. That excellent observer represents them as in the lowest stage of civilization, without any desire for the comforts and conveniences of civilised life, immersed in sloth and apathy, from which they can rarely be roused, except when they have an opportunity of indulging to excess in ardent spirits, of which they are excessively fond. (Vogage II., liv. vi. cap. 6.) With the exception of Mr. Stevenson, most recent travellers say that they are dirty in the extreme, seldom taking off their clothes even to sleep, and still more rarely using water. (Modern Traveller, Perrs, p. 286.) Their habitations are miserable hovels, destitute of every convenience or accommodation, and disgustingly fithy. Their dress is poor and mean, and their food coarse and scanty. Their religion is still tainted with the superstition of their forefathers; but they are great observers of the external rites and every tunited with the superstitution of their foreigners; but they are great observers of the external rites and cere-monies of the church, and spend large sums of money in masses and processions; a species of profusion to which they are excited and encouraged by their priests, who profit by it. We have previously made some state-ments illustrative of their attainments in the arts at the special of the Spoule in traction. (See Vol. 18.24.) The profit by it. We have previously made some statements illustrative of their attainments in the arts at the epoch of the Spanish invasion. (See Vol. I. 84.) The oppressions to which they have since been subject have probably sunk them to a lower point in the scale of civilization than they then occupied; and, no doubt, it would be possible, were proper care taken, materially to improve their habits and condition. A good deal, too, of their apathy and little progress in arts and industry, must be ascribed to the playsical circumstances under which they have been placed—the mildness of the climate and the fertility of the soil, which, on the one hand, by diminishing their wants, and, on the other, by enabling them to supply those which they do feel with comparatively little exertion, take away and greatly weaken some of the most powerful motives that prompt to labour and invention. Still, however, we are well convinced, notwithstanding the statements and reasonings to the contrary of M. d'Orbigny* and others, that the Indians are naturally an inferior race, and, indeed, wholly incapable of any degree of civilization.

The principal burden to which the indians were subject, under the Spanish government, was that of the muita, or compulsory labour in the mines. All male Indians from 18 to 50 years of age were compelled, during a certain specified period, to undergo this servitude. Its severity had, however, been materially abated previously to the revolution, and it was then entirely suppressed.

**Massafactures* are in a very backward state, though many of the natives evince considerable ingenuity. In Tarma they make ponchos, or loose cloaks, of great beauty and fineness, and on the colder table lands warmer beauty and fineness, and on the colder table lands warmer.

* See the learned work entirled L'Homme Americain, passion-

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coarser blankets, ponchos, &c. In the valleys, goat as are made into cordovans, cow-hides into saddle-a, and travelling cases for bed and bedding, and mats s, and traveling cases for oed and oduding, and mats earpeting from rushes. Cordage for packing is manu-nared from the maguey in Plura; and at Guamanga is set the fine filigree silver work, for which inland Peru is strated. But in general, the manufactures of Europe e, in the larger towns, superseded those of the na-ma, and are supplied to Peru in exchange for raw

duce. Paulion is by far the most important of all the icies exported from Peru. Its value may at present 50) amount to about 1,500,000f. a year. Among the ier articles are alpaca, vicunna, and sheep's wool, of ich we imported 2,666,419 lbs. in 1848: saltpetre, suits' bark, copper-ore, hides, cotton, chinchilla skins, ano, &c. The latter is found in large quantities on ne parts of the coast of Peru; but it is principally such from some small latents or most to Peru; but it is principally such from some small latents or most to Peru; but it is principally ne parts of the coast of Peru; but it is principally sught from some small islands opposite to Pisco, where is found in immense quantities. The stock is Chincha, e of the islands referred to, was recently estimated at out 17,000,000 tons; and that in the whole group at out 40,000,000 tons; Being within the rainless region Peru, the guano of these deposits is much superfor to at which has been found on the Chillan coast, and in the parts of Africa. at which has been found on the Chillan coast, and in me parts of Africa. In 1849 we imported the large antity of 78,567 tons Peruvian guano. The retire line of the exports from this country to Peru, in 1849, nomined to 878,2011. They consist principally of cotton, ollen, and linen manufactures, especially the first, th machinery and mill-work, hardware and cutlery, rthenware, &c. We subjoin

n Account of the different Articles (ex. Guano), exported from Peru in 1839, with their Values.

Articles.		Value of Exports in 1839.					
		Dollars.	& sterling.				
D		\$ d.	.6				
Bark	•	50,327 4	10,065 10				
Bullion and specie -	•	6,554,141 0	1,510,123				
hinchilis skins -	•	11,016 0	1.03 4				
opper ore, barilla -	-	91,049 0	18,217 16				
opper in bars -	•	11,637 0	_%9 27 8				
otten	•	371,500 2	74,360 l				
Hides, ox and cow -	•	6,459 0	1.571 16				
Horns, cow	-	320 0	64 0				
Seal skins	-	656 4	111 6				
Altpetre, nitrate of seda		299,152 0	59,130 8				
Sugar	•	52,130 0					
Tin		61.567 0 1	10,130 0 12,573 8 150 9				
Wool, Vicumma -		759 2	150 9				
Sheep's -		252,032 0	50,106 \$				
Alpecs	•	3 97,650 0	79, 30 0				
Total -		8,161,319 4	1,632,869 18				

In addition to the above articles of produce there were lso exported on British account, as returns for goods old in Peru, the produce of Equator, New Granada, and entral America, to the amount of 51,964/. The exports entral America, to the amount of 51,384. The exports of bark, copper ore from Bolivia, Chunchilla skins, salt-etre, &c., manifested a considerable increase in the bove over the previous year: the export of seal skins ad diminished. Hides cannot become an article of very onsiderable export, for though the greater part of the anned leather for shoes, &c., is imported from Equator, et from the want of building timber on the coast and able lands, hides are necessarily used as a substitute for rood. The export of all articles of native produce, ex-

ept the precious metals, is free of duty.

The remains of the Incas' road, extending through the entre of Peru from Quito to Cuzco, a distance of 1,500 entre of Peru from Quito to Cuzco, a distance of 1,800 a., may, according to Humboldt, be compared with the inest Roman roads; though, when it is recollected that he Peruvians were ignorant of the arch, and that their ridges were made of osier ropes, this statement will robably appear not a little extravagant. Various asses were also cut in the steep acclivities of the Andes y the Peruvians before the Spanish conquest. The oads laid down by the European masters of the country ear no comparison with the foregoing. They consist, ndeed, with a few exceptions in the vicinity of the large ities, only of foot tracks for horses or mules; and, in oint of fact, goods are exclusively conveyed on the backs of the latter. In the dep. Junin, however, Dr. Smith any that laudable efforts have been lately made for improving the roads; but no regular post-houses are yet ny where established, and at this moment the want of oads and of improved means of communication, is the reactest obstacle to the improvement of the country. So restest obstacle to the improvement of the country. So nuch is this the case, that Lima and some other towns long the coast find it more convenient to receive supplies of corn from Chili by sea than from the interior of their war country! We have elsewhere described the sort of ridges in use in the Andes (see art. Andes, Vol. I. 113,

The Government is popular and representative, the overeignty, in theory at least, emanating from the

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people. Peru has a senate or chamber of deputies, consisting of an uncertain number of members, which delegates the executive power to a president and the other high authorities of the state. The chamber of deputies consists of representatives elected by the electoral colleges consist of all the citizens resident in a par., for every 200 of whom an elector is nominated; and in every village with an amount of pop. entitling it to name an elector, a municipal body is established, subject to the approbation of the departmental justas. The electoral colleges of provs. are composed of parochial electors constituted according to law, who elect deps. to congress in the proportion of 1 for every 20,000 inhabs. The prov., however, in which the whole pop. does not come up to 10,000, may nevertheless send a deputy. The government of every dep. is eveted in a prefect, that of a prov. In a sub-prefect, that of a district in a governor, and that of every town or indian village in an alcalde, who is entrusted with the command of the local police. To fill the foregoing appointments, it is required that the candidate should be an active and approved citizen above 30 years of age. The prefects are charged with the economical administration of their respective deps., but are strictly prohibited from interfering with the course of popular elections, or the functions of departmental juntas. The laster are bodies sitting in the cap. of each thep, composed of 2 mems. from each prov., elected in the same manner as the mems. of the senate, and whose functions include the assessing of taxes, examining the accounts, and determining the military force, of the dep. Justice, in all the deps., is administered in the name of the republe; and in every town are justices of the ence. whose business is to endeavour to bring about an amicable termination without a formal law suit, few suits being, in fact, admitted without some preliminary attempt at settlement. In some proves, the functions of

amicable termination without a formal law suff, few softs being, in fact, admitted without some preliminary actempt at settlement. In some prova, the functions of the judge are exercised by the sub-prefect. Justice is not said to be positively corrupt, but, the law being ill understood by many judicial functionaries, civil suits especially have been frequently decided on erromeous principles. Few of the municipalities have revenues adequate to the maintenance of a sufficient police; the latter is said to be better in Junin than in the other depa. The prov. prisons are bad and insecure. Slavery is extinguished, except as respects those who were slaves previously to the declaration of Peruvian independence in 1830. Except those individuals, a traffic in whom still goes on in the interior, every one enjoys the right of in 1830. Except those individuals, a trame in whom sun goes on in the interior, every one enjoys the right of citizenship, excepting only vagrants, gamblers, drunk-ards, and those who, without cause, abandon their wives, or are divorced on account of misconduct.

The state religion is the Roman Catholic; and, Peru having been the country in which the direct influence of Canin are reschars more felt than in any other of her

Spain was perhaps more felt than in any other of her transatlantic possessions, a great deal of intolerance was formerly shown toward individuals of a different creed; tormerly snown toward individuals of a different creed; though we believe a considerable portion of this has dis-appeared since the establishment of the republic. Lima is the seat of an archibishop, who holds the chief eccle-sisatical authority. The Jesuits in the 17th century, and afterwards the Franciscam monks, established various Indian missions in the E. parts of the country. But indian missions in the E. parts of the country. But these have almost all gone to decay; and the former missionary college of Ocopa, about 12 m. S. E. Tarma, suppressed at the revolution, but afterwards restored, is by no means flourishing, and many Indians of the interior are relapsing into paganism. The clergy are said to be careless of their duties, and lax in their morals. "The indians and curates are often seen chattering and driving hard bargains in relation to first fruits (for tithes are collected by the state), marriages, burials, and religious festivals, which latter are closely interwoven with the entire social system of the country. The Sierra curases entire social system of the country. The Sierra curates are men commonly much worn out in constitution at the are men commonly much worn out in constitution at the age of 40. These gentlemen, when their home becomes irksome, start off, swayed by some sudden impulse, to the nearest town of white linhabs., where they enjoy a finer climate and more gratifying company. The curate not unfrequently resorts to a mining village, under pretext, perhaps, of selling his 'primicla,' or first fruits, in grain, gambling with the miners day and night, till the primicla be all swallowed up; and the poor residentiary returns home involved in a debt which he cannot pay for the next six months, even should his curer he worth

returns home involved in a debt which he cannot pay for the next six months, even should his curacy be worth 4,000 or 5,000 dollars a year, though it be oftener much less." (Peru as it is, 1, 211, 312.)

Schools for reading, on the Lancastrian plan, are common in the capital, and exist in the larger provincial towns; and all the white children are taught the elements of instruction. Lima has a university and several other colleges; but the former has seldom more than 50 students, and the latter establishments have mostly dwindled into insignificance. Superior education is confined to a very few amone the whites, and ornamental amost universally takes precedence of useful instruc-tion: the negroes and Indians have rarely any education

except what is necessarily acquired in the ordinary intercourse between man and man. There are some good libraries in the cap, and a medical college; but medical science generally is at a very low ebb. In the rural districts especially, what is called medicine is the grossest quackery; and other branches of general science are not in a much better condition. There are few hospitals or other charitable institutions, such foundation; having been mostly suffered to fall into decay. dations having been mostly suffered to fall into decay.

The constitution provides that a national militia shall

I ne constitution provides that a national militia shall be raised throughout the country; but in most of the provs. it can hardly be said to exist, except in name. The standing army is estimated at 3,000 men, and the naval force is quite insignificant. (Smith, Peru as it is, it. 65—142.) We cannot form any clear estimate of the public revenue and debt of this state: the Weimar Alexander accepts of the state that the morphills are accepts of the state that the republic revenue and debt of this state: the Weimar Alexander accepts in the state that the morphills are not so that the state that the morphills are not so the state that the state that the state is the state that the state is the state that the state is the state i

the public revenue and debt of this state: the Weimar Almanack roughly states the probable amount of the latter at 20,000,000 plastres.

History.—When the Spaniards under Pizarro and Almagro arrived in Peru, in 1582, they found that country under the dominion of the Inclas, who, according to the traditions of the Indians, had held the so-vereignty about four centuries. The first Inca, Manco vereignty about four centuries. The first Inca, Manco Capac, had either immigrated from some distant country or been a person of very superior acquirements. He pretended that his sister, Ocollo, whom he married, and himself were children of the sun, and that they were sent to instruct the rude and barbarous natives in the duties of religion, and in arts and civilisation. He made Cusco the cap. of his dominions; and, having erected a temple to the Sun in that city, appointed 12 virgins of the blood royal to act as priestesses to the divinity, and became both the high-priest and law-giver of his people. The government and manners of the Peruvians were, as compared with those of the Mexicans, mild in the extreme. Still, however, a considerable number of the attendants of the Incas were sacrificed on their death, and interred of the Incas were sacrificed on their death, and interred

pared with those of the Mexicans, mild in the extreme. Still, however, a considerable number of the attendants of the Incas were sacrifired on their death, and interred with them, that they might appear in the next world with their former dignity, and be served with the same respect. The remains of the roads, aqueducts, palaces, temples, and other structures, scattered over the country, attest the advanced state or civilisation at which the Peruvians, as compared with most other Americans, had arrived. The empire of the Incas fell an easy conquest to Pizarro and his bloodthirsty comrades. It continued in possession of the Spaniards till 1821, when Lima, having submitted to a Chilian army under San Martin, its independence was declared on the 28th of July. Since that time Peru has been, like the other ci-desant Spanish colonies, involved in all but perpetually occurring vicissitudes. (Ullos; Robertson's America; Stevenson's Residence in Perus; Smith, Perus as it is; Humboldi; Hall; Miller; Goog. Journal, &c.)

PERUGIA (an. Perusia), a town of the Papal States, cap, deleg, of the same name, nearly in the centre of the Italian peninsula, and on the main route between Rome and Adriatic, and 85 m. N. Rome; lat. 43° 6' 46" N., long. 12° 22' 13" B. Pop. 30,000. It stands on the summit and declivity of a hill, 700 or 800 ft. in height. It is fortified, though not strongly; being defended, exclusive of its walls, by a castle, erected by Pope Paul III., in 1543 It is irregularly laid out, but well-built, and has several public buildings and remains of antiquity that are worth notice. The cathedral is a large Gothic edifice, which would be handsome, were it not so party-coloured. Like many of the other churches, it is rich in works of art, having paintings by Barrocci, Guido, and Perugino, exclusive of four famous pictures by Raphael — the Annunciation, Circumcision, Circumcision, Circumcision, candon and continue are proposed and content of early Italian architecture. The palmaso psectimen of early Italian architecture. ciusive of four famous pictures by Raphael — the Annunciation, Circumcision, Assumption, and Adoration of the Magi. The churches of St. Dominico and St. Francisco are interesting; the last being a very handsome specimen of early Italian architecture. The palazzo pubblico is a remarkable specimen of italian Gothic. Among the antiquities are an arch, reported to have been built by Augustus, though, according to Mr. Wood (Letters of an Architect, ii. 104.), it is probably later; a circular building, still tolerably perfect, which is evidently of Roman origin. There are numerous public fountains; one of which, in the principal square, has been ornamented with basreliefs and statues by Arnolfo da Lapo. Perugia has a university, with about 900 students, several academies, numerous convents, two theatres, a built-ring, and an admirable ground for playing pullone. This city is the residence of a Papal delegate, a bishop's see, the seat of a tribunal of primary jurisdiction, and a board of police, and the residence of the directing engineer of bridges and roads for the delegs of Perugus, Spoleto, and Rieti. It has manufactures of carpets, sil's goods, prepared skins, hats, cream of tartar, soap, and wax, candles, and some trade in wines, oil, and other agricultural products. Perugia is scarcely inferior in antiquity to Cortona, and was its equal in rank among the cities of Rtruria. Antony having abut himself up in the city, it was taken, after a stubborn resistance, by Octavius Casar, who dismissed Antony: but the city was hardly dealt with, more, as Velicius says, through the irritation of the soldiers than

the inclination of the general. (lib. ii. cap. 74.) It was annexed to the Papal dominion by Julius II., in 1512. The famous painter, Vanucci, surnamed Perugino, was a native of this city. (Wood's Letters of an Architect;

a native of this city. (Wood's Letters of an Architect; Stmond, &c.) (an. Pissurvum), a coast town of central Italy, Papal States, leg. Urbino, on the Toglia, near its mouth, in the Adriatic. 20 m. N. by E. Urbino; laz. 43° 55′ 10′ N., long. 12° 34′ 5′ B. Pop. about 15,000. It is surrounded with fortifications, and is well built. The streets are clean and airy, and it has in general a neater appearance than most towns of Italy. Its market-place is ornamented with a fountain, and a marble statue of course, its cathedral, and the usual complement of churches and convents. It has no harbour, but merely an open roadstead. Some of the churches are remarkable for their paintings, as are several of the houses of an open roadstead. Some of the churches are remarkable for their paintings, as are several of the houses of the higher ranks. The palace of the former dukes of Urbino is now occupied by the Papal legate. There are many handsome private residences, 2 hospitals, a founding asylum, a good theatre, &c. The aqueduct, which conveys water to different parts of the town, is supposed to be a work of the Romans; and there are the remains of an ancient bridge and theatre. Silk and cotton stuffs, glass bottles, cream of tartar, &c., are produced on a small scale; but the inhabs. are principally employed in the trade in agricultural produce, the surrounding country, which is rich and well-cultivated, producing the best figs in Italy, with wine, olives, silk, &c. There are several handsome villas in the vicinity; one of which was occupied, in 1818-19, by Queen Caroline of England. Plicamum was a Roman colony. It is noticed by Catullus, tullus,

But the defects in its climate, which made it be so cha But the defects in its climate, which made it be so characterised, have been to a considerable extent obviated by the drainage of some adjacent marshes. The famous musical composer, Rossini, was a native of, and resident in this town. (Rampodit, Woods, Starke, &c.,

passim.)

PESHAWER (The "Advanced Post"), a considerable city of Afghanistan, cap. of a principality of the same name, which for some time belouged to Runjeet Singh, but which is now, probably, included in the dom. of the Caubul sovereign. It stands in a nearly circular plain, about 35 m. in diameter, and watered by many branches of the Caubul river, 140 m. E. by S. Caubul, and 236 m. N. W. Lahore; lat. 34° 6° N., long. 71° 13° E. Pop., formerly estimated by Mr. Elphinstone at 100,000, but it is now certainly much less. It is built on uneven ground, and is upwards of 5 m. in circ. The houses are mostly built of unburnt brick, inclosed in wooden frames, and are commonly three stories high; the uneven ground, and is upwards of 5 m. m. circ. The houses are mostly built of unburnt brick, inclosed in wooden frames, and are commonly three stories high; the lower story being usually occupied by shops. The streets, though narrow, are paved, and have a kennel in the middle. Two or three brooks run through the town, akirted with willows and mulberry-trees, and crossed by bridges. There are many mosques, but no public building is said to deserve public notice, except the Bala Hissar, or citadel, and a fine caravanseral. The former, a castle of no strength, on a hill N. of the town, commands an extensive and beautiful view, and when visited by Mr. Elphinstone in 1809, had some fine halls, and was surrounded with spacious gardens, being the occasional residence of the king of Caubui; but when Moorcroft saw it about a dozen years afterwards, it was a heap of rubbish, and the only use made of it by its Selkh rulers was as a quarry whence to procure materials for dwellings of their own erection. Many of the houses in the city were also, at the latter period, uncannet and in ruins; in the plain numerous villages were deserted; and in the immediate vicinity of the town the Seikhs had inflicted more mischief than many years' labour could remedy, by destroying gardens and

town the Seikhs had inflicted more mischief than many years' labour could remedy, by destroying gardens and orchards, and demolishing the wells, and channels of irrigation. (Moorcroff's Tras., ii. 337.)

Peshawer is well situated for trade, and should the Indus come to be extensively navigated by British vessels, Peshawer would most likely become a considerable entrept for the trade between India and Afghanistan, Khorassan, and the countries N. of the Hindoo Koosh. The inhabitants are very mixel, but Drincipally of The inhabitants are very mixed, but principally of Indian origin, and occupied in commerce. The shops are well supplied with fruits and other provision, and diery, boots and shoes, woollens, hardware, books, and other manufactured goods.

other manufactured goods. It is said by some authorities to have been founded by Acher; but the district of Peshawer is mentioned in the histories of the 10th century; and it is more probable that it should have taken its name from a city already existing, than the reverse. Peshawer was, however, greatly improved and enlarged by Acher, in the 16th century. (Elphastone's Caubul, 1. 72-81; Moorcraft's Travels, it. 337, 338; Eurnes's Bokhara, &c.)
PESTH, a city of Hungary, on the E. side of the

Danube, 136 m. E. S. E. Vienna, immediately opposite as Buds, with which it is connected by a magnificent uspension bridge, opened in 1848. (See Buda). It is he seat of the chief judicial tribunals of the country, as Danube, 135 m. E. S. E. Vienna, immediately opposite ... Buda, with which it is connected by a magnificent suspension bridge, epened in 1848. (See Bura). It is he seat of the chief judicial tribunals of the country, as Buda is the residence of the viceroy and other chief state sutherities. Pop. (excl. garrison and strangers), about 18,000, principally R. Catholics; or, together with Buda which see) and its suburbs, probably 110,000. (Berghess.) Petth, with its suburbs, cocupies a space about 6 m. in:rc. It stands on level ground; and being almost wholly of modera date, is much more regularly laid out and sandsomely built than Buda. The streets, which are nostly wide and straight, are paved and partially fursished with trottoirs, some of them being, in the splen-lour of their shops and their elaborately painted signs, ittle inferior to those of Vienna. "After a fashion, once ommon with us, and of which one or two specimens still xist in Loodon, every shop has a name and sign; so hat you may buy your cigars at the Yossag Prince, your ravats at the Three Graces, and bonbons at the English ord; and for the instruction of those who do, those subjects re all illustrated by large paintings, in a style by no neans contemptible." (Pager's Hengary, i. 943-4.) The quares are generally very well built; but from the wast forme object in the centre, they los hare and deserted; esides affording room for the accumulation of those eap of sand with which the city is infested, but which night probably be prevented by planting round the outkirts. The growth of Petth within the last few years as been most rapid. Along the riverside, which, a few ears ago, was nothing but a marsh, is now a wide quay, artially paved and walled in, and lined for upwards of m. by a succession of handsome buildings. Near the ruite of these are the new theatre, and Redonter-saal, rubble bail-room; and at one end, ornamented with portico like the last named edifice, is the National saino, an institution similar to the clubs of London, stabilished by Count

This city is also distinguished by its establishments roted to the higher branches of scientific instruction. s university, established at Tyrnau in 1633, and transred thither from Buda, by Joseph II., in 1784, is the ily one in Hungary, and one of the most richly enwed in Europe. The instruction is entirely gratuits; and it has about 50 professors, an observatory on e Blocksberg in Buda, a large botanic garden, a vetenary hospital, and a library of 60,000 vols. In 1846, it d about 1,000 students. The National Museum founded 1802, has a fine library, rich in Hungarian MSS; a mplete collection of Hungarian coins from the 10th ntury; collections of minerals, fossils, antiquities (prinally Roman, and others, found in Hungary and Tranlvania); historical relics, specimens of manufacres, &c. The Hungarian academy of sciences, origilly founded for the cultivation of the Magyar language, a received many munifecnt donations, and has an inily founded for the cultivation of the Magyar language, a received many munificent donations, and has an inme of about 2,000... I year. It publishes transactions, d gives annual prizes for the best works in Hungarian. sth has, also, a gymnasium, Rom. Cath. and Lutheran minaries, an English conventual school for noble ladies inglish. Frailleinstift), a teachers' seminary, many imary, and Greek. Protestant, and Jewish schools, a nd school, &c. The chief judicial tribunals are the via Regia, or Royal Table, and the Septemirial Tafet, termed because it originally consisted of 7 members, t was extended so as to include the palatine, 4 preces, 9 magnates, and 7 other nobles. There are various aritable institutions. Several newspapers are pubhed in the Hungarian language. Though near the treme verge of European civilisation towards the E.,

PETERBOROUGH.

Posth has all the appearance and conveniences of a city of W. Europe. It is well furnished with provisions of every kind, and, in some respects, its inhabs, are better off than those even of the capitals of England and France! The flacer is none of the heavy, shabby, slow coaches found on the stands of London; but a very clean, smart, open calc'che, with two high-bred little horses, which whisk along at a famous rate; and a driver as far superior in sharpness and wit to his wooden-shod confrère of Paris, as the equipage is to that of London. In winter, instead of the open calc'hoe, a neat close charlot takes its place; for he is a very poor flacer, in Pesth, who has not a winter and a aummer carriage." (Paget, i. 230.)

The greatest variety of costume may be seen in Pesth, especially at the four great annual fairs, which are attended by at least 30,000 strangers, many of them from very distant parts. The business transacted at these fairs is very extensive. (See Bright's Travels in Lower Hunggery, pp. 217—223.)

Pesth manufactures silk and woollen fabrico, leather, straw hats, oil, tobacco, &c.; but its principal manufacture is that of sucreackasses pipe-bowls. These, which consist of the species of earth called Aaf-kii, dug in the Crimes, are first rudely fashloned in Constantinople, but are finished for the German markets in Pesth. They are thence couveyed to Vienna, and ultimately to the fairs of Leipeic, Frankfort, Mannheim, &c.; where the best fetch from 3i. to 3i.; and even 7i. sterling. A considerable intercourse is kept; up between Pesth and Buda; all classes pay toll on passing the bridge.

The amusements of both cities differ little from those of the German capitals. The theatres, coffee-houses, and public gardens in the neglibourhood are the favourite places of resort. Immediately beyond the barriers of Pesth is the Rákos Mező, a wide plaiu on which the diets of Hungary were held for many cen uries; and on a part of which horse-races, somewhat after the English fashion, are now held ye cruciform structure of Norman and early English architecture, erected during the 13th century. The dimensions of the interior are, length, 476 ft.; breadth of nave and aisles, 78 ft.; breadth, the transepts, 69 ft.; height of the very 208 ft.; breadth of transepts, 69 ft.; height of the V. front 156 ft.; beight of the central tower, 180 ft. A tower and spire once stood over the N.W. transept; but the latter has been taken down. The approach to the cathedral has a very monastic appearance. "Passing under a Norman gate, with later additions, a court is entered, the right side of which is formed by the domestic buildings of the abbey; and at the end is the noble front of the church, consisting of three fine early English arches; but their beauty is much impaired by the small chapel or porch, which, in another place, would have been very beautiful. The E. end is circular, and the aisless are made out square by perpendicular additions. The choir has a wooden groined roof of very inferior workmanship: a handsome atone screen has recently been substituted has a wooden groined roof of very inferior workmanship: a handsome stone screen has recently been substituted for one of wood, and the fittings of the choir have been entirely renewed, under the direction of Mr. Blore. The nave is a very good specimen of that description of Norman work which has its piers composed of shafts; the proportions are good, and the general appearance is fine, without that overwhelming heaviness seen in those edifices where the great circular piers are used." There are few monuments, shrines, or chantry charles, the are few monuments, shrines, or chantry chapels, the parliamentary troops having plundered the church of most of its ornaments of this description. Catherine of Arragon and Mary Queen of Scotland, were interred

here; but their graves are not marked by any sepulchral monument. "The remains of the monastic buildings in the count fronting the cathedral are of somewhat varied style, but present, on the whole, a valuable specimen of bold and varied outline, both of plan and elevation. In the same court, also, leading to the cemetery on the N. side of the church, is a late perpendicular gate remarkably rich in ornament, and near the S. transept are some remains that may have been the refectory, or infirmary chapel of the ancient monastery." (Rickman's Gothic Architecture, p. 209.) The cathedral corporation consists of the dean and six prebendaries, who divide among them a nett revenue of 5,118t.: there are also four minor canons and a precentor. Peterboroush was erected into a bishop's see by Henry VIII., and the diocese now comprises the cos. of Northampton, Rutland, and Leicester. The nett revenue of the see amounted, at an average of the three years ending with 1831, to 3,103f. a year; but it has been since augmented by an order of council to 4,500f., the deficiency being supplied from the surplus funds contributed by the larger sees.

The par. church is a spacious building, lately remodelled, and put in very complete repair: the living is a vicarage in the gift of the bishop. The independents, Baptists, and Wesleyan Methodists have also their respective places of worship, and there are Sunday-schools attended by upwards of 200 children of both sexes. The cathedral grammar-school, founded by Henry VIII., is attended by about 30 boys, and endowed with 3 scholarships and a fellowship at St. John's College, Cambridge. There are 12 charity-schools for boys, and a national school is attended by about 300 boys and a national school is attended by about 300 boys and an animal school is attended by about 300 boys and a national school is attended by about 300 boys and endowed with 3 scholarships and a fellowship at St. John's College, Cambridge. There are 12 charity-schools for boys, and a national school is attended by about 30 here; but their graves are not marked by any sepulchral monument. "The remains of the monastic buildings in the court fronting the cathedral are of somewhat varied

by the Boundary Act, so as to include with the old bortic remainder of the par., and the extra-parochial precincts of the cathestral. Registered electors, in 1843-50, 542. Markets on Saturday: fairs, July 1. and Oct. 1., chiefly for cattle.

PETERHEAD, a parl. and mun. bor. and sea-port of Scotland, co. Aberdeen, on the point of a flat, rocky, promontory, projecting into the German Ocean, 27 m. N.N.E. Aberdeen; lat. 397-32° N., long. 1947° W., being the most easterly point of land in Scotland. Pop., in 1841, 8,759. Peterhead was erected into a bor. of barrony by the family of Keith, earls marischal, on whose estate it was built, in 1893. On the attainder of that family, it was purchased by the York Buildings' Company, who sold it to the governors of the Merchaut Maidens' Hospital of Edinburgh, who are now the superiors of the town, and have always been its liberal and munificent patrons. It ild not, however, attain to any distinction till about 1770, soon after which the famous engineer, Smeaton, was employed to construct a harbour on the S. side of the promoutory on which the town is built. This harbour, though on a small scale, was sufficient to demonstrate the importance of the place, and the advantage that would result, not merely to the town itself, but to the shipping employed on the E. coast of Scotland, from the improvement of the harbour. In consequence measures have been undertaken and carried into effect during the present century for excavating the rocks that obstructed the S. harbour, and for constructing a new and extensive harbour and graving dock on the N. side of the peninsula. These great works have since been completed, at an expense of above 30,000%, and Peterhead has, in consequence, been rendered one of the best harbours on the E. coast of Scotland. The area of the S. harbour is 6%, and that of the N. nearly il acress. They are formed by strong moles projecting into the sea. The harbours on the E. coast of Scotland. The area of the S. harbour is 6%, and that of the N. nearly il acress. The

ings may be specified the town-house, with a handsome spire 125 ft. in height, and the par church, a respectable building 118 ft. in height. A handsome cross, consisting of a Tuscan pillar of granite, surmounted by the arms of the earl-marischal, was erected in 1832. The town has a fine church, an episcopal chapel, with chapels for the Associated Dissenters, Independents, and Methodists. It has, also, a scientific association, a news' room, a valuable museum, 2 public libraries, 4 branch banks, and various friendly societies. There are mineral aprings within the bor, that used to be a good deal resorted to but they are now comparatively neglected. Except repemaking and ship-building, Peterhead has no manufactures.

tures. In 1830 there belonged to Peterhead 23 vessels of the aggregate burden of 6,242 tons. The inhab, early engaged in the N. sea whale-fishery, and carried it on for a lengthened period with great vigour and success. In 1822, 15 ships belonging to this port brought home 2,217 tuns of oil i This, however, was the maximum of prosperity, and the business has since declined, though in the past year (1849), Peterhead had 11 ships engaged in the trade. It is now, also, next to Wick, the most important station for the herring fishery; no fewer than \$5,146 bar. herrings having been cured here in 1849. The cod or white fishery is also prosecuted to a considerable extent.

cod or white fishery is also prosecuted to a considerable extent.

The products of the fishery form, of course, a considerable portion of the exports from the port; but, exclusive of these, very considerable quantities of corn, butter, and other agricultural products, are exported. Great quantities of granite are also occasionally exported.

The Reform Act conferred on Peterhead the privilege of sending a mem. to the H. of C. in conjunction with the bors. of Elgin, Bang, Cullen, laverury, and Kinnore. Registered electors in the united bors. in 1849-50, 894; in Peterhead, only 239. The bor. has 12 councillors. PETER-LE-PORT (ST.). See Guesness.

PETER-LE-PORT (ST.). See Guesness.

PETERSBURG, a governm. of Russia in Burope, being that in which the cap. is situated, between 58° and 60° 30′ N. lat., and 28° and 34° E. long.; having N. the Gulph of Finland, the gov. of Wyborg, Lake Ladoga, and the gov. of Olonetz; B. and S. B. Novgorod; S. Piskof; and W. the Lake Pelpus, and the gov. Revel. Area, estimated at about 15,000 sq. m. Pop., in 1846, 642,700. The country is generally flat; but in the N. and S. E. are a few undulating hills. The general slope is towards the N. W.: all the rivers, the principal of which is the Neva, flow to the Gulph of Finland, or Lake Ladoga. The soil is mostly sandy and thin; and the climate damp, severe, and unhealthy. At an average, frost ness. Neva, flow to the Gulph of Finland, or Lake Ladoga. The soil is mostly sandy and thin; and the climate damp, severe, and unhealthy. At an average, frost prevails, more or leas, for 160 days in the year. Rye, barley, oats, and some wheat are grown, but the climate is unfavourable to the culture of corn; and nearly 2-3rds of the prov. is covered with wood, marshes, and lakes. Timber, indeed, forms the chief source of what may be called wealth Acale and mark being the years attitles of corners. ber, indeed, forms the chief source of what may be called wealth, deals and masts being the great articles of export, and the villagers subsisting chieff by making wood-work of different kinds. The trade is limited, in a great measure, to the capital. The best agriculturists are German colonists, who raise flax, hemp, and, above all, kitchen vegetables, for the supply of the capital. Russians form the majority of the inhabs.; the remainder is composed of Finns, Carellans, ljors, Germans, &c., most of whom are Lutherans. This gov. is divided into 9 districts; Petersburg, the cap., is the only place of importance.

1 ETERRSBURG, the modern metropolis of the Russian empire, and one of the largest cities

Russian empire, and one of the largest cities of Europe, at the E. extremity of the Gulph of or Europe, at the E. extremity of the Gulph of Finland, where it receives the river Neva, by which the city is intersected, lat. 59° 56′ 31′ N., long. 30° 184′ E. Pop., circa 500,000. The city, which is of a circular form, stands partly on the main land, on the S. side of the Neva, and partly on islands formed by its branches. It owes its existence to the genius and power of Peter the Greet by when its and power of Peter the Great, by whom its foundations were laid in 1703. At first all the public buildings and houses were of wood, and were huddled together without regard either to regularity or convenience. But brick and stone buildings were soon after introduced; and the streets were laid out on a regular plan, crossing each other at right angles. This was greatly facilitated by the ravages of destructive fires in 1736 and 1737, which having destroyed some thousands of the old houses, enabled government to lay down judicious regulations for their reconstruction. The empress Elizabeth did much to improve the city; but it is chiefly indebted for its regularity, beauty, and magnificence to empress Catherine II. Under this princess | cent equestrian statue of Peter the Great, by Fal-principal channel of the Neva was faced by | conet. "The monarch is represented in the attie granite quays; several new streets and ils were opened; and seven of the finest lic buildings and monuments were either tilt on an improved plan, or constructed of The late and present emperors have also nguished themselves by their efforts to ime and embellish the city. It is now cer-ly one of the finest in Europe, and is unthed for the width and regularity of its the elegance of its squares and public dings.

mong the latter, which are principally situon the quays bordering the main channel ie Neva, and in the street entitled the Nefski spective, may be specified the Winter Paor ordinary residence of the emperor, a vast heavy building. It communicates by a galwith the Hermi age, another palace, long the lence of Catherine II.; the latter has ated to it the court theatre, and contains a le picture gallery, a valuable library, and an aordinary rich collection of engraved stones, ls, &c. There are also the Marble Palace. Palace of Anitchkoff, formerly occupied by reigning monarch, the Taurida Palace, built atherine II. for her favourite Potemkin, &c. Admiralty, an immense brick building, eces the centre of the city; it contains storeses, docks for the construction of men of-war, a very extensive collection of objects con-ad with navigation and natural biscory. The grit tower of the admiralty, erected by the ress Anne in 1734, is one of the most striking cts in approaching Petersburg. Among the r public buildings are the hotel of the acay of the fine arts, accounted one of the finest he city; the Exchange; the palace of the ite; the hotel de l'étal major, a magnificent ding; the barracks for the guards; the new ure; the exchange bank; imperial library; adling hospital; hotel of the land cadets, and st of others.

he citadel, founded by Peter the Great, but e reconstructed, stands on an island in the re of the city. It is a regular hexagon, and

re of the city. It is a re a tower 360 ft. in height.

mong the churches may be specified the cairal of our lady of Kasan, consecrated in 1811. bui't on the model of St. Pe er's at Rome, is one of the finest ornaments of the capital. eathedral of St. Peter and St. Paul was nded by Peter the Great in 1712; it is of e dimensions; but it derives its principal inst from its containing the tombs of all the ssian sovereigns, from its illustrious founder n to the late emperor, with the exception of of Peter II., interred at Moscow. rch of the convent of St. Alexander Nefski, he end of the magnificent street to which it given its name, occupies the third rank among churches of Russia. The mausoleum of the it is of solid silver; several distingui-hed sons are interred in the church; and there is ched to it a grammar-school on a very large e, having generally about 800 pupils. The redral of St. Isaac is one of the largest and at churches in the city. The total number churches in 1836 amounted to 58, of which belonged to the established Greek faith, 11 Catholics and Protestants, and 4 to dissen-There were, also, at the same epoch, 91 cek chapels in private houses, and one monas-

'etersburg contains some noble monuments: he head of these may be placed the magnifi-

conet. "The monarch is represented in the atti-tude of mounting a precipice, the summit of which he has nearly attained. His head is uncovered, and crowned with laurel; he wears a loose vest, in the Asiatic style, with half boots, and sits on a housing of bear skin; the right hand is stretched out, as in the act of giving benediction to his people, and the left holds the reins. The design is masterly, and the attitude bold and spirited. The horse is springing upon the hind legs, and the tail, which is full and flowing, appears slightly to touch a serpent, artfully contrived to assist in supporting the vast weight. The contrast be-tween the composure of Peter and the fire of the horse, easer to press forward, is very striking. The simpl city of the inscription corresponds to the sublimity of the design — Petro Primo, Catharina Secunda, 1782." (Coxe's Trav., ii. p. 112.) The pedestal on which this noble statue is erected is a gigantic rough block of granite. It was f und at a distance of several miles from the capita, and its conveyance thither was a work of extraordinary difficulty.

The column erected in honour of the late emperor Alexander is one of the finest of its kind. It is 150 ft. in height; the pedestal is of granite and bronze; the shaft of the column consists of a single piece of red granite, 84 ft. in length, and 14 ft. in diameter. This, which is the largest monolithe in the world, was cut from the quarries of Pyterlar, in Finland, several m. from Petersburg. The column is surmounted by a capital and a small dome in bronze, on which is placed

a statue emblematical of religion.

The cottage occupied by Peter the Great during the foundation of Petersburg is still pre-served, and will be regarded by most persons as the most interesting monument in the city. It is built of wood, painted in the Dutch style, and is not 20 ft. high.

Petersburg has a great variety of institutions for the promotion of education and literature. The university, founded in 1819, has already attained to considerable distitution, and had, in 1846, 700 pupils and 69 professors. The medico-chirargical academy, founded by Peter the Great, and re-organised by the emperor Alexander, for the instruction of medical men, enjoys a high reputation; two hospitals, on a large scale, are attached tolt; the instruction is gratuitous, and the number of numlis may amount hospitals, on a large scale, are attached to it; the instruction is gratuitous, and the number of pupils may amount
to 520. A sum of 386,299 roubles a year is appropriated
to the support of this establishment. The education is
good, and the examination strict. Among the educational institutions may be specified the military schools
(see art. Russia); the theological academy; the school
for training and instructing schoolmasters; the Oriental
institution, founded in 1823; the school of commerce and
avigation; the technological institution; the Protestant
school of St. Peter, at which above 500 children of both
sexes are educated; two gymnasiums or colleges; the
schools of Sendiuol and St. Catherine, for the instruction
of nearly 700 young ladies; the military orphan school;
the grammar-school of St. Alexander Nefski, already
alluded to, and a number of others.

According to the official returns, the pupils at the

alluded to, and a number of others.

Acording to the official returns, the pupils at the various schools and educational institutions in the city, in 1836, amounted, in all, to 11,293. Now, if we take the stationary pop. of the city at 400,000 (see post), this would give the proportion of scholars to the pop. at about 1 in 32. But when every body is educated, the proportion at school cannot well be less than 1 in 10. The number of children in Petersburg is, no doubt, less in proportion to the pop. than in most other great towns; but it is, notwithstanding, sufficiently obvious that the means of elementary instruction are insufficient.

but it is, notwithstanding, sufficiently obvious that the means of elementary instruction are insufficient. Petersburg has some noble libraries, and scientific and literary collections. The imperial library, one of the largest and finest in the world, contains about 445,000 printed vols. and 20,000 MSS. The academy of sciences, founded by Peter the Great in 1724, has long occupied a distinguished place among such bodies. It contains a valuable library, an Aslatic museum, with cabinets of medals, natural history, &c. It is also furnished with an observatory, whence the Russian geographers reckoutheir first meridian. The Imperial Russian academy, the academy of fine arts, &c., are celebrated all over

sons, a blind asylum, &c.

sons, a blind asylum, &c.

The Neva is deep, rapid, and its waters as clear as crystal. The main stream, which is broader than the Thames at London, is crossed by two bridges, and its branches by three. These are all of boats, and are removed in the beginning of winter, before the river is frozen over. But there are a great number of other bridges joining the various portions of the city: some of these are of iron, some granite, others wood, &c. The granite quay, along the S. side of the Neva, is a stupendous work, above 3 m. in length. The S. side of the town is intersected by canals, of which the Fontanka is the finest.

the finest.

The streets are, for the most part, paved with stone; a few, however, are still floored with logs of timber; and recently some have been macadamised. The foot pavements are generally good; but the carriage ways, in wet

weather, become very dirty.

Many of the brick houses are stuccoed and painted, so as to have the appearance of stone; but the number of genuine stone houses is very limited indeed, and wooden houses still predominate. According to the official ac-count, there were in the city, in 1836, 8,641 houses, of which 3,094 were brick and stone, and 5,617 wood. The better class of houses are covered with iron or copper, and the interior with tiles. The principal houses have arched door-ways, under which carriages enter, and spacious court-yards, in which wood for fuel, &c., is stored up.

Owing to the barren nature of the soil round the city, most part of the provisions required for its consumption have to be brought from a great distance by canal or by sledges. An extraordinary market for butchers' meat, game, fish, &c., is held at the conclusion of the fast, ending the 28th Dec. (O. S.), at which a large proportion of the inhabe, supply themselves with provisions for the remainder of the winter. The carcasses of the vast quantities of oxen, sheep, hogs, fowls, &c., brought to this market, are all frozen; the smaller animals are piled up wing to the barren nature of the soil round the city,

Burope; and there are besides a great number of similar institutions. The botanic garden is extensive, and has a valuable collection of exotics.

The hospitals are numerous, and well endowed. The most celebrated is the founding hospital, founded by Catherine II., and much improved and enlarged by the late benevolent empress, Maria Fedorouna. But, however well intended, it is pretty certain that this foundation has always been productive of infinitely more evil than good. The mortality used to be enormous; and, notwithstanding the improvements that have been introduced, it continues, necessarily perhaps, to be very great. From 1822 to 1831, the admissions were 39,114, and the deaths 31,779! The establishment costs about 1,000,000 roubles a year. The city hospital, and the imperial hospital, for sick poor, are both on a large scale; there is also an institution for deaf and dumb persons, a blind asylum, &c. ment, for the accommodation of the poor in scarce and severe seasons

Some manufacturing establishments are carried on upon account of the crown, but the greater number belong to private individuals. Among those belonging to the crown are manufactures of gunpowder, tapestry, and porcelain, and a cannon foundry. Among the private and porcelain, and a cannon foundry. to the crown are manufactures of gunpoweer, tapeatry, and porcelain, and a cannon foundry. Among the private manufactures are those of silks, cottons, sail-cloth, woollens, paper, leather, stuffs, tobacco, wax-cloth, soaps, types, &c.; there are extensive glass-works at Oserski, near the city; and there are great numbers of watchmakers and jewellers, coechmakers, mathematical and musical instrument makers, carpenters, &c.

musical instrument makers, carpenters, &c.

Petersburg has the most extensive foreign trade of any city in the N. of Europe. This arises not so much from its great pop, as from its being the only great maritime inlet on the Gulph of Finland, and from its vast and various communications with the interior. By means partly of canals, but principally of rivers, Petersburg is connected with the Caspian Sea, goods being conveyed from the latter to the capital, a distance of 1,434 m., without once landing them. The iron and furs of 8theria and the teas of China are received at Petersburg in the same way; but, owing to the great distance of these countries, and the short period during which the rivers and canals are navigable, they take 3 years in their transit by water. Immense quantities of the less bulky and more valuable species of goods are also brought to the

by water. Immense quantities of the less bulky and more valuable species of goods are also brought to the city during the winter upon the ice in sledges. The principal article of export is tailow; and, next to it, are hemp and flax, iron, copper, grain, particularly wheat; timber, potashes, canvass and coarse linen; linseed and hempesed; linseed and hempesed olis; furs, hides, leather, bristles, fox, hare, and squirrel skins; cordage, caviare, wax, isinglass, tar, &c. The principal imports are sugar and other colonial products; cotton yaru, raw cotton, and cotton stuffs; dye stuffs, wines, sliks, woollens, hardware, fine linen from Holland, Silesia, &c.; salt, lead, tin, coal. &c.

Account of the Quantities of the principal Articles exported from Petersburg in 1849, specifying the Countries to which they were exported, and the Number of Vessels that cleared out for each.

Destination.	No. of Ships. Copper.	Copper. Iron.	Hemp.		Flax.		Potash. Tallow.	Tallow.	Wool Bristies	Bristies.	Lineed		
				1st sort.	3d sort.	3d sort.	ist sort.	2d sort.			Woollen.		
Sweden Norway Prussia Denmark Hanse Towns Holland Belgium U. Kingdom	53 94 51 44 64 85	Peods. 22,124 500 3,250 1,500 31,185	Peods. 4,000 5,750 2,915	8,099 85,574 3,606	1,73½ 6,451 6,635 16,195 5,748	Poods. 46,580 6,474 5,256 46,421 24,635 34,941 410	97 33 808	255 : 16	196,276 24,964 90,365 85,426 18,464	11,447 69,973 63,865 171	5,841 838 193 8,557	Poods. 132 127 6 488 443 2,054	Chets. 908 1,175 4,310 51,187 20,138
France - Naples and Leg- horn - New York - Elsinore, for or-	845 82 15 36	5,255	11,000 10,850 11,000 29,101	895	.,	178,198 8,268		4,284	36,107	2,502,684 189,261	27,870 11,697	58,953 7,977 8,002	2;3;312 2;119 2;155
ders All other places Totals	24 16 1,363	-	-	1,941 8,436 1,978,090	1,414	4,935 7,175			10,576	7,271	12	i11	1,904 300 304,508

The total export of corn, and of seeds of all sorts, in 1847, amounted to the immense quantity of 2,518,897 chetwerts, equivalent to 1,813,606 quarters. But though very large at all times, this exportation, owing to the scarcity that then prevailed in this and other countries, was greatly beyond the average.

This great trade is principally conducted by foreigners, especially the English. Cronstadt, 20 m. lower down the gulph, is properly the port of Petersburg. All ships drawing more than 8 or 9 ft. water stop at the former, their cargoes being conveyed to and from the city by means of lighters. Hence Cronstadt is included in the Petersburg custom house; and vessels clear indifferently for the one or the other. The number of vessels entering the port varies from 1.000 to 1,600 a year, of tering the port varies from 1,000 to 1,600 a year, of which, as seen above, the English are by far the most nu-

nerous. The Russians have few native ships. A com-nercial bank was established here in 1818. (For further merous.

details as to commerce, &c., are RUSSIA.)
In most large towns females predominate over males; but it is quite otherwise in this capital: of 451,974 individuals, composing the pop. in 1836, 330,564 were males, and only 121,410 females! This extraordinary discreand only 121,410 females! This extraordinary discre-pancy is accounted for, partly by the great number of soldiers in the city, very few of whom are married, partly by the great number of unmarried male domestics in great houses, and partly by the fact that the wives and families of many of the peasants are established in the districts of the country to which they belong. Deduct-ing military and strangers, the permanent population of the city does not exceed 400,000. PETERSBURG.

Though well situated for commerce, the position of the city is, in most other respects, far from good he ground on which it stands is low and swampy, and is surrounding country partakes of the same character, at is covered with forests. No one less bold and emprising than Peter the Great would have dreamed of uilding a large city in such a situation, and no one with its gigantic means at his disposal would have been able ocarry such a project into effect. But no art can ever vercome the defects inherent in its situation. The immate is severe, foggr, wet, and variable in an unusual egree. The sub-soil is so very porous and saturated with water, that it is hardly possible to excavate a cellar ny where in the city, and there is the greatest difficulty a constructing severe to carry off fith and other imurities. But the great drawback on Petersburg constain its little elevation above the level of the sea and a river, and its consequent exposure to the most dreadist in its little elevation above the level of the sea and er iver, and its consequent exposure to the most dreadil inundations. These are generally occasioned by a V. or S. W. wind, accumulating the water of the gulph the mouth of the river, and preventing the free exit f the latter. The years 1736, 1752, 1777, and 1834 have een particularly distinguished by these inundations. The last of these visitations was the most appalling and extructive. The whole city was laid under water; bove 8,000 individuals perished, and property to a vast mount was destroyed.

he last of these visitations was the most appalling and estructive. The whole city was laid under water; bove 8,000 individuals perished, and property to a vast mount was destroyed.

The amusements of Petersburg are modified by the eligion and the climate. There are four theatres, and lars are acted in Russian, German, French, and someomes English. The actors are all paid by government, and do not, in any degree, depend on their audiences. The personser of the theatres comprises about 1,200 inviduals. During winter the national amusements are ledge-driving and sliding down artificial elevations, inmilar to those called in Paris the Montagner Russes. Il classes use the vapour bath: the public and private aths in the city are estimated at about 250.

The country in the vicinity of Petersburg being fint of marshy, presents few rural beauties. The imperial inity have country residences at Oraniembaum, on the culph of Finland, Rammanol Ostaof, Peterhof, Caarcoelo, &c. Czarkoelo, situated on the Neva, about 5 m. from Petersburg, its an exception to the general ule, inasmuch as it stands on an eminence rising 230 ft. bove the river; Paulosk, in the vicinity of Czarkoelo, is also considerably elevated.

The palace of Czarkoelo is reckoned the finest sumter residence belonging to the Russian monarchs. The own, though small, is handsome and improving, it has lyceum, with 14 professors, a forest school, and is the ap. of a circ. Paulosk has also a pretty little town desendent on it. These have been, for some time past, avourite resorts of the citizens of Petersburg; and the resumption is that they will be more resorted to now han ever, a railway—the first of the kind constructed in he empire—having been opened between them and the apital. A railway, on a magnificent scale, intended to nite Petersburg and Moscow, about 430 m. in length, as, also, been commenced, and proceeded with to a coniderable distance. Its completion will be of vast concluded to the empire.

We have consulted, in drawing up this article, the

iderable distance. Its completion will be of vast conequence to the empire.

We have consulted, in drawing up this article, the
Fravels of Cose, the Voyage de Deux François dans le
Vord de l'Europe (an accurate and valuable work),
idorch's Picture of Petersburgh, ê.c.; but we are princially indebted to the excellent account of the city in
ichnitaler's work La Rausie, La Pologne, êc., p. 187—
01., and the official accounts published by the Russian

Oi., and the official accounts published by the Russian overnment.

Peterseuro, a town and river-port of the United States of N. America, state of Virginia, on the Apponantax, a trib. of the James River, 21 m. S. by R. Sichmond; lat. 370 14' N., long, 770 20' W. Pop., in 460, 11,136. The town, which was rebuilt, in 1815, after m extensive fire, is regularly laid out, and comprises any handsome houses, with churches and other public wildings, including a masonic hall. Its inhab, carry on active trade in cotton, flour, and tobacco; and it has bretty extensive manufactures. The fails of the river, slose to the town, furnish ample water-power, and it ad, in 1835, three cotton-mills, six flour-mills, a brass and iron foundry, tanneries, oil-mills, &c. The river is navigable up to the town for vessels drawing 7 ft. sater; but large ships unload at City Point, near the nouth of the river; age, burden of ships belonging to he port in 1849, 2,736 tons. (Marray's Encyc. of Geog., PETERSFIELD, a parl. bor., market.town, and par, England, co. Southampton, and hund. Finch-dean, near the Leddon, 15 m. N.N.E. Portsmouth. Pop. of oarl. bor. (which includes with the old bor. the tithing of Sheet, the several pars. of Buriton, Lyp, and Frozled, 3 tithings belonging to the par. of East Meon and he par. of Steep, with the exception of 2 tithings), in 1841, 5,201; ditto, of town, 1,448. It is a small, clean, country-town, its principal street crossing the Ports-

pEZENAS.

mouth and London road, nearly at right angles. The church is a large brick structure, with a low, square tower: the living is a curacy subordinate to the rectory of Buriton. The Wesleyan-Methodists and Baptists have their respective places of worship, with attached Sunday schoola. The endowed charity school, called Churcher's College, was founded in 1722, and furnishes clothing and food, with general and mathematical instruction, to 10 or 12 boys. "Petersfield has but little trade, and any consequence which it possesses arises entirely from its position on the high road between London and Portsmouth," an advantage, however, which it will not enjoy after the completion of the Portsmouth branch of the Bouth-western railway. (Parl. Bossed. Rep.) The bor. was incorporated in the reign of Elisabeth, and is governed by a titular mayor and common council, chosen annually at the court-leet of the lord of the manor. It returned 2 mems. to the H. of C. from the reign of Edward I. down to the Reform Act, the right of election being in the freeholders in general within the bor., though, in point of fact, it has been for many years a close bor. belonging to the lord of the manor. The Reform Act deprived it of one of its mems., and the Boundary Act enlarged the electoral limits, so as to include with the old bor, the additional pars. and tithings mentioned above. Registered electors in 1849-50, 398. It is also one of the poiling-places at elections for the N. div. of Hampshire. Markets on Saturday, and fornightly satile fairs on alternate Wednesdays; other fairs, Mar. S., July 10., and Dec. 11., for sheep and horses.

PETERWARDEIN, or PETER-VARA, the captown of the Slavonian military frontier, and one of the strongest fortressee in the Austrian empire, on a scarped rock, on the S. bank of the Danube, opposite Neusatz, 46 m. N.W. Belgrade. Pop., with its suburbs, about, 4,800, exclusive of its garrison, which is usually about 4,800, exclusive of its garrison, which is usually about 4,800, exclusive of the Slavonian

Peterwardein has several churches, schools, &c., and communicates with Neusatz by a bridge of boats defended by a strong léte du pow... It is the residence of the general commandant of the Stavonian military frontier and several subordinate military authorities. It is supposed several subordinate military authorities. rai commandant of the Savonan initiary fronter and several subordinate military authorities. It is supposed to occupy the site of the ancient seumanum, and derives its present name from Peter the Hermit, who marshalled here the soldiers of the first crusade. (Ecst. Nat.

shalled here the soldiers of the Brit Crusauce, based and Bacqe, it should be Berghaus: Slade, Page, itc.)
PETHER TON, NORTH, a market-town and par. of England, co. Somerset, hund. its own name, 7; m. N. E. Taunton. Area of par., 11,060 acres. Pop., in 1841, 2.759. The town consists of one long street, in which are many and soldiers and a specious market-place. The Ine town consists of one long street, in which are many well-built houses and a specious market-place. The principal buildings are, the par. church, a handsome edi-fice, a chapel-of-ease, and an endowed school for 20 boys. The inhab. are chiefly employed in retail trade and agri-culture. A large corn-market was formerly held here; but it has long since declined in favour of that held at Bridgewater. Fairs, May 1. and the Monday before

Bridgewater. Fairs, May 1. and the Monday before Nov. 13.

PETWORTH, a market-town and par. of England, rape of Arundel, co. Sussex, hund. Rotherbridge, on the Arun, 13 m. N.N.E. Chichester, and 42 m. S.W. London. Area of par., 6,140 acres: pop., in 1841, 3,564. The streets are very irregular, but there are many well-built and some handsome houses, besides a fine market and sessions-house near the centre of the town. The church, a neat stone edifice recently enlarged, has a square tower: the living is a rectory in the gift of the Earl of Egremont, the lord of the manor. The Wesleyan-Methodists and Independents have also their respective places of worship, and there are various Sunday schools and a national school. Here are various Sunday schools and a national school. Here are limshouses, an hospital, and a house of correction on the plan of Howard. A considerable retail trade is carried on for the supply of the neighbouring gentry; but most of the inhabs are engaged in agriculture. The Rpiphany and Easter quarter-sessions for the W. div. of Sussex are held here, and petty sessions on alternate Saturdays. Petworth is one of the co. Markets on Saturday; fairs, Holy Thursday, July 29., and Oct. 2.

Ecose to the town is Petworth House, the seat of the teast Petro of Reservate which both for the selections for

Close to the town is Petworth House, the seat of the late Earl of Egremont, which, both for the elegance of its exterior and the sumptuousness of its internal fittings, may vie with the finest manions of the English nobility: the park, which is inclosed by a wall, 19m. in circ., is beautifully laid out, and commands many picturesque as well as extensive views.

well as extensive views.

PEZENAS (an. Piscense), a town of France, dép.

Hérault, cap. cant., near the junction of the Hérault and

Peine, 24 m. W.S.W. Montpellier Pop., in 1846, 7,217.

It is finely situated, and its old castle commands a magnificent prospect. Several of its streets are wide and It is meey situated, and its old castle commands a mag-nificent prospect. Several of its streets are wide and lined with good houses. It has a handsome par. church, and had formerly many conventual churches; but one of these has been converted into a distillery, another into an hotel, and a third into a theatre! Pezenas is the seat of a tribunal and chamber of commerce, and a comm. coil. It has manufactures of woollens, cotton stuffs and yarn, linens, &c. But it is principally celebrated for the great fair, held here in September, which is attended by dealers from all parts of the S. of France. A great deal of business is then transacted in wool, woollens, cottons, and other fabrics. (Hugo, art. Hérault.

Is attended by oealers from an parts of the S. of France. A great deal of business is then transacted in wool, woollens, cottons, and other fabrics. (Hago, art. Herault, \$\frac{4}{2}\$.)

PHILADELPHIA, the second city, and formerly the cap. of the U. States of N. America, state Pennsylvania, between the Delaware and Schuylkill, about 6 m. above their confluence, 80 m. S.W. New York, and 123 m. N. E. Washington; lat. (observatory) 39° 57' 9" N., long, 50° 10' 37" W. Pop. in 1850, 409,043. The city, which is about 4 m. in length N. to S., by about 2 m. in breadth, is divided into square compartments by wide and well-paved streets crossing each other at right angles. It is lighted with gas, and drained by sewers, which discharge themselves into the Delaware. It is also admirably supplied with water from the Schuylkill, by means of some very extensive dams and reservoirs erected at Fairmount, near the city, at an expense of 432,512 dollars. "There is a great art of neatness, and of almost peculiar cleanness about the city; but the extreme regularity of the streets is tiresome. The steps of the outer stairs of a great part of the houses are of white marble, and the tops of the outer railings of brass, and both, as well as the windows, are not only cleaned every morning, but made bright with a degree of care which in never before witnessed. The streets are very generally shaded with trees—a very desirable luxury in this hot climate." (Staart's America, i. 366.)

The public buildings, which are generally constructed of white marble, are among the most elegant in the U. States, a handsome edifice, with lonic porticoes, 62 ft. in length on each front; the Exchange, ornamented with Corinthian columns, and comprising a spacious hall and news-room, the post-office, &c.; the Girard Bank; Girard College, a noble structure, entirely surrounded with a colonnade of Corinthian columns; Masonic Hall, &c., are the buildings most remarkable for beauty; but the most interesting is the State-house, whence the Declaration of independen

July, 1776.

There are an immense number of churches and places There are an immense number of churches and places of public worship, including two synagogues: the U. States arsemal; the State penitentiary, ou the panopticon principle; the county prison, a massive granite building, in the castellated Gothic style, with upwards of 400 cells; and the debtors' prison demand notice. The Schuylkill is here crossed by two wooden bridges, one of which has an entire length of 1,130 ft.; the other is a single arch, and probably the widest existing, its span being 324 ft. Philadelphia is remarkable for the number and excellence of its benevolent institutions. On the bank of the Schuylkill is the alms house constitute of our distinct

ience of its benevolent institutions. On the bank of the Schujskill is the alms-house, consisting of four distinct ranges of building, comprising nearly 4,000 rooms. The Pennsylvania hospital, established in 1753, is one of the first institutions of the kind in the Union. The whole extent of the buildings from E. to W. is 278 ft.; and detached from the hospital is another building of 3 stories, extent of the buildings from E. to W. is 278 ft.; and detached from the bospital is another building of 3 stories, calculated to accommodate numerous patients. There are belonging to the hospital a valuable anatomical museum, and a library. In 1817, a handsome building was erected for the accommodation of West's painting of "Christ healing the Sick," which is a valuable source of income to the hospital. The U. States marine asylum, capable of accommodating 400 men; Willis' hospital; and the various institutions for the blind, the deaf and dumb, &c.; the Magdalen, and orphan asylums, &c., are established upon a most liberal scale. The academies and learned institutions are equally distinguished. The university of Pennsylvania, founded in 1785, occupies a large edifice originally built for the President of the U. States. It has faculties of arts, medicine, natural science, and law; with an attached junio academy and charity school. It has an excellent philosophical apparatus, and a considerable library. This university is chiefly distinguished as a medical school; in 1840 it had, in all, 555 students, of whom 444 were medical. There are here 2 other medical colleges, attended by about 2000 students. The Philadelphia library, which originated with Dr. Franklin, and was incorporated in 1749 accords as heavent edition for the property of the control of t dical. There are here 2 other medical colleges, attended by about 200 students. The Philadelphia library, which originated with Dr. Franklin, and was incorporated in 1742, occupies an elegant edifice, in front of which is a statue of Franklin in white marble. There are belonging to it a museum, a philosophical apparatus, and the Philadelphia library and the Loganian library, which, together, have about 22,000 vols. The American philosophical Society, established here in 1789, has a library of 9,000 vols. The Philadelphia Society for promoting Agriculture was instituted in 1785, and has a small library, a cabinet of minerals, and a repository for agricultural implements. The oldest seminary in Pennsylvania is that incorporated by William Penn, under the title of Friends' Public Schools. It has considerable funds, and aupports a number of achools, which give instruction in

the Latin and Greek languages, mathematics, and natural and experimental philosophy. The astronomical observatory in the city belongs to this institution; and it has an extensive philosophical apparatus. The Atheneum, incorporated in 1815, has a library of 5,000 vols., a cabinet of minerals and medals, and upon its tables are to be found the principal newspapers of the United States and Europe, and a numerous collection of American States and Europe, and a numerous collection of American and European magazines. The Academy of Natural Sciences has a good cabinet, and a library of 5,000 vols.; the Pennsylvania Historical Society, and the Frankin Institute, have both published valuable transactions. There are several good theatres and excellent market-houses: the markets are, perhaps, the best supplied of any in tha II States.

any in the U. States.

Philadelphia is distinguished as a manufacturing city, Philadelphia is distinguished as a manufacturing city, having shot, nall, cotton, paper, rope, glass, &c., manufactories, with numerous printing-offices, marble works, tanneries, broweries, distilleries, &c.; and is inferior only to N. York, N. Orleans, and Boston in the settent of its commerce. It has the advantage of a double port: that on the Schujklill, being the shallowest, is the grand dépôt for the vast quantities of coal brought from the interior; while the other, on the Delaware, having water sufficient to float the largest merchantmen close by the quays, is exclusively resorted to by the shipping engaged in foreign trade. The city communicates by numerous canals and railroads with the interior of Peansylvania and the states bordering on the Mississippi. The numerous canals and railroads with the interior of Pennsylvania and the states bordering on the Mississippi. The value of the imports from foreign countries may be estimated at from 10 to 13 million dollars a year; but the principal business of the port is its coasting trade with New York. Baltimore, Boston, and other American cities, which she supplies with various descriptions of manufactured goods, flour, and provisions. At an average from 200,000 to 280,000 barrels of flour are annually exported from the city; and it is also a great mart for the export of beef, butter, salt, &c. export of beef, butter, sait, &c. We subjoin —

An Account of the Value of the Imports into Philadelphia, and of the Duties accruing on the same in the under-mentioned Years.

Years.	Value of Imports.	Duties.		
1830	\$9,525,893	\$3,537,516		
1831	11,673,755	4.372.525		
1839	10,018,195	5,500,292		
1833	11,153,757	2,985,095		
1834	10,686,078	2,110,477		
1835	11,868,599	2,501,621		
1836	16,116,625	8,146,458		
1857	10,130,838	1,820,993		
1838	10,417,815	2,109,956		
1839	14,753,389	2,894,984		
1810	8,621,484	1,517,206		
1841	9.91×.598	1,993,681		
1812	6,201,177	1,812,842		
1843	4,916,535	1,437,837		
1844	8,410,864	2,981,573		
1845	7,491,497	2,370,515		
1846	8,308,615	2,604,063		
1847	12,145,937	2,904,748		
1848	1 - 1	2,762,093		
1849	10,645,500	-,,		

Account of the Exports of Flour and Corn from Philadelphia during each of the 8 Years ending with 1848.

Years.	Wheat Flour.	Rye Flour.	Corn Meal-	Wheat-	Corn.
1841	Bble. 195,555	BMs. 26,886	26/s. 106,822	Buchels. 56,571	Bushels.
1842	161,866	22,530 22,503	97,384 106,484	87,953 32,235	83,77
1844	196,433 901,956	21,904 17,098	101,356	23,375 86,098	110,069
1846 1817	420,684	19,730 20,407	141,857 300,581	245,136 523 538	1,102,210
1818	179,507	15,537	140,014	207,092	817.05

The shipping, as well as the trade of Philadelphia, has increased very rapidly. During the year ended 30th June, 1849, the aggregate burden of the vessels belonging to the port amounted to 188,087 tons. In 1849, the value of the native produce exported to foreign countries amounted to 4,850,872 doll. There were, in 1850, 47 banks and 5 branches in Pennsylvania, with an agg. cap. of 17,182,174 doll. Of these, about a third belong to the city.

of 17,182,174 doil. Of these, about a third belong to the city.

For municipal purposes, Philadelphia is divided into six wards, or districts, and is governed by a mayor, a recorder, 15 aldermen, and a select and common council, annually chosen by the citisens. The mayor's court has the same jurisdiction as the county courts of quarter sessions. The city sends seven r preentatives and two senators to the state legislature.

Philadelphia was founded by William Penn, in 1682. The first Congress of the Union was held here in 1774, and in 1776 the Declaration of independence issued from its press. It was occupied by the British in 1777 and 1778. It continued from the last-mentioned year down to 1800, to be the cap. of the Union. (Marray's Encyct.

account of the Quantities of Corn, Coal, Sait, &c., measured at Philadelphia in each of the 11 Years ending with 1848.

Years.	Wheat.	Malre-	Rye.	Harley.	Oats.	Sceds.	Beans.	Coal, Bit.	Salt.
1838 1859 1840 1811 1842 1843 1844 1846 1846 1847	Bunh, 319,515 449,980 770,885 467,770 484,354 526,667 792,509 983,925 947,398 785,694	Bush. 593,296 455,370 600,858 781,278 492,951 518,671 640,459 768,486 665,178 1,093,361	Bas 6. 163,045 115,935 135,891 51,371 56,334 68,013 95,427 85,357 30,879 75,979 46,000	Bush. 48,162 48,132 56,542 44,736 35,978 90,012 58,600 46,630 40,339 78,210 62,554	Bush, 272,104 502,474 298,475 167,508 194,908 572,715 875,578 577,677 550,942 369,171 547,735	Bush. 92,944 11,595 18,248 19,704 25,775 42,558 51,454 15,864 7,528 9,770	Bush. 1,401 527 608 3,040 1,616 1,580 1,402 5,950 5,895 676 459	Bush. 138,712 86,452 165,740 118,108 9,068 131,909 97,000 261,838 348,961 268,760 337,927	Bush. 356,407 291,568 257,145 526,132 151,250 174,134 217,815 146,451 257,465 246,458 200,174

'Geog., Amer. edit.; Encyc. Amer.; Sinart's Amer. (a, 5c.; Official Tables.)
PHILADRIPHIA SEE ALA-SHEHE.
PHILIPPINE ISLANDS, a group of islands of the attern Archipelago, principally included in its 5th divion, forming. Cube accepted, the most valuable colonial section still belonging to Spain, between the 5th and the deg. N. lat, and the 117th and 124th deg. E. long, tring N. the Balintang channel, which divides it from Estrate and Basher islands; E. the Pacific Ocean; the Stratt of Basilan, separating it from the Sooloo rchipelago to the E. of Borneo; and W. the Chinese a. Aggregate area (according to Berghaus), including ilawan, 134,115 sq. m. Of these islands, ten are large, there are of very inferior size, their extent and pop., 1837 (from an official return), being respectively as lows:—

Islands and Previnces.	A rea in sq.m.	Pop. in 1837.
uzon (18 provs.) Mindoro Panay (3 provs.) Jala de Negros Zebre Layte Samar Namar Jardane (9 provs.)	86,604 4,155 4,516 8,774 2,162 4,195 5,470 1,215 7,558 85,6377	2,264,907 29,632 406,030 35,622 250,817 92,165 99,635 2,310 11,197* 74,560*
natier islands, including the Islandie Calamianes	8,826	15,000?
Total of 30 provs	134,115	3,500,000?

e islands of Palawan and Magindamao, however, are very imperfectly known, portions of them being ysubject to the colonial government of Manilla, the being governed by chiefs of native tribes. It was a street of these islands, and that also ch is best known to Europeans, is of extremely irrear shape, but may be described as a long and narrow nd, running N. and S., with a peninsula (called Caines) stretching out at its S.R. side, its length from the Cabicunga northward, to Point Calaan southed, being about 450 m. and its breadth ranging from to nearly 140 m. The coast generally is rocky, indented with numerous bays and guils; on the ide is the Seno de Lamon, a deep narrow inlet, ly separating the peniusula of Camarines from the of the island, and on the W. side are the gulph lingayen, the bay of Manilla, the Ensenada de Ban, and the Seno de Ragay. A large portion of surface is covered with mountains; and N. of illa the chains are divided by the Cagayan, the set river of the island, into two nearly parallel es, called Sierra Madra and Sierra de los Caras, that terminate respectively in the Points Cabica and St. Vincent, the extreme N. points of the est river of the island, into two nearly parallel es, called Sierra Madra and Sierra de los Carass, that terminate respectively in the Points Cabica and St. Vincent, the extreme N. points of the d The latter range is the most elevated; but even ighest peaks do not rise more than 6,000 ft. above es. S. of Manilla the chain may be traced into the sula of Camarines, a large portion of which it rs, and finally terminates in the Punta Calann, plain of Pampanza N. of the city of Manilla, exnorthward nearly as far as the gulph of Lingayen, which it is separated by a ridge of rather lofty; it is about 90 m. in length by about 30 m. in th, and being watered by a ridge of rather lofty; it is about 90 m. in length by about 30 m. in the number of Manilla, is extremely fertile, and is covered plantations, and densely peopled. (Berghaus, Mezur Erkkärung der Karte von den Philippinen n. p. 16.) S. of Manilla is the Laguna de Bahla, 20 m. in length and 10 m. in breadth, the waters ich are conveyed into the Bay of Manilla by a wide retty deep stream, the Pasig, flowing through the A few miles further S. is the Laguna de Taal, communicates with the Seconda de Balayan, by the but deep river Bonbon; it is aearly circular, being 11 m. in diameter, and contains the island of Taal, ich is a volcano, with two active craters. About E. is another volcano; and more to the S. in the

in in Giameter, and contains the island of Dat, ich is a volcano, with two active craters. About E. is another volcano; and more to the S., in the sula of Camarines, are ten volcanoes, one of which equent eruptions: in fact, throughout Luzon and

is estimate includes only the Spanish portion of these islands.

most of the Philippines, the igneous formations have been found in constant connexion with the primitive rocks, and there can be no doubt that they form a part of the great volcanic band extending from Kamtschaiks, through Japan and Formosa into Borneo, Java, and Sumatra. Gold, Iron, and copper, have been found in

of the great voicanic band extending from Kamischalka, through Japan and Formosa into Borneo, Java, and Sumarra. Gold, fron, and copper, have been found in the mountains of Luxon, and rock-salt is so abundant in some parts as to be an article of export. Luxon is separated from Mindero by the strait of that name, about 5 m. brond, and from Sam-r by the Embocadero de San Bernardino, the common passage for vessels navigating the Pacific on their way to China.

The Blasyan group, which lies S.W. and S. of the great Island last mentioned, comprises about eight or nine considerable islands, the nost westerly of which is Mindero, and that most eastward Samar. With the exception of Panar, which is triangular, these islands are generally long and narrow; Mindero, Negros, Samar and Masbate, are very mountainous, and only mederately productive; but Panay and Zebre contain much good level land, and are, on the whole, the most important islands of the Philippine group. The Palawan, the extreme W island of the Philippines, extends from N.E. to S.W. about 250 m., with a breadth of not more than 1-10th its length: it is reported to be extremely mountainous; but the greater part is inhabited by savages, and it has been little visited by Ruropeans. (Rerghæs, p. 65.) A small portion only a tits N. extremity belongs to Spain.

Magindanao, or Mindanao, the largest of the Philippine islands after Luson, is of very irregular shape, having a peninaula stretching 180 m. from the main part of the island: length from N. to S. about 320 m. varerage breadth, exclusive of the peninaula, 95 m. Dampier and Forest are the principal authorities from whom we derive any knowledge of this still imperfectly known island. In the interior, near the Bay of Illano, is a considerable lake, which, according to Forest, is between 15 and 20 m. in width. The E. coast is mountainous, and numberless bills occur in the W. and S. districts, which are generally well-covered with timber: large tracts, however, are found in some parts quite leastitute of trees, an

large tracts, however, are found in some parts quite destitute of trees, and covered, like the savanuais of America, with long, rank grass. So large an island must necessarily have large rivers; but only 2 of them are known, one on the N. side. flowing into the Bay of Button, and another called the Polycome another called the polycome and another called the polycome another called th

must necessarily have large rivers; but only 2 of them are known, one on the N. side, flowing into the Bay of Butnan, and another, called the Pelangy, flowing westward into the Bay of Iliano, opposite the island of Bunwrit. The Spanish settlements, chiefly on the N. side, form 2 provinces in the capitanata of the Philippines. The interior is inhabited by Horaforas, who are treated as slaves by the Malays occupying all the S. coast; they acknowledge the supremacy of a native sultan.

The climate of the Philippines, owing to their extent, is more variable than in the other groups of islands lying so near the equator. In and about Manilla, the district issuily visited by Europeans, the mean temperature of the hot season (from August to October) may average about 82%, and that of the cold season, usually preceding the rains, about 70° Fah. The year, as in other tropical countries, is divided into a wet and dry season, here depending on the monsoons: the former lasts from May till the commencement of November, and the latter during the rest of the year. In the S.W. monsoon immense quantities of water falls, and the rain frequently lasts for 12 or 14 days without intermission. A large part of Luzon is within the region of the *U. phoons*, which are as formidable as the tornados of the W. Indies: they last from May to December, but seldom continue more than 6 or 8 hours at a time. In Luxon (with which we are from May to December, but seldom continue more than 6 or 8 hours at a time. In Luson (with which we are better acquainted than the rest of the group), the inhabs. suffer from agues and dysentery, in consequence of the great extent of marshy and low grounds inundated during the rainy mouths, and exhaling pestilential vapours during the rest of the year. (Meyen, Reise um die Erde, ii. 281.)

The agricultural products of the Philippine islands in-The agricultural privaters of the rininpine islands include rice, millet, and malse; augar, indigo, hemp, to-bacco, coffee, and cotton; with a great variety of other articles of inferior importance; but with the modes of culture we are little acquainted, though, according to Moor (Malayan Archip., p. 81.), the Chinese implements are pretty generally used in husbandry. Rice is the chief support of the pop., and hence is raised in large quantities throughout the group, the marshy nature of the country in many parts being favourable to its cultivation. In other districts, however, upland rice is cultivated. The sugar-cane is raised on the great plain of Pampanga and in the island of Pany: the mode of extracting the sugar is defective, but the sugar is excellent; its culture is also rapidly extending, and it now forms by far the most important article of export from the Philippines. Tobacco grows well, and might be produced on a very extensive scale; but its growth is limited, from the manufacture of cigars, in which form alone tobacco is exported, being a government monopoly. Indigo, also, is pretty extensively cultivated, but is inferior in quality to that of Bengal. Sapan wood constitutes the chief timber of the hilly districts, and is exported in large quantities to China. The coffee-plant was introduced by the Spaniards at the close of the last century, and disabuses them of the prejudices of which they have been so long the slaves. In 1837, among other articles exported from Manilla, and expect its cultivated. Bengal and in the island of Pany: the mode of export from the Philippines. Tobacco grows well, and might be produced on a very extensively cultivated, but is inferior in quality and the W. side of Luson, though not in the other indicated by the produced of the islands, and hemp is produced the produced of the islands century, and disabuses them of the which they have been so long the slaves. In 1837, among other articles exported from Manilla, and vere 222,183 piculs (about 13,260 tons) sugar; 19,457 pic. hemp; 126,003 coyang rice; 4,598 boxes cigars, with the user 222,183 piculs (about 13,260 tons) sugar; 19,457 pic. hemp; 126,003 coyang rice; 4,598 boxes cigars, with when they have the produced or the conting of exported middle, and the produced or the sugar is defective, but it is in favor the produced or the sugar is are raised very abundantly and with little labour. The other fruit-frees are few in number and of very indifferent quality. The mountains produce excellent timber for building both houses and ships; and the bamboos, used in the construction of the houses of the Malaya, are very long, some being as thick as a man's thigh. The fauna of the Philippines comprises buffaloes of uncommon size and strength, a small, but hardy, breed of horses, introduced by the Spanlards, goats, pigs, and a few sheep, with immense numbers of ducks and fowis both wild and domestic. Land-tortoises are plentiful in most of the islands, and their shells constitute an important article among the exports. There are no beasts of prey: but islands, and their shells constitute an important article among the exports. There are no beasts of prey; but caymans are found in most of the rivers and lakes, and are particularly numerous in the Laguna de Bahia. Among the birds may be noticed the swallows which supply the edible nests. Fish abound on the coasts, and the native fishermen are equally expert with the other islanders of the E. Archipelago. Pearl-oysters also are found in large quantities, and the shells are exported to China. The sea-slug, or kolothwis, is also an important article of commerce. article of commerce.

article of commerce.

Massifactures are of very little importance. The plaiting of straw and chips of wood into hats, cigar-cases and
matting is carried on pretty extensively, and the hats are
highly prized by the Spaniards. Domestic weaving occupies most of the females; and cotton cloth was till
recently an article of export to Mexico. Considerable
quantitles of earthenware are made in Luxon, but of
very inferior quality to that of China. The manufacture of cigars is a government monopoly; and, according to Meyes, il. 211., the royal manufactory at Manilia
employs about 2,000 persons, two-thirds of whom are
females.

employs about 2,000 persons, two-thirds of whom are females.

Commerce.—Considering the great fertility and varied productions of the Philippines, and their peculiarly favourable situation for carrying on commerce, the limited extent of their trade, even with its late increase, may excite surprise. This, however, is entirely a consequence of the wretched policy of the Spanish government, which persevered until very recently in excluding all foreign ships from the ports of the Philippines, confining the trade between them and Mexico and South America to a single ship! Even ships and settlers from China were excluded. "Provisions," says La Pérouse, "of all kinds are in the greatest abundance here, and extremely cheap; but clothing, European hardware, and furniture, bear an excessively high price. The want of competition, together with prohibitions and restraints of every kind laid on commerce, render the productions and merchandise of India and China at least as dear as Europe!" Happily, however, this miserable policy, the effects of which have been admirably depicted by M. de la Pérouse, has been materially modified within the last few years. The events of the late war destroyed for ever the old colonial system of Span; and the ships of all nations are now freely admitted into Manilla and the other ports in the Philippines. An unprecedented stimulus has, in consequence, been given to all sorts of industry; and its progress will, no doubt, become more rapid, according as a wider experience and acquaintance with foreigners makes the

been converted to the Catholic faith, which, indeed, is the common bond between them and their new masters and the principal means by which the latter have so long been able to maintain their ascendancy. The natives are said to be the most active, bold, and energetic of any belonging to the E. Archipelago. "These people, says M. de la Pérouse, "appear in no respect inferior to those of Europe. They cultivate the earth like men of understanding; are carpenters, joiners, smiths, gold-smiths, weavers, masons, &c. I have walked through their villages, and found them kind, hospitable, and communicative; and though the Spaniards speak of them and treat them with contempt, I perceived that the vices with which they are charged, ought rather to be imputed to the colonial government." (Voyage, chap. 15.) The people here described, however, are the Malays, who have pretty generally acknowledged the supremacy of the Spaniards, by whom they are treated as free subjusts, who chiefly occupy the higher parts of the country and less frequented islands, are miserable savages, incapable of civilisation, and avoiding all communication with foreigners. The rest of the population comprises European and Creole Spaniards, Spanish and Indian mesticos, Mohammedans from the E. Indies, and Chience. The Spaniards, however, do not, perhaps, exceed 4,000 or 5,000.

The scat of government is at Manilla, the residence of

mestixos, Mohammedans from the E. Indies, and Chinese. The Spaniards, however, do not, perhaps, exceed 4,000 or 5,000.

The seat of government is at Manilla, the residence of the captain-general of the Philippines; but there are lieutenant-governors in the most important of the other islands, and alcaldes in each of the provs., which also are subdivided into puchlos, having their separate intendants. The revenues of the Philippines are principally derived from ad valorem duties on imports and exports, and from a capitation tax, and the tobacco monopoly. Foreign commodities, imported in foreign vessels, pay 14 per cent., and in national vessels from 7 to 9 per cent.; but there are some exceptions, and wines of all sorts, except Champagne, pay from 40 to 50 per cent., according as they are brought in native or foreign bottoms. Spanish products, imported by Spanish vessels, pay 3, and, by foreign ships. Tobacco, however, and hempen rope, made at Manilla, may be sported free of duty. Spaniards may export rice free of duty. Spaniards may export rice free of duty, and the instance of the continuary
The Philippines were discovered by Magellan in 1521, but were not claimed by the Spanish till 1565, soon after which Manilla was constituted the cap. of their posses-

in this part of the world. The islands received present appellation in honour of Philip II. when of Spain. The Dutch and Chinese tried to make ments here in the 17th century, though without as, owing to the determined and jealous opposition e Spaniards. In 1762, Manilla was taken by the ish, who gave it back to Spain in 1764; since which have held it without interruption. The govern-however, is inefficient and unable to protect the lers from the ravagues of the Socioc and other piwho capture vessels, plunder villages, massacre or the Inhabs., and commit other enormities with nity. (Bergheus's Asien; Meyen, ii. 310-264.; 's Maloyan Archipelago, p. 76-85.; Mawer's Isist of the Philipp. Islands; Hamilton's Gaz.)

**Alchan Archipelago, p. 76-85.; Mawer's Islast of the Philipp. Islands; Hamilton's Gaz.)

**Alchan Archipelago, p. 76-85.; Mawer's Islast, alt. 45° 2° 44", long. 90 40° 32". Pop., 30,000. of an oblong form, surrounded with ramparts, partly converted into public promenades, and ded by a citadel garrisoned by Austrian troops. rects are wide and regular, especially the principal, the Strastone, which is one of the handsomest in but they are duil and deserted. The houses are of brick. The principal square is mostly sureled with old and mean buildings, but includes the house, with the prison, an antique structure, with othic tracery-work; the governor's pelace, an old ing, with new front, raised by the French; and a church: in the centre of the square are the bronserian statues of Alexander Faruses and his son. Faruses palace, an unfinished edifice of singular ecture, designed by Vignola, is now converted into rack; its walls were formerly adorned with the of Raphael, Correggio, Parmegiano, &c. but these mostly removed when the last Duke of Parma ed his brick palace of Placents for the throne of s. Placensa abounds with churches. The cathes a heavy-looking building of the 12th century; a cupola is ornamented with fine frescoes by Guernof Francachini; and it has an altar-piece of high by Procraccino, with othe

oldi ; Cramer' il 18—23., &c.)

ii. 18—23., &c.)
ZZA, a town of Sicily, near its centre, intend. of isetta, 18 m. R.S.E. city of that name. Pop. in 13,229. It is built upon an isolated eminence is nothing remarkable in its buildings; but it is d for the richness of its territory, and the great of the contiguous country. The chiese medre.

on or the rienness of its territory, and the great of the contiguous country. The chiesa madre, church, several couvents, and a college, are the al edifices. It is a bishop's see; but, from the strention paid to it by classical writers, and the sof any vestige of antiquity, it was evidently at no great consequence in early times. (Hoare, C. Classical Towr, ii. 238, 264.)

ARD Y, one of the former provs. of France, now ded among the deps. Alane, Somme, Pas-de-Ardennes, and Oise.

KBRING, a market-town and par, of England, ng co. York, W. div. of wap, Pickering-Lythe, S. side of the Egton Moors, 18 m. S.W. Whitby, m. N. E. York. Area of par., including 5 towns. 27,760 acres: pop. of township in 1841, 3,892. The ituated on a gentle eminence near a small tributhe Derwent, is old and straggling. Near its W. ity are the ruins of a castle, in which Richard II. nöned after his deposition, and prior to his final it to Pontefract. The church is a fine old building, L. II.

PISA.

with a lofty spire: the living is a vicarage in the gift of the Dean of York. The Wesleyan-Methodists, Independents, and other dissenters, have their respective places of worship; and there are various Sunday schools and a well-endowed charity school for 180 children of both sexes. The town sent 2 mems, to the H. of C. in 25 Edw. I.; but the privilege was discontinued in the same reign, and has not been restored. It belongs to the duchy of Lancaster, and comprises in its jurisdiction several neighbouring villages, the whole forming what is called "the Honour of Pickering." A railway, 24 m. in length, connects this town with Whitty. A manor-court is held here at Easter and Michaelmas, for the recovery of debts under 40s., and petty sessions are held on alternate Mondays. Markets on Monday; fairs the Mondays before Feb. 14s, July 6s, and Oct. 11s, chiefly for cattle.

for cattle.

FIRD MONT, a country of N. Italy, composing the Principal portion of the continental dom. of the kingd. of Sardinia. (See Sardinia, Kingdom or.)

FIERRE (ST.) See Manningue.

FILLAU, a sea-port town of the Prussian States, prov. E. Prussia, at the point of a tongue of land, on the N. side of the opening from the Baltic into the large maritime inlet, called the Friesch Half. Pop. 3,600. Pillau has a pretty good port, but the water is rather shallow, not exceeding il or 12 ft. in depth, so that vessels of large burden must anchor outside the bar. A lightnouse, having the lantern elevated 90 ft. above the level of the sea, has been erected on the S. side of the town, contiguous to the port, lat. 54° 38° 4" N., long. 19° 54° E. Fillau is properly the sea-port of Konigsherg and Elbing, and is, in consequence, largely frequented by shipping.

R. Fillau is properly the sea-port of Konigsberg and Bibing, and is, in consequence, largely frequented by shipping, and is, in consequence, largely frequented by shipping. PILSEN, a town of Bohemia, cap. circ. Pilsen, on the Beraun, a tributary of the Eibe. 53 m. S.W. by W. Prague. Pop., in 1845, 9.798. It is one of the best built towns in the kingdom, and has a fine Gothic par. church, and town-hall, a gymnasium, military and other schools, a theatre, &c. Its manufactures of woollen goods are flourishing, and it has others of Morocco leather, iron and horn wares, and alum. B-ing on the high route from Prague to S. and Central Germany, it has a considerable transit trade; and a large annual fair is also held in Pilsen. attended by traders from every part of Bohemia. (Austr. Not. Enegge.; Berghaus.)

PINEROLO (Fr. Pignerol), a town of the Sardinian dom. in Piedmont, divis. Turin, cap. prov., on the Clusione, near the foot of the Alps, 21 m. S.W. Turin. Pop. in 1838, 13.501. It was formerly a place of strength; but on its cession to Savoy in 1713, its for stifications were blown up by the French; and at present it is surrounded only by a slight wall. It is neither regularly nor well built, but contains a spaceous place of arms, with a handsome hospital and cavalry barracks. It has a fine cathedral, and numerous convents. The manufactures comprise coarse woollens, silk, twist, paper, and leather; and the inhabs, have a considerable trade in these articles, and in corn, wine, spirits, and fire-wood.

PISA (un. Pisa), a famous city of Central Italy, the

paper, and leather; and the inhabs, have a considerable trade in these articles, and in corn, wine, spirits, and fire-wood.

PISA (an. Pixe), a famous city of Central Italy, the cap, of one of its most celebrated republi. a and now the cap, of one of its own name in the grand duchy of Tuscany, in a fertile, though rather marshy, plain on the Arno, about 8 m. from its mouth, 13 m. N. N. E. Leghorn, 50 m. W. Florence, and 12 m. S. W. Lucca; lat. 45° 43° 11" N., long, 10° 24° E. The pop., which, in the 13th century, was estimated, though probably far beyond the mark, at 150,000, was, in 1946, only 22,000! The walls of the city are nearly 6 m. in circuit. In the days of its prosperity it was celebrated for the strength of its fortifications, its patrician towers, its profusion of marble, and its great city." (*Iddison.*) Its ancient gravity has degenated into duliness; its towers, however, though no longer a mark of nobility, may be traced in its modernised houses; and it can still boast of many marble edifices, and of one of the finest marble bridges in Europe. Its streats, though crooked, are wide, and paved, as in Florence, with large flag stones; the river is embanked with stone quays; and a street, the *Leng-driso*, which extends along both its banks, has a most majestic appearance. Some of the houses have curious old fronts, and one street is wholly bordered with arcades. In a large grass-grown quare, at the N. angle of the city, are 4 remarkable buildings — the cathedral, baptistery, leaning tower, and *Compo Sessoe; "all," says Forsyth, "built of the same marble, all varieties of the same architecture, all venerable with years, and fortunate both in their society and their solitude." The cathedral is an edifice of the same marble, all varieties of the same architecture, all venerable with years, and fortunate both in their society and their solitude." The cathedral is an edifice of the same marble, all varieties of the same architecture; and 4 plers support an elliptical cupola. There are some beautiful al

in relief by John of Bologna, and many fine paintings and bas-reliefs by some of the first Italian masters. But incongruities are numerous: "The marble pulpit is sup-ported by a naked figure of most gross design; Baccha-nais and Meleager's hunt are encrusted on the walls; an ancient statue of Mars is worshipped under the name of St. Potitus; and the heads of satyrs are carved on a car-dinal's tomb !" (Forsyth.) Among the 80 other churches are many which can boast of rare works of art. The bapdinal's tomb!" (Forsyth.) Among the 80 other churches are many which can boast of rare works of art. The baptistery, opposite the cathedral, was built between 1152 and 1154, when Pisa was so populous and rich, that a voluntary contribution of one florin from each family is said to have sufficed to pay for its erection. This building is an immense polygon, above 180 feet in diameter and 176 in height, surmounted by a cupola and a cone terminated by a figure of St. John the Baptist. Nearly the whole of the exterior is of marble, and the interior is handsome; but, according to Mr. Woods, the building wants finish, and is not altogether well proportioned. The famous Campanile, or Leaning Tower, is an edifice of little actual beauty, but rendered extraordinary by its inclination from the perpendicular. It was begun about 1174, but not finished till the middle of the 14th century: it consists of 2 concentric walls, each 2 ft. thick, the diameter of the circular well in the centre being 22 ft.: it is 8 stories, or 190 ft., in height, with outside galleries projecting 7 ft. The topmost story overhangs the base on one side about 15 ft.; and to a spectatior looking down from the top, the effect is terrific; though, as the centre of gravity is still 10 ft. within the base, it is perfectly safe. The view from the summit is alike extensive and beautiful. It has been supposed by some that the inclination is not accidental, but intentional, and that it was so constructed originally; but the more probable opinion seems to be, that it is a consequence of the sinking of the foundation. The observatory and baptistery have also a slight inclination, which is, no doubt, owing to the same cause.

that it is a consequence of the sinking of the foundation. The observatory and baptistery have also a slight inclination, which is, no doubt, owing to the same cause. The campo satio, or cemetery, is the most beautiful edifice at Pisa, and unique in its kind. It is an oblong or rhomboldal court, 383 ft. in length, by 137 ft. in breadth, surrounded by arcades of white marble, adorned with ancient Etruscan, Greek, and Roman bas-reliefs, busts, and other sculptures; and the walls covered with fresco-paintings, &c. by the earliest Italian masters. In its centre is an enormous mound of earth, said to have been brought thither from Palestine during the crusades, and formerly used as a burial ground. Plas has a grand ducal residence, and several other palaces, which, with the nobility's club-house and bank, are fine buildings: the 3 bridges are handsome; and the hospitals, theatre, modern aqueduct 4 m. in length, &c., are well adapted to their purposes. Various remains of antiquity exists, as those of the aqueduct of Caldacolli, of the Appocausting, &c. supposed to have been constructed by Nero, as those of the aqueduct of Caldacolli, of the hypocauseum, &c., supposed to have been constructed by Nero, but especially a sudacrium, or vapour-bath, near the Lucca gate. About 3½ m. distant, on the Lucca road, are the Bagni de Pisa, supposed to be the baths mentioned by Strabo and Pilny, and still frequented by numerous visiters.

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numerous visiters.

Pisa has a university, formerly among the most celebrated in Italy, and remarkable for its tolerance; its degrees, except in divinity and canon law, being attainable by persons of all creeds. It is still the head university of Tuscany; and, in 1836, had 545 students, 255 in jurisprudence, 173 in medicine and surgery, 39 in physical and mathematical sciences, and 26 in theology. Its library comprises 55,000 voia; and attached to it are the Ferdinand College, a fine botanic garden, cabinet of natural history, chemical laboratory, and observatory. This university was one of the first to revive the study of the civil law; though there he no good foundation natural history, chemical laboratory, and observatory. This university was one of the first to revive the study of the civil law; though there be no good foundation for the common story that this revival was a consequence of the Pisans having found a copy of the Pandects among the spoils of Amalphi, sacked by them in 146. The university has had many illustrious names in the roll of her professors, including, among others, Gallieo, Torricelli, Redi, Malpighi, Thomas Dempster, Borelli, Castalli, Gronovius, &c. Bealdes the university, Pisans an episcopal seminary, with about 80 students, several conventual female schools, normal and Lancastrian schools, &c.; and is an archbishop's see. Its masuactures, which are unimportant, consist chiefly of scap, white lead, vitriol, glass, and a few other articles; and its trade has sunk in proportion to the rise of that of Leghorn. The city is connected by navigable canals both with Leghorn and the Sarchlo; but it is a curious fact that no vestige can now be found of its ancient port or roadstead at the mouth of the river, though, in the 13th century, it accommodated large feets. This singular result is supposed to have been brought about by a change in the course and embouchure of the Arno. Pisa derives some advantage from its being the winter resort of the grand duke and of the Tuscan court, as well as of numerous invalids, attracted thither by the mildness of the climato. On the shore near the city, amidst an extensive forest of islex, is a farm belonging to the grand duke, where a number of camels

have been reared, it is said, from the time of the erusades; and whence most of the zoological collections in Europe are supplied with these animals.

Morals seem to be at a lower ebb in this, than even in most other Italian cities. According to Simond, idleness, ignorance, and profligacy, form the general character of the inhab. Every day one hears disgusting stories of meanness and dirty artifice in every transaction of life. Foreigners cannot hire a house, or make a bargain of any sort, without being cheated. Most of the ladies have their capalier's servicent. their cavalieri servienti.

Most writers attribute the foundation of this city to clonists from Pisa in the Peloponnesus soon after the Troian war.

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Alphem ab origine Pisse
Usha Etrusca solo."

Eneid, lib. z. v. 179.

Urbs Erusce solo."

Reviel, lib. z. v. 179.

It became a Roman colony, and its port was, in the time of Strabo, an important naval station. It did not, however, attain to any great distinction till the 10th century, when it took the lead among the commercial republics of Italy. In the 11th century, its fleet of galleys maintained a superiority in the Mediterranean, commanding the coasts of Sicily, Sardinia, Corsica, and Barbary, and sassisting the French in the crusseds. But in the 12th century, a struggle commenced with Genoa, which, after many vicinstitudes, ended in the total ruin of the Pisans. The latter were defeated near the Island of Meloria, in 1284, in a great naval engagement by the Genoese, with the loss of the greater part of their fleet, and above 16,000 men killed and taken prisoners. Pisa subsequently became the prey of various petty tyrants, subsequently became the prey of various petty tyrants, and was finally united to Florence in 1406.

and was finally united to Florence in 1406.

Galileo, so celebrated for his discoveries in astronomy and natural philosophy, and for the persecution to which they exposed him, was a native of Pisa. He was born here on the 16th February, 1564. (Eustace, ill. 440—461.; Wood's Letters of an Architect, il. 383—388. : Matthews; Williams; Forsyth; Conder's Italy, iii. 1—20.)

PISTOJA (an. Pistoria), a city of Central Italy, grand duchy of Tuscany, prov. Florence, on the Ombrone, a tributary of the Arno, at the foot of the Apennines, 20 m. N.W. Florence. Pop. in 1845, 12,387. It is between 2 and 3 m. in circuit; is surrounded by old walls said to have been originally constructed by Desiderus, the last of the Lombard kings, and is further defended by a citadel built in 1252. It is clean, handsome, and well built, with unusually broad streets, and many carlous and splendid edifices; but, like many other Italian towns, is duil, monotonous, and silent. Its cathedral is in the same style of architecture as that of Pisa and that e same style of architecture as that of Pisa and that of Lucca, but inferior to either; it has, however, some interesting monuments. The baptistery, constructed by Andrea Planon, in 1337, is a small and handsome octa-gonal Gothic edifice. Several of the inferior churches are remarkable for their style of architecture or works of art; and the court-house is a fine old building. In-stead of the suppressed Jesuits' college, there is a semi-nary for priests; and a large hospital is kept in good order.

order.

Pistoja has a well-supplied market, a museum, two
small public libraries, a large theatre, assembly rooms,
and a race-ground. Provisions are cheap and good; the
climate is cool and healthy; and the city is the residence
of many noble and respectable families. The manufactures, which are on a small scale, include silk twist,
straw bats, paper, musket barrela, cutlery, nails, irom
wire, &c.; and near the city are some tolerably extensive
limaturely.

wire, ac.; and hear the city are some tolerably extensive from works.

Pistoja is with Prato a bishop's see, and has an epis-copal college, a superior private lyceum, with normal, giris', Lancastrian, and various inferior schools. In the middle ages it was the cap. of a republic, which became subject to Florence about the same time with Pisa. (Rampoldi : Bourring's Report ; Conder's Italy.)

PITCAIRN'S ISLAND. See Pournama.

PITTENWEEM, a royal and pari bor, and seaport of Scotiand, co. Fife, on the N. shores of the Frith of Forth, 25 m. N.E. by N. Edinburgh. Pop. in 1841, 1309. It was created a bor. in 1837, and bears the marks of antiquity and decay. In addition to the parish church, the Episcopalians and the Relief Synod bave each a chapel. Pittenweem has a small harbour; but the only business connected with it is that of fishing to a limited extent. Here are the remains of a monastery of Augustine Friara. Dr. Douglas, Bishop of Salisbury,

"The scourge of impostors, the sterms of quacks,"

" The scourge of impostors, the terror of quacks,"

was born here in 1721.

was born here in 1721.

Pittenweem unites with St. Andrew's, the two Anstruthers, Crail, Cupar, and Kilrenny, in sending 1 mem. to the H. of C. Registered electors in this bor. in 1849-50, 44. Corporation revenue, 1848-9, 6697. Number of councillors, 24.

PITTSBURG, a city of the U. States of N. America, state Pennsylvania, whose extensive iron-works have made it be called the Birmingham of America, on

a triangular piece of land between the Alleghany and Monongahela, where those rivers meet to form the Ohio, 254 m. W. by N. Philadelphia, and 258 m. N. E. Cincianati. Pop. of Pittsburg proper, in 1840, 21,396; but if we include the town of Alleghany, N. of the river of that name, the rising bor. of Birmingham, S. of the Monogahela, and other suburbs, the pop. in 1850 probably exceeds 60,000. The city is of a triangular shape, compactly and in some parts handsomely built, though the imoke of the different works has given to the houses a blackened and rather cloomy angestance: water is supblackened and rather gloomy appearance: water is sup-plied from the Alleghany by means of a powerful steam-engine. The public buildings include numerous churches, an exchange, mansion-house, state pentitentiary, distrent banking establishments, the western university of Pennbanking establishments, the western unversity of remi-sylvania, the Alleghany arsenal, (occupying, with its magazines, barracks, &c., an area of 31 acres,) and buildings belonging to the Pittsburg high school, two heological academies, and a public library. Pittsburg is admirably situated for manufactures and commerce: it has an all but unlimited command of inland

heological academies, and a public library.

Pittaburg is admirably attuated for manufactures and commerce: it has an all but unlimited command of inland avigation, and is connected not only with New Orleans and the various ports on the Mississippi, and its tributary itreams, but also, by means of canals and rallways, with the Great Lakes, and with Philadelphia, and other parts in the E. coast of the Union. (See Pennsylvania.) And in addition to its advantageous geographical position, it is as the command of inexhaustible supplies of coal and ron. In consequence it has become a principal seat of American manufactures, especially of those of hardware indigense. There were, in [848, 11 rolling mills in Pittsburg, with a great many founderies, consuming about '5,000 tona a year of pig iron produced in the vicinity. Here, also, are very extensive glass works, with works or the production of steam-engines and other descriptions of machinery, cotton factories, nall works, earthenware works, &c. Though Pittsburg be above 2,000 m. from he sea, ship-building, especially of steamers for the avigation of the Ohlo, Mississippi, and their connected treams, is carried on upon a very large scale; and most art of the machinery used in the steamers built at New Drieans, and other ports in the valley of the Mississippi, a produced here. It may, also, be truly affirmed, that, towithstanding their rapid increase, the manufactures and commerce of Pittsburg are yet only in their infancy; and that they must necessarily continue to increase with he increasing wealth and population of the vast councies of which she is a principal workshop and emporium. I 1838, the aggregate burden of the steamers, belonging of Pittsburg, amounted to 11,865 tons; but such has been increase in the interval that it amounted on the 30th une, 1860, to 26,771 tons; and this despite the competition of Cincinnati, and other places on the Ohlo. The habs, who are a mixture of all nations, Germans, rish, Rnglish, Scotch, Franch. &c., are industrious, in principal navigation, and is connected not only with New Orleans

PLAIA, LA, (KEPUBLIC OF). 518
Lord (then Colonel) Clive, on the 23d of June, 1787, over
Suraja Dowla, soubahdar of Bengal. Clive's army consisted of only 900 Europeans, 2,100 Sepoys, and 100
Topasses; yet, with this small force, he did not hesitate
to attack the soubahdar's army, of 50,000 foot, and 18,000
horse, supported by a formidable train of artillery! This,
however, was not so Quixotic a proceeding as it may at
first sight appear; for Clive knew that the native troops
had no confidence in their general, and, in fact, they
instantly gave way, so that the victory was at once complete, and easily won. The result of this context three
Bengal into the hands of the English, and laid the
foundations of our empire in India. (Mill's India, ill.
188.)

PLATA, LA, (REPUBLIC OF), or ARGENTINE REPUBLIC, an independent state, or rather confederation of states, in S. America, extending between the 23d and 41st degr. of S. lat. and the 54th and 73d of W. long., having N. Bolivia; E. Paraguay, Brazil, and the Banda Oriental, from all which it is separated by the Paraguay, Parama, and Uruguay rivers; S. the Atlantic Ocean and Patagonia; and W. Chill and Bolivia. Sir Woodbine Parish gives the following estimate of the area, population, and subdivisions of this territory:—

Provinces.	Area in eq. m.	Estim. Pop.	Chief Towns.
Bisenco Ayres Senta Fé Estre Rice Cordova Sentiago Tucuman Selfa Catamarca La Rieja Sen Luis Mendoza Sen Juan	725,000	50,000 — 60,000 30,000 — 35,000 18,000 — 20,000 20,000 — 25,000 35,000 — 40,000	Sapin Pé Parana Corrientes Cordova Samiago Tueuman Salta Catamarca
Total -	785,000	600,000 to 675,000	

Inasmuch, however, as the pop. of the city of Buenos Ayres may itself be estimated at about 100,000, we are inclined to think that this estimate is under the mark, and that the pop may be set down at about a million. It has sometimes, indeed, been estimated at two millions and upwards; but there can be no doubt that this is very far beyond the mark. The Indians, who are not included in any of the above estimates, are, probably, under 50,000.

under 50,000.

On the W. this territory is bounded by the great Cordillera of the Andes; and the N.W. prov. of Salta is almost wholly mountainous, as are extensive portions of the adjacent provs. of Catamarca and Tucuman. Some points of the Despohado chain in Salta rise probably to the height of 13,000 ft.; and in Cordova are isolated chains, which any where but in the neighbourhood of the Andes would be called mountains. Still, however, after allowing for these and other deductions, five sixths of the country consist of oldins. several of which are of vast chains, which any where but in the neighbourhood of the here, the American spirit of enterprise predominates. Pittaburg derives its name from Fort Pitt, a fortress natructed on the site of the city by the British prevaily to 1760; and round which a town began, in the nurse of time, to grow up. But it did not make much ogress till 1796, alnoe which it has steadily and rapidly vanced in industry, wealth, and population. In 1766, British and Colonial force, under General Braddock, stained a total defeat on the ground now occupied by is city. (Stuart's America, il. 475, 478.; Murray's e. of Geog. Amer. ed. iii. 311.; Emcgl. Amer.; QBritish and Colonial force, under General Braddock, and Returns, \$\text{pc.}\$\text{j. first.}\$\text{miced a total defeat on the ground now occupied by is city. (Stuart's America, ii. 475, 478.; Murray's e. of Geog. Amer. ed. iii. \$11.; Emcgl. Amer.; QBritish of the Gross Chaoo, a vast piain, occupying the whole triangular space between Bolivia on the N. and the Statistical and the surrounded by the Jerte, a b. of the Tagus (crossed here by three bridges), 101 m. by E. Badjos, and 120 m. W. by S. Madrid. Pop., cording to Miliano, 6,767. It stands in a plain, surrounded by ong walls, entered by six gates, and has several pretty on galley and the surrounded by ong walls, entered by six gates, and has several pretty of the provided the provi

M m 2

of the Cordillers, is a grove of low trees and shrubs. The 2d and 3d of these regions have nearly the same of the Cordillera, is a grove of low trees and shrubs. The 2d and 3d of these regions have nearly the same appearance throughout the year, for the trees and shrubs are evergreens, and the immense plain of grass only changes its colour from green to brown; but the lat region varies with the four seasons of the year in a most extraordinary manner. In winter the leaves of the thisties are large and luxuriant, and the whole surface of the country has the rough appearance of a turnip field. The clover in this season is extremely rich and strong: the country has the rough appearance or a turnip neto. The clover in this season is extremely rich and strong; and the sight of the wild cattle grazing in full liberty on such pasture is very beautiful. In spring, the clover has vanished, the leaves of the thistles have extended along the ground, and the country still looks like a rough crop of turnips. In less than a month the whole region becomes a luxuriant wood of enormous thistles, which have suddenly shot up to a height of 10 or 11 ft., and are all in full bloom. The path is hemmed in on both sides; the view is comparatively obstructed; not an animal is to be seen; and the stems of the thistles are so close to to be seen; and the stems of the thisties are so close to each other, and so strong, that, independent of the prickles with which they are armed, they form an impenetrable barrier. The sudden growth of these plants is quite astonishing; and though it would be an unusual misfortune in military history, yet it is really possible that an invading army, unacquainted with the country, might be imprisoned by these thisties before it has had time to escape from them. The summer is not over before the scene undergoes another rapid change: the thisties suddenly lose their sap and verdure, their heads droop, the leaves shrink and fade, the stems become black and dead, and they remain rattling with the breeze one against another until the violence of the pampero, or hurricane, levels them with the ground, where they raone against another until the violence of the pampero, or hurricane, levels them with the ground, where they ra-pidly decompose and disappear; the clover rushes up, and the scene is again verdant. The vast region of grass in the Pampas for 450 m. is without a weed, and the region of wood is equally extraordinary. The trees are not crowded, but in their growth such beautiful order is observed, that one may gallop between them in every direction. The whole country is in such beautiful order, that if cities and millions of inhabitants could suddenly

that it cities and millions of inhabitants could suddenly be planted at proper intervals and situations, the people would have nothing to do but to drive out their cattle to grass, and, without any previous preparation, to plough whatever quantity of ground their wants may require. "The climate of the Pampas is subject to a great dif-ference of temperature in winter and summer, though the changes are very regular. The winter is about ference of temperature in winter and summer, though the changes are very regular. The winter is about as coid as our month of November, and the ground at sunrise is always covered with white frost, but the ice is seldom more than 1-10th of an inch thick. In summer the sun is oppressively hot. The difference, however, between the atmosphere of Mendoza. San Luia, and Buenos Ayres, which are all nearly under the same lat., is very great; in the two former, or in the regions of wood and grass, the air is extremely dry; there is no dew at night; in the hottest weather there is apparently very little perspiration, and the dead animals ile on the plain dried up in their skins. But in the prov. of Buenos Ayres, or in the region of thisties and clover, vegetation clearly announces the humidity of the climate, and the dead animals on the plain are in a rapid state of putrefaction. On arriving at Buenos Ayres, the walls of the dead animals on the plain are in a rapid state of putre-faction. On arriving at Buenos Ayres, the wails of the houses are so damp that it is cheerless to enter them; and sugar, as also all deliquescent salts, are there found nearly dissolved. This dampness, however, does not ap-pear to be unhealthy. The S. part of the Pampas is in-habited by Indians, who have no fixed abode, but wander from place to place as the herbage around them becomes consumed by their cattle. The N. part and the rest of the provs. of La Plata are inhabited by a few straggling individuals, and a few anall groups of people, who live consumed by their cattle. The N. part and the rest of the provs. of La Plata are inhabited by a few straggling individuals, and a few small groupe of people, who live together only because they were born together. The traveiling across the Pampas is really a very astonishing effort. The country has no road but a track which is constantly changed. The huts, termed posts, are at different distances, but, upon an average, about 30 m. from each other; and in traveiling with carriages, it is necessary to send a man before to request the gaschos to collect their horses. The country is intersected with streams, rivulets, and rivers, with postance (marshes), &th., through which it is absolutely necessary to drive. In one instance, the carriage, strange as it may seem, goes through a lake, which of course is not deep. The banks of the rivulets are often very precipitous, and I constantly remarked that we drove over and through places which, in Europe, any military officer would, I believe, without baggage, and without an attendant. In this case the traveller has to saddle his own horse, and to sleep at night upon the ground on his saddle; and as he is usually to carry any recordings he must from the meant of the proposition. the traveller has to saddle his own horse, and to sieep at night upon the ground on his saddle; and as he is unable to carry any provisions, he must throw himself completely on the feeble resources of the country, and live on little else than beef and water." (Head's Jour-neys across the Pampas, p. 2—10. 46—50).

EPUBLIC OF).

Many of the minor plains are of a very different character from either this or the Gran Chaco; and some, as those of Tucuman, yield corn and maize, rice, tobacco, the sugar-case, &c. in the greatest abundance. The prova. of Cordova, Salta, &c. are also in parts very fertile. In general, the N.W. prova. are the most preductive of grain, while the E. provinces, or those between the Parana and the Uruguay, and the S.E. provinces, abound most in cattle, and furnish the greater portion of the exports from Buenos Ayres.

The Argentine republic, excepting a small portion towards its S. extremity, watered by the Rio Colorado, and a few smaller rivers, is wholly comprised in the basin of the Plata. (See next art.) Its wast branches supply the most extensive means of internal communication; though the utility of some of them be at present a good deal impaired by the prohibitory measures of Dr. Francia, dictator of Paraguay. Many large rivers water the great plains; but several of these lose themselves in the considerable lakes previously noticed, without finding their way to the sea. The principal of these is the Rio Dolce, which intersects the provinces of Tucuman and Santiago, and falls into the lake de los Porongos, or great salt lake, 35 m. in length, by 9m. in breadth. Several lakes and swamps, of a size little inferior to this, are laid down in maps as existing in the Pampas; but the largest lake, or lagoon, is that of Ybera, in Corrientes, which extends over 1,000 sq. m., and supplies four considerable rivers. It is probable that the Parana formerly took its course through this lake: at present no stream runs into it, and it is supposed to derive its waters through some underground drainage.

Geology and Minerals.—The N. B. and S.W. shores of the Rio de la Plata present the greatest contrast in their geological features. The N. shore is elevated, and, like the islands in the river's bed above Buenos Ayres, composed of granite, gneiss, and clay-slate; while, on the S. side, every trace of rock is enti

of the Rio de la Plata present the greatest contrast in their geological features. The N. shore is elevated, and, like the islands in the river's bed above Buenos Ayres, composed of granite, gueiss, and clay-slate; while, on the S. side, every trace of rock is entirely lost, and for hundreds of miles inland, not even the smallest pebble is to be met with. As far as we are yet acquainted with it, the whole of the vast level forming the Pampas appears to be one immense bed of alluvial sand, quietly deposited, during the lapse of ages, in what was anciently a guiph of the Atlantic, of which the astuary of the Plata is now the only remaining portion. The same process appears to be, at present, going on here also: this astuary, which, in the 16th century, is reported to have been deep enough for ships of any burden, is gradually silting up, and we may expect that, at some future period, instead of discharging itself by a wide mouth as at present, or as the Nile, probably, in the most ancient times, the Plata will enter the ocean by a delta, like the Amason, the Ganges, or the Nile of our day, in the alluvium of the Pampas, vast quantities of marine shells, and the remains of the Megatherium of yeoldon, &c., have been found, and, according to Mr. Darwin, its whole area is one wide sepulchre for extinct quadrupeds. (Vongae of the Adventure and Reagle, ill. 156, &c.; Partitle Buenos Agrez, 164, 168.)

The precious metals, with copper, lead, iron, &c., are found in different parts of the country; but, speaking generally, its mineral riches have been very imperfectip explored. Gold and silver have, however, been obtained in considerable quantities, in various districts in the N.W. and W. provinces connected with the Andes, especially at Famatina, in Rioja, where the oree of silver are said to be very rich. Humbold estimated the total value of the gold and silver have, however, been obtained in considerable quantities, in various districts in the N.W. and W. provinces connected with the Andes, especially at Famatina, in R

accounts of the produce of the mines on which it would be safe to place the smallest reliance: perhaps it does not, at present (1841), amount to 400,000t, a year. Iron is also believed to exist in the Chaco, in extensive veins, intermixed with small propertions of nickel and cobalt; and Sir W. Parish considers it extremely probable, that the immense mass of metal presented by him to the British Museum, and considered meteoric, is rather a production of the soil. (Buenos Agres, 288—263.)
Sait is the most abundant mineral, and exists in a state of efflorescence over the surface of immense tracts, in a multitude of brackths springs and pools, and in mineral of not alum, mineral pitch, and an abundance of sulphur, are to be met with along the Cordillera, besides bituminous shale, with appearances of coal in many places: and it is said, though the statement requires confirmation, that there are extensive beds of coal in the extreme S.W. angle of the country.

there are extensive pous or town in the Annual state angle of the country.

The westable products in the N. provinces include most of those which flourish between the tropics; while in the S. they are in general similar to those of S. Kirrope. But even as far S. as Corrientes, cotton, tobacco,

rice, sugar cane, indigo, and many other articles of primary importance in the markets of Europe, may be produced to almost any extent; and a large extent of country is extremely well adapted to the culture of wheat, maise, and other grains. Wheat, which, till of late, was little cultivated, has now become an article of export. But the implements and processes of agriculture are still in the rudest possible state. "In many towns of the laterior excession of wheathermy is as wet unbeared of

still in the rudest possible state. "In many towns of the interior, a common wheelbarrow is as yet unheard of; while in the capital itself, the first pump ever seen in a private house was put up a very few years ago by an Englishman in "(Periad's Buenos Agres, p. 387.)

The immense tract annually inundated by the Plata, now wholly in a state of nature, might, it is said, be made available for the culture of rice on a most extensive scale. The inhabs. of Aranco, a department of La Rioja, are principally employed in the culture of the vine, and make annually from 8,000 to 10,000 small barrels of a strong sweet wine, which is sent to Cordova and the neighbouring provinces. A good deal of strong and full-hodied wine and brandy is also sent from Mendoza to Buenos Ayres.

Rioja, are principally employed in the culture of the vine, and make annually from 8,000 to 10,000 small barrels of a strong sweet wine, which is sent to Cordova and the neighbouring provinces. A good deal of strong and full-bodied wine and brandy is also sent from Mendoza to Buenos Ayres.

The demand for sugar in the inland provs. Is not sufficient to induce the country people to attend much to the cane; but tobacco is pretty largely cultivated, and finds a ready sale in Tucuman and the adjacent provs. Catamarca supplies all the surrounding states with cotton of a superior quality, for their domestic manufactures; and exports large quantities of red peoper to Buenos Ayres. The cactus, which feeds the cochineal insect, grows in Santiago, Salta, and elsewhere in the W., and to an unusual size; and from the first-named prov. from \$8.00 to 10.000 lbs. a year of cochineal were formerly sent to Chili and Peru. Aloes are equally shundant, and from their macerated fibres the Indians of the Chacomake yarn, ropes, fishing-nets, and a variety of bags and pouches, for which there is always a demand among their more civilised neighbours; these articles are dyed in indelible colours, prepared by the Indians from native plants. The cocca plant (Ergithrosylos persuriansus), which, when mixed with ilme, forms a stimulant cheed by the Peruvian, as the betel in S. Asia, grows plentifully in Salta. Bonpland found 3 new species of indigo in Corrientes; madder is indigenous in several places; and on one species of shrub a small insect called the clavillo is found, which affords a most beautiful green dye. The E. flanks of the Andes, and the banks of the W. Alliuents of the Paraguay, are covered with dense forests; which are, however, for the most part, useless, being at sogreat a distance from the Plata and sea-ports of the republic. The trees are mostly of the mimosa family; and, from the fruit of the algaroba, mixed with maise, the Indians make cakes; and by fermentation, produce their chief, and the province of the province of t

cattle at 2s. each = 8000,; the horses at 6d. each = 3755,, and fixtures 1000.; cost, therefore, of stock and fixtures, 1,2750., leaving the estate of 372 sq. m. as a bonus to the purchaser!" (Robertson's Letters on Paraguay, il. 216. 216.)

and fixtures 1001; cost, therefore, of stock and fixtures, 1,7794., leaving the estate of 373 s.g. m. as a bonus to the purchaser! "Robertson's Lehera on Paraguagy, ii. 215, 216,)
Cattle-rearing estates are frequently of vast size; and Candioti, probably the largest landholder of La Plata, is said, by Mr. Robertson, to have been the proprietor of 300 sq. leagues of territory, with 250,000 head of horned cattle, and 300,000 horses and mules. The annual increase upon a well-regulated estasscia varies from 30 to 40 per cent., which yields an enormous profit to the proprietor, whose expenses are comparatively trifling. And since the revolution, which has thrown open the trade of S. America, the cattle, which were previously not worth more than 3s, or 4s. a head, are now worth 20s, and for these 30s. the farmer can buy double the quantity both of necessaries and luxuries (lis own commodity of cattle always excepted), which he could procure for them before. The estancieros of Santa Fè were formerly among the richest in the viceroyalty, and furnished by far the greater part of the 50,000 mules yearly sent to Salts for the service of Peru; but the stoppage of the trade with the latter country and Paraguay, and the attacks of the Indians, have impoverished and depopulated that province almost to the last degree. The mules were commonly sent, when two or three years old, to a periodical fair, near Salta, to which the purchasers from Peru repaired, and bought them in droves, at the rate of from 14 to 16 dollars each. The struggle for independence stopped this traffic; for Peru being to the last in the possession of the royalista, all intercourse with Salta was long cut off, and not having been renewed to any great extent, the breeding of mules has declined considerably in La Plata.

The horses of the Pampas are similar to the common Spanish horse, and of all colours: like the cattle, the original stock was introduced from Europe. They wander wild in immense herds, being caught indiscriminately by the gauchoes, whenever th

custa, immense bugs, musquitos, and other insect tribes.

The gauckos, or native peons, are the descendants of European colonists, and many of them have sprung from the best families of Spain. They are at once the most active and the most indolent of human beings; living, when not on horseback (which they generally are), in the rudest manner in mud huts. They are without agriculture, subsisting almost wholly on the flesh of oxen and game of various kinds, which they catch by means of two singular weapons, in the use of which they are extremely dexterous, the lasso and the bolas. The former, used by most natives of La Plata and Chill, is a strong platted thong of green hide, about 40 ft. in length, with an iron ring at one end forming a running noose, the other end being fixed by the peon on horseback to his saddle-girth. The gaucho, when about to seize an animal, whiris the noose with a portion of the thoug horizontally round his head, holding the rest of the lasso coiled up in his left hand; and, when near enough to the object, at a precise point of its rotation, flings off the noose, which seldom or never fails to secure the animal. If a horse, it invariably fails over the neck; its legs in a position to resist successfully the pull of the entrapped animal. The dexterity evinced in the operation, and the certaintw with which an animal run M m 3

M m s

In the last drought of 1831-32, it was estimated that from 1 nd 1½ to 2 millions of animals died: — the borders of the lakes and treamlets in the prov. of Buenos Ayres were long afterwards white rith their bones. (Parish's Buenos Ayres, p. 371.)

ning at full speed, is caught, are very striking. The boles, used also by the Indians, is briefly described in the art. PATAGONIA, in this vol.

The Indians are of Araucanian origin (see Csuit, Vol. I. p. 592.), living, like the gauchos, chiefly on horseback, but partly in movable tents made of hides. To their main food, the flesh of mares and colts, if they adony thing it is maise, obtained from the Spaniards in exchange for salt, cattle, and blankets, made by their women. They live together in different tribes, each governed by a cacique. Some are friendly to the whites, but the greater part are bitterly hostile; and the two races maintain against each other an exterminating warfare. A few indians in the provs. of Salta, &c., are employed by the whites in agriculture; receiving in payment for their services some coarse woollen cloths, beads, baubles, and a few other articles of dress; but, in general, the independent tribes wearing only a posacle or short cloak, boots of colt-skin, and other articles of domestic manufacture, place little value on European goods. Numerous settlements were made in the 16th century by the Jesuits in 1767, they speedily lapsed into their previous barbarism.

La Plata has scarcely any menufactures. Ponchos, saddle-cloths, blankets, &c., are made by the Indian women, and sold in great numbers to the people of Tucuman and Salta. Cordova is the principal manufacturing from; it the above kind of goods and morocco leather, with wooden bowls and dishes, comprise almost all the articles made there. The foreign imports consist principally of European goods for the white colonists; mostly from Great Britain. "The gaucho is everywhere clothed in British manufactures. Take his whole equipment—examine every thing about him—and what is there (not of raw hide) that is not British? If his wife has a gown, ten to one, it is made at Manchester; the camp-kettle in which he cooks his food, the earthenware he eats from, the knife, spurs, bit, are all imported from England." (Perish, 338). The foreign

particular candidate."

The powers of the president are constitutionally very extensive: he appoints to all civil, military, and judicial offices; but he, as well as his ministers, is responsible for every new measure, and liable to impeachment before the Senate and House of Representatives. The military force is of uncertain amount; but, during the late war with Brazil, about 10,000 troops were collected, besides a numerous militia. The prov. of Buence Ayres alone supports the government expenditure; the other provinces contributing nothing to the general expenses of vinces contributing nothing to the general expenses of the Confederation. The public revenue was estimated, in 1837, at 12,000,000 dollars, a sum insufficient to meet the ordinary expenditure. The public debt, at the same period, amounted to 35,917,165 dollars, bearing 6 per cent. interest.

per cent. Interest.

This country was first discovered in 1517, and settled by the Spaniards in 1533. It was long dependent on Peru; but, in 1778, was erected into a viceroyalty, comprising, together with La Plata, Bolivia, Paraguay, and Uruguay. The English made an unsuccessful attempt on this country in 1807. In 1810, the struggle began between the inhabs. of Buence Ayres and Spain, which terminated, in 1816, in the independence of the former. The first congress met at Tucuman, but the federal cap. was soon transferred to Buence Ayres. In 1827 a

war broke out between the republic and Brazil, respecting the possession of Uruguay (Banda Oriental), established as an independent state in 1828; and more recently La Plata has been involved in disputes with both Bolivia and France. These wars have contributed to retard the march of her prosperity; but with all her accumulated difficulties, La Plata appears only to require a few years of repose to develop her abundant natural resources, and to become a comparatively fourishing

accumulated difficulties, La Plata appears only to require a few years of repose to develop her abundant natural resources, and to become a comparatively flourishing county. (Parish's Buenos Agres; Head's Journey in St. America; Robertson's Letters on Paraguay; Scarlett; Miers; Dorwin's Jetters on Paraguay; Scarlett; Miers; Darwin's Jemer. Almonack, Sc., passim.)

PLATA (RIO DE LA) (River of Silver), a large river of S. America, draining with its numerous affluents the greater part of the states of La Plata, Banda Oriental, and Paraguay, with smaller portions of Bolivia and Brasil. It is formed by the union of two important branches; in which, becomes a very large satuary, entering the S. Atlantic Ocean between Punta Negra (Lat. 245 58 S. long. 55° 5′ W.) on the N.E., and Cape St. Antonio (lat. 28° 51′ S., long. 56° 47′ W.) on the N.E., and Cape St. Antonio (lat. 28° 51′ S., long. 56° 47′ W.) on the S.W.; having on its N. bank the city and port of Monte Video and the colony of San Sacramento, while, on the opposite side, 124 m. from its mouth, is Buenos Ayres. The basin of this great river is estimated to occupy about 1,250,000 sq.m., being inferior in extent only to those of the Amazon and Mississippi: its length, from the source of the Paraguay to its mouth, is about 2,450 m.

The longest and most direct river, and that of the largest volume, belonging to this great water system, is the Paraguay, which, on receiving the water of the Parama at Corrientes (27° 20° S. lat.), assumes the name of that branch. It has its sources between lat. 13° and 14° S., in the low ranges connecting the great mountains of Peru and Braxil, which constitute the water-abed between the haffuents of the Amazon and those of the Rio de la Plata. Many navigable streams join it from the E., as it passes through Braxil; but those on the W. set, though no

in the low ranges connecting the great mountains of Peru and Brasil, which constitute the water-shed between the affluents of the Amason and those of the Rio de la Plata Many navigable streams join it from the E., as it passes through Brasil; but those on the W. side, though not so numerous, are much more extensive. Between the 17th and 19th degs. of S. lat. occurs that wide region of swamps called the Lake of Xarayes, which, during the periodical inundations of the river, is flooded so extensively as to form a great inland sea, stretching from R. to W. between 200 and 300 m., and from N. to S. upwards of 100 m., with a depth of 10 or 12 ft. At the close of the rainy season, these waters are carried off by the Paraguay, which is navigable from this point to its mouth for vessels of 40 or 50 tons, a direct distance of 1,20 m. The other western affluents are the Filcomayo and Vermejo, which fall into it between Assumption and Corrientes, both having their sources in Bolivia, and flowing S.E. through the great chaco, or desert. The Pilcomayo, after a course of 1,000 m., enters the main stream by two branches, about 60 m. apart: it is shallow, and not navigable even by canoes. The Vermejo, which falls into the main river about 135 m. below that last mentioned, rises on the E. slope of the Andes, and is navigable for large boats through the whole of the level country for nearly 700 m.

The Parama (which, as we have before observed, Joins the Paraguay at Corrientes, and gives its own name to its lower part) rises in the table-land of Brasil, in lat. 210 S., hardly 120 m. from the shores of the Andantic. It flows S. and then curves westward, separating Brasil from Paraguay, and, lower down, divides the laster country from the states of La Plata, the lowest of which, close to the island of Apipe, is in lat. 37° 26° S., long. 560 47° W. From this point the river at once becomes navigable for vessels of 300 tons. The most important fall, however, is considerably higher up the stream, in lat. 22° 30° S., being upwards of

tanding these advantages, we met during our descemt very few ressels. One of the best gifts of nature seems user withfully thrown away; so grand a channel of comnunication being left nearly unoccupied: a river in which hips might newlgate from a temperate country, as survisingly abundant in some productions as destitute of there, to another, possessing a tropical climate, and all, perhaps unequalled in iertility in any part of the world. How different would have been the aspect of his country if English, instead of Spanish colorilists had, by good fortune, first sailed up this splendid river! Voyage of the Adv. and Beagie, iii. 164.) The inundations of the Paraguay and Parama bear a close analogy to hose of the Nile. "Both rivers," says Sir Woodbine Parish, "rise in the torrid zone, nearly at the same disance from the equator; and both, though holding their ourses towards opposite poles, disembogue by deltas in both the same lat.: both are navigable for very long listances, and both have their periodical risings, burating wer their natural bounds, and inundating immense racts of country." The Parama begins to rise about the ind of Dec., soon after the commencement of the rainy essential to the Stropic, and increases gradually till April, when it bgins to fall somewhat more rapidly till the brinning of July: a second rising, called repeate, is occasioned by the winter rains S. of the tropic of Capricorn; but it seldom overflows the banks.

The ordinary average of the increase below Corientes is 12 ft.; but at Assumption, where the river a more confined, the rise is said to be sometimes as nuch as S or 6 fathons. Occasionally, however, these loads are much higher; penetrating into the jungles of he interior, and drowning numbers of wild animals, he careases of which poison the air for months after-rard. The river at these times is exceedingly turbidion; but as it approaches the lower lands, or pampas, hey are sprand over the face of the country, forming a rey slimy soil, which increases vegetation in a surprising tanding these advantages, we met during our descent very few vessels. One of the best gifts of nature seems sere withilly thrown away; so grand a channel of con-numication being left nearly unoccupied: a river in which

s an immense bank of sand and shells, called the English sank; besides which there are many other sand-banks, overed when the river is low with only about 8 ft. rater, one of which, called the Ortis, is in some parts etween 11 and 12 m. in width. The currents are externely irregular, both in rate and direction, a conequence of the immense volume of water brought down t certain seasons by the Parana, as well as of the influence of the winds at the mouth of the river: indeed, his variability of the winds and currents constitutes ne of the chief difficulties in navigating the Plata, bilch, on this account, has been termed "Il Inflerno de sa Marineros." s Marineros.

in Marineros."

In calm weather the currents are generally very slack, nd almost as regular as tides, setting up and down the iver alternately. The effect produced by the pamperos, r S. W. gales, so called from their blowing over the ampas S. of Buenos Ayres, is remarkable from the ngular fauctuations in the depth of the water before and fer their occurrence; the river being always higher than sual when they begin, whereas, after they have continued rafe whours, the water is forced out to sea, so that the ind-banks begin to appear, and, on some occasions, even

the anchoring grounds have been laid here! The tides are so much disturbed, and, as it were, hidden by the currents, that it has been affirmed they have no existence; but, according to the American Coast Pilot, they are clearly discernible in caim weather, though their rise seldom exceeds 6 ft. (Amer. Coast Pilot.)

The Rio de la Plata, which, with its affluents, furnishes an internal navigation of many thousand miles, must, of course, even in its present neglected state, have a considerable commerce, of which Burnos Ayress and Mowre Vinso are the great entreptic, and to which the reader is referred for further details. The river trade, however, is far less extensive at present than is generally supposed; the intercourse with Chill and Feru having greatly decreased since the establishment of independence at Buenos Ayres, and that with Paraguay having been all but aminhilated by the exclusive and despotic policy adopted by its present dictator, Dr. Francia. The river is pre-eminently well adapted for steam navigation, and, under more haspy circumstances, might

having been all but annihilated by the exclusive and despotic policy adopted by its present dictator. Dr. Francia. The river is pre-eminently well adapted for steam navigation, and, under more happy circumstances, might become the medium of a trade inferior only to that of the Ganges and the Mississippi. (Sir W. Partak's Bucase Agres and La Plata, p. 179-300.; Forgages of the Adsensure and Beagle, ii. and iii.; Amer. C. Pilot, &c.) PLATEA, a considerable city of ancient Greece, now wholly in ruins, in Bootia, at the N. foot of Mount Citheron, about 7 m. S.W. Thebes. This town has acquired an immortality of renown from its having given its name to the great battle fought in its vicinity, on the 23d September, assee 479 s. C., between the combined Greek forces under Pausanias, and the Persian army under Mardonius, generalissimo of the forces left by Xerxes in Greece. The Grecians gained a most complete victory. Mardonius was killed in the action; and the camp to which the fugitives retreated having been forced, a prodigious slaughter took place. In fact, with the exception of about 40,000 horse, who escaped under Artabaus, the entire Persian army, said to have been nearly 300,000 strong, was all but entirely annihilated. (Herod. ilb. ix. cap. 69.) The victorious Greeks, besides securing the independence of their country, found an immense booty in the camp of the Persians. A tenth part of the spoil was given to Pausanias, the general, whose great talents materially contributed to the success of the-day; and another tenth was set apart as offerings to the gods. From the produce of the latter was presented to the shrine of Delphi a golden tripod, supported on a brasen pillar formed of their country, found any present and the same pillar formed of their country, found supported on a brasen pillar formed of their country, found supported on a brasen pillar formed of their country, found and minemese booty in the camp of the Persians. A tenth part of the sopoil was given to Pausanias, the general, whose great talents m

and her wails rebuilt, by Alexander the Great. The existing remains of the city date from the zera of that conqueror. (Dodwell's Greece, 1. 278.)

PLAUEN, a town of the k. of Saxony, circ. Zurichau, cap. districts Plauen and Pauss; on the White Elster, 56 m. S. by W. Leipsic. Pop., in 1837, 9,4*5. It is built on uneven ground, wailed, and has several churches and hospitals, a gymnasium, and a royal castle. It is a thriving town, with manufactures of linens, and cotton goods and yarn; it has also considerable markets for wool. Pearls are occasionally found in this part of the river; and there is a royal pearl fishery at Oelsnitz, in the neighbourhood. (Berghaus; Musray's Handb. for S. Germany.)

S. Germany.)
PLYMOUTH and DEVONPORT (for, though sepa. PLYMOUTH and DEVONPORT (for, though separated in their municipal and political privileges, they constitute, in fact, parts of the same town), two part bors. and sea-port towns of England, co. Devon, and hund. Roborough, making together the principal naval port of Great Britain after Portsmouth, at the bottom or N. end of Plymouth Sound, on a kind of rocky promontory between the Tamar and Plym, 36 m. S.W. Exeter, and 193 m. W. by S. London; 1st. old church, 50° 27' 14" N., long, 40° 7' 22" W. The pop. of the different towns and districts, popularly included under the term Plymouth, has been, in 1901, &c., as follows:—

l	1801.	1811. 1821.	1831.	1841.
Devemport	- 23.747	20,803 21,591 30,083 33,578 5,174 6,043	34.883	33. 22
	43,194	56,060 61,912	75,534	80,060

These towns had together, in 1841, 8,799 inhab, houses. There is a large excess of females, the latter having amounted in the same year to 45,115, and the males to only \$8.048. 85.045. The towns are built on rather unequal ground; Plymouth being on the E., and Devonport on the W. side of the space (3 m. broad) between the two rivers: the

medial suburb of Stonehouse connects (with the help of a bridge over Stonehouse-pool) the two towns.

Plymouth is old, and irregularly laid out; several of its streets are narrow and ill-built, a few also being steep. Many improvements, however, have been made within the last few years, and it has now several handsome streets and good squares, lined with substantial stone houses. Devonport, formerly called Dock, may be said to be the new town of Plymouth, having been aimost entirely built since 1760: most of its streets are straight and wide, and the older houses are being gractually replaced by handsomer and more substantial buildings. Its wide, handsome streets, which cross each other at right angles, are paved with limestone quarried in the neighbourhood. Both towns are well lighted with gas; and water is abundantly supplied to Plymouth by the corporation, and to Devonport by a joint stock company. The principal public buildings of Plymouth are, a modern, though by no means handsome, guildhall, with a small attached bor. gaol; an exchange, and customhouse; a very elegant edifice, called the Athensum, belonging to the Plymouth Literary institution; a public library; a splendid hotel and theatre, built by the corporation, at an expense of nearly 40,000/l.; the Boyal Union Baths, and a plain stone structure called the Freemasons' Hall. A new and extensive market-place has also been formed, at an expense of more than 10,000/l.; and it has several barracks, hospitals, and prisons belonging to government. The Naval Hospital, at Stonehouse, is of great extent, and admirably arranged; and opposite to the water-entry of this hospital is the Royal Military Hospital, with an arcade of 41 arches, supporting a terrace, and covered promenade below: there is, also, a large military prison at Milit-bay, capable of accommodating nearly 5,000 persons. One of the most striking features of Plymouth is its citadel, erected on a commanding eminence in 1670: it has five bestions, and is surrounded on three sides by a deep ditch an one-tial suburb of Stoonhouse-counted; with the help of a bringe over Stoonhouse-pool, the two towns.

of its streeds are narrow and ill-built, a few also being steep. Many improvements, bowever, have been made to the streets are narrow and ill-built, as few also being steep. Many improvements, bowever, have been made to be the streets and good squares, lined with stubstantial tone houses. Decoporation of the streets are street and good squares, lined with stubstantial tone houses. Decoporation of the streets are strength and when a few of the streets are straight and when a few of the streets are straight and when a street, which cross each other at right and the street of the streets are strength and when the street of the streets are street, and the streets a

medial suburb of Stonehouse connects (with the help of a bridge over Stonehouse-pool) the two towns.

Plymouth is old, and irregularly laid out: serveral of its streets are narrow and ill-built, a few also being oppose any effectual resistance to an army attacking its oppose any effectual resistance to an army attacking it by land; but it is quite secure from any attack by sea. Close to the fort of Mount Wise is the governor's house,

round for a still larger number; its average depth is fathoms at ebb tide, and the largest ships float close to he quays. Subordinate to the harbour of Catwater is intton-pool, a small tide-basin, to the B. of the citadel, urrounded by quays for the convenience of colli-ra, coastage vessels, and fishing smacks, by which it is almost xclusively frequented. In Mili-bay, also, to the W. of Plymouth, a pier is in course of being constructed for he accommodation of the largest steamers at all times of the tide. Swipe tides rise from 18 ft. to 18 ft. and f the tide. Spring tides rise from 15 ft. to 18 ft., and caps from 6 ft. to 8 ft.

The bay or arm of the sea, called Plymouth found, into which these harbours open, is used or the accommodation of the ships that have een refitted in the dockyards, and as a safe sylum for all sorts of stips in stormy weather. Iwing, however, to the heavy swell thrown in rom the S., it was formerly a very unsafe place or anchoring; and, to obviate this inconvenience, stupendous breakwa'er, or mole (similar to het of Cherbourg, or rather to that of Civita Vecchia, constructed by the emperor Trojan, ee Civita Vecchia), has been formed in the ee CIVITA VECCHIA), has been formed in the niddle of the Sound, stretching in a line, straight in the middle but inclined inwards at either extremity, bout I m. in length, between Cawsand Bay on the one ide, and Bovisand Bay on the other. From the commencement of the work to July 31, 1841, 3,777,063 tons of tone, procured from quarries on the banks of the Plym, onsisting of rough cubical blocks, each weighing from § to 2 tons and upwards, had been employed in this reat work. The top presents a flat surface, about ten ards in width, whence it slopes on both sides to the bottom, the orincipal slope being on the side next the sea.

arts in width, whence it slopes on both sides to the hotom, the principal slope being on the side next the sea.
I lighthouse is now being erected on its W. extremity.
This great national undertaking has cost a very large
um; but the important object in view in its construction has been completely attained. That part of the
iound within the breatwater has been rendered one of
the very best roadsteads in the world: it is accessible on
the vide and its will sharply expenses. he very best roadsteads in the world: it is accessible on ther side, and is sufficiently capacious to admit the argest feets, which ride under cover of this immense ulwark during the stormlest weather in perfect safety. The Eddystone lighthouse (which see) stands about 4 m. 8. by W. the breakwater, and is an important apendage to the harbour, the entrance to which would, att for this beacon, be comparatively dangerous, in consequence of the hidden rocks on which it is placed. Within he breakwater, and opposite to and commanding the enrance to Hamoare, is St. Nicholas Island, which has been trongly fortified, and constitutes, with the redoubt, at itaddon height, above Bovisand quay (near which is ormed the reservoir for supplying 11. M.'s ships with rater), the principal defence of the town and harbour on he side of the sea.

The Hamoare is bounded on the S, directly opposite.

The Hamoaze is bounded on the 8, directly opposite levonport, by the beautiful peninsula of Mount Edgunbe, the seat of the noble family of Edgeumbe. On he upper part of the Hamoaze, and on its W. side, is the two of Saltash (which see).

in Catwater harbour there are wet and dry docks, for-ierly suited to the construction of 74-gun ships; but for nany years they have been used exclusively for merchantessels. On the B. side of the Catwater are the villages essels. On the K. side of the Catwater are the rulegus f Oreston and Turnchapel, mostly occupied by persons ngaged in the dockyards, or otherwise connected with he trade of the port. In this direction, also, are the nely-situated villages of Upper and Lower Hone, fount Batten, at the S.W. extremity of the Catwater,

Banking Company, the Devon and Cornwall Banking Company, and the National and Provincial Bank of England, have establishments both at Plymouth and Devonport; besides which there are the "Naval Bank," and

port; besides which there are the "Navai Bank," and two private banks.

Plymouth was incorporated in 13 Henry VI. Its present municipal officers are a mayor, 11 other alder-men, and 36 councillors, the bor. being divided into six wards. Corporation revenue, in 1847-8, 14,1532. Quarter and petty seasions are held under a recorder; and there is also a borough-court for the trial of civil actions. A and petty sessions are need under a recorder; and there is also a borough-court for the trial of civil actions. A county court is established here, before which 1,760 plaints were entered in 1848. Devonport has also been made a corporate town, and divided into wards; its municipal officers being a mayor, aldermen, and counciliors. It has a commission of the peace under a recorder. Corp. rev., in 1848-9, 7,394f. Plymouth has regularly sent 3 mems. to the H. of C. since the reign of Henry IV.; but to occasionally exercised the franchise at an earlier period. The electoral boundaries were enlarged by the Reform Act, so as to include with the old bor. a small portion of land N.E. the town on the Exeter road. Reg. electors, in 1849-50, 2,384. The Reform Act constituted Devonport a parl. bor., and conferred on it the privilege of returning 2 mems. to the H. of C. The electoral limits comprise the par. of Stoke-Damerell and township of Stomebouse. Reg. electors, in 1849-50, 2,410. Neither Plymouth nor Devonport is attached to poor-law unions; but the expenditure of the united bors. in 1849 amounted to 17,3461, of which above 10,000. were expended on the poor of Plymouth. Markets, in Plymouth, on Monday, Thursday, and Saturday; in Devonport, on Tuesday, Thursday, and Saturday; both abundantly supplied with every kind of provisions.

Plymouth, originally called Tameorwerth, and afterwards Sut of or South-town), received its present name at the period of its incorporation, in the reign of Henry VI. The town received a considerable accession of wealth on the dissolution of the monasteries, and in the relin of Elizabeth was greatly benefited by a supply of good water, conveyed by a channel, 2t m. in length, from Dartmor, planned by the famous Sir Francis Drake, a Dartmor, planned by the famous Sir Francis Drake, a Dartmor of the town. During the same reign, Plymouth Sound was the rend-ryous of the feet opposed to the Jungue, which, in 1625, carried of 2,000 persons. During belague, which, in 1625, carried of 3,000 persons. county court is established here, before which 1,760 pl

Armada, and also of the fleet sent against Cadit. The town suffered greatly, on three occasions, from the plague, which, in 1625, carried off 2,000 persons. During the parliamentary wars it embraced the cause of the parliament, and was besieged by Prince Maurice and the royalista, though without success. Devonport, as is already stated, is quite a modern town, which owes its rise to the rapidly increasing importance of the dockyard during the American and French wars. Stonehouse, which connects Piymouth with Devonport, is still more modern, and has been wholly built within the present century. All these towns suffered most severely in 1832-33 from the cholers.

with Devonport, is still more modern, and has been wholly built within the present century. All these towns suffered most severely in 1832-33 from the cholera. (Parl. Bossad. and Muss. Reports; Private Inf.)
PLYMOUTH, a town and sea-port of the U. States, in Massachusetts, cap. co. of its own name, 35 m. S. E. Boston; lat. 41°57′ N., l ng, 70° 42′ 30′ W. Pop., in 1831, 4,758. It has a court-house, gaol, bank, several churches, &c., and some cetton and woollen factories, iron-works, and mills, the machinery of which is impelled by a rivulet intersecting the town. The harbour, though spaceous, is os shallow that vessels drawing more than 10 or 11 ft. water must partly unload at a distance from the wharfs. The burden of the shipping belonging to the port amounted, in 1834, to 22,821 tons. Plymouth is the oldest town in New England, its foundations having been laid in 1620.

ingread in the dockyards, or otherwise connected with he trade of the port. In this direction, also, are the nely-situated villages of Upper and Lower Hone, fount Battem, at the S.W. extremity of the Catwater, posite Sutton-pool, is a very picturesque object. It is urmounted by an ancient castle.

The trade of Plymouth is of considerable importance; the gross customs' duties amounted in 1849 to 122,385, here belonged to the port on the 1st Jan., 1850, 42st uiling vessels, agg, burden 29,322 tons, and 5 steamers. A large part of the trade of the town depends on the ockyard, and timber is, of course, a principal article of aport. Steamers touch here almost daily, on their page between London, Dublin, Belfast, &c., and boats in twice or thrice a week to and from Southampton, he manufacturing establishments of Plymouth compies a very extensive sall-cloth factory, a sugar-refinery, ass-house, starch-factory, and a soap-boiling establishment, which produced, in 1848, 417,170 he. hard soap, he communication with the country E. of the Plym is fected by an iron bridge of five arches, raised on granite ers, built at the sole expense of the late Earl of Morley; in dutil-coaches, carriages, horses, passengers, &c., are ried over to Cornwail by a kind of foating steamingle, running every quarter of an hour between Torbint and Devonport. Plymouth is united by railway ith Exeter, Bristol, and the metropolis, the journey eing performed in less than 6 hours. The Bank of ngland has a branch here; and the Western District

POCKLINGTON.

PO. See ITALY.

POCKLINGTON, a market-town, par., and township of England, E. riding co. York, Wilton-Beacon, div of wap. Harthill, on a small trib. of the Derwent, 124 m. B. by S. York. Area of par., including 4 townships, 4,380 acres. Pop. of township, in 1841, 2,328. It is a good county-town; and the market-place, though small, is conveniently arranged. The church, in the centre of the town, is a large cruciform structure, with a handsome tower at its W. end, and a chancel containing some carved stalls: the living is a vicarage in the gift of the dean of York. A free grammar-school was founded here in 1595, and endowed with lands that now yield upwards of 1,0002 a year: the master is appointed by the master and fellows of St. John's College, Cambridge. A national school also was established in 1819. It has no manufactures, but a considerable trade has grown up, chiefly in corn, flour, timber, coal, and general goods, since the completion of the canal from E. Cottingwith on the Derwent, to Street Bridge, about a mile from the town. Markets on Saturday: fairs for horses, cattle, &c., March 7., May 6., Aug. 5., and Nov. 8. Great show of horses, Feb. 36. and Dec 17.

PODOLIA, a government of Russia in Europe, chiefly in corn of the 48th and Wh deer of N let and the Sch

Saturday: fairs for horses, cattle, &c., March 7., May 6., Aug. 5., and Nov. 8. Great show of horses, Feb. 24. and Dec 17.

PODOLIA, a government of Russia in Europe, chiefly setween the 48th and 50th degs. of N. lat., and the 28th and 31st degs. of E. long.; having N. Volkynia, N.E. Klev, S.E. Kherson, S.W. Besarabla, and N.W. Gallicia. Length, N.W. to S.E., 240 m. Area estimated at 18,200 sq. m. Pop., in 1846, 1/73,000, principally Poles, but including some Russians, and about 150,000 Jews. The greater part of the country is fat; but a low branch of the Carpathians extends through it in an easterly direction. The general slope is towards the S.E. Principal rivers, Bug and Dulestr, which last forms the 8.W. boundary. The climate is healthy, and mild enough for the vine and mulberry to fourish in the open air. Soil stony, but in general very fertile, and Podolia formerly ranked among the most valuable provs. of Poland, as it now does of the Russian empire. Corn is produced in abundance; the produce of wheat, in 1830, was estimated at 6,000,000 cheterts, a quantity exceeding the home consumption by 1-3d. Hemp, fax, tobacco, hops, beans, and various fruits are grown. The culture of the vine, though on the increase, is no vyet of any importance; and orchard and garden husbandry is conducted in a negligent manner. Pastures luxuriant. Cattle-rearing is an important business; and many head of cattle are sentiated to Germany, where they are much prized for their beauty and excellence. The sheep yield but indifferent wool. A good many hogs are kept, as well as poultry and bees. The forests are estimated to cover 991,442 decistince, or nearly 3 million acres; only a small proportion of which belongs to the crown.

but the fisheries are highly productive. Saltoetre, line, and altabaster, are the principal mineral products. Manufactures are quite insignificant; except distilleries, and saltpetre factories. The trade, which consists mostly of the export of grain to Odessa, and cattle to Gallicia and Germany, is wholly in t it is subordinate to the government of Klev, both as to military affairs and public instruction. Most of its in-habs, belong to the Greek church. Podolia was long governed by its own princes; but, in 1869, it was united to Poland, who erected it into the two

1569, it was united to Foland, who erected it into the two volvodes of Podolla and Bracziaw. It has belonged to Russia since 1793. (Schwitzier, La Russie; Possart, &c.) POITIERS, or POICTIERS, (an. Limowams, and afterwards Pictawi,) a city of France, dép. Vienne, of which it is the cap; on the Claim, a tributary of the Vienne, 58 m. S.S.E. Tours, and 78 m. N.E. by E. La Rochelle; hat 46° 35° N., long, 0° 20° 30° E. Pop., in 1846, 33.006. It is surrounded by old walls, flanked with towers. Few Franch citize company a greater attent of ground; but French cities occupy a greater extent of ground; but a large space within the walls consists of fields and gardens. French cities occupy a greater extent of ground; but a large space within the walls consists of fields and gardens. The streets are inconveniently steep, ill-paved, and gloomy, and the city generally is ill-built, its houses being without either taste or dignity. It has but one good square, the Place Royale, in which was formerly a statue of Louis XIV. Proviously to the revolution, few towns in France had so many churches; and though much diminished, many of them still exist; but there are few other public edifices worth notice. The catheral is a large, though rather low Gothic edifice, said to have been founded by Henry II. of Rajland. The church of St. Radegonde is much more ancient, being said to owe its origin to the wife of Ciotaire, in 887. The crypt containing her tomb, and some other portions of the original edifice, are still exiant, but the rest of the building mostly dates from the lith century. The church of Notre Dame is very handsome, and several of the other churches have some curious tombs and monuments. The hall of justice, public library, with 12,000 vols., bishop's pelace, theatre, cavalry barracks, and baths, are the

CULA.

other most conspicuous buildings. Politiers is the seat of a royal court, of tribunals of original jurisdiction and commerce, a university academy, faculty of law, and accences, a departmental nursery ground, botanic garden, &c. It is the see of a bishop, whose discose comprises the déps. Vienne and Deux Bèvres. Its manufactures, though not extensive, comprise very various articles, as course woollen cloths, blanketing, hosiery, oction netting, lace, hats, prepared sheep-skins, and goose-down. Its as a considerable trade in agricultural produce, and six annual fairs.

Poilters is one of the most ancient towns in Gent

annual fairs.

Potiters is one of the most ancient towns in Gaul.
The vestiges of a Roman palace, an aqueduct, and an
amphitheatre, are still visible. The Saracens were
totally defeated in 732 by Charles Martel, in a great
battle between this city and Tours. But Potiters is
chiefly memorable for the signal victory obtained in steinity on the 19th Sept., 1356, by an English army
commanded by Edward the Black Prince, over a vastly
superior French force commanded by king John. The
French army was wholly dispersed; and, besides many
thousand common soldiers, a vast number of persons of
distinction were killed or taken prisoners, the king and
one of his sons being among the latter. (Hage, art. Viceme.; Dict. Glogs.)

one of his sons being among the latter. (Hage, art. Vi-essee; Dict. Géog.)
POITOU, the name of an extensive prov. of France, previously to the revolution: it is now distributed among the departments of Vienne, Deux Sèvres, and Vendee.

wong the departments of Vienne, Della Service, POLA, in antiquity, a splendid city, but now a poor, decayed sea-port town of the Austrian empire, gov. Trieste, on the W. side, and near the S. extremity of the peninsula of latria; at the bottom of a bay of the same name; lat. 44° 52′ 18″ N., long. 13° 50′ E. Pop., about 900. It is surrounded by walls fanked with towers constructed by the Venetians in the 18th century, is the seat of a bishopric, has a cartle, a cathedral, a Greek church, and 3 convents. The harbour is one of the best on the Adriatic. The entrance to it is narrow, but the water is deep, and within it expands into a large basin, land-locked and safe. It might easily be rendered an excellent station for a feet intended to command the Adriatic. The chief occupation of the inhabs. is fishing. The sand used in the Venetian glassworks is brought from its environs.

command the Adriatic. The chief occupation of the inhabs, is fishing. The sand used in the Venetian glassworks is brought from its environs.

Pola owes all its celebrity to its ancient greatness, and to the magnificent remains of antiquity of which it has still to boast. The principal of those is a noble amphitheatre, standing outside the town, and near the amphitheatre, standing outside the town, and near the hay. This splendid monument is in a very perfect state of preservation, and is scarcely exceeded in magnificence by that of the Colosseum at Rome, while, in point of dimensions, it is in a very small degree only inferior to the amphitheatre of Verona. It is in the form of an ellipsis, its longest diameter being 436 ft. 5 in., its shortest 346 ft. 2 in., and its height, in the most perfect parts, 97 ft.* It is estimated to have been capable of accommodating above 20,000 spectators. The height is divided into 3 stories, and the whole circ into 72 archesa. It is constructed of latrian stone of a very superior quality, and which, in appearance and durability, is equal to the purest marble. purest marble.

purest marble. Within the town are two temples which, when per-fect, must have been exactly similar, and worthy the best period of the Augustan age. The best preserved it delibered to Rome and Augustus Cassar. There is, is dedicated to Rome and Augustus Casar. There is, also, an arch raised, as the inscription announces, by a Roman lady, in testimony of her affection for her husband. It is a beautiful and elegant structure, admired for its simplicity and admirable proportions. Part of a Roman gateway, containing three arches, was discovered by Messrs. Stanhope and Allason, in 1816. The cathedral has apparently been built on the site of an ancient termole. temple.

uras apparently neen built on the site of an ancient temple.

These ruins sufficiently attest the former magnitude and wealth of this now miserable place. Strabo, Pliny, and Mela, say that it was founded by a colony from Colchis; and of its great antiquity there can be no doubt, it became a Roman colony, and was for a lengthened period the principal town of latria. Pola guandam acolchis, at ferussi, habitate (in guandam res transcuns!) same Romana colonia. (Mcla, lib. ii. cap. 3.)

Maite Brun says that it was destroyed by Cassar for its devotion to Pompey, and rebuilt by Augustus, at the intercession of his daughter Julia. But there is no evidence whatever of its having been so destroyed, or of its restoration in the way now mentioned, other than what may be derived from the fact of its having been sometimes called Pictas Julia!

At present it is very unhealthy in summer, owing to marshes near the town; but these, it is said, might be easily drained. (See Allason's Picturesque Fixeus of and Murray, in his Beadlack, says that it is 366 ft. long, and

⁴ Mr. Murray, in his Handbook, says that it is 366 ft. long, and 292 broad; but the dimensions in the text are those given by Mr. Allason, the architect, from measurements taken by himself on the

Antiquities of Pola; Murray's Handlook, p. 395.; et Wheeler, Voyage d'Italie, qc., 1. 48. 12mo. edit.)
OLAND (Lat. Sarmatia; Pol. Polsk, siging a plain country), formerly the name of independent and extensive country of E. ope, comprising the territories between the and 58th degs. N. lat., and the 15th and 53d i and 58th degs. N. lat., and the 15th and 53d i. E. long.; including, with Poland Proper, unania, Samogitia, Courland, the Ukraine, lolis, and other provs. now belonging to sia, with Galicia, belonging to Austria, the of Fosen, and some other districts in Prussia. But raisting kingdom of Poland, constituted by the conject Vissan in 1818, and now mitted to the Russianire, is of comparatively limited dimensions, extendarly between the 50th and 56th degs. of N. lat., and 8th and 58th degs. of N. lat., and 8th degs. of N. lat., and 9th degs. of N. lat., and 9th degs. of N. lat., and 9th degs. of N. lat., and

Governments.		Area in eq. m.		Pag. in 1847.	Chief sevres.	
long din ;t pastow of W	:	:		14,290 9,329 11,9\5 6,430 7,367	1,535,959 954,064 1,013,434 619,907 547,319 166,997	Warnaw. Radom. Lubin. Piogh. Suwalhi.
_ Tot	ale_	<u>.</u>		49,300	4,857,700	

the pop. about 3-4ths consist of Poles, 1-10th of , and the remainder principally of Russians, Ger., Gypsies, and Tartars.

the pop. about 2-4ths consist of Poles, 1-10th of and the remainder principally of Russians, Geri, Gypsies, and Tartars.

10 whole country, except in the S., where are some ered offices from the Carpathian Mountains, is an aded plain, with a general slope towards the Baltic, hich its principal rivers have their embouchure, se are the Vistula, with its tributaries, the Wispra, Narew, Pilitza, &c., the Niemen, and the Warta. The ula, after bounding the kingdom for a lengthened discon the S., traverses its centre, leaving it near Thorn. Niemen, Bohr, and Bug bound nearly all the E.; the Prosna, a tributary of the Warta, a considerable of the western frontier. These rivers are all more an avigable. There are innumerable smaller streams, and being an extremely well-watered country; and is N., E., and W. are a great number of lakes and y very extensive marshes. The surface, though is abundantly diversified, presenting alternately fercorn lands, savage steppes, rich pastures, sandy cs, dense forests, and dreary ewamps. The climate gorous: the cold of winter is often as great as in den, in a lat. 10 degs. higher; and in 1799, the thereter descended to 27 below zero (Réaum.). In sumhowever, the heat sometimes rises to 120° (Fah.), mean temperature of the year at Warsaw is about Fah. The atmosphere is humil, rainy and cloudy occupying half the year. Between the Vistula and Prussian frontier the soil is generally fertile, the productive districts being in the govs. of Craand Sandomir, and the neighbourhood of Warsaw, in N.B. are also some very fertile tracts; but there, in the govs. of Plock, Lublin, &c., the surface is in t part waste.

ie N.E. are also some very fertile tracts; but there, in the gors. of Plock, Lublin, &c., the surface is in t part waste.

The traveler in Poland sometimes finds himself in teams of surface, almost without a house, a tree, or single object large enough to attract his notice. In however, are descried the skirts of some vast it fringing the distant horizon; and, on entering it, rocced for 8 or 10 miles, more or less, winding with coad, through lofty pines, &c., precluded from the of all objects but trees and shrubs. Sometimes, in nidst of a forest, we meet with a small spot of ground example, of 10 or 20 acres) cleared and cultivated; deep restilly fenced by the green surrounding woods. etimes a small lake is found thus situated, its borders mented in a similar manner: and these, generally king, are the prettiest scenes which Poland furnishes. se forests, in some places, are 15 and even 20 m. in irections. Indeed, if we exclude morasses and the pasture lands, perhaps not more than half of the try, speaking generally, is cleared. At distant interare found plains of some extent, affording rich paster. The best are those contiguous to the Vistula, of which are periodically overflowed by that. Such are those in the neighbourhood of Warasw, h supply that town with good butchers' meat."

Reti's View of Polasad, p. 23—53. This description written early in the present century; and, though a iderable proportion of forest land has been cleared in written early in the present century; and, though a iderable proportion of forest land has been cleared in nterval, it is still substantially accurate. Of 741,000 at of land comprised in the kingdom, 385,000 w. are

and any the states of the country improve; and as we receed southward to the Visita and the face of the country improve; and as which the horse to plough it can be desired and the face of the country improved and as we have a considered and the face of the country improved and as we have a considered and the face of the country improved and as we proceed southward to the Visitua, the surface becomes more undulating, and the soil stronger and more tenancious. In this quarter there are extended the crops are very heavy.

Some of the estates belonging to the nobility of the highest rank are of emormous extent; and, not long since, those of Frince Csartoryski and Count Zamoyuki, taken together, occupied a space nearly equal to half the extent of England! In the times of the republic, the extent of England! In the times of the republic the extent

extent of anguand: In the times of the republic, the former contributed 30,000, and the latter 10,000 men to the army. Owing, however, to the practice of dividing the land equally among the children unless a majorat be established in favour of the eldest son, which is somewhere the case, much of it is possessed in smaller allotments. These, however, we should still call large, for they mostly vary from 5,000 or 6,000 up to 30,000 or 40,000 acres each. The rent and price of land is generally low; depending much more on the number of peasants than the extent of the farm. The crown-lands, comprising 1-2d part of the whole surface, or about 10 million acres, include perhaps 2 million acres of wood, the remainder being chiefly arable land, leased to tenants, who, in consequence, acquire right to the services that may be legally demanded from the peasanty. The tenants of the crown are exempted, as well as their peasants, from some taxes, to which the other occupiers of land are subject, and, in consequence, the crown estates are better stocked with peasants. With this freedom from taxation and ample supply of labourers, the rent of 8,000,000 acres of land is supply of labourers, the rent of 8,000,000 acres of land is consequence, the crown estates are better stocked with peasants. With this freedom from taxation and ample supply of labourers, the rent of 8,000,000 acres of land is said by Mr. Jacob, from whom we have borrowed these details, to have amounted, in 1837, to no more than 4,000,000 forins, about 98,0000, sterling, or somewhat less than 2d, the English acre. But a large extent of land is included in this average that is literally of no value; so that, according to Mr. Jacob, the rent of the cultivable land may be Lairly set down at from 8d. to 14d. per acre. It might, the word, have occurred to Mr. Jacob, that, in point of fact, the money rent of land, in a country like Poland, without towns and without a market for its produce, affords no test whatever of its real value. Lands belonging to private individuals are rarely, indeed, ever let, except for services to be performed on the other parts of the same estate; and the value of the land is to be determined not by the amount of the money rent it will bring, but by the amount of substance it affords, or the number of individuals it will maintain in an average state of comfort, according to the customs and habits of the socdey. Nothing, indeed, can be more perfectly inconsequential fort, according to the customs and habits of the society. Nothing, indeed, can be more perfectly inconsequential and absurd than to set about measuring the value of land in such a country as Poland by the same standard by which it is measured in England. Formerly the whole lands of the republic were the property of the nobility or gentry, and could not be held by any one else. The possession of land was, in fact, of itself, a proof of nobility; and the owner of an estate of 3 acres in extentword in the elections of nuncious and in respect of polinobility; and the owner of an estate of 3 acres in extentvoted in the elections of nuncios, and, in respect of political rights and privileges, was on a level with the richest
nobleman in the country. But this state of things is
now wholly changed. Landed property is no longer the
appanage of a particular class; but may be indifferently
held by nobles, burghers, and passants. Jews only are
prohibited from becoming proprietors of the soil, though
they have numerous mortgages thereon. When they
foreclose, the lands must consequently be sold; and as
the Jews, who engross the greater part of the money
capital of the country, cannot become purchasers, the
prices they yield are very trifling. Latterly, however,
some modifications have been made in the regulations
respecting the Jews, and various privileges have been
conceded to them. ceded to them.

conceded to them.

The most numerous class of cultivators are peasants, who are a species of quasi proprietors of the lands they occupy, holding them under condition of working a stipulated number of days in each week on their lord's demesne, and paying him, in addition, specified quantities of poultry, eggs, yarn, &c. The extent of their holdings varies according to the quality of the land, the quantity of work to be performed, and of payments in

FOL? kind to be made. On a large property examined by Mr. Jacob, the peasants had each about 48 acres of land, for which they were bound to work two days a week with a pair of oxen. If their further labour was required, they were paid at the rate of 3d. a day for two days more, and if beyond that number, they received 6d. a day. On another property, the peasants had about 36 acres, for which they worked 2 days a week with 2 oxen; when called upon for extra labour, they were paid 6d. a day for themselves and their oxen for the next 2 days, or, without the oxen, 3d.

acres, for which they worked 2 days a week with 2 oxen; when called upon for extra labour, they were paid 6d. a day for themselves and their oxen for the next 2 days, or, without the oxen, 3d.

Under the republic, the Polish peasants were slaves, and did not, in fact, enjoy any greater consideration than the blacks of Carolina and Georgia in the present day. They were the absolute property of their masters. Down to 1768, a lord who had killed his slave was merely amerced in a small fine; and though, in that year the offence was made capital, such an accumulation of evidence was required to prove the fact, that the enactment was rendered quite nugatory. (Core, i. 113.) It was customary to make the slaves work five days a week on the estates of their lords; the latter, also, might seize on whatever wealth the slaves had accumulated, might indict on them corporal punishment, and might seil them as if they had been so many head of cattle. The boasted freedom of Poland was, in truth and reality, merely the license of the gentry to trample under foot the mass of the people, to browbeat their sovereign, and sell their votes. It is due, however, to the nobility to state that some amongst them, as the Zamoyskis, the Czartoryskis, and others, perceived the miserable consequences of such a state of society, and were most anxious for the improvement of the peasantry on their estates, of whom they emancipated considerable numbers. Generally, however, the Polish gentry were not inclined to establish or give efficacy to any regulations in favour of the peasantry, whom they scarcely considered as belonging to the same race of beings as themselves, or as entitled to the common rights of humanity. Under these circumstances, no one will be surprised to learn that the Polish peasantry, at the dismomberment of the republic, were in the lowest state of degradation, being at once ignorant, indolent, addicted to drunkenness, poor, and improvident in the extreme. (Coxe's Trancels, 114; Voyang'e deau Français dans le Nord de l'Europe, v

isting kingdom, in 1807; the labour and services due by the peasants to their lords having been since regulated and defined by law. Owing to the ignorance of the peasantry, the influence of this great and salutary change was for a lengthened period less considerable than might have been supposed. Though the peasants may now leave one part of the country to settle in another, they must first pay off any debt that may be, owing their lords; and from inability to do this, and various other circumstances. there do not often out the easters on circumstances, they do not often quit the estates on which they were born. When a young peasant marries, his lord assigns him a certain quantity of land, sufficient for his maintenance and that of his family in the way in which they have been accustomed to live. Should the family grow numerous, some little addition is made to the grant. At the same time, the young couple obtain also a few cattle, as a cow or two, with steers to plough their land. These are fed in the stubble, or in the open places in the woods, as the season admits. The master also provides them with a cottage, with implements of husbandry; in abort, with all their little moveable property. Owing to the powerful influence of old habits, but few peasants improve the little stock committed to their management; their conduct, according to Mr. Jacob, being most frequently marked by carelessness and a want of forecast. This, however, is by no means uniformly the case: there have been many instances of accumulation; indeed; several of the peasants have become proprietors, while others have hired a larger family grow numerous, some little addition is made to the unionity the case: there have been many instances of accumulation; indeed; several of the peasants have be-come proprietors, while others have hired a larger extent of land. But it will require the lapse of a length-end series of years before any very general change be made in the habits and condition of the bulk of the

made in the habits and consultion of the ball of the people.

Speaking generally, the houses of the Polish peasantry are miserable hovels. They are all built of wood: even "those of the better class have merely the ground floor. On the exterior they are, in every point of view, humble, very often mean in appearance: the interior is occasionally somewhat better, though an Englishman looks in vain for any thing like comfort. There are usually 2 or 3 ordinary rooms, whitewashed, though only one serves, for the most part, as a sitting-room. The floors are sometimes of earth only, but more frequently planked. A bed stands almost always in every room." (Burnett's Tracets, p. 126.) The villages, which are of the most

wretched description, are thinly scattered, rather along the skirts than in the midst of the forests, and sometimes in vast bare heaths, where no other object is to be seen. They consist of from 10 to 50 miserable huts, rudely con-structed of timber, and covered over with straw, turf, or shingles; and afford so imperfect a shelter, that the in-habs. are glad to stop up the chimnies in winter, and to be half smothered with smoke, rather than die of cold. Rach of these huts consists generally of only one swerthabs. are glad to stop up the chimines in winter, and to be half smothered with smoke, rather than die of cold. Rach of these huts consists generally of only one spartment, with astove, round which the inhabs, and their cattle crowd together. Bad as these villages are, you may travel 10 m., even in the clear part of the country, without seeing one, or indeed beholding any human habitation. The common diet of the peasantry is cabbage; potatoes sometimes, but not generally; pease, black bread, and soup, or rather gruel, without the addition of butter or meat. Their chief beverage is the cheap whiskey of the country, which they drink in quantities that would astonish the best customers of the gin-palaces of England. Their houses generally have little that merits the name of furniture; and their clothing is at once coarse and disgustingly filthy. These, however, are only their general characteristics. The condition of the peasantry depends much on the character of their lords, and upon the more or less embarrassed state of the property on which they may be settled. On the estates of opulent and enlightened landlords, it is wholly different from what it is on the estates of those of an opposite description, and may, indeed, be said to be decidedly comfortable.

It is, perhaps, hardly necessary to state, that from the abour amilied to the lords' exterts being rendered as

comfortable.

It is, perhaps, hardly necessary to state, that from the labour applied to the lords' estates being rendered as compulsory service, it is performed in the most negligent and slovenly manner possible. Mr. Jacob says that all the operations of husbandry are very ill executed; the ploughing is shallow and irregular; the harrows, with wooden tines, do not penetrate sufficiently to root up weeds in fallowing; so that the land is always foul, and in bad order. The same want of attention prevails in thrashime. In short, the natural effects of the system of dutybad order. The same want of attention prevails in thrashing. In short, the natural effects of the system of duty-labour are strikingly visible in the whole administration of most of the large estates where it is followed; and is hardly even prevented from exhibiting itself on the estates belonging to the few proprietors who have intelligent and active managers, and are free from pecuniary embarrassments. The common course of crops is the old system of a whole year's fallow, followed by winter corn, and that by summer corn, and then a fallow again, so that 1-3d part of the land bears nothing. The winter crop, in the N. of Poland, consists of wheat and rye, the latter being to the former nearly as 9 to 1, the little manure that is preserved being laid out on the wheat land. In the S. part of the kingdom, the wheat bears a larger proportion to the rye, amounting, on the more land. In the S. part of the kingdom, the wheat bears a larger proportion to the rye, amounting, on the more tenacious soils, to 1.5th, and in some cases to 1.4th part, or upwards. On a well-managed farm in the prov. of Lublin, the quantities of seed and produce are said by Mr. Jacob to have been as follows: Potatoses, about 30 bushels to the acre planted, and about 200 bush. raised; wheat, 2 bush. sown, and from 16 to 20 reaped; rye, 2 bushels sown, and from 12 to 15 reaped; buck-wheat, 3 bushels sown and from 10 to 15 reaped; The barley. wheat, 2 bush, sown, and from 16 to 20 reaped; rye, 2 bushels sown, and from 12 to 15 reaped; buck-wheat, 3 bushels sown, and from 10 to 15 reaped; buck-wheat, 3 bushels sown, and from 10 to 15 reaped. The barley and oats scarcely yield four times the seed. Manure is applied after potatoes for the wheat, the former having the benefit of fallowing. This farm was one of the few in which all the labour, except that of the oxen and their drivers, was paid for in money, and not in produce. The common plan of thrashing is to give the thrasher a certain proportion of the corn, varying, according to circumstances, from the 14th to the 16th bushel. In the generality of farms, the increase is considerably less than the above; the average produce of wheat being estimated at not more than 14 or 15 bushels; rye, 10 or 12; the acre; or at not more than balf the average produce of similar crops in England. In the S. parts of Sandomir and Cracow the crops are more than usually heavy; but they are celebrated more for the excellent quality of their corn than for its greater produce. In Sandomir, a narrow district about 60 m. in length, extending along the Vistuia, produces the heavy and fine grain known in London as Dantsic white wheat, but the average growth is rarely beyond 20 bushels an acre.

as Dantzic white wheat, but the average growth is rarely beyond 30 bushels an acre.
The stock of cattle is small in proportion to the extent of land and the number of the inhabs. The Polish horses, formerly held in high estimation, have much degenerated, and a good breed is be met with only in a few studs. A miserable race of colts is employed to transport merchandise, and field labour is almost wholly performed by oxen or cows. The latter are small, and generally kept in bad condition, both as to food and cleanliness. They are mostly stall-fed, but, from negligence, yield very little butter, and no good cheese. The common breed of the country may be worth from 21s. to 30s. a head: but considerable numbers of a superior breed are annually imported from the Ukraine, which may be worth 31s, or upwards, a head. Previously to the late

lution, the total number of sheep in Poland was hily estimated at about 3 millions; but though the try be extremely well adapted for sheep breeding, Polish breeds were greatly inferior to those of Saxand there were very few flocks of fine-woolled sheep-rily, however, the Polish wool has improved very h in point of quality; and is now sent in large titles to the markets of Leipsic, Berlin, and Breelau, to it sometimes brings a very high price. Hogs, gh not very numerous, are of a good breed, originally Hungary.

Is burdens laid directly on the land are not very. Tithes are moderate, and principally compounded

y. Tithes are moderate, and principally compounded t fixed rates. A small sum is levied in each district he repair of roads, bridges, and other local purs; but that and the land-tax do not exceed 25 per on the presumed annual value of the land, which ually far below its real value. The other taxes fall ually far below its real value. The other taxes fall lly on the different classes of the community. That ser is let to farm by the government to the brewers. ry duties are laid on foreign commodities, such as r, coffee, wine, &c. The great mass of the popun cannot, however, afford to purchase such luxuries, content themselves with honey, dried chicory, and

key.

te forests are highly important, and in the govs. of ustow and Plock they cover more than a third of the surface; though in some of the other govs. have been much neglected, and wantonly cut down; cially in the gov. of Cracow, where, however, the of wood-riel is supplied by coal. Scotch pine, i of wood-riel is supplied by coal. Scotch pine, i fir, aider, aspen, oak, beech, ash, maple, linden, elm, are the principal forest trees, and the Pollish and fir timber is decidedly preferable to that of Ame-Most of the larger forests belong to the crown,

and fir timber is decidedly preferable to that of Ame-Most of the larger forests belong to the crown, are felled in portions annually, so as to cut them y 50 years Mr. Jacob states, that the wood cut in one on the forest land belonging to the crown, produced Nt. sterling, being at the rate of 5½d, the acre on the e of the woods, or 3½. on the part actually cut. ob's Report on the Agric. of Poland; Burnet's View James'; Cox's Trav., \$\frac{1}{2}C.\frac{1}{2}\) nong the wild animals may be specified the bison. Zubr), found in the vast forests of the prov. of h, traversed by the Narew. The Emperor Alex-r prohibited the chase of the bison, of which, per-the only remnant in Europe is now to be found in

T prohibited the chase of the bison, of which, per-the only remnant in Europe is now to be found in k and the adjoining Russian prov of Bialystock, ite Brun, Tableau de la Pologue, p. 55.) The other animals include the elk, roebuck, wild boar, bad-foxes, harea, &c., the skins of which last form

inerals are more numerous and valuable than might inerais are more numerous and valuable than might been expected in so flat a country. Bog iron is d almost everywhere; but the principal mining dis-are in the S., in the govs. of Cracow and Sando-Coal is raised in considerable quantities at Bend-Redem, Niemcy, &c. Zinc, which is exported in derable quantities, is found in the vicinity of Cra-lead at Othusa; and copper at Kielce. Iron of ex-rt quality is also mined in Sandomir.

team at Unitest; and copper at knetes. From of art quality is also mined in Sandomir.

e domestic massayacture of woollen and other stuffilversal throughout Poland, almost every agriculfamily having a loom for the manufacture of the cloths required for their consumption. The yarn to be partly imported from foreign countries, but down, which occupies 500 hands, and produces, beyarn, a quantity of linen cloth. In 1829, the woolloth made in the country was estimated at 7,000,000 hells, worth upwards of 70 millions 8., about a part of which was sent into Russia. During the roed period which followed, the production of Pollah ens sank to one third of what it had previously; but it has lately revived in consequence of the ration of Pollah cloths into Russia, duty free, where are in extensive demand for the clothing of the 3, and other purposes. They are, also, sent in cons, and other purposes. They are, also, sent in con-ble quantities to Kiachta, on the borders of Chi-Tartary. Leather is the manufacture next in im-nce; and then follow linen and cotton fabrics, asilnce; and then follow linen and cotton fabrics, sali-paper, bleached wax and wax candles, alum and chemical products, glass, printing types, lewellery, ges, &c. Generally, however, these articles are pro-on a very small scale; and notwithstanding the ness of labour, they are mostly, from the want of in the part of the workmen, at once high-priced and or. Poland, in fact, is an agricultural country; scept a few of the more bulky and coarser articles, uld, were the citizens permitted to resort to the est markets, derive almost all its manufactures and so f luxury from other countries, in exchange for ness of labour, they are mostly, from the want of in the part of the workmen, at once high-priced and or. Poland, in fact, is an agricultural country; except a few of the more bulky and coarer articles, and in the different gors. Of Russia.

The civil and commercial codes at present in force are, for the most part, the same as in France: the criminal except a few of the more bulky and coarer articles, desired and an interferent and an articles in social and religious liberty are nominally guaranteed; and those who do not interfere with politics are as secure in a sof luxury from other countries, in exchange for wood, timber, tallow, fax, spirits, and such like is Spirits are distilled in every village from rye statoes, but their sale is still, as formerly, a manoght, each lord of a manor having the exclusive sale rits within his domain. There are breweries in

Warsaw, and in some other large towns; and mead, and drinks made from raspherries, cherries, &c., principally in the 8. prors., are favourite beverages of the people. Of late years several beet-root sugar factories have been established.

established.

The trade of Poland is almost wholly in the hands of the Jews. The internal commerce is carried on chiefly by means of fairs, at which, also, a considerable portion of the foreign trade is conducted. The latter is principally with Russia, Prussia, Austria, and the republic of Cracow: in 1830 the following was the value of the several exports to, and imports from each of these states, according to the Petersburg Commercial Gauctic for 1833.

		Imports.		
Russia		Polish Plovins. 14,514,496 27,596,521 258,879 2,703,241	Polisk Floring, 19,282,999 18,239,106 9,366,395 825,184	
	Totals	ا ِ ٠	45,073,137	47,718,684

During the revolution the exports decreased greatly, while the imports were considerably augmented. Since that period, however, the balance has been in a great measure restored. England, Holland, France, and sometimes even America, take off, through Dantzic, most of the corn which Poland has to export. But in years when prices are high in England, and when, consequently, there is a great demand for corn in Dantzic, a good deal of the supplies brought to that port come from Galicia. The customs and octroi duties produced in 1830, 8,794,231 fl., and in 1832, 9,239,030 do. Goods are couveyed in summer by heavy waggons, and in winter by sledges; but the roads are generally bad, and during the late insurrection were much cut up; latterly, however, government has been exerting itself for their improvement. Steam navigation is but in its infancy; and merchandise is at present forwarded down the rivers by flat-bottomed boats to the Prussian ports. But Russia seems to be endeavouring to put a stop to But Russia seems to be endeavouring to put a stop to the intercourse between Poland and the Prussian ports but Russia seems to be endeavouring to put a stop to the intercourse between Poland and the Prussian ports on the Baltic, by constructing a great commercial road from the S. W. angle of Poland to the Baltic; and a railway has been planned, for which the capital is aiready subscribed, and the works begun, to convey to the harbours of Windau and Libau the goods which formerly went to Tilist or Memel, or by the Pregel to Königsberg. (Russia sunder Nicolas, i. pp. 124, 125.) A similar purpose is served by the canal of Augustow, connecting the Narew and Vistula with the Niemen, and which is to be continued to the Baltic by the Windau Canal, in the gov. of Wilna. The canal of Augustow is 96 m. in length, from 5 to 6 ft. in depth, and of sufficient breadth for two large boats to pass each other with ease. It has 17 locks, and several convenient basins in different parts of its course. It was wholly completed between 1821 and 1829, and is now the means of an active traffic. These, however, are all violent and unnatural measures, and ver, are all violent and unnatural measures, and however, are an violent and unnatural measures, and can have no useful or permanent result. No one can take up a map without being satisfied at a glance that the Vistula is the proper highway of the country, and Dantric her proper shipping port.

Accounts in Poland are kept in xlots, groeckers, and forins: the florin = about 9d., is divided into 30 gr. The Polish lb. is about equal to 14 os. avoird.: the ship-

pound = 416 lbs.

pound = 416 lbs.

Government. — Previously to 1831, Poland had its two legislative chambers, those of the deputies and the senate; but since the unhappy attempt at a revolution that then broke out, Russia has suppressed these chambers, and Poland is governed nearly in the same way as the other pertions of the empire. The council of administration for the kingdom consists of 3 directors-general tration for the kingdom consists of 2 directors-general (of the interior, justice, and finance), a comptroller-general, and other persons appointed by the sovereign. The reports of this council are submitted to the emperor by a secretary of state for Poland residing in Petersburg. There is also in that capital a department for Polish affairs, established since 1833, to which the government of Poland is confided. The legislative power is vested in the sovereign, and the proposed laws for this kingdom are submitted for his sanction by the Russian council of state. The local administration is exercised by civil governors, with the same powers as those established in the different govs. of Russia.

The civil and commercial codes at present in force are.

come before the tribunals of original jurisdiction in the caps. of the several governments. At Warsaw, besides a court of appeal, there is a supreme court of cassation, and commercial tribunals are established in all the principal towns. Criminal causes are fried in separate tribunals, of which there are 4 in the kingdom. Political offences come under the cognisance of a council of war, or a commission specially appointed.

Religions.—Until lately, upwards of 3-4ths of the Poles belonged to the Rom. Cath., or the United Greek church, the Greco Russian communicants being but few in number. But of late the Russian government has, by every means, been endeavouring to shake the spiritual dependance on the court of Rome, not only of the Poles, but of the United Greeks throughout the empire; and its measures, in this respect, appear to have been attended with so much success, that, in 1839, from three to four millions of United Greeks, including most of those of Poland, had joined the orthodox Greek church. Until 1839, the Greec-Russians had no prelate in Poland; but at that period an archimandrite was appointed, who resides at Warsaw. The bishop of the United Greek church resides at Heline, in Lublin. The Rom. Catholica have an archbishop and eight bishops, nominated by the Pope on the recommendation of the Emperor of Russia; and the bishop of the government of Cracow exercises authority over the free city of that name, and its torritory. There are a number of convents possessing territorial revenues; but the secular clergy receive a regular stepend from the government, the landed possessions formerly belonging to them being now public property. The parish priests, however, receive tithes, the amount of which is sometimes very considerable. The Lutherans and Calvinists, amounting together to about 220,000 persons, are principally Germans. There are a few Memonites and Moravians, and some Mohammedans.

Public Instruction.— Previously to 1830, education was scarcely diffused at all, except among the nobility and unner

nonites and Moraviana, and some Mohammedans. Public Instruction.—Previously to 1380, education was scarcely diffused at all, except among the nobility and upper classes residing in the towns, and the total number of persons receiving instruction at that period is said not to have exceeded 16,000, or about 1 in 260 of the pop. After the suppression of the insurrection, the schools were shut for several months, and when reopened, were organized upon the same plan as those of Russia. Private schools are subject to the same inspection on the next of the government as rublic schools. of Russia. Frivate schools are subject to the same inapection on the part of the government as public schools.
In 1834 there were, in all, 43,794 pupils in public and
private establishments; and in 1839 the number, at
1,199 schools of all kinds, was estimated at 70,000, or 1
to every 62 individuals. (Russia under Nicholas I.,
p. 188.) In 1836 an order was issued by the Russian
government, directing that there shall be a teacher of
the Russian language in every primary school; and
that all children attending such schools shall be obliged
to learn the Russian language: it was, also, at the same
time, ordered that no individual should be employed as
a tutor unless he possessed a testimonial signed by the
proper authorities, certifying his ability to give instruction in the Russian language; and that no person unacquainted with Russian should be promoted to any civil
or military employment.

quainted with Russian should be promoted to any civil or military employment.

This regulation, as was to be expected, gave much offence to the Poles, and has been the theme of much dide decianation in this and other countries. Russia, no doubt, wishes to secure her hold over Poland; and every thing that tends to Russianise the latter, and to give her people the same tastes, habits, and modes of thinking as the Russians, must necessarily contribute to this end; and we believe it will be generally admitted, that of all the means to bring about this consummation, the gradual substitution of the Russian for the Polish language will be one of the most effectual. If there were any rational prospect of Poland being able to emancipate herself from the yoke of Russia, one might regret the measure. But as there is no such prospect, emalcipeus nersett iron the yoke or roussis, one singui-regret the measure. But as there is no such prospect, the interests of both countries will be best promoted by their being, as far as possible, consolidated into one

peopie.

The Polish army, which before 1831 amounted, in time of peace, to 35,000 men, is now amalgamated with that of Russia.

that of Russia.

The Poles are a remarkably fine race of people, being well formed, strong, and active. In their general appearance, they are said to resemble the western asiastics rather than the Europeans, and are, most probably, of Tartar origin. The gentry are haughty and brave, but, at the same time, frank and generous. The peasantry, bowerer, bowed down by continual oppression, are cringing and servile; their whole behaviour eviticing the state of abject servility from which they are now being emancipated. The nobility are very numerous in Poland, amounting at present to not less than 283,430 individuals. According to the pid laws of the republic, the nobles were *errygress*; every.person who possessed a freebold estate, how small soever, or who could prove his descent from ancestors formerly possessed of such an estate, and who had not debased himself (1) by

engaging in any sort of manufacture or commerce, was a nobleman or gentleman, the terms being in Poland synonymous. The gentry were all held to be equal to each other, the titles of prince, count, &c., which some of them enjoyed, not being supposed to add any thing to their real dignity. Under the republic, the nobility were every thing, and the rest of the people nothing. The former were the absolute lords of their estates, and of the boors by whom they were occupied. They enjoyed the royal privilege of maintaining troops, and constructing fortresses; and they only could elect the sovereigns. No noble could be arrested without previous conviction, except in cases of high-treason, murder; or robbery on the highway; and then only provided he were taken in the fact! His house was a secure asylum to all to whom he chose to extend his protection, whatever might be their crimes. Even his vassals could not be arrested, nor their effects seized; they were exempted from all payment of tolls and other direct duties; and though the king might bestow titles, he had no power to crease a nobleman or gentleman, that being the exclusive privilege of the Diet. Happliy, however, this state of things has been wholly changed. Under the vigorous governments of Russia, Austria, and Prussia, the oppressive privileges of the nobles have been suppressed; they can no longer trample with impunity on their inferiors, nor commit offences without subjecting themselves to the full penalty of the law; and a poor gentleman no longer considers it a degradation to engage in some department commit owners without supering themselves to the full penalty of the law; and a poor gentleman no longer considers it a degradation to engage in some department of industry. (Busching, Introduction to Poland, § 4.; Malte Brun, Tableau de la Pologae, 266.; Coxe, i. 102.,

&c.)
Though modernised in a considerable degree, the richer Polish nobles continue to live in large castles, in a state of rude hospitality, entertaining great numbers of their dependants and such strangers as may happen to visit them. At these feasts the practice of sitting below the salt is still kept up, the best dishes and the best wines being appropriated by the titie of the guests.

Jews are more numerous in Poland than in any other Rurencan country. having amounted. In 1838, to 411,307

Jews are more numerous in Poland than in any other European country, having amounted, in 1838, to 411,307 individuals, of whom 338,677 lived in towns, and 72,630 in villages, or in the country. They are, as already stated, in the exclusive possession of the commerce of the country; they, also, are the great manufacturers and sellers of spirituous and fermented liquors; advance money on lands and goods; are the only jewellers and silversmiths; and carry on all pecuniary dealings. Those in the towns are mostly all burgesses; and they may be said to engross all the most lucrative businesses. But notwithstanding all this, the majority of the Israelites are extremely poor. They seem, also, to be in a lower state of civilization than any other class. Even the richer individuals, though they occupy the hest houses in the individuals, though they occupy the best houses in the towns, appear to care little for cleanliness or comfort; and the lower orders live in a state of filth and discom-

towns, appear to care little for cleanliness or comfort; and the lower orders live in a state of filth and disconfort that would be intolerable any where else.

There are in Poland many instances of longevity, and, on the whole, the country may be said to be healthy; but the people are, notwithstanding, especially liable to endemical diseases, such as small pox and fevers, which frequently make great havoc. Among the diseases, seem as small pox and fevers, which frequently make great havoc. Among the diseases of the head, which terminates by affecting the hair, which it dilates, softens, and clots into one undistinguished mass. This disgusting malady spares neither age nor sex, gentry nor peasants, though it be more frequent among the latter than the former. Various theories have been formed to account for its origin: most probably it is occasioned by the had water, unwholesome food, and filth of the people.

Poland suffered much from the outbreak in 1831, in consequence partly of the destruction of property, and partly of the proscriptions and oppressive measures which it occasioned. Within the last few years, however, the country has again begun to revive.

The municipal revenues of Warsaw amountsd, in 1834, to 4,094,000 fi., an increase over their amount in 1839 of nearly one fourth. and the value of insured britishings.

ever, the country has again begun to revive.

The municipal revenues of Warsaw amounted, in 1834, to 4,094,000 fi., an increase over their amount in 1839 of nearly one fourth; and the value of insured beildings, throughout Poland, in 1835, was estimated at 506,187,000 ft., being an increase of 112,304,000 ft. over that of the buildings insured in 1839. Population has hereased still more rapidly; having amounted, in 1838, to 4,088,389, and to 4,298,963 in 1838. The old roads, also, have been materially improved, at the same time that several new ones have been undertaken; so that, on the whole, however depressed in some respects, the country is certainly advancing in improvement.

History.— The history of Poland commences from the loth century. In 1139, Boleslaus, under whom Christianity had been introduced into the country, divided the kingdom among his four sons, which was the source of a lengthened series of civil wars, and of all sorts of disasters. At length these different portions were united under one sovereign, in 1296. The reign of Casimir the Great, which began in 1333, and terminated in 1370, is

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most brilliant in the Polish annais; still, however, foundations were laid in it of that anarchy that deved the kingdom. Casimir, having no children of own, and being anxious that the crown should deve, at his death, on his nephew Louis, king of Hunry, in preference to the legitimate heirs, obtained, for it purpose, the sanction of a general assembly of the bles, and Louis agreed to the conditions under which yoffered him the crown (Koch, Tabless des Revocous, 1. 394.); establishing, in this way, a precedent for like interference on future occasions. On the death Louis the grand duchy of Lithuania was united to the bwn by the marriage of Jagelion, its grand-duke, to daughter of Louis, who had succeeded to the throne, house of Jagelion continued to occupy the Polish rone for about two centuries; but at each change of a vereign an assembly of the nobles or diet was held, at itch the new sovereign was formally elected to the cone for about two centuries; but at each change of a vereign an assembly of the nobles or dist was held, at ich the new sovereign was formally elected to the rone. On the death of the last of the Jagellons, in 72, the throne of Poland became, substantially as well formally, elective, and it was called not a kingdom but epublic. Henceforth, on the death of a sovereign, the bility or gentry repaired in vast numbers, sometimes the amount of 100,000, on horseback, and armed, with owds of attendants, to a sort of camp in the neigh-urhood of Warsaw, to elect his successor, who had to bscribe, and make oath to observe, the pacta consenta, conditions under which he had been elected. These are such as to reduce the royal authority within the irrowest limits, to secure and extend the privileges of e noblity and clergy, and to perpetuate the degradion of the people, who, being slaves in the fullest tent of the term, were not supposed, in fact, to have y legal existence! The famous John Sobleski, the iliverer of Vienna, elected to the throne in 1674, was the last of the great monarchs of Poland. But in the ter part even of his reign the vices of the Polish contuction, and their fatal operation, became obvious; and ey thence continued to increase in number and virunce till its total subversion. (See the Histoire de Jean bictski, by the Abbé Coyer, passim.)

bicski, by the Abbé Coyer, passim.)

Exclusive of the diets of the election of the soverigns, ordinary diets were held, at least, once every two ars, at which all matters connected with the government of the country were discussed and decided upon. Is easy to see, from what has been already stated, that his form of convernment could not full to are notice there. cars, at which all matters connected with the government of the country were discussed and decided uponis easy to see, from what has been already stated, that his form of government could not fail to produce great arty contests and disorders, and that it must have forded every facility to the surrounding powers for acuiring a preponderating influence in the diet. Proably, however, the abuses already noticed might have een repaired, but for the principle, if we may so call, first introduced in 1652, that no decision could be ome to upon any matter submitted for consideration, nless the diet were unanimous. Hence the singular nd extraordinary privilege of the liberuss seto, by which ny single member of the diet was permitted to interces his absolute veto, and, by doing so, could nullify its rhole proceedings! And, which is even more extraorinary, this absurd privilege, which allowed the whim, aprice, or bad faith of an individual to prevent the doption of any measure, however necessary and hower generally approved, was, for a lengthened period, egarded by the Poles as the palladium of their liberties! Abrigé de l'Histoire du Nord, il. 683.)

It is plain, from these statements, that latterly the whole powers of the state were engrossed by the nobles, or gentry, many of whom, though enjoying the same collitical rights and franchises as the others, were mierably poor. In consequence, corruption, intimidation, and such like arts had full scope in the Pollah diets, particularly in those held for the election of sovereigns; and latterly the crown was, in fact, either sold to the highest bidder, or the election was decided under the influence of foreign force. And if, while the government was in this state of absæment, we bear in mind that the whole people, with the exception of the nobles or gentry, were slaves, on whom every indignity might be practised by their masters, it will be seen that there is but little to regret in the subversion of such a state of hings.

indeed, the only wonder is, that Poland was not sooner erased from the list of uations. Its partition had, in fact, been proposed by the Swedes in the reign of Casimir V., a short while previously to the election of John Sobleski, as the only method by which the disorders that existed the county method by which the disorders that bleski, as the only method by which the distributions againsted the country could be put an end to, and the inconvenience thence arising to the surrounding states be obviated. (Ruhlhière, Anarchée de Pologne, 1.68.) But it was not till more than a century after that the first par-

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itition was agreed upon, in 1773, by the emperor of Austria, the empress of Russia, and the king of Frussia, by which about a third part of the kingdom was dismembered, and added to the dominion of the partitioning powers! But it was not to be supposed that having once begun to share in so rich a spoil, these powers would rest satisfied with this acquisition. The pretexts for farther interference still continued undiminished. Poland, as before, remained a prey to all sorts of disgreers, and the Russian ambassador, and not the king, was the real sovereign.

In 1791 the majority of the nobility and gentry then assembled in a diet, which had been made permanent, being desirous to raise their country from the miserable state into which it had fallen, and stimulated by the events connected with the French revolution, drew up the profet of a new constitution on a more liberal and broader basis, abolishing the therems welo, and making the crown hereditary, on the demise of the king, in the Saxon family. This constitution was accepted by the king; but the great bulk of the nation did not, and could not, take any interest in the change; and the government were wholly without the means of supporting the new order of things. Russia had little difficulty in fomenting fresh disorders; and the unfortunate Poles, with an imbedie sovereign, without forces, and shandoned and betrayed by their pretended allies, were again compelled to submit to a fresh diamemberment of their country.

Provoked by these repeated indignities the Poles, under Kosciusko, rose in rebellion in 1794. But ther means were totally inadequate to the struggle in which they had engaged; after displaying prodigies of valour, Kosciusko ass defeated and taken prisoner (10th October, 1794), and Praga, the suburb of Warsaw, being taken by storm, that city forthwith surrendered; and there being no longer any obstacle in the way, a dismemberment of the remaining territories of the republic took place of the remaining territories of the republic took place

1793, and Poland was finally obliterated from the map of Europe.

The powers who dismembered Poland had, in reality, nothing better to allege, in justification of their measures, than the robber's plea, that the power to commit an act makes it at once right and expedient! But, how objectionable soever the motives by which they were influenced, and how dangerous soever the precedent which they established, there can be no reasonable doubt that their measures have been decidedly advantageous to the great bulk of the Polish people. The vices inherent in Polish society were such that it is idle to suppose they could have been eradicated by any remodelling of the constitution. There was no middle class (or none worth notice) in the country; nothing between nobles, jealous of their rank and privileges, on the one hand, and newly-emancipated slaves, brutailsed and degraded by a long course of oppression, on the other. To restrain the first within the limits prescribed by law, and to raise the econd class, was a work that could only be undertaken by a powerful government, such as there were no means of forming out of native materials. It is to be regretted that Russia obtained the lion's share of the spoil; but even in Russian Poland the condition of the people has been very decidedly changed for the better; and in their the

that Russia obtained the lion's share of the spoil; but even in Russian Poland the condition of the people has been very decidedly changed for the better; and in Austrian and Prussian Poland, the improvement in their condition has been signal and extraordinary.

The existing kingdom of Poland originated in the grand duchy of Warsaw, established by Napoleon in 1807. It was assigned to Russia by the Congress of Vienna, and obtained from the Emperor Alexander a representative constitution. Unfortunately, however, the diagust occasioned by the brutality of the Grand Duke Constantine, commander-in-chief of the Russian forces in the kingdom, conspiring with the excitement produced by the French revolution of 1830, and the abuse of Russia in intemperate and ill-judged speeches in the H. of C. and Ch. of Dep., which made it be believed that England and France were ready to assail that power, precipitated the Poles into an insurrection. The result was such as all men of sense anticipated from the outset. The Poles made a gallant stand in defence of their ilberties; but in the end every vestige of their independence was totally destroyed. The name of the kingdom remains; but its peculiar privileges have been subverted, and it is now substantially and in fact a part of the Russian empire.

POL-DR-LEON (ST.), a sea-port town of France, dep. Finisterre, cap. cant., on the Channel, 10 m. N.W. Moriaix. Pop. (inc. comm.) in 1846, 6,585. Though ill-built, it is clean, well psved, and remarkable for its antique edifices. Its cathedral, a structure of the 18th century, has some excellent carving; and a tomb, said to the that of the first Breton king. The church of Kreisker, built in the 14th century, has a spire 394 ft. in height, and one of the handsomest in France. (Guide & Voyageur.) St. Pol has some trade in cattle, horses, linen, hemp, &c., but to no great extent.

St. Pol has some trace in cattle, norses, innen, nemp, &c., but to no great extent.

POLIGNY (an. Castrum Olinum), a town of France, dep. Jura, cap. arrond., on elevated ground, 13 m. N.E. Lons-le-Saulnier. Pop., in 1846 (inc. com.), 5.385. It consists principally of 4 long parallel streets, and is well

⁹ The dists consisted, 1, of the senate, composed of the bishops, palatinas, or perpetual governors of provinces, castellans, or governors of towns, and the grand officers of the crown; and, 2, of the success, or representatives of the nobles, or gentry. These bodies did not, however, deliberate separately, but together; and, as will be immediately seen, they could come to no resolution without being unanimous.

built, clean, and ornamented with several handsome fountains. Among its public edifices is a well-constructed slaughter-house. Poligny was formerly a place of importance, and a favourite residence of the sovereigns of Burgundy. It has a few manufactures of common earthenware, saltpetre, glue, &c.; and is a sub-prefecture, though the superior courts for the arrond. sit at Artois. [Higgo, art. Justa, &c.]

POLTAVA. a gov. of European Russia, lying along the K. side of the Dniepr, by which it is separated from the governments of Kherson and Kieff, having the gov of Tcherolgoff on the N., and those of Kharkoff and Rkaterinosiaff on the R. and S. Area estimated at 19,000 sq. m. Pop., in 1846, 1783,800. (Kappen.) Surface quite flat; soil excellent; in some parts there is a scarcity of wood. Besides the Dniepr, the principal rivers are its affluents, the Vorskla, Piriol, and Sula. This and the surrounding governments constitute what may be called the granary of Russia. It is one of the best cultivated districts of the empire: the return of the corn crops is said to be as 6 to 1, the total produce being about 6,506,000 chetwerts, of which about 1,500,000 are exported. The grazing grounds are excellent, affording pasturage for large herds of the fine Ukraine breed of which has latterly been much improved. Some peasants have above 100 bee-hives. Manufacturing industry has not made much progress; but there are fabrics of cloth and linen, with numerous distilleries, and establishments for the preparation of tailow, candles, &c. Large quantities of corn, tailow, and other products, are annually sent from this government to Odessa, and oxen to Moscow, Petersburg, &c. (Schail, La Russie, &c., v. 465). Politya, the cap, of the above gov. on the Vorskla; is stands on an eminence, and is built principally of wood, with broad and straight streets. There is a good square, with brick houses, embellished with a granite monument in honour of its deliverer, and the regenerator of Russla, Polity human shall be a considerable commerce.

Supposed aggregate pop., 1,500,000; but all calculations of this kind are merely conjectural, as there are few or no data. The equator forms a couvenient dividing line between these groups, which may accordingly be comprised under the heads of N. and S. Polynesia, as foliows, the order being from W. to E. [See next column.] The whole of Polynesia may be considered as a series of submarine mountain ranges; for no portion of the earth's surface has more numerous inequalities, and nowhere, except in America, have the chains so marked a course from N. to S. Indeed, all the archipelagos have, more or less, this direction, and it not unfrequently happens that the small chains are individually terminated by an island of larger size than the others with which it connected. Many of the larger islands, and particularly those which shoot up to a considerable elevation from the sea, consist of basalt, as well as other igneous formations; and in many of them are distinct traces of volcanic action, with a few active volcance. To this class belong the Friendity Islands (the largest of which, called Otaheite, has a mountain rising to the height of 10,000 ft. above the sea), the Marquessa, and Sandwich Islands, in the last of which are several, both extinct and active, volcances, rising from 12,000 to 16,000 ft. above the sea. The desert group of the Galapagos is likewise in a state of igneous action, and the whole is a mere

Names of Insular Groups.			Situation.			
Names of Insular	Lat.		Long.			
I. N. Polyne	eia.				1	
Pelew Islands	- 6	bout	80	N.	1350	E.
Ladrone -		-	170		1470	-
Caroline			70_1	70	1500-1	700
Radick	-		60-	100	1640-1	790
Sundwich			900		1560_	W
Gallapagos — -		10	10		990	1.5
11. S. Polyne	ria.	- 11			1.50	
Admiralty Islands		-	90	8.	1490	E
New Ireland, New	Britain.	and			4.00	-
New Hanover -		-	60_	90	1590	
Louisiade (little know	m) -	-	100		1480 5	
Solomon's Islands		- 2	80		1500-1	610
New Hebrides and Ne	w Caled	onia	190-1	190	1649-1	700
Q. Charlotte's Island	1 1	-	190		1660-1	7110
riendly -			150-5	10	1780 E.	650 W
Navigators' -	1.4	- 2	150		1739	
Society -		-	130-3	10	1589-1	430
Dangerous Archipelas	e •	-	190_1	90	1449-1	390
Marquesas			80-1	10	1400	
Pitcalrn Island -			900	7	1330	
Lastern			270		1090	

mass of lava and similar productions. The numerous small islands that stud the Pacific S. of the equator, and mass of lava and similar productions. The numerous small islands that stud the Pacific S. of the equator, and W. of the Friendly Islands, and particularly those that rise but a short distance from the level of the sea, are based on reefs of coral rock. Of those examined by Captain Beechey, none were more than 30 m. in diameter; they were of various shapes, chiefly formed of living coral, or at any rate encompassed by a reef of that substance. Most of them have lagoons in their centres, the bottoms and sides of which are likewise formed of coral; and the generally circular form of these islands, the existence of these lagoons, and the shelving conical form of the submarine mountains, has led to the supposition that they are nothing more than the crests of submarine volcanoes, having the rims and bottoms of their craters overgrown with coral. It is also well known, that the Pacific is a great theatre of volcanic action, and every island, yet examined in Polynesia, consists either of volcanic rocks or coral limestone, and in many instances of basalt and lava, having a girile of coral. (Lyell's Geology, ili. 296–229.) The formation of coral, which, according to Captain Beechey, is very gradual, cases as soon as it reaches the surface of the water; but it serves as a basis for a vegetable soil, which in these regions is soon coverned with nlants corea. nut

coral. (Lyell's Geology, iii. 226—229.) The formation of coral, which, according to Captain Beechey, is very gradual, ceases as soon as it reaches the surface of the water; but it serves as a basis for a vegetable soil, which in these regions is soon covered with plants, ecosanut and other trees. The larger islands of Polynesia are indented with deep bays, furnishing tolerably good harbours for shipping; but the circumference of the largest is less than 200 m., so that their extent does not admit of the formation of any important lakes or rivers. By far the larger portion of Polynesia is between the tropics; but the small extent of the islands procures for them the temperature of the ocean, and a succession of light sea and land breezes. Hence the heat never becomes oppressive, even to Europeans. Hurricanes and earthquakes are of rare occurrence.

The numerous islands of the Pacific afford an extremely diversified vegetation; and among the many plants covering their surface are some of high utility for human support, especially the bread-fruit tree (a favourite article of food among the islanders), cocos-nut, yam, the root of the Arum esculeraism, the banana, plantain, and sugar-cane, which last grows naturally in the Sandwich islands, and succeeds better than in any other part of the world. A native chesnut, called Rata (Tuscarpus etwilis) furnishes the natives with a sweet nut, that forms an agreeable substitute for bread-fruit; besides which, the Ahia (Eugewia malaccossis) bears a pulpy fruit, shaped like an apple. The Ti-root (Dracona termismatic) furnishes an inferior spirit, called Ava, the preparation of which is pretty well known by most of the islanders, and has produced very demoralising effects. The use of foreign spirits, however, has, in the groups best known of the Islands besides their indigenous productions, bear an abundance of oranges, citrons, shadocks, pine-apples, guavas, figa, and Cape mulberries. The vine also was introduced, but was destroyed by the natives in their wars: fresh plants ha corn has been more than once attempted, without success; owing more, however, to the imperfect means of tillage than the unfitness either of the soil or climate. Pumpkins, melons, cucumbers, cabbages, and kidney-beans flourish better, and with less trouble, than any other foreign vegetables. The hills of the more elevated islands are clothed with forests of stately trees; the most valuable of which are the apapa and faiful, which yield excellent timber for cances, and the candie-tree (Aburites tritoba), the oil of which is used for domestic fillumination. The principal trees growing on the plains are the tamanu (Callophylisum inophylisum), and the Hi.

biscus tiliscus (highly valued as materials for furniture, cances, &c.), the Chinese paper mulberry (Moras paper/grs), and the sandal-tree, the timber from which last is exported from the Sandwich islands to Europe

biosas is is a control of the contro roups it is still prevalent. Moerenhout, indeed, tells us, rough the statement savours strongly of exaggeration, at some chiefs in the Fidgie islands have as many as 10 wives. (Youge on G. Octon, ill. 68—69.) Fenale irtue was formerly wholly unknown; and notwithstanding the labours of numerous missionaries during upwards f 20 years, chastity is still, we apprehend, extremely are. Sexual indulgences, and even infanticide, were neouraged by a singular institution called the Areol ociety, the baneful influence of which appears to have empretty generally diffused over the islands of the Pa-fic. The missionaries state that about two-thirds of its children born were destroyed by their parents; and of withstanding the introduction of Christianity, the ractice still prevails: but we are not disposed to attach uplicit evedt to these statements, which, no doubt, go it beyond the mark.

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Cannibalism is still practised in the Marquesas, and some of the other groups. The islanders, however, do not live in the rude independence of savage life, but acknowledge the arbitrary sway of hereditary chiefs, whose power is controlled only by those subordinate to them in particular districts. Some attempts have been made to introduce governments of a more liberal character; but they have signally falled.

The habits of the natives are still in many respects those of barbarians. Their houses, almost without exception, are confined to a single story; usually, though not always, of oblong shape, and very simply constructed with stakes of the bread fruit-tree, driven into the earth for the purpose of supporting the roof, which is commonly thatched with the leaves of the Pandanses odoratissimuss, or occoa-tree. The framework of the walls is composed of bamboo or hibiscus rods, and a large portion of one side is open, being covered only at night with a kind of cloth curtain. The interior comprises only a single apartment, sometimes with a boarded floor; and the furniture consists simply of a few mats and cotton-stuffed pillows spread on the floor, a few low wooden stools, a trough and stone peatle for preparing their favouritie paste called soc (made from the Arsum cacularisms), some cocoa-nut shells, used as cups, with a fishing-appear, and perhaps a musket. Bunches of fruit hang from the walls; and occasionally may be seen a sow with a litter of pigs occupying a space in one corner, railed off for her accommodation. A separate shed is employed for cocking; and in the more advanced islands a plot of enclosed ground, planted with useful vegetables or favourite flowers, surrounds many of the houses. (Benneti's Whaling Yonge, i. 100.; and Moerenboat, ii. 8c.—80.) Some of these huits are exceedingly large. Mr. Ellis mentions one belonging to a native prince that was nearly 400 ft. in length; and houses 100 ft. in length are by no means infrequent. (Polym. Researches, I. 175.) The domestic habits of most of them pay

—136.)

The dresses of the islanders originally consisted of cloths woven by the women from the bark of trees, and wrapped loosely round the body, leaving a large part of it uncovered; but since their connection with Ruropeans, they have introduced a very droil sed-long of native and European costume. The practice part of ft uncovered; but since their connection with Europeans, they have introduced a very droil michael and the provided and the provided and the practice of tattooing the body prevails more or less through all the islands, though attempts were made a few years ago to abolish this barbarous custom in Otaheite. Tattooing is performed during childhood; and in the Society islands at the early age of 8 or 10. The patterns vary in the different groups; but nowhere is the body so extensively disfigured as in the Marqueeas, the inhab. of which have a most hideous appearance. In some of the islands the face is left in its natural state, the legs, arms, and breast being the only parts tattooed. (Moerenhous, ii. 121—4.) The natives of all the best known groups, except the Sandwich Islands, are, like the half-civilised inhab. of most tropical countries, extremely indolent, having, in fact, little occasion for industry, owing to the abundance with which the fruits of the earth are spontaneously produced. Their principal employments are agriculture, fishing, canos-building, and the manufacture of cloth. Agriculture, as previously observed, is in the ruidest state that can well be conceived, the only tillage that the earth receives being by a ruice iron-shod stick, about as broad as a Kuropean chiscl. Fishing is a far more favourize employment, and the methods used are numerous and sometimes highly ingenious. The fish are sometimes caught in circular fences, built up in the shallow parts of their lakes, and simply taken out with a hand net; these enclosures are also excellent preserves for fish not wanted for immediate use. Large nets, made of the trained bark of the hilbscus, are used for fishing slamon, herrings, &c.; and on most of the islands serves for fish not wanted for immediate use. Large nets, made of the twisted bark of the hibiscus, are used for fishing salmon, herrings, &c.; and on most of the islands the natives exhibit a surprising dexterity in the use of the fishing spear. In fact, nowhere are there more skilful fishermen; and considering that before their intercourse with Europeans they were entirely destitute of iron, their variety of fishing apparatus waz astonishing. The altustion of these islanders necessarily imparts a N. n.

maritime character to their habits, and much of their attention is, accordingly, devoted to the building and management of their vessels. Their cances are of various size, as well as shape, and are either double or single. The largest of those seen in the Society Islands are nearly 70 ft. in length, with very high stems and sterns, but only 2 ft. wide. Those used in war are between 40 and 60 ft. in length, firmly built, of rather elegant shape, highly ornamented with carving, and when in use decorated with gay-coloured flags and streamers. In the double cances (which are merely single cances lashed together), planks are thrown across to form a kind of deck for the accommodation of passengers, and over it is sometimes spread an awning of platted cocca-nut leaves. The paddles, made of the hibscus, are not heavy; but as they are used alternately on each side of the boats, the labour of rowing is by no means inconsiderable. The but as they are used alternately on each side of the boats, the labour of rowing is by no means inconsiderable. The cances used in fishing on the reefs are single, and are commonly the excavated trunks of trees; they seldom carry more than two persons. Many of the cances have moveable masts, which are only raised when the sails are used. The latter, of which there are sometimes two,

moveable masts, which are only raised when the salis are used. The latter, of which there are sometimes two, but more frequently only one to each canoe, are made with matting of the pandanus leaf, in the shape of a half oval, and the rigging is of the simplest description. On the whole, the canoes of the Society Islands are decidedly superior to those of the there groups: those of the Sandwich islanders are large and strong, but less elegant: those used in most of the ether islands are of smaller size, and less skilfully constructed. The dexterity of the natives in managing these frail barks when out at sea is also, perhaps, unparalleled among the inhab. of savage countries. (Ellis, 1. 138—170.)

The manufacture of cloth, which is more or less carried on in all the island, is almost exclusively conducted by females, the materials commonly employed being the inner fibres of the bark from the branches of the bread-fruit tree. These fibres, after having been macerated, are beaten on a long board with a grooved mallet, the blows from which cause the moist fibres to interlace with each other, and to assume the appearance of woven cloth. By this process bales are sometimes made containing upwards of 300 yds. of cloth, 4 yds. wide. The colour of the unbleached cloth is a darkish brown, but it is always either bleached or coloured with vegetable dyes. Skill in the manufacture of this fabric was formerly highly prised by females of all ranks; but since but it is always either bleached or coloured with vege-table dyes. Skill in the manufacture of this fabric was formerly highly prised by females of all ranks; but since the introduction of European cloth, it has been made in much smaller quantities, and its use (in the Sandwich, Society, and Friendly islands) is now confined chiefly to women, children, and the lower classes. The mission-aries tried to introduce the weaving and spinning of cotton, but with little success; and this pursuit has been since abandoned. A kind of delicate matting is made in some of the islands from the bark of the hibiscus; the clarked thus formed being either bound over the loins.

in some of the Islands from the bark of the hibiscus; the fabrics thus formed being either bound over the loins, or worn as mantles on the back. In the manufacture of this last article the Islanders of the Palliser group is excel all others. A coarser kind of matting, also, is made of palm-leaves, for bedding, and the sails of canoss. As respects foreign trade, it may be said to have had no existence in these Islands till a late period; the intercourse is chiefly kept up by means of the whaling ships, and the number of vessels touching at the Sandwich Islands may average about 90 annually. Trading intercourse has made the islanders aware of the value both of goods and money; and beads, looking-glasses, and buttons have wholly lost their former commercial value.

Most of the islanders of Polynesia are of a lively ex-citable disposition: hence, when not employed in the graver pursuits of fishing, canoe-building, or war, they citable disposition: hence, when not employed in the graver pursuits of fishing, cance-building, or war, they give themselves up with great ardour to a variety of amusements, among which dancing is, perhaps, the most prominent, being common on all occasions, not merely of pleasure, but also of religion and state ceremony. Some of these dances are stated by the missionaries to have been very objectionable; while others were of a graceful and more dignified character. The exchange of a Christian profession for a debasing polythelettic idolatry has diminished the frequency of these exhibitions, though they still occasionally take place. The musical instruments of the islanders consist of a long narrow drum, a trumpet formed of a species of murex, into which is inserted a bamboo cane for a mouth-piece, and a flute of bamboo, about 16 inches long and about inch in diameter. Boxing and wrestling, also, used to be favourite smusements; but these exercises, as well sa many other national entertainments, have been all but abandoned since the introduction of Christianitys, though there be, after all, but too much reason to suppose, that the efforts of missionaries have produced little radical change for the better in the morals of the mass of the pop.

The islanders of the Pacific, as respects physical character, may be divided into 2 distinct classes. The most

The islanders of the Pacific, as respects physical character, may be divided into 2 distinct classes. The most ancient tribe is composed of Papuan negroes, who are distinguished by darkness of skin, smallness of stature, aries in 1820, and is now the religion of the state; schools

and black woolly or crisped hair: they chiefly inhabst the Admiralty Islands, New Britain, New Ireland, New Hebrides, New Caledonia, and the Solomon Islands. The other tribe, which is far more widely dispersed over the numerous groups of this great ocean, exhibits many of the features belonging to the Malays and aboriginal Americans, but is, in some respects, so different as to form a separate and intermediate race. The people of each cluster, also, are distinguished by minor necessity. as to form a separate and intermediate race. The people of each cluster, also, are distinguished by minor pecularities. The inhabs, of the Society Islands are of good stature, and well made; of olive complexion, with open, proposessing features, with a facial angle as perpendicular as in the European head; a bright, full, and jet-black eye, placed under well-arched eyebrows, a straight or aquiline nose, well-formed mouth, and moderately high forehead, with straight though not wiry hair, either black or brown. The Sandwich islanders have more firm and muscular limbs but in other respects. ettner black or brown. The Sandwich islanders have more firm and muscular limbs, but in other respects bear a close resemblance to those just described; and they are generally active in their movements, graceful and stately in their gait, and perfectly unembarrassed in their address. Both sexes incline to corpulency in advanced life. It is remarkable, also, that the chiefs, and persons of hereditary rank, throughout the islands, are, almost without expection superior states. persons of hereditary rank, throughout the islands, are, almost without exception, superior to the common people, in stateliness, dignified deportment, and physical strength: indeed, so great is the difference, that Bougainville, and others, have supposed them to be a distinct race, whose ancestors at some remote period had brought the aborigines into permanent subjection. (Ellie's Pol. Researches, 1.78—84.; and Moercahous, it. 947—268.)

had brought the abortistues into permanent subjection. (Ellir's Fol. Researches, 1. 78—84.; and Moercahous, ii. 247—283.)

With respect to the languages of Polynesia, Marsdem first ascertained that there is one general language pervading the whole of the South Sea islands, and extending, with its different dialects, from the E. indian archipelago to the E. extremity of the Polynesian groups: "indeed," says M. Moerenhout, "it is impossible to avoid observing the close analogy between the dialects spoken in the many different islands. So striking a similarity is there between the languages of the Society Islands and New Zealand, that the natives mutually understand each other: the inhabs. of the Sandwich, Marquessa, and Society Islands and onverse after only a few days' practice, and the occupants even of the far distant Easter island are intelligible to the whole of the other islanders both N. and S. of the Equator. It has been believed by some linguists that all these dislects are branches, more or less, of the Malay language; and many words certainly bear some analogy to those in the Malay vocabulary; but, in fact, "there is no living language either of Asia or America, which can be denominated the parent-stock of the great Polynesian language." (Crassferd's Indias Archipelago, il. 80—86.; Moercahout, i. 396–398.)

1. The Carotise Islands (sometimes called the New Philippines) extend over about 30 deg. of longitude, and are divided by Captain Luttè into 46 groups, comprising everal hundred islands, a few of which are high and rising in peaks, but by far the greater number are low, and merely of coralline formation. They were discovered in 1686 by a Spaniard, who named them after Charles II., king of Spain. The productions of these islands are very similar to those of the Sandwich and Society Islands; but the bread-fruit is found only in a few of the groups, and the hog is wholly absent; hence these islanders live chiefly on fish. The inhabs. are reputed to be the most expert saliors and fishermen of Polynesia;

canoes with the Laurone Issands and the S. Arthips-lago.

2. The Sandwick-Islands (10 in number, of which 8 are inhabited) form a group many hundred miles distant from all the rest. The area of the largest Island, Owhyshee (or, more properly, Hawail), is estimated at 4,300 sq. m., being more than half that of the entire group, and is, indeed, by far the largest Island of Polymeds. It rises in high and towering cones to an elevation of nearly 16,000 ft. from the sea; and not only is the gigantic volcano of Kirsuca, with its immease crater, 2 m. in length by nearly 1 m. in width, and several hundred feet deep, in a constant state of terrific schulltion, but the whole island is one complete mass of lava; and, being perforsted with innumerable apertures in the shape of craters, may be considered as forming a hollow cone over a vast furnace in the heart of a stupendous submarine mountain. (Ediz, iv. 326. 369.) The pop. of the Sandwich Islands was semanted, in 1847, at about 113,000. The males are of a darker complexion than those in the Society Islands; the (emise have coarse and disagressable features, and both sexes are gloomy and reserved. The natives generatives and the season of the season of the sexes are gloomy and reserved. The natives gene both sexes are gloomy and reserved. The natives generally are remarkable for their attention to the arts of

POLYNESIA.

have best established, churches have been built, and the forms of religion are, at least, pretty generally observed. Buropsen usages have also become fashionable, and the costume of the better classes, women as well as men, closely resembles that of the Anglo-Americans. Honoulu, in the Island of Oahn, lat. 21° 18° 2° N., long, 15° 35° W., is the cap. of the group, and has a considerable ope, of whom about 1,000 are foreigners. Many houses are built of stone; but the natives still prefer living in heir huts, to that the town is grotesquely irregular. The harbour (formed by a barrier-reef of coral, having single opening) has accommodation for between 70 and 30 vessels of from 500 to 600 tons. This group of islands as attracted much notice of late years. For a considerable period they have been visited by the whaling hips in the Pacific; and the actiement of Oregon and California, and the intercourse which has already sprung ip, and which, no doubt, will continue to increase between them and China, has given the islands great aditional importance, from their peculiar aptitude to serve as a station for the steamers and other ships that may be regarded in that trade. In consequence, there has laterly been a rapid increase in the town of Honoluli, and the ground round the harbour is now wholly occupied. English churches, with English newspapers, schools, totals, boarding-houses, shops, &c., have been established. It is a curious fact that the native pop, has been rapidly lecreasing for several years, and does not now, probably, exceed a third part of its amount at the epoch of their ilscovery. It has recently been proposed, in consequence of the extraordinary demand for agricultural produce by the foreign vessels frequenting their ports, to bring settlers from China to supply this deficiency. In 1846 about 600 ressels touched at the islands. The value of the exports of articles of native produce, in 1844 was estimated at 100.696 doll., but it must now be much greater. The natives have several ships, and o ave been established, churches have been built, and the

uished as the central station of the missionaries on this roup: a school and printing-office are established here. The forms of Christian worship are observed here as rell as in the Sandwich Islands; but civilisation is coniderably less advanced, and European costume coniderably less prevalent. (Rennett, 1.70.) The seat of overnment and principal port of Ottaheite is Pápéta, bich exhibits the same combination of European house, and native buts as the cap, of the Sandwich Islands. The harbour is a capacious sheet of smooth water, of a irrular shape, and so completely land-locked as rather The harbour is a capacious sheet of smooth water, of a ircular shape, and so completely land-locked as rather o resemble a large dock-basin than a natural harbour. The commerce, consisting in the exportation of pearhells, sugar, cocca-nut oil, and arrow-root, in exchange or European manufactures, chiefly cloth and hardware, carried on exclusively by foreigners. This port is also requently visited by whalers coming here to refit or to btain supplies; but Otaheite is not and never can be so apportant a commercial station as Oahu, in the Sandwich aportant a commercial station as Oahu, in the Sandwich

protant a commercial station as Oahu, in the Sandwich itands.

4. The Marquesas, which were discovered by the panish in 1895, consist of 13 islands, extending about 0 m. from N. W. to S.E. The largest, Numhiva, is about 1 m. in circ., and is the only ene generally frequented y shipping. The coast-scenery is neither picturesque or inviting, its principal features being black naked iffs and harren hills; but in the interior are many ferile vales, and very picturesque scenery. The inhabs., ith regard to personal beauty, are superior to most hers of the Polyaceian tribes; and the women, though not in stature, are well-proportioned, and sometimes ren handsome. In civilisation, however, they are farthind the Sandwich islanders; and are generally charterised by covetousness, iraccibility, love of revenge, d gross sensuality. Cannibalism was practised by sem within a very recent period; and they have steadily sisted all attempts to convert them to Christianity, olygamy, however, though not forbidden by law, has lien into disuse.

5. The Friendly Lilands are low, encircled by dangerous coral reefs. The soil is almost throughout exceedingly rich, producing, with very little care, the banans, bread-fruit, and yam. The pop, may amount to about 90,000; but the unives, though favourably mentioned by Capt. Cook, appear to be as treacherous, savage, and superstitious as any in the worst parts of Polynesia.

6. Pitcarin Island, which stands alone, near the E. extremity of Polynesia, is chiefly interesting on account of its having been the refuge of the mutinous crew of Captain Bligh's ship, the Bounty. The mutineers, after having turned their captain and a few of the crew out into an open boat, tried to make a settlement in the Society Islands, but afterwards fixed themselves in this isolated spot, where a few of them, with their descendingles. clety Islands, but afterwards fixed themselves in this isolated apot, where a few of them, with their descendants, were found by Captain Beechey, in 1825. It is not more than 7 m. in circ., with an abrupt rocky coast, and rises about 1,050 ft. above the sca. The present pop, comprises about 80 persons, who (being the descendants of Europeans and native women) form an interesting link in person, intellect, and habits between the European and Polypesialo races. They are tall and robust, though not handsome, with black glossy hair, and frank, honest, good-humoured dispositions. They are further said to be industrious, and strictly observant both of morality and religion.

be industrious, and strictly observant both of morality and religion.

7. The New Hebrides (discovered in 1506, and so named by Captala Cook, who surveyed the entire group) are considerably hilly, though well clothed with fine timber; and the valleys are extremely abundant, producing figs, nutmegs, and oranges, besides the fruits common to the rest of Polynesia. The inhabs, present about the most ugly specimen extant of the Papuan race: the men live almost in a state of nudity; and the women, who are used as mere beauts of burden, wear only a petitionst made from the plantain-leaf. Their canoes are more rudely fashioned than in most of the other islands; and, on the whole, these people seem to be among the most degraded of the islanders of the Pacific.

8. New Calcionia, which is the largest island of the W. groups, is far less fertile, and produces a smaller variety of fruits and vegetables, than any of the islands yet men-

of fruits and vegetables, than any of the islands yet men-tioned. The natives closely resemble in habits, and the total absence of civilisation, those of the New Hebrides; total absence of civilisation, those of the New Hebrides; though, owing to the ravages caused by famine, they are infinitely more wretched. The Pelew Islands, in about lat. 74° N., long. 135° E., are chiefly known from the accounts of Captain Wilson, who was wrecked on them in 1783. He describes the inhabitants as hospitable, friendly, and humane. Breeds of cattle, goats, poultry, &c., were subsequently sent to the islands, and have succeeded extremely well.

Our knowledge of the many extensive groups of islands.

friendly, and humane. Breeds of cattle, goats, poultry, and humane. Breeds of cattle, goats, poultry, and humane. Breeds of the lilands, and have succeeded extremely well.

Our knowledge of the many extensive groups of islands comprised in Polyneaia is still very far from being satisfactory. Magellan began the work of discovery early in the 10th contury, and he was followed at the close of the same century by Mendane and other Spanish navigators. The Dutch made further discoveries in the 17th century; but to England mainly belongs the honour of having explored and laid down the exact position of the principal groups of the South Sea islands, and the names of Byros, Wallis, Cook, Vancouver, and Beechey, must ever rank high in the estimation of geographers; great credit is also due to La Pérouse, D'Entrecasteaux, Freycinet, and other learned navigators, sent out on exploring voyages by the French government. In consequence of the labours of these and other navigators, aided also by the information gained from missionaries resident in the islands, we have gained a pretty intimate acquaintance with the condition of the natives in the principal groups of Polynesia; but there remains a great number of islands, especially on the W. side of the Pacific, that have very seldom been visited by Europeans, and are occupied by people as savage and undvillised as the Sandwich islanders of the last century.

POMERANIA, a large prov. of the Prussian states, lying along the S. coast of the Baltic, from long, 12° 90' to 18° 2° E., having E. and S. West Prussia and Brandenburg, and W. Mecklenburg. Its form is oblong, its length (from E. to W.) being above 200 m.; while its breadth varies from 20 to 60 and 80 m. Area, 12, 179 sq. m. Pop. in 1846, 1,165,072, of whom 1,145,293 were Processants. It is divided into three regencies, and these again into 36 circles. Surface fatt. Principal towns, Stettin, Stralsund, Greifswald, Stargard, Stolpe, &c. Principal rivers, Oder, Leba, Stolpe, Rega, Persante, Ucker, Peene, and Ihna. The Haif is

since the abolition of vassalage in 1811, it has made considerable progress. Wheat and barley are grown; but rye, buckwheat, and oats, are the principal corn crops; potatoes are largely cultivated, and form, indeed, a principal part of the food of the people; flax and hemp are also grown, with tobacco, &c. The breeding of cattle, sheep, and hogs, is a favourite occupation. Geese are reared in immense numbers; and besides those consumed in the province, large quantities are exported smoked and dried. Very few farms are occupied by tenants holding under a lesse, but are chiefly farmed by or on account of the proprietors. The peasantry live in mean dirty cottages of wood or clay; their clothes are all of home manufacture. Common agricultural labourers earn from 6 to 8 silver groschen a day, exclusive of subsistence. Minerals unimportant. The woollen manufacture in a domestic state is pretty generally diffused; and linen, leather, &c., are also produced. There are numerous breweries and distilleries, and dram-drinking is as prevalent here as in other parts of the monarchy. The fishery, particularly of surgeon and salmon, is carried on along the coast, and in the creeks and rivers.

POMPEII (called by the Greeks Pomspeta), a long-buried city of ancient Italy, in Campania, not much celebrated in ancient history, but now an object of the great-set interest in consequence of its rather recent discovery and exhumation. It was originally close to the sea; but it is now nearly 1 ½ m. inland, and is about 5 m. S. by W. the crater of Vesuvius, and about 15 m. S. B. Naples. The zera of Its foundation, as well as the greater part of its early history, is involved in obscurity; but the preaumption is, that it was settled by Occi and Pelasagi prior to the establishment on this coast of the Greek colonies from Eubces. About anno 440 s. c. it fell into the hands of the Samnites, from whom it was taken, with their ther possess.

the establishment on this coast of the Greek colonies from Eubess. About annot 440 s. o. it fell into the hands of the Samnites, from whom it was taken, with their other possessions, by the Romans about 80 years afterwards. Pompeti revoited, with the other Campanian towns, during the Social War; and little more is known of it till it was visited by an earthquake (a. D. 63.), which occasioned great devastation. Mosts terree, celebre Campaniae oppidum, Pompeti, magna exparte provisit. (Tacit. Annad. lib. xv. cap. 23.)
The repairs consequent to this disaster were incomplete, as its seen by the state of the excavaled ruins, whom plete, as magna ex parie provisis. (Tacis. Assad. lib. xv. cap. 22.)
The repairs consequent to this disaster were incomplete, as
is seen by the state of the excavated ruins, when the city,
with Herculaneum, Stabies, and other towns in its vicinity,
was wholly overwholmed by an eruption of Vesuvius
A.D. 79. This tremendous calamity has been admirably described by the Younger Piliny, whose uncle was one of the
sufferers, in a letter to the historian Tacitus: —"Precesserat per multoo dies iremen terva, minus formiolosus, quia Campania solitus; illá neró nocte ita invaluis
ut non moveri omnia sed everti crederentius. Mare in se
resorberi et tremore terva quasi repelli videbamus. Cerie
processeral litus, multaque animalia maris in siccis
arenis detinebat. Ab altero latere nubes atra et horrenda ignei spiritus tortis vibratique discursibus rupta
in longas flammarum figuras dehiscebat; fulgoribus illae
is similes et majores erant. ... Mos audires vintulas
faminarum, infantium queritatus, clemores virorum:
alli parentes, alli liberos, alli conjuges vocibus requirebani, vocibus noscilabont: hi avum casum, illi suorum
miserabantur: erant qui metu mortis mortes precarenur. Multi ad deos manus tollere. Nec defuerunt
qui fictis menititisque tervoribus vera pericula sugerant.
... Mos dies verus, sol etiam affulsit, turidus tamens: —
occuraabant trepidantibus adhue ocalis mutata omnia,
altoque cinere languam sive obducta." (Pilm. Epits. vi.
20.) It seems probable, however, from the small number
of skeletona discovered, here and at Herculaneum, that
the inhabs. of both cities not only found time to escape
during the confusion, but also to carry with them their
most valuable effects.

From this time forward, for about 1669 years, Pompeli

most valuable effects. From this time forward, for about 1669 years, Pompeli continued buried under the ashes, pumice-stone, and other volcanic matter by which she had been overwhelmed, and even her situation was matter of doubt and conjecture. It is surprising, however, that her ruins did not sooner attract attention; for, in 1592, the celebrated architect and engineer, Dominico Fontana, having been employed to construct an aqueduct to convey water to Torre, fell in with the remains of the buried water to Torre, fell in with the remains of the buried city. But this discovery appears to have attracted Httle or no attention; and it was not till 1748, that peasants employed in cutting a ditch fell in with the ruins of the city, that they became an object of interest and attention. The excavations were commenced in 1755; and have since been pretty constantly, though not very vigorously, prosecuted. Not having been overwhelmed by lava, but with tifis, ashes, and scories, the excavations are much more easily effected here than at Herculaneum. */ *Description de Pomprii, sour Bonsect, p. 31, &c.)

are much more easily enected here than at Herculaneum. (Description de Pomprii, par Bonacci, p. 31, &c.)
Pompeli, to borrow the words of an intelligent observer, is "the most wonderful of the antiquities of Italy; and it is perhaps the only one which never disappoints a traveller who is even moderately acquainted with the history of ancient Rome. The impression which

it gives of the actual presence of a Roman town, in all the circumstantial reality of its existence 3,000 years ago, is so vivid and intense, that it requires but a small effort of imagination to place yourself among the multitudes which once throughed its streets and theatret, and occupied its now volceless chambers. The expression so often used, that you expect to see the inhabitants walk out of their houses to salute you, is scarcely a figure of speech. Many things, in fact, concur to foster the illusion. You see a street before you carefully paved and well worn, and bordered with *rottoirs, in good preservation, as if it had been in use on the preceding day. The houses generally extend in unbroken lines, and even the dilapidation is in some measure concelled by the small modern roofs placed over the walls to protect them from farther waste by the weather. The doors and windows, indeed, are all open; but so they generally are in the modern houses of Italy; and the sombre brown thus of the walls is not very different from what is seen in the decayed towns of the same country at the present day. You turn to the right and the left, and wander from street to street, and still you have the perfect image of a town before you, except that no inhabitants appear, and these you may suppose have only left it a few days before. We have detached public buildings of many kinds elsewhere; but here we have a Roman forum, with all its accompaniments of temples, porticoes, curie, &c., not indeed perfect, but only so injured that what is missing can be replaced, and what is mutilated restored. We have also many shope, with their thems, and about a hundred private houses of all descriptions, from the poor cottage to the domestic life and manners of the people. The public baths here, which were almost entire, have thrown new light on the structure of those buildings. Lastly, the tout-craserable of the walls, gates, streets, forum, houses, temples, fountains, theatree, associated as they are with

domestic life and manners of the people. The public baths here, which were almost entire, have thrown new light on the structure of those buildings. Lastly, the tost-ensemble of the walls, gates, streets, forum, houses, temples, fountains, theatres, associased as they are with each other, give us a conception of a Roman town incomparably more clear and satisfactory than any number of such objects scattered over distant localities could have furnished." (Maclaren's Notes, p. 100. 103.)

It seems evideht on an examination of the superincumbent strata, which consists of various layers, that intervals had taken place in the original eruption, which lasted for three days; and it is farther probable that some of the uppermost layers may have been the result of subsequent eruptions.

This resuscitated city, of which about 1-4th part is now laid open to public view, is of a somewhat oval form, in in breadth and in in length, covering an area of 160 acres, or about 2-3ds of the new town of Edinburgh; and considering the narrowness of the streets, the nature of the houses, and the mode in which the slave population generally were lodged, the entire population could scarcely have exceeded 25,000 inhabitants. The walls, which have been traced on every side, except towards the sea, are about 30 ft. thick, and nearly equally high, being faced with blocks of lava inside and outside. There are six gates, and many towers, rising high above the ramparts, and pierced with arches. The best approach to Pompeil is by the Appian way to "the Gate of Horculaneum," which is nearest the sea, and at the N.W. angle of the city. Along each side of the road, approaching this gate, extends a line of tombs, many of which remain perfectly in size, patern, and material many are mere cenotaphs, while others have unkers for turns; and a pretty common form is that of a small oblong temple, adorned with columns or pilasters. On the whole, these tombs are not unlike the more ambitious sonuments in our own churchyards; but there is nothing resembling

avel, not unlike the asphalte used for modern pavents in London and Paris.

The largest excavated space in Pompeil, and that sich exhibits most architectural magnificence, is the rum, an extensive oblong area, once paved with large bas of marble. The feelings of a classic traveller, on holding, for the first time, such a monument of anuity, are well described by Mr. Maclaren. "I felt at it was not a trifling incident in my life, to stand in reritable Boman forum. There it lay distinctly before e, rifled of the greater part of its marble pavement, of statues, and some of its columns, yet retaining ough of its ancient lineaments, to give a perfect idea its form, extent, and distribution of its parts. It had an terribly injured by the earthquake a.n. 63, and as rebuilding, when the great catastrophe occurred, to forum was the great place of public resort: the le came here to inquire after news, the busy to talk of siness, friends to keep appointments, patrons to meet ir clients, suitors to attend the courts, candidates for fice to solicit votes; here the orators harangued, and e people shouted, the magistrates met in council, and e tax-gatherer collected the revenues: here the deces of the senate were promulgated wiss soca, and ays, festivals, and gladistorial shows, were advertised soort notices badly spelt, painted on the walls in dely formed letters." (P. 131.) The entrance from the W. corner, (that nearest the gate of Herculaneum), by a flight of steps leading downwards through a brick ch into an oblong area about 490 ft.in length by 114 ft. width, "surrounded by columns, and the ruins of mples, triumphal arches, and other public edifices, the own and yellow tints of the tufa, the fragments of hite stuces of brick divested of their marble casings, the own and yellow tints of the tufa, the fragments of hite stuces of brick divested of their marble casings, the own and yellow tints of the tufa, the fragments of hite stuces of brick divested of their marble casings, the own and yellow tints of the tufa, the fragm sinch would afford a view of every thing passing in the ea. The temple of Jupiter has a prostyle portico, inported by 12 very beautiful Corinthian columns, and a total length, from the front steps to the back wall of it cettla, is 120 ft. the uniform breadth being 45 ft. in the W. side of the enclosure stood the prisons and ablic granaries, a peripteral temple of Venus, having façade looking southward, of nine Corinthian columns, and a Basilica, or court of justice, which is the largest uilding in Pompeli. It is oblong shaped, 220 ft. in might by 80 ft. in breadth, and is entered through a stibule having five door-ways of masonry. The roof the interior was supported by a peristyle of 28 lonic uted columns, and at the further end are some reasins of what was once the prestor's tribunal. At the end of the Forum, which was also ornamented by a imphal arch, are the remains of three buildings of early equal size, and similar shape, that may have been arize, or places of assembly for the magistrates: these, owever, are of very confined dimensions, and possess title interest. On the E. side, opposite to the Basilica, of flanked on one side by the Street of the Silversmiths, a large enclosed building, in the shape of a paralleloram, within which was an oblong peristyle of white narble Corinthian columns; it is commonly called the halcidicum, and was built by Eumachia (whose statue is till standing), but its former use seems to be quite onjectural, though Gell and Donaldson seems to think, om some of the pictures and other remains found there, hat it may have been a kind of cloth-hall. Adjoining; and fronting the forum, is a small temple of Mercury, it the court of which is an altar, without a cella, we incline to hink that it may have been a senaculum or hall of cetting for the town-council. Lastly, the space close of the N.E. angle of the forum is occupied by a very arge enclosed peripteral structure, supposed to have even a pantheon dedicated to the twelve Dii Consentes of Roman mythology, and comprising, besides an

per II.

work on Pompeti, in the Library of Enteriaining Enovaledge.)

Rext in importance to the excavation of the Forum, is that of the quarter occupied by the theatres. Its best approach from the Forum is by the "street of the silverimiths;" the space cleared comprises two theatres of unequal size, a square usually called the soldier's quarter, and two temples, with other buildings of minor importance. The theatres will not bear to be compared, in point either of size or splendour, with the magnifecent structures at Rome; but still they have the remains of considerable beauty, and the largest, at least, would be considered of large size in any modern city. It has six entrances, leading to different parts of the building, and six inner doors, or somictoria, opened on an equal number of staircases running down from the external circular corridor to all parts of the house. The benches were about 1 ft. 3 in. in height, and 2 ft. 4 in. in width, and it would appear that they may have been capable of accommodating about 5,000 males, chiefly of the middle classes; those of high rank sat on chairs in the orrhestra, and the women occupied a gallery running round the top of the building over the corridor. All the benches as well as the orchestra seem to have been entirely covered with marble, of which, however, there are now but few vestiges. Like the Coliseum, and other ancient theatres, it was open at top; but on of the outside wall may still be seen the iron rings inserted to receive the masts supporting the awning. Of the scene itself, enough remains to show that the three chief doors were situated in deep recesses, and that behind them was the postcenium. The smaller theatre, which communicates with that last mentioned, is built on the same plan, and similarly arranged, having had accommodation for about 1,500 spectators; but, unlike the other, it seems to have been permanently roofed. Its shape, also, is rather elliptical than semicircular. Close to the theatre is a large open space, supposed to have been soldier

10,000 persons.

The baths, which occupy a space, not far from the Forum, of about 100 ft. sq., are interesting not so much from their size as from the simplicity of their construction, which makes their arrangements more intelligible than in the complicated buildings of this kind in Rome and elsewhere. As, however, it would be impossible without a diagram to give a satisfactory account even of those at Pompell, we pass at once to the domestic architecture of the city, which, indeed, is one of its most interesting features. Mr. Maclaren closely examined about a dozen of the private houses, which, he says, are so tecture of the city, which, the same closely examined about a dozen of the private houses, which, he says, are so different from those either of Britain or modern listy, a dozen of the private houses, which, he says, are so different from those either of Britain or modern Italy, that it is not easy to comprehend the use of their several parts. Indeed, most of them are so dilapidated that they could not be understood at all without the aid of Pliny and Vitruvius. "The present condition of the houses and shops resembles what we see in our tenements after the occurrence of a fire. The roof, upper floors, doors, and all the woodwork, have disappeared, the furniture has been carried off, and nothing remains but the half-dilapidated walls, the pavement of mosaic on the ground-flats, columns entire or nfragments, stone counters, and a few bulky or heavy articles of too small value to be worth removing. The apartments, however, have been carefully cleaned out and not only the houses but the streets were completely free of foreign matter, except a thin covering of ashes and scories, deposited by the recent eruption of Vesuvius, and which was easily removed by a besom or whisp of straw." The paintings, also, are still on the walls, and remarkably fresh. The house of Pansa, though not the largest, is better calculated than any other to convey to the reader an idea of a private town residence; and, taking this as a guide, we may remark that the houses generally consisted of a square or oblong enclosure surrounded by bilind walls, the central court being open, and chambers formed round it, over which sheeks (complexita) projected inwards, which discharged the rain water into a stone or marble basin (the impluments,) in the centre of the court. The larger houses, however, have a second court, with its corresponding impluvium, surrounded by columns; and hence, while the outer court is called simply afriens, the inner one (divided from it by a square apartment, called the tablement, from being usually adorned with and hence, while the outer court is called simply stream, the inner one (divided from it by a square apartment, called the tablimum, from being usually adorned with pictures and statues) is denominated the peristyle, and was devoted to the use of the family. Bed-rooms and parlours run round both courts, a garden extends some

way at the back of most of the houses, and the front entrance, in Pompeii at least, is my a passage 8 or 10 ft. wide. Paper, horn, mica, and even pretty thick glass, were pretty generally used; and in cold or hot weather awnings were commonly thrown over the impluvium; but no fire-places are seen in the houses, and, like those in modern italy, they seem to have been wholly built for summer use. The exterior of the houses is generally of brick, covered with plaster, and formed into pannels: In the interior, also, the walls are coated with fine plaster, which serves as a ground for fressoes, which are found pretty abundantly in all parts of the larger houses throughout the town: and these paintings, if they do not equal other extant specimens of Roman art, are highly valuable for the light which they throw on the coatumes, habits, and amusements of the ancient inhabs. The shops, like those of Naples, seem to have been extremely small, scarcely exceeding 14 ft. square, and wholly open in front, with the exception of a low counter, being closed by shutters at night, somewhat in the same wholly open in front, with the exception of a low counter, being closed by shutters at night, somewhat in the same manner as the butchers' stalls and shops in England. Some of the implements of trade still remain, such as earthen jars, ovens, mills, cooking-pans, &c.; and we have reason to believe that the ancient inhabs. pretty well understood the division of trades. Most of the shops and other places of public entertainment, not excepting those belonging to the Donne Libere, had images or figures over the doors, serving, like the signs in modern towns, to indicate the profession or business of the occupants. The household furniture and domestic utensits found in the excavations both here and at Herculaneum have, with a few slight exceptions, been removed to the

ngures over the doors, serving, itse the signs in modern towns, to indicate the profession or business of the occupants. The household furniture and domestic utensits found in the excavations both here and at Herculaneum have, with a few slight exceptions, been removed to the Museo Borbonico at Naples; and the number of articles of every kind and material is truly immense. "Among these," says Mr. Maclaren, "are several fron chairs, like our garden-chairs; braxiers for burning charcoal or wood, keys and locks, metallic mirrors, pots and pans, glass bottles and drinking vessels, lamps of copper and earthenware, vases and urns, marble statues and basreliefs, ancient armour, seals, styles and inkstands, bells, moulds for bread and pastry, glazed plates for the table, scales and steelyards, spoons, ear-rings, and similar articles." The discovery of Pompeil has, in fact, thrown a strong and steady light on many points connected with the private life and economy of the ancients that were previously involved in the greatest obscurity. An acquaintance with its remains is indispensable to the classical student; and he cannot study them to more advantage than in the volumes already referred to in this article, or in the more elaborate and better illustrated works of Gell, Donaldson, David and Maréchal. (Pompeti, 2vols. passim; Gell's Pompetians and Illustrations; May of Pompeti, Soc. of Useful Knowledge; Maclaren's Notes, pp. 99—132: Lyell's Giod., il. 95—103.)

PONDICHERRY (Fr. Pondickery), a town of Hindostan, and the principal French settlement on the Asiatic continent; on the Coromandel coast, 83 m. S. 8.
W. Madras; lat. 119 67' N., 10ng. 95° 54' E. Pop., in 1835, 52,127, of whom 696 were Europeans. Standing, on a flat sandy plain, near the shore, it has a very imposing appearance from the sea; and it is in reality a handsome regularly laid out town. The streets in the European quarter are of uniform breadth, built with remarkable regularly, and intersecting each other aright angles. The houses, which are of a good he tanic garden, and a government pawn-bank.

table garden, and a government pawn-bank.

The French possessions in India, comprising Pondicherry, Chandernagore, Karical in the Carnatle, Mahé in Malabar, and Yanaon in Orissa, with the territory attached to each, have a total pop. of about 166,000, of whom I,000 are whites. The territory attached to Pondicherry is considerably larger than the rest, and had, in 1835, 10,613 hectares under culture, producing 6,488,60 kilogr. rice, 6,734,000 kilogr. other grains, 6,900,000 cocoa nuts; with some betel, and a little indigo, tobaccs, and cotton. The total value of the imports into these settlements, in the same year, amounted to 1,744,260 t, and that of the exports to 5,399,610 fr. The trade, by far the greater part of which centres in Pondieherry, is chiefly with the rest of the Coromandel coast, Samaira, the late de Bourbon, the Mauritius, and Senegal.

governor of the French settlements in India is usually

povernor of the French settlements in India is usually a peer of France, and resides at Pondicherry, where also is the royal court for these colonies, a tribunal of primary jurisdiction, police court, &c.

This town was purchased by the French from the Bejapoor sovereign, in 1672. It was successively taken by the British in 1761, 1778, 1793, and 1803; but was finally restored at the treaty of Paris, in 1815. (Hugo j afficial Reports; Hamilton's E. I. Geza, &c.)

PONT-A-MOUSSON, a town of France, dip. Meurthe, cap. canton, on the Moselle, by which it is intersected; 16 m. N. Nancy. Pop., in 1826, ex. com., 7,008. It derives its name from a bridge of 8 arches which here crosses the river, and led formerly to the old castle of Mousson, now in ruins, on an eminence E. of the town. It is surrounded by planted boulevards, and has several good edifices, including a Gothic church, built towards the end of the 18th century, a town-hall, 8t. Mary's Abbey, now converted into a seminary, large cavalry barracks, a good hospital, and a building termed the Maison des Sept Pèches Capitous, from its front being ornamented with old sculptures intended to represent the cardinal sins ! This town has manufactures of course woollen stuffs, printing-types, earthenware, tobacco-pipes, and beet-root sugar. (Hugo, Guide du Forageur, &c.)
PONTECORVO, a town of S. Italy, the cap. of a detached territory, surrounded by the Neapolitan dom., but belonging to the Papal States, deleg. Froninone; on the Garigliano, 20 m. S.E. Froninone, and 37 m. N.W. Capus. Pop. about 5,500, chiefly occupied in agriculture. It has several churches and convents, and an old castle. Napoleon conferred on Marshal Bernadotte the title of Prince of Pontecorvo, which he enjoyed till be became king of Sweden. Near it are some considerable ruins, supposed to indicate the site of the ancient Interawa ad Livrim.

PONTE-DELGADA, a sea-port, and the largest and most topolulous city (though not the cap.) of the Asores.

the title of Prince of Pontecorvo, which he enjoyed till be became king of Sweden. Near it are some considerable rulns, supposed to indicate the site of the ancient Interamna ad Livium.

PONTE-DELGADA, a sea-port, and the largest and most populous city (though not the cap.) of the Asores, on the S. side of the island of St. Michael; lat 370 45/10" N, long, 250 41' 15" W. Pop., estimated at 22,000. Its appearance from the sea is far from picturesque, exhibiting a compact uniform mass of bright-looking building, backed by a few conical hills, some of which, however, are covered with a luxuriant vegetation. It had, when visited by Captain Bold, in 1831, 6 churches, 8 monasteries, and 4 convents; but the latter, which were calebrated alike for their artificial flowers made of birds' feathers, their sweetmeats, and the easy virtue of the vestals by which they were occupied, have since lucklip been suppressed. The houses are substantial; but the streets are very fil-paved, and disgustingly filthy. Its markets are abundantly supplied with fish, poultry, eggs, and vegetables of all sorts, including Spanish beans, yams, sweet and common potatoes, oranges, ismons, &c., and every thing is remarkably cheap. When contrasted with the other towns in the Asores, it displays considerable burden have to anchor in au open roadstead. The town and harbour are defended on the W. by the castle and fort of St. Braz, mounting 90 pieces of cannon, and on the E. by the forts San Pedro and Roato de Cao. The governor of the islands St. Michael and St. Mary resides at Ponte Delgada. (Boid's Asores, 112—116.; Dict. Géog.)

PONTEFRACT (vulgo Pomyret), a parl. and munbor, market-town and par. of England, W. riding co. York, upper div. wap. Osgoldcross, on a commanding eminence about 1 m. S.W. the Aire, 10 m. E. Wakefield, and 21 m. S.W. York. Pop. of parl. bor. (which includes, with the old bor., the extra par. dist. of Pontefract park, the castle-precincies, and also the several township of the chancel of the town. The principal public buildi

hibitions at Queen's College, Oxford. Another charity-school for children of both sexes, endowed with 95t. a year, has been incorporated with a national school; and a neat building, formerly the theatre, has been converted into school-rooms capable of accommodating 400 children. The town has 4 Sunday schools, and 6 hospitals, dren. The town has 4 Sunday schools, and 6 hospitals, or almshouses, of various foundations, furnishing lodging, clothing, and a small stipend to 53 aged people of both sexes. A subscription library, mechanical library, and news-room have recently been formed; but the races, formerly held here in September, are now extinct. "Pontefract is not a manufacturing, but a very substantial and respectable country fown. A considerable trade is carried on in malt, which is said to be increasing. The corn-markets generally are also improving; but

there does not appear any prospect of a material change taking place in the condition of the bor." (Mun. Corp. Rep.) The neighbouring village of Ferrybridge within Rep.) The neighbouring village of Ferrybridge within the bor. is on the Afre (crossed there by a stone bridge of three arches), and till recently enjoyed considerable advantages from its position on the Great North Road: it is now in a state of decay. The vicinity of Pontefract is famed for its gardens and nurseries, which furnish regetables in great abundance for the markets of York, Leeds, Wakefield, Doncaster, &c. The deep loany soil around it is also well adapted for the cultivation of liquorice (glycurbica glabra), which is srown here in large quantities. it is also well adapted for the cultivation of liquorice (elg-cyrhize glabra), which is grown here in large quantities, and supplied extensively to London and other large towns. Filtering stones are quarried on the castle-hill, and are in great request in all parts of the kingdom. Pontefract received its charter of incorporation in 2 Richard III. Under the Monicipal Reform Act, it is governed by a mayor and 3 other aldermen, with 12 councillors, having also a commission of the peace under a recorder. Corp. rev., in 1847-8, 365£. The box. bas sent 2 mems. to the H. of C., with some interruptions, since 23 Edw. 1.; the right of voting down to the Reform Act having been in the inhab, householders within the bor. Reg. electors, in 1849-50, 674. The spring quarter sessions for the W. riding are held here in Easter week. Markets on Saturday, and large fortnight fairs for cattle, besides eight other annual fairs.

Markets on Saturday, and targe forthight tairs for cartie, besides eight other annual fairs.

The principal celebrity of Pontefract is owing to its castle, once of great extent, but now a mere ruin, its site having in a great measure been converted into garden-ground. It appears to have consisted of several towers, with intervening walls and other buildings, the towers, with intervening walls and other buildings, the round-tower, or donjon keep, having occupied an eminence at its W. estremity. It was finished in 1980. In the beginning of the 14th century it became, by marriage, the property of the Earls of Lancaster, and in the reign of Henry IV. was attached with the rest of the duchy to the crown. For the space of many centuries it stood the ornament and terror of the surrounding country, till the creament of Charles. These area surrounding them are ornament and terror of the surrounding country, the the civil wars of Charles I., when, after sustaining three successive and desperate sleges, it was finally taken by the parliamentary army in 1649, when it was unroofed and demollahed by order of parliament. This castle has been the scene of various tragical events in English history. In the reign of Edward II., Thomas, Earl of Laucaster, In the reign of Edward II. In the reign of Edward II., Thomas, Earl of Laucaster, was brought a prisoner here, and detained till the day of his execution. Richard II. was confined, and eventually murdered here; and in it, also, Anthony Woodville, Earl Rivers, Richard Lord Grey, Sir Thomas Vaughan, and Sir Richard Hawse, were put to death by order of Richard III., without even the form of a trial. (Mun. and Bound. Rep.; Inspector of Prisons, 2d and 4th Reports.) PONTINE MARSHES. See ITALY.

PONTOISE (an. Briew Isare), a town of France, dep. Seine-et-Oise, cap. arrond., on the Oise, where it is joined by the Vionne, 20 m. N. Versailles. Pop., in 1846, ex. comm., 4,503. It stands upon an abrupt rocky hill, and was formerly surrounded with walls, portions

1880, ex. comm., 4,503. It stands upon an abrupt rocky hill, and was formerly surrounded with walls, portions of which still exist. The lower part of the town is tolerably well built and paved, but has no building of importance except a new and good hospital. The rivers here turn numerous flour-mills; and in addition to these Postoles has leave and concer works, transites and Pontoise has iron and copper works, tanneries, and manufactures of watches, jewellery, cutton yarn, &c. It was frequently taken and retaken in the wars between England and France; and the parliament of Paris sal here several times during the 17th and 18th centuries.

(Dict. Gog. &c.)
PONT-ST. ESPRIT, a town of France, dep. Gard, cap. cant., on the Rhine, 31 m. N.N.E. Nismes. Pop., in 1836, 4,160. It derives its name from its famous bridge over the river, constructed between 1255 and 1309, 875 over the river, constructed between 1255 and 1309, 875 yards in length; it has 23 arches, buttis only about 12 ft. In breadth. It is kept in perfect repair, and has of late been made practicable for carriages. The town, which is ill-built, with narrow, winding streets, has a small port on the Rhone, and a considerable traffic in corn, wine, oil, and silk. (Hugo, &c.)
PONTYPOOL (corrupted from Pont ap Howell), a market-town and township of England, par. Trevethin, hund. Abergavenny, co. Monmouth, 15½ m. S.W. Monmouth, and 125 m. W. by N. London. Area of par. and

township, 10,460 acres. Pop. in 1841, 14,842. The town, occupying the side of a steep hill, near a rivulet trib. to the Usk, and nearly surrounded on all sides by mountains, is large and straggling, with two principal streets, lined with neat houses and numerous shops. The church, on an eminence near the town, has an embattled

church, on an embence near the town, has an embattled square tower; and there are two chapels of ease, besides places of worship for Wesleyan Methodists and Independents, with attached Sunday-schools.

Pontypool was formerly celebrated for its manufacture of japanned goods, introduced by Thomas Allgood, their inventor, in the reign of Charles II.; but this branch of industry has greatly declined, owing to the successful competition of Birmingham, which now nearly monopolises the trade. Its present importance is derived from the Iron and tin mines in the surrounding district, chiefly belonging to Canel Hanbury Leich, Eso., and from the the Iron and fin mines in the surrounding district, chiefly belonging to Capel Hambury Leigh, Esq., and from the iron-works, situated a little S.W. from the town, and conducted upon a very large scale. It is connected partly by rallway and partly by ranal with Newport, its shipping-place for the produce of the mines. Petry sessions for the hund, are held here. Markets, on Saturday, and cattle fairs on the last Monday of each month, besides others, April 22, July 5, and Oct. 16.

Pontypool Park, the seat of the Hanbury family, is at a short distance N.E. the town; it is finely wooded with oak and other forest trees; and the house, on a perpendicular cluff above the Avon-Liwyd, commands a fine view of the surrounding country. (Nicholson's Cambrian Guide, &c.)

Guide, &c.)

Guide, &c.)

POOLE, a parl and mun. bor., sea-port, market-town, and par. of England, and a co. of itself, with separate jurisdiction, on a peninsula on the N. side of the extensive and almost landlocked harbour, whence it derives its name, 20 m. E. Dorchester, and 97 m. W.S.W. London. Pop. of parl. bor., which includes, with the old bor., small portions of pars. of Camford and Hamworthy, in 1841, 8,449. The town consists of several streets intersecting each other at different angles, the principal running in a N.E. direction through the market-piace, in which is the town-hall, a convenient building, with attached shambles. The modern houses are senerally substantial, and recularly built; but the older ing, with attached shambles. The modern houses are generally substantial, and regularly built; but the older parts of the town have a mean, shabby appearance. The church is of modern erection, and there is a chapel of church is of modern erection, and there is a chapel of ease, both livings being in the gift of the parishioners. The Wesleyan Methodists and independents have their respective places of worship, and the town has 4 Sundayschools, a free grammar-school, several charity schools, and 2 or 3 well-endowed almshouses. There is a small gool, and the par. workhouse has lately been formed into a union with 7 other pars., the expense of supporting the poor of this par. having been 2,0311. in 1839. "The whole town, with its inhabs, and trade, may be described as in a prosperous and increasing state. Several vessels from the port are engaged in the Newfoundland fisheries; besides which it has a large and increasing coasting-trade, the exports being principally Purbeckelsy (for the Staffordshire potteries) in exchange for coal." (Park. Bound. Rep.) The port has also a considerable foreign trade: there belonged to it in January, 1800, 128 ships, of the aggregate burden of 15,060 tons. siderance foreign trade: there belongs up to it in analy, 1850, 126 ships, of the aggregate burden of 15,660 tons. Gross customs duty, in 1846, 8,856. The entrance to Poole harbour, about \(\frac{1}{2} \) in in width, has a shifting bar, over which there are seldom more than 15 \(\frac{1}{2} \), even at high water. Vessels drawing 14 \(\frac{1}{2} \), water may, however, over which there are seldom more than 15 ft., even at high water. Vessels drawing 14 ft. water may, however, come up to the quays. "It is a considerable and singular advantage to Poole harbour, that the tide ebbs and flows twice in 12 hours. It first flows regularly 6 hours, and ebbs for 1½ hours: it then flows for 1½ hours, and ebbs during the remaining 3 hours. The second flood seems to arise from the peculiar situation of the eutrance; for, being in a bay facing the E., the lide of ebb from between the Isle of Wight and the main, falls into that bay, forcing its way so as to raise the water for 1½ hours, at which period the water without the bar, by its falling to a lower level than that within, produces a second ebb till a lower level than that within, produces a second ebb till low water." (Purdy's Sailing Directions for the English Channel, p. 29.)
Near the mouth of the harbour is a bank, from which large quantities of oysters are taken, to be fattened in the

received of Essex and Kent.

Poole, which claims to be a bor. by prescription, has received several new charters, the principal being in the 10 Eliz. Under the Mun. Reform Act, it is divided into 10 Eliz. Under the Mun. Reform Act, it is divided into two wards, and is governed by a mayor, 5 other aldermen, and 18 conneiliors. Corp. rev., in 1848-49, 1,633. The bor. has returned 2 mens. to the H. of C. since the reign of Edward III., the right of election down to the Reform Act being in the members of the corporation, resident and non-resident. The electoral limits were enlarged as above mentioned by the Boundary Act; and in 1849-50, it had 498 reg. electors. Markets on Monday and Thursday, fairs, May 1. and Nov. 2.

POONAH, a distr. of British India, presid. Bombay, principally between the 17th and 19th degs. of N. lat, and the 74th and 76th of E. long.; having N. Abmed-N n 4

pograr, W. the Conean, S. the Sattarah dorn, and E. thuse of the Nizam. Area, 8,281 sq. m. Pop. about 5,060. It has several churches, a head-frequiar, but interspersed with many fertile and well-watered valleys. The climate is good and invigorating, and more suitable to Europeans than most parts of India. A good deal of the surface consists of the black and invigorating, and more suitable to Europeans than most parts of India. A good deal of the surface consists of the black and the suitage consists of the black and the suitage consists of the black on the village system: land revenue, in 1827-8, 15, 16, 333 trained comprise about 1.16th part of the land in cultivation, and gardens about 1.16th part of the land in cultivation, and gardens about 1.16th the land is assessed to the village system: land revenue, in 1827-8, 15, 16, 333 trained to the village system: land revenue, in 1827-8, 15, 16, 335 trained to the village system: land revenue, in 1827-8, 15, 16, 335 trained to the village system: land revenue, in 1827-8, 15, 16, 335 trained to the village system: land revenue, in 1827-8, 15, 16, 335 trained to the village system: land revenue, in 1827-8, 15, 16, 335 trained to the village system: land revenue, in 1827-8, 15, 16, 335 trained to the village system is and revenue, in 1827-8, 15, 16, 335 trained to the village system is and revenue, in 1827-8, 15, 16, 335 trained to the village system is and revenue, in 1827-8, 15, 16, 335 trained to with the cap. of the should the village system is and revenue, in 1827-8, 15, 16, 335 trained to the village system is and revenue, in 1827-8, 15, 16, 335 trained to the village system is and revenue, in 1827-8, 15, 16, 335 trained to the village system is and revenue, in 1827-8, 15, 16, 335 trained to the village system is and revenue, in 1827-8, 15, 16, 335 trained to the village system is and revenue, in 1827-8, 15, 16, 335 trained trained to will a second trained trained to will associated to will associated trained trained trained trained trained trained trained tra

the Mahratta sovereign till the iniddle of the 18th century. It came into our possession in 1818. (Hamilton; Heber, in Mod. Tras., &c.)
POPAYAN, a city of Colombia, cap. of the gov. of Cauca, New Granada, on an extensive table-land, nearly 5,000 ft. above the sea, having the Cauca River, about a league distant, on the N., and a mountain named M, from its resemblance to that letter, on the E.; 230 m. S. W. Bogota, and 235 m. N.E. Quito; lat. 29 28' 28'' N., long. 75' 31' 30'' W. Pop. estimated at 23,000. Like most other Spanish-American citles, it is laid out on a perfectly regular plan, its broad streets being bordered with in more remainded to that letter, on the E.; 230 m. S.W. Bogota, and 235 m. N. B. Quito; lat. 29 28 28 27 N. Jong. 76° 31′ 30′′ W. Pop. estimated at 25,000. Like most other Spanish-American cities, it is laid out on a perfectly regular plan, its broad streets being bordered with stone footways. The houses have for the most part only one story, and are usually built of unburnt brick; but, according to Mollien, some of them would not discredit a Ruropean capital; and that traveller would have preferred this to most South American cities, had it not been that the myrisds of disgusting insects rendered a residence in it all but intolerable. It has several squares, one of which is spacious and handsome; a cathedral and other churches; numerous conventual buildings, some of which are now converted into barracks, or appropriated to other uses, and was formerly the seat of a royal mint and of a tribunal of finance. Two bridges are thrown across the Mollins, a tributary of the Cauca, which runs rapidly through the city, and drains it of its fith. Popyann is principally inhabited by Negroes and Mulattoes, the number of whom, a few years since, was double that of the whites. It was formerly the cairept of the trade between Bogota and Quito, and had a large traffic in the precious metals; but the revolution, by turning the trade into other channels, gave a blow to its prosperity, from which it has not hitherto recovered. It has still, however, some trade in woollen stuffs, salt, four, sugar, cocoa, &c.; and its markets are always well supplied with provisions. Popsyan was the first city built by Ruropeans in this part of the New World, having been founded by Benalezara in 1837. A considerable of the formation of the city as accorded to the formation of the could be provided and the proprietor of the estate on which Port-Glasgow is a trade of the which is the proprietor of the estate on which Port-Glasgow is the proprietor of the estate on which Port-Glasgow is built, stands on the shore, immediately contingent to provide a

class, is extensively carried on. A max mini employs above 400 hands.

Port-Glasgow, as every one knows, was the sea-port or deep-water harbour of the city of Glasgow; and was long regarded as a mere dependency of the latter. It has two capacious harbours, furnished with ampie quay and shed room, together with a graving dock, the oldest in Scotland. A large and commodious wet-dock has been constructed. Formerly the trade of this place was almost entirely carried on in ships belonging to merchants resident in Glasgow. Of late years, however, the people of Port-Glasgow have themselves become ship-owners, and at present the greater part of the shipping belonging to the port, amounting in all, on the lst January, 1850, to 12,217 tons, ex. some small steamers, is owned by residents in the town. It is the principal port on the Clyde for the importation of N. American timber, the quantity imported having varied during the last 15 years, from 16,000 to 32,000 tons a year. Owing to the great improvements that have recently been effected in the navigation of the Clyde, the greater part of the trade belonging to Glasgow that formerly centred in this port, has been transferred to the former. The towns, con-

Danbarton, and Kilmarnock, in sending I mem. to the i. of C. Registered voters, in 1849-50, 184. Municipal evenue, 1848-9, 8,0614. (Fide the article Glascow, in his work; New Stat. Account of Scotland, § Renfreshire, pp. 63—74; Bound. Reports; Factory Returns, &c.) PORT JACKSON. See Synney.
PORT JACKSON. See Synney.
PORT MAHON, a see-port of the Island of Minorcs, which see.

rhich see.

PORT-PATRICK, a sea-port town of Scotland, co.
Nigtown, on a gentle declivity on the B. coast of the
rish Channel; bounded on the land side by hills which
uddenly rise, in a romantic semicircular form, to the
eight of 200 or 200 ft.; 109 m. S. W. Edinburgh, and
1 m. N.B. Donaghadee, Ireland. Pop., in 1791, 512;
n 1841, 996, of whom about a third are Irish, or of Irish

n ioti, yee, or whom about a third are irish, of of irish isseant.

The principal street is in the form of a crescent, pallel to the bay; and there are 2 smaller streets consected with it, stretching at right angles towards the itilis. The houses are, in general, well built, comfortable, and covered with slate. With the exception of the parhurch, erected in 1629, and of a free church, there are public buildings, nor any other place of public worship, hough there are dissenters of all kinds in the town and ar. Education is at a low eibb; lower, perhaps, than in ny other place of similar size in Scotland. There is a mall parish library; and a still smaller one connected rith the Sunday-school. There are no manufactures; at the cod fishery is carried on to some extent. Government steam-packets, in the service of the post-flow, used to ply between Portpatrick and Donaghades. The shortness of the passage from the latter made Portaurick, previously to the introduction of steam navigation, a principal port of entry, not merely for passengers

atrick, previously to the introduction of steam naviga-ion, a principal port of centry, not merely for passengers oming from Ireland to Britain, but also for cattle ex-orted from the former to the latter. But after a direct ommunication by means of steamers had been established etween Ireland and Holybead, Glasgow, Liverpool, iristol, &c., the passage by Portpatrick was all but holly abandoned. Even the trade in cattle fell off to lmost nothing. Thus, while about 20,000 horses and attle were imported into Portpatrick in 1812, only 1,037 ere imported in 1837, and the numbers have since de-lined.

lined.

Formerly the harbour of Portpatrick was a mere inlet etween two ridges of rocks, and was one of the worst nd most dangerous on the W. of Scotland. Wheever a vessel approached the harbour, the linhabs. asymbled to draw her to the beach, there being no quay reresk to afford shelter from the waves. But a quay nd reflecting light-house were built about 60 years ago; ad it having been determined to make the place a steamacket station, a new harbour has been constructed, procted by two piers, curved to resemble a horseshoe, and unished with letties near their extremities, by which cted by two piers, curved to resemble a horseshoe, and mished with jettles near their extremities, by which is entrance is contracted to 180 ft.; the area of the basin us formed being about 7 acres. In accomplishing this reat work, rock to an immense extent required to be cavated, which was effected by means of puddle-dikes id the diving-bell. The original estimate was 120,000; it the total expense exceeded 200,000. After all, howers, the entrance to the harbour is very difficult in ugh weather; and in truth Portpatrick should not are been selected as a packet station. Latterly, indeed, has been found necessary to abandon it; and the mails om the N. of Ireland for Scotland, which formerly ere received here, are now forwarded to Greenock, on a Clyde. Portpatrick has still, hower, a few coasting-issels and an inconsiderable trade.

ere received here, are now forwarded to Greenock, on ec Clyde. Portpatrick has still, however, a few coasting-asels and an inconsiderable trade.

Portpatrick was long resorted to as the Gretna Green r Ireland, and was celebrated for its run-away, or regular marriages. The lowest sum charged was 10t., yable to the parochial clergyman, who performed the arriage ceremony, and 1t. to the seasion clerk. The actice was abandoned in 1826, owing to the interrence of the church courts; but in the records of these arriages during the preceding period of 30 years, there cur the names of 198 gentlemen, 10 officers of the army navy, and 13 noblemen. (New Stat. Acc. of Sections, Wigioussaire, p. 129—161.; and Priv. Inform.)

PORT-AU-PRINCE, now called PORT-REPUB-ICAIN, a city, and sea-port, and the modern cap. of the pub. of Hayti, on the W. coast of the island, at the stom of the Bay of Gonaives, 90 m. S. Cape Haytien, d 165 m. W. St. Domingo; lat. 180 33 42" N., long. 27" 11" W. St. Domingo; lat. 180 33 42" N., long. the harbour is protected by a battery on a small isdo near the shore. The streets are laid out with great coision, crossing each other at nearly right angles; but e town is Irregularly built; the houses are principally wood, and as they seldom exceed 2 stories in height, we a naiver appearance. Except the palace, which is a wood, and as they seldom exceed 2 stories in height, we a paltry appearance. Except the palace, which is a ge building, with a handsome flight of steps leading good reception rooms, there are no public buildings any importance. The arsenal, church, mint, lyceum,

military hospital, and courts of law, are all insignificant. The adjacent country is low and marshy; and the heat in the summer months being excessive, the climate is then exceedingly unhealthy. The entrance to the harbour is between White Island and the S. shore. The depth of between White Island and the S. shore. The depth of water varies from about 18 ft. at ebb, to 20 ft. at full tide. It is customary, but not compulsory, to employ a pilot in entering the harbour. Ships more beed and stern at from 100 to 500 yards from shore; loading and unloading by means of boats, as there are neither docks nor quays to facilitate these operations. The harbour is perfectly safe, except during hurricanes, which may be expected from Aug. to Nov. The markets are tolerably well supplied with beef, mutton, fowl, fruit, and vegetables; but the supply of fish is uncertain; and such is the indolence of the inhabs, and their neglect of the most obvious resources, that though turile abound in the hay, they are The depth of sources, that though turtle abound in the bay, they are rarely found in the markets,

Farely found in the markets.

For an Prince is the seat of government, the supreme court of justice, court of cessation, a tribunal of original jurisdiction, &c. It is also the residence of the principal foreign consule in Hayti, and the grand entrepts of the commerce of the island, which, however, is trifling, compared to what it was previously to the commencement of the disturbances and stroctites that devastated this fine colony. (See Hayri.) It is of late origin, having been founded in 1749. It is very subject to earthquakes, by one of which it was nearly destroyed in 1770. (Mackensic's Notes on Haiti, i. 6-26; Energe. Amer.; Comm. Dict.)

Diet.)

PORT-ROYAL, a town and sea-port, and formerly the commercial cap. of Jamaica; at the extremity of a narrow point of land, bounding Kingston Harbour on the S. and E., about 5 m. S. S. W. Kingston. It formerly had 3,000 houses, and was handsomerly built; but having been in great part destroyed by an earthquake in 1602, and having subsequently suffered severely by fires and hurricanes, its public offices were transferred to Kingston, and it is now insignificant as a town. It is still, however, strongly fortified, and is the seat of the royal navy yard, the naval hospital, and of some regimental barracks.

racks.

PORTARLINGTON, a parl. bor. and inland town of Ireland, prov. Leinster, on the Barrow, which divides it into two portions, the larger of which is in Queen's, and the smaller in King's co., 46 n. S. W. by W. Dublin. Area of parl. bor., 460 acres; pop. of ditto, in 1241, 8,106. It consists principally of a single street, nearly 3 m. in length, extending on both sides the river, which is here crossed by 2 stone bridges. This is, perhaps, the best-built, and cleanest country town in Ireland. "Few towns of its size have so respectable an appearance, which arises, not from its trade or manufactures, for of these it has none beyond the retail trade consequent on its pop., but from the unusual number of its resident gentry." (Mews. Boomd. Report.) A considerable part, perhaps, of the from the unusual number of its resident gentry." Mess. Bossed. Report.) A considerable part, perhaps, of the distinguishing features of this town may be ascribable to the fact of a colony of French Protestant refugees having been settled in it by William III. It has two churches, in one of which, frequented by the refugees and their descendants, divine service was performed in the French language within the course of the present century. It has, also, 2 Rom. Cath. chapels, a Methodist meeting-house, a market-house, and a dispensary. The schools belonging to this town have long enjoyed a high reputation, especially those for French; and in them two of the most illustrious individuals of whom ireland has had to boast, the Duke of Wellington, and his brother the Marquis Wellesley, received the rudiments of their education. Under a charter of Charles II., in 1667, the corporation consisted of a sovereign, 2 portreeves, 12 education. Under a charter of Charles II., in 1667, the corporation consisted of a sovereign, 2 portreeves, 12 burgesses, and a commonality; but this body was dissolved by the Irish Municipal Act. The bor-resturned 2 mens. to the Irish H. of C. down to the Union, since which it has returned 1 mem. to the Imperial H. of C. Registered electors in 1849-50, 158. An obeliak on a hill adjoining the town commands an extensive prospect. Manor courts and petty sessions are held here; and it has two constabilisty stations one in the portion of the adjoining the town commands an extensive prospect. Manor courts and petty sessions are held here; and it has two constabulary stations, one in the portion of the town in sach county. Markets on Wednesdays and Saturdays; fairs on 5th Jan., 1st March, Easter Monday, 22d May, 4th July, 1st Sep., 12th Oct., and 22d Nov. The town, with an extensive surrounding district, was granted, in the reign of Charles II., to Lord Arlington (Sir H. Bennett; the Rilab of Dryden's Absalom and Achitophel), one of the famous Cabal. The town, which was previously called Cultodry, took the name of its new owner, the prefix Port being given to it in conwhich was previously called Cultodry, took the name of its new owner, the prefix Port being given to it in consequence of its having a small landing-place on the Barrow. Lord Arlington, however, soon afterwards sold the property; and, after passing through various hands, it was acquired by Mr. Dawson, an ancestor of the present Earl of Portarlington. Emo House, the residence of this noble family, is about 4 m. S. from the town. (Muss. and Parl. Boundary Reports; Fraser's Guide to Iraland &c.

Ireland, &c.)
PORTLAND, a city and port of entry in the U. States,

536 PORTLAND (ISLE OF).
State Maine, of which, till 1832, it was the cap.; on a peninsula in Casco Bay, 50 m. S. W. Augusta, and 50 m. N. N. E. Portsmouth; lat. (observatory) 45° 20' N. Pop. in 1848, 190.13. It is the largest town in the state, and is well built and laid out, having numerous churches, an elegant court-house, market, aims and custom houses, an altenserum with a good library, and several banks. The harbour has deep water, is safe and capacious, and is never frozen, except for a few days in the coldest winters. Its entrance is marked by a lighthouse, 70 ft. in height, on Cape Blizabeth, 3 m. S. by E. from the town. The town and harbour are protected by two forts. The inhabs. of Portland carry on an extensive coasting and foreign trade, and have a considerable share in the fisheries. In 1849, the aggregate burden of the shipping belonging to the port amounted to 84,569 tons. There are numerous schools for children of either sex. The city was incorporated in 1786. (Emerc. Amer.; Bismi's Amer. Coast Pilot, \$2.

in 1786. (Eacyc. Amer.; Blams's Amer. Coast Pilot, \$\frac{PC}{C}\$. (Eacyc. Amer.) and convex on its E. aide. Where widest it is nearly 2 m. across; area 2,970 acres. Pop. in 1841, 2,952. It consists of a vast mass of freestone, rising in its highest point to about 450 ft. above the level of the sea. Its quarries, which have long been famous, have furnished the stone used in the building of \$\frac{PC}{C}\$. Paul's and many other edifices. It has a village, several hamlets, a prison for convicts, with churches, echools, and two old castles. It is well watered, and the soil, though in most parts thin and light, is fertile, yielding fine herbage, with wheat and other grain, but not in sufficient quantities for the supply of the inhabs. The custom of gavelkind prevails in the island. Near its 8 extremity, denominated "Portland Bill," in lat 500 31' 22' N., long, \$\frac{PC}{2}\$ 20' 49' W., are 2 lighthouses with fixed lights, elevated 198 ft. above high water. The "Race of Portland" lies to the \$\frac{PC}{2}\$ of the Bill. It is a rippling of the water, occasioned by the ruggedness of the ground, which impedes and breaks the course of the tide. At springs it is rather dangerous, at least for small loaded vessels. In the angle between the N. coast of the island and the opposite shore of the mainland, is Portland or Weyraouth Roads, where there is excellent anchorage, with W. or N. winds, for the lurgest ships. But gales from the \$\frac{PC}{2}\$ and \$\frac{PC}{2}\$ on the late of the cliffs and of the land, having been undermined, fell into the sea, and sunk to a luwer level. The isle of Portland has recently ben made a dept for convicts, who are employed on the breakwater. (Hatchin's Dorset, it 334. Sas edit; Nordez. having used tensions.

In the liste of Portland has recently been made a depth for convicts, who are employed on the breakwater. (Hutchin's Dorset, il. 354. Sud edit.; Norie's Sading Directions for the English Channet; Lyel's Geology, i. 416, 3rd ed.; and Porl. Papers.)

PORTO-BELLO, a famous sea-port and town of Colombia, on the Caribbean Sea, on the N. side of the isthmus uniting the two great continents of N. and S. Amarica, at the noint where it is less than 40 m. across;

America, at the point where it is less than 40 m. across; lat. 9° 24' 29" N., long. 79° 43' 35" W. The town now greatly fallen off, is built along the shore, at the foot of a lat. 10 24' 29" N., long. 739 43' 35" W. The town now greatly fallen off, is built along the shore, at the foot of a mountain range which surrounds and shelters the harbour. But this barrier, at the same time that it protects the port, prevents the circulation of the air, and, combined with the heavy periodical rains, the influence of the surrounding forests, and the excessive heat, renders this locality a favourite seat of yellow fever, and one of the most unhealthy places in the world. Owing, however, to the excellence of its port, which is one of the finest that can be imagined, and its contiguity to Panama, on the opposite side of the isthmus, it was, for a lengthened period, an important commercial energy 61. Down to 1740, the galleons from Old Spain, with merchandise for the Spanish Main, Peru, and the W. coast of America, used to rendesvous at Porto-Bello, about the same time that the Peru feet arrived at Panama, the gold and silver, and other produce brought by the latter, and conversely. As soon as the galleons had unloaded, and the merchandise from Panama had arrived, a fair was held, which was attended by a great concourse of strangers, and when a great deal of business was transacted. But in 1740 the galleons ceased to resort to Porto-Bello, the commerce with Peru and W. America having been since carried on direct by vessels that sailed count of the protections of the protection of Porto-Bello, the commerce with Peru and W. America having been since carried on direct by vessels that sailed round Cape Horn. In consequence, the importance of Porto-Bello rapidly declined; and the advantages of its port not being sufficient to countervail the unhealthness of its climate, it is now comparatively deserted. But should the project for effecting a communication across the isthmus, by canal or railway, take effect, it is probable that Porto-Bello may recover some portion of its former importance. The climate is said to have been improved by an opening made in the mountains that

PORTO-RICO.

encircle the town, and by the cutting down of a portion of the adjacent forests. (See Panama.)

Notwithstanding Porto-Bello was formerly very strongly fortified, it was taken, with little loss, by Admiral
Vernon in 1739. The importance of this exploit, and
the abilities of the admiral, were, at the time, much
overrated; and it was supposed that if he were furnished
with an adequate force he would have little difficulty in
reducing all the Spanish settlements in this quarter.
But the events that took place during the next two
years, and especially the failure of the attack on Carthagens, undeceived the public.

Porto-Bello was discovered, in 1802, by Columbus, its
mame being derived from the excellence of its barbour.
(Alcedo's Dictionery; Geog. Account of Columbus, its
303.; Smolleli's Hist. of England, cap. 18, &c.)

PORTOBELLO, a parl. bor. and sea-port of Scotlend, co. Mid Lothian, in a plain on the 8. bank of the
Frith of Forth, 2 m. E. Edinburgh. Pop. in 1841, 3,588;
but in summer its pop., owing to the influx of visitors
from Edinburgh, is much larger. It has no public
beildings, except a chapel of ease attached to the establishment, a Free Church, and chapels belonging to the
Episcopalians, Independents, and Relief. The main
street lies along the line of the public road running E.
and W.; a number of cross streets diverge from k, leadand diverse of these consist of lines of detached
villus. Soparate villus, also, abound throughout the
town, some of them fronting the sea. No fixed plan has
straggling appearance, and some of the older parts are
very mean.

Adlacent to Portobello is the village of Joppa, now al-

town, some of them fronting the sea. No fixed plam has been observed in laying out the town, which has a straggling appearance, and some of the older parts are very mean.

Adjacent to Portobello is the village of Joppa, now almost a part of it. There is no harbour at either place. There are manufactories of bricks, tiles, earthenware, glass, and crystal. Fire-clay abounds on the E. point of Joppa, where fire-bricks are manufactories to a considerable extent. A branch bank has been established in Portobello. It is estimated that the average number of visitors for sea-bathing in the town, from May to Oct., amounts to 500 or 600. And, owing to the salubrity of its situation, many families resort to it as an eligible permanent residence.

Portobello derives its name from the first house having been built by an individual who had been with Admiral Vernon, in 1739, at "Portobello." The Reform Act united it with Leith and Musselburgh in sending I mean, to the H. of C. Registered electors in 1849-50, 250. Municipal councillors, 9.

PORTO FERRAJO, a sea-port and the principal town of the island of Elba, which see.

PORTO-RICO (Span. Pserto Rico), one of the W. India islands belonging to Spain, being the smallest and most E. of the Greater Antilles; chiefly between lat. 170-57 and 180-207 N., and long. 650-467 and 670-287 W.; having N. the Atlantic, and S. the Caribbean Sea, separated on the E. from the Virgin Islands by the Virgin Passage, and from Hayti on the W. by Mona Passage, Som. acrose. Its shape is that of a parallelogram, the length E. to W. being about 100 m., and the breadth about 38 m. Area, 3,700 sq. m. Under the old colonial system of Spain, in 1788, the pop. did not exceed 80,650; whereas it amounted, in 1836, according to the official returns, to 357,086, of whom only 41,818 were slaves; and its now (1850) probably little, if at all, short of 500,000 or 500,000. A mountain chain runs E. and W. through the centre of the island; the heighest summit of which, at the N. E. extremity, is about 3,000 ft. in he herent parts; the N. coast being especially subject to heavy rains, and the S. to droughts. Violent hurricanes often do immense damage. Porto-Rico is singularly destitute of wild animals. "There are almost no indigenous quadrupeds; and scarcely any of the feathered triber are to be found in the forests. The birds are few both in number and species; you may travel whole leagues without seeing a bird or even hearing their chip. On the rivers there are a few water-fowl, and in the forests the green parrot. Almost every other island in the W. Indies is infested by snakes, and other noxious reptiles. Here are none. But rats of an enormous size, and in great numbers, infest the country, and sometimes commit dreadful ravages on the sugar-canes; and although continually persecuted, their numbers do not decrease." (Fisher's Pacrio-Rico, 53.)

The resources of Porto-Rico are wholly agricultural; no manufactures exist, nor have any mines of gold or

ilver, or other mineral products, been hitherto explored. According to an official return the lands under the liferent species of culture in 1830, and their produce vere as fellows:—

Articles of Culture.	Arres in Culture.	Produce.		
Bugur-cane Plentains . M side M side . Rice Tobacce . Manico . Sweet pointons Yuans . Fulse . Coffee . Coffee . Coffee . Total acres in]	30,760 16,194 14,850	Regar (musc.) 414,850 ewis. Molassa - 1,507,769 gails. Molassa - 113,165 prichas. Partialas - 617,925 conds. Partialas - 617,925 conds. Molassa - 62,750 hangus. Molassa - 63,750 cwis. Pulso - 4,570 cwis. Pulso - 4,570 cmis. Coffee - 250,000 conds.		

But during the last 20 years there has been a great ncrease of pop., and consequently, also, of production. Many thousand acres of land have been cleared and merease of pop., and consequently, also, of productionMany thousand aeres of land have been cleared and
brought under tillage; and a very great increase has
aken place of the staple products of the latand. Indeed,
t will be seen from the account of the exports in 1847
and 1848, that the sugar and molasses exported in the
burse of those years more than doubled the entire
quantity grown in 1830. Indeed, we have little doubt,
imposing the previous return to be nearly accurate,
hat the lands under cultivation in Porto-Rico may at
breasent (1830) be estimated at about 300,000 acres,
In 1829, 1,437,225 acres of land were held by 19,140
broprietors, giving to each, at an average, 73 acres. At
the same time 423 individuals were proprietors of estates
equilarly established with slaves; 275 being sugar-estates,
and 145 coffee-plantations. The remaining 17,440 prorietors bred cattle, and raised provisious and small
quantities of coffee. In consequence of the small capital
equired, the lubabs. formerly applied themselves almost
acclusively to the latter branches of Industry: so much

xclusively to the latter branches of industry: so much o was this the case, that at the commencement of the o was this the case, that at the commencement of the resent century, there were but 29 sugar estates on the sland; and in 1802 the total value of the exports did ont exceed 57,500 dolls. I At present, however, the case s widely different; the S. coast of the island is generally ecupied with sugar-plantations, and in 1847 the exports of sugar amounted to no less than 1930, 150 cet., or 46,500 ons. But, with the exception of the S. coast, most parts
the island exhibit a promiscuous cultivation, plantaions of sugar being intermixed with those of coffee, and rith field-rice, maize, plantaios, tobacco, and pasture, rtificial irrigation is no where practised; but notwithtanding the drought which prevails in the S., plenty of rater for the cane is found at about 2 ft. below the surrater for the came is found at about 2 ft. below the surace. The average produce of sugar per acre, for the
inde of Porto-Rico, is estimated by Filinter at 30 cet.,
eing more than double the quantity raised on the best
inds in the most favoured of the British Antilles!
Puerto-Rico, 180.) The coffee is of a peculiarly good
uality, much care being taken in plucking and preparing
The trees, which mostly belong to small proprietors,
row to a great height, and sometimes yield from 20 to
0 lbs. each. Every poor family has 20 or 30 trees; and
ven in the woods trees are to be found in a wild state,
uden with coffee. The free labourers at the barvest ven in the woods trees are to be tound he a will sear, when with coffee. The free labourers at the harvest ome into the market, some with 50 lbs., others with a wt., and so on, being the surplus of their little crops, fer leaving enough for the use of their families for the asson. This they sell to the merchants, to purchase raises of clothing. The plant on the large estates, cultural by theme is removed and our low, and yields, at vated by slaves, is pruned and cut low, and yields, at n average, I lb. per tree. Flinter estimates that, in 1830, ie 148 coffee estates may have produced 300 cwt. each, raltogether 44,400 cwt.; and that the remaining 205,600 cst.) of the estimated produce (200,000 cst.) of that year as the growth of free labour. The tobacco of Portoleo, which is but little inferior to that of Cuba. is holly the produce of free labour. Poor families, white and black, plant \(\frac{1}{2}\) or \(\frac{1}{2}\) acre, and cure and dispose of the roduce to the shopkeepers in the villages, who are generally agents for the more extensive merchants of the capital. These shopkeepers furnish clothes and money in Ivance, at an enormous interest, to the cultivators, from Ivance, at an enormous interest, to the cultivators, from hom they receive their crop at a certain price, generally so than half its value. The soil in many places is parcularly suitable for the growth of cotton, the culture which has been very greatly extended within the last alf dozen years. Indigo grows spontaneously, but is at cultivated; and few European vegetables are raised, sough the greater number might be produced without such difficulty.

The pasture lands in the N, and E, are superior to

The pasture lands in the N. and E. are superior to

any in the W. Indies for breeding and fattening cattle; the total number of which in Porto-Rico, in 1830, was estimated at about 200,000. Cattle-breeding is, perhaps, more profitable here than anyother branch of agriculture; but, owing to the subdivision of property, few individuals poiséas so many as 1,000 head of cattle. In the breeding districts, where there are no arable lands, the cattle are clatricts, where there are no arable lands, the cattle are permitted to roam at large, as on the American continent, but on a smaller scale; elsewhere they are permed up in enclosed meadows. They are mostly reared in the valleys distant from the coast, whence the carriage of sugar and coffee would be too expensive for the cultivator. The larger proprietors, who have from 100 to 180 head, if they have not sufficient pasture land of their cwn, divide their stock among the poorer land-owners, giving them cows, and calves already weaned, to be taken care of; and dividing the produce of the animals, when cold, with them, in a certain proportion. The cattle are turned into the fattening pastures at a year old, and in 3 or 4 months are fit for sale. A considerable traffic has long been carried on in cattle from this island with the French, English, and Danish W. I. Islands; for, in consequence of their being tamer, they are easier managed on board ship, and are not so liable to die or fall off at son as the wider cattle of the American continent; they fotch about 33j dollars per head. The home supplies of cheese and butter are insufficient for the consumption. The island is not adapted for wool growing, the fieces of cheese and butter are insufficient for the consumption. The island is not adapted for wool growing, the fleece of the sheep degenerating into a species of hair; but the mutton is excellent. The numbers of sheep, goats, hogs, mules, and asses are, however, very limited; but there are, probably, above 80,000 horses of a tolerably good breed. The value of the live stock in 1830 was estimated at about 7,838,000 dollars; of which the cattle made 4,000,000, and the horses 3,200,000. The forests in the interior supply timber of the best quality for ship and house building; and to prevent their decrease, the government has ordered that three trees should be planted.

for every one cut down.
Previously to 1815, Porto-Rico, being excluded from Previously to 1819, Porto-Rico, being excludes from all direct intercourse with other countries excepting Old Spain, was either stationary or but slowly progressive, the entire value of the exports in that year having amounted to only 65,274 dollars! But at that epoch a royal decree appeared, which exempted the trade be-tween Spain and the Spanish colonies and Porto-Rico tween Spain and the Spanish colonies and Porto-Rico from all duties for 18 years; and she was then, also, per-mitted to carry on a free trade, under reasonable duties, with other countries. In consequence principally of these wise and liberal measures, but partly, also of a considerable immigration of rich Spanish colonists from 8 America, Porto-Rico has latterly made a most extra-ordinary progress. Great improvements have been ef-fected in the police and internal administration, and roads have been constructed in all parts of the island. The following statements as to the trade of Porto-Rico

The following statements as to the trade of Porto-Rico are taken from the Balanza Mercantil, published in the Capital, and afford the most conclusive proof of the ad-vancing prosperity of the island.

Account of the Values of the various Articles exported from Porto-Rico in 1845 and 1846, specifying the Values sent to different Countries.

		1845.		1846.	
Spain and the adjacent laland Cuba The Antilles United States Austria - Belgium Brazile Bremen and Hambargh Sardinia	la : : : : :	1,993,395 d 44,906 354,838 1,987,073 13,447 28,364 1,425 352,469 147,465 117,929	=======================================	712,542 d 45,861 335,994 1,644,636 53,166 10,648 	lolis.
Denmark Prance Holland England Canada and Newfoundland Venezuela Totals	:	635,879	=======================================	1,043,459 4,499 584,878 503,909 8,060 5,369,019	=======================================

The Quantities of some of the principal Articles exported in 1846, 1847, and 1848, are subjoined.

		1846.	1847.	1848.
Rum	- hbds.	653	537	
Hides	- Ibe.	689,973	677,146	
Cattle	 No. 	4,510	4,476	
Tobacce	- lbs.	3,935,538	2,270,652	l
Sugar		87,740,014	104,178,232	95,458,575
Cotton		291,863	36x,325	
Coffee		10,473,886	13,466,369	
Molases	علاد -	8.444.152	4.487,021	3,703,379

Among the leading articles imported in 1846 were—cotton manufactures, to the value of 783,801 dolls.; woollen do., 67,644 dolls.; drapery goods, 438,567 dolls.; and silk manufactures, 95,419 dolls.

Probably, however, the most advantageous circumstance in the condition of this island is the decided preponderance of the white and free-coloured pop. According to the census of 1836, the inhab. consisted

Whites		-		•		188,869
Free mulattoes	١.	-		-	•	101,275
Prec blacks		•	•	•	•	26,124
Blaves	•	-	•	•	•	41,818
	7	otal		•	•	857,086

This is a better distribution of classes than prevails in any other part of the W. Indies, Cuba not excepted; and the deep-rooted antipathy that exists between the white and black races in the other islands is nearly unknown

This is a better distribution of classes than prevails in any other part of the W. Indies, Cuba not excepted; and the deep-roted antipathy that exists between the white and black races in the other islands is nearly unknown in Porto Rico. The slaves have always been particucularly well treated in the Spanish colonies; and here they are decidedly comfortable, being well clothed, well lodged, and not over-worked.

"The necessaries, and many of the comforts of life are enjoyed by the great majority of the inhabs, of Porto-Rico. The Xivaros, a name applied to all the whites below the better classes, awing themselves to and fro in their hammocks all day long, amoking their cigars, and scraping a guitar. A few coffee plants and plantain trees, a cow and a horse, an acre of land, in corn or sweet potatoes, constitute the property of what would be denominated a comfortable kivaro; who, mounted on his meagre and hard-worked horse, with his long sword protrucking from his basket, dressed in a broad-brimmed straw hat, cotton jacket, clean shirt, and check pantalous, sailies forth from his cabin to mass, to a cockaght, or to a dance, thinking himself the most independent and happy being in existence.

"The bouses of all classes, in the country, are usually built of wood. The windows have no glass: they are shut with allding boards; so that when it rains, or when the wind blows with violence, the family remains in darkness. The roofs of the better class of houses are covered with wooden shingles. There are no inns for travellers either in the towns or country." (Pister, pp. 342—251.)

The government, laws, and institutions are nearly similar to those established by Spain in the rest of her Transattantic colonies. Porto-Rico is governed by a captain-general, whose authority is supreme in military affairs, and who is president of the royal assistacia for civil matters. The latter court is composed of the captain-general, a regent, three judges, a fiscal, two reporters, and a marshal; and is superior to all other constituted a

Returns.)
PORTO RICO (SAN JUAN DB), the principal city, and sea-port of the above island, of which it is the

cap., on rising ground, at the extremity of a peninsula, joined to the land by a narrow isthmus; lat. 180 29 10 'N., loug. 60 7 2" W. Pop. 13,000? The town, which lies along the E. side of the harbour, is strongly fortified. The streets cross each other at right angles: being on a declivity it is well drained, and may be considered as one of the best and healthiest towns in the W. Indies. In the earlier part of the present century, most of the houses were of wood; but at present, except in the suburbs, not a wooden house is to be seen, and they are principally two stories high. There are some good public buildings; including the bishop's palace, and seminary; the royal millitary hospital, with 350 beds; public gool, house of correction, a handsome theatre, town-house, with a magnificent public hall, several convents, &c. The government house, though old and sombre looking, has some fine apartments. The cathedral is a large, unfinished, heavy fabric; there are several other churches, with a custom-house, arsenal, &c. The harbour has a striking resemblance to that of the Havannah, to which it is but little inferior. Its entrance, about 300 fathoms in width, has the Morro Castle, at the N.W. corner of the city, out at 8. side, and is defended on the W. or opposite side, by forts erected on two small islands. Within it expands into a capacious basin, the depth of water varying from 5 to 6 and 7 fathoms. On its W. side, opposite to the city, there are extensive sand-banks; but the entrance to the harbour, and the harbour itself is unobstructed by any bar or shallow. Porto-Rico is the residence of the governor, and the seat of the superior courts, &c., for to the harbour, and the harbour itself is unobstructed by any har or shallow. Porto-Rico is the residence of the governor, and the seat of the superior courts, &c., for the island. It has a society for the promotion of the fine arts, with numerous public schools, hospitals, &c. it engrosses the larger portion, by far, of the commerce of the island, and has, in consequence, attained to considerable distinction among the emportume of the W. Indies.

able distinction among the emporiums of the W. Indies. (Fitster's Porto-Rico; Commercial Dict., &c.)
FORTSMOUTH, including its suburb of Portsea, a parl. bor., and a celebrated sea-port town of England, being the principal naval arrenal of Great Britain, and the grand station of the feet, hund. Portsdown, co. Hants, on the W. side of Portsea laisnd, at the entrance to Portsmouth Harbour, opposite Gosport, and on the N. side of the channel, separating the Isle of the channel, separating the Isle of Sm. S.W. London; lat. 50° 48° 3° N., long, 6° 5° 59° W. The area of the parl. bor. and the pop. at the undermentioned decennial periods have been as follow:—

Parishes.	Area in stat. acros.	Pop. in 1801.	Pop. in 1811.	Pop. in 1821.	Pop. in 1851.	Pop. in 1841.
Portsmouth - Portsea - # Portsea Guildable	110 4,980	7,839 94,327 1,060	7,103 31,365 2,099		8,063 38,199 4,107	9,554 }45,678
Total -	5,090	33,266	40,567	45,648	50,589	53,027

Portsea Island, which has Portsmouth at its S.W. extremity, is about 4 m. in length (N. and S.), and from 2 to 3 m. in breadth, between Portsmouth harbour on the one side, and Langstone Harbour on the one side, and Langstone Harbour on the other: it is connected with the main land, at its N. extremity, by a stone bridge, and is generally fertile and well cultivated, producing excellent crops of corn, and large quantities of particularly fine garden regetables. Besides the above towns, Portsea Island has several villages; and its coasts are well defended, at numerous points, by strong military works, including, together with the fortifications of Portsmouth intelf, Fort Cumberland, Southese Castle, a long line of intrenched works at Hilses, &c. The external appearance of Portsmouth and Portsea is greatly embellished by the fine trees which ornament their ramparts; and few towns exhibit so imposing an apprach as Portsea at its principal entrances from London. The entrances to Portsmouth, the older and more southerly part of the parl. bor., are much less striking; but its interior is far superior to that of its neighbour. Portsmouth may be generally described as consisting of three or four parallel streets, crossed at right angles by two or three other lines of thoroughfares. High Street, the pracipal, with its angular continuation, Broad, or Point Street, runs entirely through the centre of the town; it is wide and handsome, having on either side many large and excellent houses, several public buildings, and some very superior hotels. It has also been much improved by the removal, in 1836, of the old town hall, an unsightly brick building, which previously stood about its middle, blocking up the greater part of the coach-road. Many good private houses are to be met with in some of the other streets, and on the Grand Parade, a spacious open area, used for garrison inspections, and for the daily muster of the several guards; but in general the private touses are to be mich with the several public of the fire Refere

^{*} Portsen Guildable is that part of the par. of Portsen not within the jurisdiction of the bor. of Portsensuth previously to the passing of the Mun. Reform Act.

ports.

part of the town, are of the lowest character, and, ch is worse, disgustingly filthy. The Poist is a ll peninsula stretching W. to form the mouth of harbour, and mostly beyond the walls of the town, with the opposite part of Portsea, the principal esst awal traffic, most of the ship agents, brokers, ac. ing their offices here, and, in time of war especially, it ents a scene of the greatest activity.

ortsea, which has entirely grown up since the being of last century, on a tract formerly called Portsith Common, N. of Portsmouth, now greatly surses the latter in extent and pop. It is divided into nearly equal parts by its main thoroughfare, Queen et, which runs for about \(\frac{1}{2} \) m. in a direct line from Gate, and is lined on each side with shops, many of chemulate those of the Strand or Fleet Street. Some of the other streets, as St. James's Street, King eet, the Common Hard, &c., are tolerably broad and bullt; but except these, none of the others approach n to mediocrity. The houses in Portsea are rarely et ann two stories in height, and their fronts are but tom stuccoed. It has but one handsome open space. George's Square), and few public buildings; and, ind, till within the last few years, it had scarcely and ideserving the name. Both towns are well paved, I supplied with water, and well lighted with gas, but ir police is said to be very defective.

The suburbs beyond the walls comprise at least half parl, bor., their more densely peopled portion excling over a pace fully as large, if not larger, than that upied by the two towns. Of these suburbs, Southsea he has any pretensions to beauty. It consists of a cession of well built terraces facing the sea, and the ramparts of Portsmouth, being inhabited principally naval, military, and government civil officers, and ters resorting thicker during the summer season, and these terraces are a number of tolerable streets, is offered and little further eastward, in a series of else.

some new squares, &c. Im Grove and Somerstown are sections of this suburb; ilm Grove and Somerstown are sections of this sucuru; former, a little further eastward, is a series of eleit detached villas, surrounded by fine plantations and
dens, commanding prospects of Spithead, the Isle of
ght, &c., and inhabited by opulent individuals. Landit, Flathouse, &c., immediately to the E. and N. of
rtsea, have nothing, in point of appearance, to recomnd them; their inhabs, are, in a great measure, retail
deamen and workmen employed by government. Newnd them; their inhabs, are, in a great measure, retail desmen and workmen employed by government. New-rn (Mile End), Kingston, Buckland, &c., E. of the egoing, are cheerful and agreeable suburbs, principally ending along the London Road, and inhabited by ich the same classes as those residing in Southsea. immediately without the walls of Portsmouth, stretch-

ich the same classes as those residing in Southsea. Immediately without the walls of Portsmouth, stretch-along the shore, is Southsea Common, a fine large new space, used for reviews and military inspections, is favourite place of public recreation.

The importance of Portsmouth, like that of Plymouth, ends wholly on the excellence of her harbour, and on a convenient situation as a place for the outilt and renvous of the ficets in the channel, or of those cruising the coasts of France and Spain. It is this that has de her be selected as the principal station of the navy, thas consequently advanced her to the highest destition as a naval dépot.

The harbour, which is unequalled in Great Britain, d surpassed but by few in the world, has a narrow trance, not exceeding 220 yards in width, between remouth and Gosport; but within its width increases, it expands into a noble basin capable of containing a greater part of the navy of Great Britain. There is are outside the entrance to the harbour; but as it has out 13 feet water over it, even at the lowest spring bs, it can hardly be said to be any obstruction to the Magation; and within the harbour there is water suffi-

bs, it can hardly be said to be any obstruction to the vigation; and within the harbour there is water sufficient to float the largest men-of-war at any time of the le. The anchoring ground is excellent; and, being se from sunken rocks, or other obstructions, ships lie securely in it as if they were in dock.

The dock-yard, which comprises about 120 acres, lies mg the E. side of the harbour. It comprises all the tablishments necessary for the construction and realized the construction and realized the construction and realized the content of the content of the construction and realized the content of the content o spatch, including numerous building and graving cks, partly opening into the harbour, and partly into a rge basin, which communicates with the latter. Along c quay, fronting the harbour, extends a noble line of archouses, having in its centre a handsome octagonal servatory, on the top of which is a telegraph connected, a line of signal stations, with the Admiralty in ondon. In the rope-house, nearly 1,200 feet in length, bles are twisted that are sometimes 30 inches in cirmera re twisted that are sometimes 30 inches in cirimference; and the anchor-forge produces anchors of
e largest size. The iron and copper mills, the copper
unity, where the copper is rolled into sheets for
eathing by steam-power, the rigging and mast-houses,
mber bertin, saw-pits, seasoning sheds, mast-ponds, &c.
re all on the most extensive scale. Probably, however,
ie most interesting machinery is that invented, or, at

all events, vastly improved by Sir Isambert Brunel, for cutting blocks. It is exceedingly ingenious, and has been productive of a vast saving of labour. During the late war upwards of 4,000 working men were employed in Fortsmouth dock-yard, of whom 1,500 were shipwrights and caulkers; but in time of peace the numbers are greatly reduced.

In the Dock Yard are the Navy Pay-office, the residences of the port-admiral, the admiral-superintendent, and the heads of the principal departments of the estab. The port-admiral's residence, formerly that of the commissioner (whose duties are now performed by the superintendent), is an elegant edifice of white brick, surrounded by gardens. Near it is the Boyal Naval College, a spacious dark brick edifice, errected in 1729, its centre surmounted by a cupola and observatory well furnished with instruments. Here youths intended for the navy were formerly instructed in navigation, &c.; but, in 1839, the college was remodelled, and is now appropriated to the instruction of junior naval and marine officers in the higher branches of science connected with their profession, and especially the principles and practice of naval gunnery. The officers belonging to this establishment are boarded and lodged in the college, but are borne on the books as part of the complement of a sho of the line in the harbour. Immediately facine the

their profession, and especially the principles and practice of naval gunnery. The officers belonging to this sestablishment are boarded and lodged in the college, but are borne on the books as part of the complement of a ship of the line in the harbour. Immediately facing the residence of the port-admiral, is a handsome white brick building, intended or ginally for a school or college of naval architecture, for the education of a "superior class of shipwrights;" a plan which, though on no very satisfactory grounds, has since been abandoned. On the green, in front of the last mentioned building, is a brouzed leaden statue of William III. Adjacent to the college is a nest chapel-of-case for persons attached to the dock-yard. The laster was, during last century, the scene of several conflagrations. One of these, in 1776, was clearly the work of an incendiary, who was convicted and executed for the offence. The dock-yard is, however, daily open to the inspection of visiters who apply for admission at the gate.

To the S. of the dock-yard, and nearer the mouth of the harbour, is the "Guwharf," or arsenal for ord-ance stores. This is an extensive and very complete establishment. As a depot for cannon, it is inferior to the arsenal at Woolwich, but, in most other respects, it is very superior to the laster. It comprises many extensive and handsome storehouses, filled with all kinds of ammunition; a neat armoury roofed with copper, and containing small arms for 20,000 men; a laboratory, and various other offices, spactous quays along the harbour, and a terrace of excellent residences for its officers, fronted by a finely planted inclosure. This establishment is separated into the two divisions of the old and new Gun-wharf by the Mill-pond; a dammed up creek between Portamouth and Portsea, which supplies the mosts of both, and also turns a considerable flour mill formerly strached to the victualling office, but now in private hands. The Victualling department, which formerly been purchased by merchants of the town, and

port admiral.

Portamouth appears to have been originally fortified by Edward IV. Its works were greatly augmented and improved during the reigns immediately succeeding, and to those of Elizabeth, Charles II., and James II. Under William III. they were completed, nearly as at present, the town being almost wholly enclosed within a bastioned execisete, the ramparts faced with masonry, and encircled with broad mosts, with a glacis beyond. But, owing to the rise of Portsea, the N. side of these works soon became useless; and, in 1770, the government began also to aurround Portsea with works on a still more extensive scale. At present a continuous line of ramparts attround rorsea with works on a still more exten-sive scale. At present a continuous line of ramparts extends round both towns, and the belt of fortification is to completed by the works surrounding Gosport, on the opposite of the harbour. The ramparts, being planted with elms and poplars, form the favourite promenades of the inhabs.; and facing the sea is the Platform, of the inhabs.; and facing the sea is the Platform, a fine stone battery, mounting 25 pieces of cannon, and commanding an extensive and beautiful view. Portsmouth is entered by four, and Portsea by two carriage gateways, some having considerable architectural beauty. Besides the town batteries, Spithead, and the approaches to the harbour, are defended by Southsea Castle, and Forts Cumberland, Blockhouse, and Monkton. Southsea Castle, founded by Henry VIII, about 1 m. S.E. Portsmouth, is built almost wholly of stone; as are Forts Monkton and Blockhouse on the main land. Fort Cumberland, on the E. extremity of Portsea Island,

a structure of the last century, covers a very large space, and has earthen ramparts faced with brick, and barrack-room for 3,000 men. The town, its suburbs, and auxiliary fortresses are garrisoned by the Portsmouth divisions of royal marines, and marine artillery, and a certain number of infantry of the line. Within the town are several capacious and excellent barracks; and there are others in the gun-wharf, at Tipner, Hilsea, &c. Portsmouth has a military hospital, and a Marine Infirmary situated between the custom-house and the gun-wharf. But Haslar hospital for the reception of sick and wounded seamen, the principal establishment of its kind in the kingdom, is on the opposite side of the harbour at Gosport (which see). The chief engineering department for the S. and W. of England, and the residences of the commandants of the marines and engineers, are among the other principal government buildings.

The par. church of Portsmouth, founded about 1220, but principally rebuilt in 1693, is a spacious stone edifice with a square tower, 120 ft. in height, surmounted by a cupola and vane, which forms an important landmark. Among other monuments, it has one to Villiers, duke of Buckingham, assassinated here in 1628. The vicarage, value 5564 a year, is in the patronage of Winchester College. Adjoining the grand parade is the garrison chapel and burying-ground. In Portsea are two chapels of ease, St. John's and St. George's. St. Paul's, Southsea, and All Saints', Newtown, are elegant Gothic edifices of similar architecture, the former built, in 1823, at an expense of 16,2224, and the latter, in 1827, at a cost of 12,4642. Two new churches are in progress of erection, one at Landport, and the other in the town of Portsea. Portsea par. church is an antiquated edifice at Kingston, about 1½ m. from the town, and surrounded by a very extensive cemetery. The living is a vicarage, in the patronage of St. Mary's College, Winchester, value 6967, a year. There are numerous places of worship for Independents, Baptists, Weelsynas

with an elegant entrance, a chapel, officiating minister, &c.

In addition to its other conveniences, Portsmouth harbour enjoys the important advantage of opening into the celebrated road of Spithead, between the Hampshire coast and the lale of Wight. It derives its name from a sand-bank called the Spit, extending about 3m. in a S. E. direction, from the narrow neck or tongue of land on which Gosport is built. A ship of war was formerly kept moored, as a guard or receiving ship, at the head of this bank; but since the peace this practice has been discontinued, and the readstead is merely marked by buoys placed at regular intervals. It is here that ships fitted out in the docks and harbour rendexyous before going to sea; and it is also a secure and convenient asylum for the channel fleet and other vessels, during the occurrence of storms. From its asfety and capaciousness this roadstead is called by sailers, "the king's bed-chamber." "Thus," to use the words of Dr. Campbell, "it appears that Portsmouth derives from nature all the prerogatives the most fertile wits and most intelligent judges could devise or desire; and that these have been well seconded by art, without consideration of expense, which, in national improvements, is little to be regarded. Add to all these the striking excellence of its situation, which is such as if Providence had expressly determined it for that use to which we see it applied, the peculiar residence of Neptune." (Survey of Great Britism, 1370.)

Inasmuch as Portsmouth depends, fix in my so speak, the peculiar regate naval port and arsenal, its prosperity is ne-

tain, 1. 370.)
Inasmuch as Portsmouth depends for support on its being a great naval port and arsenal, its prosperity is necessarily greatest during war. At present, however, if we compare it with previous periods of peace, it may be said to be fourishing. It necessarily has a considerable trade in the importation of the various articles required in its numerous establishments, and for the supply of

the inhabs., and the victualling of the Sect. In Jan. 1850 there belonged to the port 34d vessels, of the aggregate burden of 14,87d tons, ex. 4 steamers. Gross customs' duty in 1849, 47.68d. Excepting some extensive breweries, no manufacture, unless it be that of ships of war, is carried on within the town. About 3 m. N.E. were some extensive salt-works, so very ancient as to be referred to in Doomsday-book; but they have been abandoned within these few vears.

referred to in Doomsday-book; but they have been abandoned within these few years. Portsmouth is connected with Arundel and London by a navigable canal, and communicates with Gosport by a foating bridge for passengers, carriages, &c., the property of a company incorporated in 1838. Its, also, directly connected by a branch line with the S.W. Railway, which brings it within about 2 hours' travelling of the metropolis; and it is, also, connected by railway with Chichester, Brighton, &c. Steam-packets ply during the year to Ryde, Cowes, Lymington, Havre, Plymouth, Dublin, London, New York, &c. A branch of the Bank of England, and 5 private banks, are established here; and it has a weekly newspaper.

Fortsmouth received its first charter from Richard I., which was confirmed by various subsequent monarchs.

Portsmouth received its first charter from Richard I., which was confirmed by various subsequent monarchs. Under the Municipal Reform Act it is divided into 7 wards; its municipal effects being a mayor, 13 aldermen, and 42 counciliors. Corporation revenue in 1848-49, 8,522. It has a commission of the peace under a recorder; and the boundaries of the numicipal and paribor, are co-extensive. Petty sessions are held 3 times a week, and a county court is established here, before which 2,181 plaints were entered in 1848. Portsmouth has sent 2 mems to the H. of C. since the 23d Edw. I.; the right of election down to the Reform Act, being vested in the mayor and corporation, the number of which seldom exceeded 60. The electoral limits were which seldom exceeded 60. The electoral limits were enlarged by the Boundary Act, so as to include at the parish of Portaes with the old borough; and, in 1849-50, there were 2,260 registered electors. Portsmouth is one of the polling places at elections for the S. division of Hampshire. Barkets on Tuesdays. Thursdays, and Saturdays. The charter of Richard I, established a fair in the town, called the "Free Mart;" which lasts for 16 days from July 10, and is succeeded by a 3 days fair on Portsdown Hill, attended by a great concourse of people.

people.

The earliest mention of Portsmouth occurs in th

on Fortadown filli, attended by a great concourse of peopla.

The earliest mention of Portamouth occurs in the Saxon chronicle, which states that it existed in 501. It probably owes its origin to the sea having retired from Porchester, probably the anc. Portus Adusrul at the upper end of the harbour; on which account the finabae. removed thither, and built a town at the mouth of the Port. It was taken and burnt by the French, in 1377, but was soon recovered; and in the reign of Henry VIII. had become the principal naval arsenal of Rogland. (Boundary, Mussicipal, &c. Reports; Charpentier's New Portsmouth Guide; Private Information.)

PORTENOUTH, a town and port of entry in the U. States, being the largest town, though not the cap, of New Hampshire, on a peninsula in the Piscatequa, 3 m. from the Atlantic, 40 m. E.S. E. Concord, and 30 m. N.N.E. Boston; lat. 430 *4 30", long. 700 *45" W. Pop., in 1840, 7,834, being one of the few towns in the U. States the pop. of which has decreased (196 individuals) since 1830. It is well built; and having suffered severely at different times from fre, is now mostly constructed of brick. It has many handsome houses, and there are several good public buildings, including a fise episcopal church, various other churches, a court-house, gaol, almshouse, academy, athenseum, &c. Its harbour is one of the best in America; it is completely landlocked, and is accessible to vessels of the largest sile, having 40 ft. water in the channel at low tide. It is defended by several forts; and on Great Island at the Wentrance is a light-house, with a fixed light 90 ft. above the sea. Two wooden bridges cross the Piscataqua at Portsmouth, one of which is one-third of a having ships of war. Portsmouth has a considerable but not an increasing trade, it being the only sea-port of New Hampshire. In 1849, the aggregate burden of vessels owned in the port and district amounted to \$8,570 tons. (U. States Trade Report; Encycl. Americans, the most W. state of Europe.

PORTUGAL (KINGDOM OF), ane. Lustianis, the most W. state of Europe, occupying the greater part of the W. portion of the Spanish peninsula, between the 37th and 43d degs. N. lat., and the 6th and 10th W. long., having E. and N. Spain, and S. and W. the Atlantic. Length, N. to S., about 350 m.; average breadth, rather more than 100 m. Area, pop., subdivisions, &c. as follow: — [See top of next column.]

Geographically considered, Portugal can be regarded in no other light than as a dependency on, or portion of Spain; and, in fact, all the mountain chains and great rivers by which she is traversed originate in the eastern

Previnces.	Area in	Pop. 1841.	Pop. to sq. m.	Chief Cities
Minho Doure Tras-os-Montes Beiro, Upper Lewer Estremadura Alemteje Algarve	2,044 5,872 4,028 5,893 7,255 10,017 2,151	466,720 839,908 300,840 (259,038 (326,200 782,875 276,590 130,329	228-3 217- 74-6 104-4 108- 27-6 60-5	Braga. Oporto, Villa Real. Vines. Colmbra. Lisbon. Evora. Faro.
Total -	35,960	3,412,500	96-7	

Total - | 35,260 | 3,412,500 | 96-7 |
and more extensive portion of the peninaula. The principal mountain chain, the Sierra de Estrella, runs S.W.
and N.E. from the Spanish frontier, near Almaida, to
Cape Roca, near Lisbon, the most westerly land in Europe, lat. 38° 46° 30" N., long. 9° 30' 24" W. The culminating point of this chain, near Covilha, is
rjosif etc
above the sea. Another chain, the Sierra Monchique,
runs across the prov. of Algarve, the most southerly in
the kingdom, terminating in Cape St. Vincent. There
are a great number of inferior chains, and the provinces
to the N. of the Douro are especially encumbered with
mountains. mountains.

mountains.

The great rivers, the Tagus, Douro, Minho, and Gaudiana, have their sources in Spain, though they are joined by some considerable affluents in their passage through Portugal. (See the names.) There are but few lakes, and those of no importance; but mineral and hot springs are not uncommon. Water, in many districts, particularly in the S., is both scarce and bad; and, in consequence, extensive tracts in the great plan of Alematojo and other provinces are nearly unishabitable. The climate is, in general, milder and more agreeable than in Spain, owing to the height of the mountains, and the great extent of coast. In the rugged tracts of the N.E. (Trac so Spain, owing to the height of the modulans, and the great extent of coast. In the rugged tracts of the N.E. (Tras os Montes) the air is in many parts keen. In the valleys, and in the S. part of the kingd., the case is generally very dif-ferent; but all along the coast, the heat is tempered by the ierent; but all along the coast, the heat is tempered by the sea broeses. Snow seldom lies on the low ground; but the rains of winter are often heavy and long continued; and at this season the vicinity of Lisbon and other parts of the country are very subject to earthquakes. Violent hurricanes are also of frequent occurrence. The general aspect of Portugal is similar to that of Spain, and even more luxuriant.

It is a goodly sight to see
What heaven hath done for this delicious land I
What fruits of fragrance blush on every tree!
What goodly prospects o'er the bills expand!
What goodly prospects o'er the bills expand!

What fauto of fagrance binsh on every tree!

What goodly prospects of fagrance binsh on every tree!

What goodly prospects of childs Harold, canto i. st. xv.

Childs Harold, canto i. st. xv.

Childs Harold, canto i. st. xv.

Childs Harold, canto i. st. xv.

Childs Harold, canto i. st. xv.

The Vegetable Products are very various, as well from difference of latitude, as from the great variety of elevation. Wheat, barley, oats, flax, hemp, and other products of a northern latitude, are raised in the high grounds; vines and maize in those of warmer temperature; and rice in the low grounds. The chief fruits are olives, oranges, and lemons; but the last two grow only in the warm and sheltered valleys of the S. and central parts of the kingdom. The woods are extensive: in the N. they consist principally of oak; in the central provinces of chesnut, and in the S. of sea pine, kermes, and cork trees. A learve produces the American aloe, date, and other intertropical products; and Portugal is supposed to have a greater number of indigenous plants than any other part of Europe. (Balbi, Essai Statistique, i. 145.)

Silk is produced of very good quality; and, in general, any deficiency, whether in vegetable or animal products, is to be imputed not to the soil or climate, but to the indeficiency, whether in vegetable or animal products, is to be imputed not to the soil or climate, but to the indeficiency, whether in vegetable or animal products, is to be imputed not to the soil or climate, but to the indeficiency whether in vegetable or animal products, is to be imputed to time products, is to be imputed to the people.

The Agriculture of Portugal, though recently it has begun to improve, is still, speaking generally, in the most backward and degraded state imaginable. A variety of circumstances have conspired to bring about this result; among which, the heat of the climate and the want of water, especially in the southern provinces, have, no doubt, a very considerable influence. Probably, however, the mildness of the climat

of the country.

In the greater portion of the kingdom the farmers are quite unacquainted with the rotation of crops, and, one

would be almost disposed to conclude, of the differences of soil, inasmuch as they continue to raise the same crops indiscriminately from all sorts of land. Their implements are of the clumaiest and rudest description; the harrow and the hoe were, till lately, nearly unknown, and thrashing was usually performed by trampling the grain under the feet of horses and cattle. Though, in so dry a country, the command of water and the irrigation of the lands be indispensable, this, in many extensive districts, is quite neglected. In consequence, the country is in parts but little occupied, and the traveller sometimes proceeds a distance of 15 or 20 m., without discovering as many houses. To show the deficiency of the means of communication, it may be sufficient to state, that on travelling from Abrantes to the Spanish frontier, along the N. side of the Tagus, a distance of about 100 m., there are six rivers to cross without a single bridge, though they are fordable only in dry weather.

It must not, however, be supposed that these statements apply equally to the whole country. The inhabs, of the greater part of the provs. of Entre-Douroe-shinho and Tras-on-Montes, to the N. of the Douro, and of the adjoining portions of Beira, participate, to a considerable extent, in the industrious qualities of their neighbours the Galicians. (See Galicia). An abundant streams, but principally from wells dug in the sides of the mountains; and, in consequence, good corn crops are raised in the lower grounds, while the hills are covered with viveyards, and olives and other fruits are also extensively raises. of soil, inasmuch as they continue to raise the same crops indiscriminately from all sorts of land. Their in-

aso extensively rused.
But, with these exceptions, agriculture in Portugal is, at this moment, probably in a more backward state even than in Spain or any other European country. We incline, however, to think that this will not long be the cline, however, to think that this will not long be the case. The more intelligent classes have at length become aware of the vicious nature of the institutions which have so long prevented the development of industry; and, of late years, most important changes have been effected in the tenures under which landed property is held, and in its distribution. The feudal rights of the nobility and other landed proprietors have been suppressed; an equal system of direct taxation has been introduced; and a large extent of crown property and of states belonging to monasteries, sold at low prices, has mostly found its way into the hands of industrious proprietors. Hence, though the want of capital, the ignorance and indolence of the peasantry, be most formidable obstacles to the rapid spread of improvement, it has notwithstanding already made a considerable progress. In proof of this we may mention that, despite the facilities afforded for the importation of corn and other bulky products from the interior into Lisbon, by means of the Tagus, which runs through the centre of the kingdom, that city was long indebted to foreign countries for a considerable portion of her supplies of corn; but this, we are glad to say, is no longer the case; and, in 1839, for the first time for centuries, considerable quantities of Portugues corn were shipped from the Tagus! Flax, hemp, and potatoes are grown only to a small extent; and, owing to the want of due care and attention, the olive oil is of an inferior quality. The more intelligent classes have at length beolive oil is of an inferior quality.

olive oil is of an inferior quality.

Wine, however, is the staple produce of Portugal, and that by which she is best known in this country. The red wine, called port, from its being all shipped from Oporto, is produced in the Upper Douro, about 50 m. above Oporto, on a succession of low hills on both sides the contraction of the produced of the contraction of the contrac above Oporto, on a succession of low hills on both sides the river, having the finest soil and exposure. The pro-duce of this district is generally divided into two sorts of wine, the winho do Fetioria, or Factory-wine, for ex-portation; and the winho-do ramo, an inferior wine for home-consumption and distillation. Great complaints having been made, about the middle of last century, by the merchants in England and their agents in Oporto, of the bad quality and adulteration of the wine, the matter came lower the ratios of the Dectagues a construction. bad quality and adulteration of the wine, the matter came under the notice of the Portuguese government; and the method which it took to redress the evil is singularly illustrative of its sagacity and principles of action. Instead of leaving the matter to be adjusted between the growers of the wine and the merchants, or, at farthest, contenting itself with confiscating such wines as were found to be adulterated, it made over the whole district to a joint stock company, and invested them with almost despotic privileges! Thus, the agents of the company were authorised to class the wines belonging to individuals, and to fix their maximum price; so that the company became, in fact, the sole buyer, at its own price, of the wines produced within the limits of its charter.

But for the rooted taste for the wines of the Upper Douro established in this country through the influence of the long-continued high discriminating duty on French wines, it is probable that the institution of the company would have destroyed the Portuguese wine trade. It has, however, owing to the continued demand for the British markets, continued to keep its ground, or rather to increase though not nearly to the section that rather to increase, though not nearly to the extent that,

under other circumstances, might have been anticipated. We have elsewhere seen (art. Oroaro) that, at an average of the three years ending with 1840, the shipments of port wine from Portugal amounted to 34,790 pipes a year. It is a curious fact, that the Oporto wine company, after being suppressed by Don Pedro, as a nuisance, has been re-established, though with less oppressive privileges. (Henderson on Winze, 198—214.) In addition to port, conalderable quantities of Lisbon, Calcavella, and other white wines, are exported. Some red wine is also exported from Figueiras.

The pastures in Minho, and in the Sierra Estrella and some other parts, are experted from Figueiras. of the kingdom they are very much neglected. In consequence of the great number of fast days enjoined by the church, few cattle were reared; and a large proportion of those required for the consumption of the principal woms were imported from Galicia and other adjacent Spanish provs. Horses are scarce; oxen being commonly used for draught, except in towns. Mules, however, are numerous, and of an excellent breed; and, with asses, are generally preferred, on account of the rugged nature of the country, to horses for travelling. Sheep breeding is principally conducted in Beira, whence large focks are sent to winter in Alemtejo. The wool of the Portuguese sheep might, no doubt, with a little attention, be reudered equal to that of the Spanish sheep; but no pains have been taken to improve its quality. Goats and hogs are numerous; and the latter are of a superior kind, and yield excellent hams. The fisheries, which were formerly important, are now insignificant: except in Algarve, where tunny, pilchards, &c., are taken, Garliat and Ragland supply the greater part of the fish made use of.

The mineral products are considerable, though few

made use of. The mineral products are considerable, though few

The mineral products are considerable, though few mines except those of iron have been wrought, in consequence partly of the scarcity of fuel, and partly of the supply of minerals (chiefly copper and lead) from Brazil. The mountains abound in time marble, and contain traces of gold and silver. Large quantities of salt of a very superior quality are produced in bays along the coast by natural evaporation, especially at Setubal or St. Ubes, whence it is largely exported.

Gold dust is obtained by washings; and in antiquity the Tagus was famous for its golden sands: Tagus carriers are in scelebrature. (Pits. Hist. Nat., lib. tv. cap. 22.) Coal is found near Oporto and elsewhere; and lead, antimony, &c., are raised, but not to any considerable amount.

Massifactures and Trades.—An Rnelishman can with

Coal is found near Oporto and elsewhere; and lead, antimony, &c., are raised, but not to any considerable amount.

Massifactures and Tradea.—An Englishman can with difficulty form an idea of the backward state of manufactures in Portugal: they are in general carried on in separate cottages, like the coarse woollens of North Wales, or the linen of Normandy, and are founded on the primitive plan of every family manufacturing for its own consumption. Manufacturing establishments are but few in number, and are principally for the production of woollens, silk, and earthenware. Cotton has, also, been attempted of late years; and paper, glass, and guupowder are made in a few places.

One might be disposed to think from the pompous enumeration of factories made by Balbi, and his vindication of the Portuguese from what he is pleased to call the reproche basel of their being without manufactures, that, on the contrary, manufacturing industry was in a very flourishing state amongst them. He even goes so far as to say that the cotton yarn produced at Thomar is at least equal to that of England it was hardly necessary, perhaps, to notice such ridiculous statements. The cottons, woollens, limens, hardware, and earthenware of England, are all largely imported into Portugal, and are used by all but the very lowest classes. To suppose, indeed, that there should be any thing like really successful manufacturing establishments in a country like Portugal, is to suppose what is all but contradictory and absurd.

"A very superficial knowledge even of some of the commonest arts exists. A carpenter is here the most awkward and clumsy artisan; and the way in which the doors and wood-work belonging to the good houses are finished would have suited the rudeet ages. Their carriages of all kinds, more particularly their waggons and carts, their agricultural implements and management, their cuttery, locks, and keyg are ludicrously bad. The chief forte of the Portuguese appears to lie in shipuliding and stone-masonry; they also excel in embr

The navigation and commercial intercourse of Portugal are of more importance; and though even in the times of Emanuel and Albuquerque, they were by no means so extensive as is generally supposed, they were notwithstanding, very considerable, and appeared immense from the small amount of the shipping and trade of other nations. For a long time past, the import and export trade of the country has been conducted chiefly by foreign merchants, particularly British, settled in Lisbon and Oporto. The exports consist almost en-

tirely of raw produce, or of wine, oil, salt, wool, fruits, cork, &c. The imports have hitherto included corn and flour, but, as already seen, those will now probably be dispensed with; the other article), hardware, woollens, fish, linens, earthenware, drugs, tea, coal, &c.

Nearly all the foreign trade centres in Lisbon and Oporto, which see. It is principally carried on with England and Brasil. At an average of the six years, ending with 1838, the real value of the British produce and manufactures exported to Portugal amounted to 1,342,1144, a year: but of this a considerable portion we and manufactures exported to Fortugal amounted to 1,942,114. a year; but of this a considerable portion was subsequently re-exported for, or rather smuggled into Spain. Perhaps, at an average, the value of the imports and exports of Portugal may each amount to about 2 millions a year. Formerly, Lisbon had about 400 large ships employed in the trade with S. America, but now she has not more than 50 or 60 ships in all departments of her foreign trade, and those, too, of comparatively small burden. We subjoin an

Account of the Quantities of the Principal Articles of Foreign and Colonial Merchandise imported into the United Kingdom from Portugal in 1848.

Articles.	Quantities.	Articles.	Quantities.
Figs - cwts. Lemons and or- angus packages Olive oil - tuns Shumac - tons Lamb skins (un- dressed) No-	115,975 806 21	Brandy - galis- Sheep's wool - liss. Wine (Portuguese) galis. Cork (unmanufactured) cwts-	781,689 2,839,992

The internal traffic of such a country is, as may be supposed, inconsiderable. There is no navigable canal; and till of late years, not a single road in Portugal was practicable for carriages for more than 30 or 30 m. from Lisbon. In fact, the only mode of travelling by land from Lisbon to Oporto is in a litter, or on the back of a mule or horse; and in the wine country of the Douro, or in the province of Minho, two oxen sometimes take a whole day to convey a pipe of wine 5 or 6 m.; and to prevent the cart from being overturned, it is attended by 2 men. the cart from being overturned, it is attended by 2 men. Accounts are kept in reis and milreis; the milrea contains 1,000 reis, and in worth about 4s. 6d. The dobrao, or doubloon, = 3d. 6s. 6d.; the crusado = about 2s. 6d. The lb. is 4,589 kilogr., or rather more than the lb. avoird; the arroba = 32 lbs.; the quintal = 4 arroba. The mayo for grain, &c., = 4b bushels; the almudo = 4g gallons. The Portuguese foot is a little longer than \$45 Spollish. 44 gallons. the English.

registrons. In a Fortuguese 100: Is a little longer than the English.

Constitution.— Like the peninsular kingdoms of Castile and Arragon, Portugal had anciently her Cortes or assemblies of the states. One of these assemblies, held at Lamego in 114, conferred the title of king on Alfonso Henriques, who had two years previously defeated the Moors in the great battle of Ourique. The Cortes at the same time enacted a law for regulating the succession to the throne; in which, among other things, it is laid down that females shall not be eligible to the crown, though in the direct order of succession, if they have married a foreigner, and that their marrying a foreigner when on the throne shall be considered equivalent to an act of abdication. The powers of the Cortes corresponded, in other respects, with those of similar assemblies in other countries; but their privileges and those of the sovereign were very ill defined; and the latter contrived, in the course of time, to engross all the powers of the state; the government of Portugal became, in all respects, as despotical as that of Spain; and the last convocation of the Cortes took place in 1697. (See L'Art de verifier les Dates, part II. tom. vii. 1—40., 8vo. ed.)

in 1697. (See L'Art de verifier les Dates, part 11. tom. vii. 1.—40., 8vo. ed.)

From this period down to the administration of the Marquis de Pombal (1750-1776), every abuse continued to multiply, and Portugal was distinguished only by the imbecility of her government, the power and profligscy of the nobility and clergy, and the poverty and indolence of her people. The Marquis de Pombal suppressed the order of the Jesuits and confiscated their estates; he also suppressed some of the more oppressive privileges of the nobility and clergy; and effected various important reforms in several departments of the administration. In other respects, however, his policy eviaced the narrowest forms in several departments of the saministration. In other respects, however, his policy evinced the narrowest and most liliberal views; and on his dismissal from power, most part of the old abuses in the government revived, and the country continued in its former state of

apathy and abasement.

The events connected with the late war in the penin-The events connected with the late war in the peniusula, the emigration of the court to Braxil, the long continuance of the English armies in the country, the organization of the Portuguese army on an improved footing, and the influence of the changes in Spain, laid the foundations of a new order of things. The nation was disastisfied with the continued residence of the court in Braxil, which, in fact, made Portugal a dependency of the latter, and the wish for some fundamental changes in the frame of the government became general At length, in August, 1820, a revolution broke out, and a free constitution was soon after established, having for its basis the abolition of privileges, the legal equality of ill classes, the freedom of the press, and the formation of a representative body in one chamber. Our limits preclude our attempting to trace the obscure history of the Portuguese government from this period. Suffice it osay, that the constitution of 1820, which was violently apposed by the clergy and privileged classes, having seen suppressed, in 1823, was replaced, in 1826, by a contitutional charter, granted by Dom Pedro; and that, in 836, the latter was suppressed, and the existing consti-

nitutional charter, granted by Dom Pedro; and that, in 836, the latter was suppressed, and the existing constitution established in its stead.

Under this constitution, the government is an herelitary monarchy, with an upper and a lower representative chamber, both of which are elective, the franchise being vested in the holders of a certain small amount of lxed property. The Cortes meet and dissolve at specified periods, without the intervention of the sovereign, and the latter has no veto on a law passed twice by both houses. A tresent, therefore, the constitution of Porogal is decidedly liberal, probably too much so for a country in its peculiar situation. Each province has a roverzor, to whom the details of its government are intrusted. Justice is administered in the first instance by the Juizes de Fora; and appeals are made to the corby the Juizes de Fora; and appeals are made to the cor-egidors of the provs., and from these to the Casa de supslicação at Lisbon, and the Relação do porto at Oporto.
All these tribunals are, however, subordinate to the
oyal court in Lisbon. Great abuses are said to exist in oyal court in Lisbon. Great abuses are said to exist in imost every department, both in the judicial and adninistrative branches, the inadequacy of the salaries eading to the acceptance of bribes. Assassination is nore frequent here than it has ever been in Italy; the aw and the police being impotent alike either to secure roperty or life. It is stated in an official return published by the Cortes, that in 1837 there were no fewer than 176 issassinations, and 236 robberles in the district of Oporto; and 186 assassinations, and 234 robberles in the of Core.

sassimations, and 226 robberies in the district of Oporto; and 166 assassimations, and 236 robberies in the district of Oporto; and 166 assassimations, and 234 robberies, in that of Guarla! The country, in fact, teems with ruffians and crine. The religion of Portugal is the Rom. Cath., unalloyed with any taint of Protestantism, and contributing but ittle, if anything, to the morality of the people. The injustion on longer interferes with freedom of conscience, aving been abolished in 1821. The Portuguese church is under the jurisdiction of a patriarch, with extensive owers; 3 archbishops, and 14 bishops.

Notwithstanding the hostility of the Marquis de Pomal to the monks, who used to say of them that they were a vermine ta plus dangercuse qui puisse vonger un état, heir numbers previously to the late revolutions were stimated at about \$,000, and the revenue of the conentual establishments was supposed to exceed 1,200,000. year! Luckily, however, an end has been put to this reposterous state of things: the monks have been turned

encual estanisments was supposed to extend a secondary year! Luckily, however, an end has been put to this reposterous state of things; the monks have been turned ut of their establishments, to support themselves as they est may, on a small stipend that has been allowed them, o that the public wealth is no longer wasted in maining hordes of idle, profligate drones. The numeries ill, it is most probable, share the same fate.

It is said that inidelity is now very prevalent among he more intelligent classes in Portugal; and it is natral that such should be the case. They have never sen religion except in association with all that was nost revolting. In Portugal its ministrations have consted only in idle and unmeaning ceremonies; and its riests have uniformly been the enemies of every thing ke popular rights, and the supporters of the most operative and offensive privileges. But now that they are aduced to their proper sphere, and are no longer used as

ke popular rights, and the supporters of the most opressive and offensive privileges. But now that they are
siduced to their proper sphere, and are no longer used as
astruments for the debasement of the people, it is pronible that juster religious views will begin to be enternible that juster religious views will begin to be enterlined; and that the profligacy and corruption of the
lergy will cease to react upon religion itself.

The language of Portugal is merely a dialect of the
panish, differing but little more from the latter than
cotch from English. Education is, at once, little
iffused and of bad quality. There is a university at
combra; besides which, 17 bigh seminaries, and nuterous schools exist, affording instruction to about
1,000 pupils. With the exception of Camoens, few
ortuguese authors are known beyond the limits of
eir country. The army consists of about 28,000
en; 21,500 infantry, 3,700 cavalry, and 2,400 artilrymen. The forces of Portuguese troops, recruited by
ritial stimulus was given, in 1700, to the Portuguese
my, by a Gertnan commander, the Count de la Lippe;
at after his death his plans were not followed up; and
was not till 1809, that Portuguese troops, recruited by
ritish funds, and disciplined by British officers, became
orthy the ancient renown of their country. It remains,
ovever, to be seen whether if left to their own resurces, and without the example and assistance of fosurgers, they would preserve the laureles they gained
aring the late war. The navy comprises only 2 ships
the line, 4 frigates, 6 brigs, and some smaller vessels.

Vol. 11.

The public revenues and expenditure for the year ending with June, 1837, were as follow: -

Revenues.	Expenditure.
### Milros. Rect of gov. property	Royal family, Civil list, &c. 4,766,72; Ministry of interior 1,093,72; Ministry of interior 2,978,36; finance 663,98; war 51,973,73 marine 1,065,465 foreign affairs 245,494 Insular &c. expend 1,075,253
Totals 9,491,566	15,077,658
Deficit	5,585,798

The public debt, in 1834, amounted to 5,689,229 milreris.

The Portuguese are but little indebted to the accounts given of them by travellers. But their character, as drawn by Du Chatelet, though not very flattering, is, we believe, nearly correct. "Il est, je pense, peu de peuple plus laid que celui de Portugal. Il est petit, basané, mal conformé. L'intérieur répond, en genéral, assez à cette hommes paroissent reunir tous les vices de l'âme et du corps. Il y a, nu reste, entre la capitale et le nord de coryaume, une différence marquée sous ces deux rapports. Dans les provinces septentrionales, les hommes sont moins noirs et moins laids, plus francs, plus llans dans la société, bien plus braves, et plus laborieux; mais encore plus asservis, s'il est possible, aux préjugés. Cette différence existe également pour les femmes ; elles sont beaucoup plus blanches que celles du sud.

"Les Fortugais, considérés en général, sont vindicatifs, bas, vain, railleurs, presomptueux à l'excès, jaloux, et ignorans. Après avoir retracé les défauts que j'ai eru appercevoir en eux, je serois injuste si je me taisois sur leurs bonnes qualités. Ils sont attachés a leur patrie, amis genereux, fideles, sobres, charitables. Ils seroitent hons chrétiens, si le fanatisme ne les aveugloit pas. Ils sont si accoutumés aux pratiques de la religion, qu'ils sont si accoutumés aux pratiques de la religion, qu'ils sont si accoutumés aux pratiques de la religion, qu'ils sont si accoutumés aux pratiques de la religion, qu'ils sont si accoutumés aux pratiques de la religion, qu'ils sont si accoutumés aux pratiques de la religion, qu'ils sont si accoutumés aux pratiques de la religion, qu'ils sont si accoutumés aux pratiques de la religion, qu'ils sont si accoutumés aux pratiques de la religion, qu'ils sont si accoutumés aux pratiques de la religion, qu'ils sont si accoutumés aux pratiques de la religion, qu'ils sont si accoutumés aux pratiques de la religion, qu'ils sont si accoutumés aux pratiques de la religion, qu'ils sont si accoutumés aux prat The public debt, in 1834, amounted to 5,689,229 milrefs.

a deep-rooted national antipathy.

"Well doth the Spanish hind the difference know "Twixt him and Lusian slave, the lowest of the low."

"Strip a Spaniard of all his virtues, and you make a good Portuguese of him," says the Spanish proverb, "I have heard it more truly said," says Dr. Southey, "add hypocrisy to a Spaniard's vices, and you have the Portuguese character." The two nations differ, perhaps purposely, in many of their habits. "Almost every man in Spain smokes: the Portuguese never smoke, but most of them take snuff. None of the Spaniards will use a wheelbarrow; none of the Portuguese will carry a burden: the one says, 'it is fit only for beasts to draw carriages;' the other, that 'it is fit only for beasts to draw carriages;' the other, that 'it is fit only for beasts to arry burdens." (Southey's Letters, ii. 64.) In one respect, however, their tastes are identical, bullfights being quite as popular among the Portuguese as for beasts to carry burdens." (Southey's Letters, ii. 64.) In one respect, however, their tastes are identical, bull-fights being quite as popular among the Portuguese as among the Spaniards. Semple's statements, as to the Portuguese character, coincide with those of Du Chatelet. "The Portuguese are generally dark-complexioned and thin, with black hair, it ascible and revengeful in their tempers, and eager in their gestures on trivial occasions. They are also said to be indolent, deceifful, and cowardly; but they are temperate in diet, and that may be classed at the head of their virtues, if, indeed, they have many more. They have no public spirit, and, consequently, no national character. An Englishman, or a Frenchman, may be distinguished in foreign countries by an air and manners peculiar to his nation; but any meagre swarthy man may pass for a Portuguese." All classes seem to despise cleanliness; and Lisbon, and the Portuguese towns generally, are, certainly, entitled to the not very envisible distinction, of being about the fibriest in Europe. The morals of both sexes are lax in the extreme; and, as already stated, assassination is a common offence. On the whole, we incline to think, that, owing to vicious institutions, the Portuguese rank about as low in the social scale as any people of Christendom. But the fair presumption is, that, under the beneficial influence of the new constitutional arrangements, the abuses that have degreesed and degraded the nation will be extirpated; and that the Portuguese will once more recover their depressed and degraded the nation will be extirpated; and that the Portuguese will once more recover their

and the Totolguese will once more recover their ancient place among European nations.

History.—This country#anciently called Lustiania, was taken possession of by the Romans about amo 200 B. C.; previously to which some Phænician and Cartha-

ginian colonies are supposed to have been planted on its abores. It remained a Roman province till the 5th century, when it was invaded by the Suevi, Visigoths, &c.

The Moors landing in the 3. of Spain in the early part of the 8th century, and meeting with little resistance from its thinly spread population, early overran the greater part of Portugal; but the nature of the country favouring the operations of the inhabitants, they were not long in recovering possession of its more northern and mountainous portion. The name of Lusitania seems to have been exchanged about this period for that of Portucale, subsequently changed into Portugal, from the circumstance of Oporto, the principal strong-hold of the Christians, being then called Calle, or Porto Calle. (D'Anville, Elais formés en Europe, p. 193-)

In the 11th century Portugal became an earldom, under the kingdom of Leon and Castile; and during the 19th it was erected into an independent kingdom. Its power now rapidly increased; and by the acquisition of Algarve, in 1949, it arrived at its present limits. In the latter half of the 14th century the voyages and discoveries commenced which have shed immortal lustre on the Portuguese name. During the 15th century, Madeira, the Canaries, and Asores were discovered, and colonized; and in 1439 Vasco de Gama doubled the Cape of Good Hope, and opened a new route to India.

In the following century the Portuguese explored the coasts of Newfoundland and America; took possession of Brazil; made important acquisitions in India and the Persian Gulph, and discovered the Moluccas; by which successful enterprises they monopolized the commerce of the East, and a great share of that of the West. But the prosperity of Portugal was short-lived. After the disastrous defeat and death of King Sebastian, in Africa. 1578, Phillip IL. of Spain seized on the kingdom, which remained a Spanish prov. from 1580 to 1640: and when

in 1578, Philip II. of Spain seized on the kingdom, which remained a Spanish prov. from 1580 to 1640: and when she regained her independence, the greater part of her commerce, and her foreign possessions, were in the hands of the Dutch.

hands of the Dutch

But, notwithstanding the emancipation of Brazil, Fortugal still preserves the Azores, Madeira, Cape de Verd, and Guinea Islands; the settlements of Angola and Mozambique, in Africa, and those of Goa, Dilli (Timor), Macao, &c., in Asia. In 1807, Portugal was invaded by the French, when the royal family removed to Brazil. John VI. dying in 1826, Dom Miguel usurped the throne in 1827, which he held till 1833; when, after a lengthened contest, Donna Maria II. was established in its possession. (Balbi, Essoi Statistique sur la Royaume de Portugal; &c.; Du Chatelet, Voyage en Portugal; Baillië's Lisbon; Semple, Southey, Murphy, &c., in Mod. Trim. Xix.; Journal Statistique, 1838; Urcultiv & Goog.; Convers. Lexikon, &c.)

POSEN, a, prov. of the Prussian monarchy, comprising

POSEN, a prov. of the Prussian monarchy, comprising the portion of Poland assigned to Prussia by the treaty of POSEN, a prov. of the Frussian monarchy, comprising the portion of Poland assigned to Prussia by the treaty of Vienna in 1815, baving N. the prov. of Prussia and Brandenburg. E. Poland, and S. and W. Silesia and Brandenburg. It is of a triangular shape. Area, 11,374 sq. na-Pop., in 1846, 1364,399, of whom 866,390 were Catholics, 416,484 Protestants, and 81,299 Jews. Principal towns, Posen, Bromberg, Nakel, &c. It is divided into two regencies, and these again into 6 circles. Surface generally flat, and in part occupied by extensive marshes and forests. Principal rivers, Warta, Netze, and Obra. Soil various, but generally clay and black foam intermixed with sand, and naturally very fertile. Principal products, corn, timber, wool, honey, &c. Minerals and manufactures unimportant. A vast number of leeches are taken in this prov., especially in the circle of Bomster: above 1,300,000, worth, on the spot, above 65,000 rix-dollars, were exported in 1840; and, in 1839, the exports were still more extensive. This is the most backward of the Prussian provinces. When it first came into the possession of Prussia, in 1792, the great bulk of its inhabs. were in a state of predial slavery, and were as ignorant and brutalised as can well be imagined. The vigorous and enlightened government of Prussia at once put down the excreases of the nobles and has exercit itself two and brutalised as can well be imagined. The vigorous and enlightened government of Prussia at once put down the excesses of the nobles, and has exerted itself by introducing an improved judicial system, establishing schools and otherwise, to improve the habits and condition of the people. These efforts, combined with the total shalling of carriers than for Parties 1.

achools and otherwise, to improve the habits and condition of the people. These efforts, combined with the total abolition of servitude (are PRUSSIA), have had the best effects; though a lengthened period will still have to elapse before the vices and habits engendered by centuries of alavery and degradation be completely eradicated, and the population become as intelligent and industrious as in the more advanced provinces.

Posin, a city of Prussia, cap. prov. and reg. of the same name, at the confluence of the Prosna with the Warta, 147 m. E. by S. Berlin; lat. 52° 29° N., long, 16° 53° E. Pop., in 1846, 40,309. Since the peace of 1815 its fortifications have been vasily improved, and it is now one of the bulwarks of the kingdom on the side of Russia. Though an old town, it is pretty well built. Principal edifices, cathedral and town-flouce. It is the residence of the provincial authorities, and of an archbishop; and has a court of appeal, a gymnasium, or college, a theo-

POTOSI.

logical seminary for the education of Catholics, a school of arts, &c. The business of watch-making is carried on to some extent; and there are manufactures of leather, linen, fire-arms, &c. It has three great annual fairs. Here, as in the rest of Poland, the buying and selling of goods is chiefly managed by Jews, who occupy a particular quarter of the town.

POTENZA, (an. Potentia), a city of the Nespolitan dom, prov. Basillecta, of which it is the cap, on a hill in a wild and rocky tract, near the source of the Basiento, 64 m. E. Salerno. Pop., circs 9,000. It is fortified, and has a cathedral, several other churches, and convents, a seminary, a royal college, lyceum, hospital, government pawn-bank, &c.; but, speaking generally, it is poor and meanly built. It is a bishop's see, and the seat of the superior judicial courts for the prov. It suffered greatly from earthquakes, especially in 1684, and 1812. (Rampoldi, Corografia; Dick. Glog.).

POTOSI (SAN LUIS DE), a city of Mexico, cap. of the state of same name, near the source of the river Tampleo, 165 m. W. Tampleo, and 75 m. N.N.E. Guanaxuato; lat. 220 N., long. 1080 1 W. Pop. of the city titelf about 18,000 (Poissett), but including the berrios, or suburbs, which cover a large extent of ground, it may amount to from 50,000 to 60,000 (Ward). "It presents a fine appearance: the churches are lofty, and some of them year, handsome. The streets are well

it may amount to from 50,000 to 50,000 (Ward). "It presents a fine appearance: the churches are lofty, and some of them very handsome. The streets are well built, very clean, and intersect each other st right angles. The houses in the square, and in the principal avenues leading to it, are of stone, and two stories high; those in the suburbs are low, and of adober (sun dried bricks). The government house, in the square, is not yet completed; but the front, which is of cut stone, and ornamented with lonic pilasters, would do credit to any city in Europe. The market-place is well supplied with meat, fruits, and vegetables. Pedlars hawk up and down the coarse manufactures of the country. Stalls are erected and set out with meats, blankets, leather breeches and leggings, saddles, brilles, huge wooden stirrups, iron spurs, weighing at least 2 lbs., and a great variety of manufactures from the filaments of the Agave: ropes, cord, twine, and thread, matting, bags, saddle-

stirrups, iron spurs, weighing at least 2 lbs., and a great variety of manufactures from the filaments of the Agave: ropes, cord, twine, and thread, matting, bags, saddle-cloths, &c. &c. Here, as in every part of Mexico, the vendors were satisfied with one-half of their asking price, and frequently with one-third part of what they, the instant before, had sworn on their consciences the article was worth." (Poinsett's Notes on Mexico, pp. 242—346.) From its situation, this city is the natural dipple of the trade of Tampico with the N. and W. Mexican states. Its foreign trade is at present almost wholly in the hands of natives of Old Spain or of the U. States. The European imports consist principally of French brandies, wines, silks, and cloths, English hardware and printed cotton goods, with some mantas or ordinary cotton macutures from the U. States. In addition to its foreign trade, San Luis supplies the neighbouring states of Leon and Cohahuila with home-made goods of various kinds. The town abounds in tailors, hatters, leather dressers, and smiths; and the whole pop. seems industrious (Ward's Mexico, il. 237.) The people are better dressed, and there are fewer beggars here, than in almost any other part of Mexico. The mines in the neighbourhood have long ceased to be wrought, from exhaustion of the ores; they were, however, formerly very productive. A college, founded by voluntary subscription, and in a Sourishing state, affords gratuitous instruction to poor students in Latin, jurisprudence, theology, and constitutional rights. The city was founded in 1988. (Pedsset's Notes on Mexico, p. 242—246.; Ward's Mexico, it 226—230.)

226—230.)
Poroat, a city of Upper Peru or Bolivia, famous for its rich silver mines, on the N. declivity of the Cerro di Potosi, a mountain belounging to the Andes, lat. 19° 36′ S., long, 67° 21′ 45′ W.; 64 m. S.W. Chuquissca. Early in the 17th century this city is said to have had 180,000 inhabs.; but it is now almost deserted, it is built on uneven ground, and has a spacious square in the centre. The government-house, the town-house, and the fall, under the same roof, occupy one side; the treasury and government offices another; a convent, and an unfinished church the third; and private house the fourth. Extensive suburbs, once tenanted by Inand an unfinished church the third; and private houses the fourth. Extensive suburbs, once tenanted by Indians and miners, are now without an inhab., and the vestiges of the streets are all that remain. Among the most remarkable public edifices is the mint, substantially built of stone, in 1751, at a cost of 1,148,000 dolls. In the principal square an obeliak 60 ft. high was erected in honour of Bolivar, in 1835. The houses of Potost, generally, are of stone or brick, and of only one story, with wooden balconies, but without chimneys. The country round is perfectly barren, and the climate disagreeable; the rays of the sun are scorching at noon, while at night the air is piercingly cold. The market is well supplied; though, from many articles having to be brought from a considerable distance, the necessaries, as well as the luxuries of life, are very dear.

The Cerro di Potost, which is 18 m. in circuit, and

to the height of 16,037 ft.., is supposed to be a solid either of the ores or the matrix of the precious a, of which it has produced a vast quantity, ed from the city, it appears dyed all over with rous tints, green, orange, yellow, grey, and rose r. The discovery of its wealth was made by an a, who, in hunting some goats, alipped, and, to save if, took hold of a shrub, which, in coming away the ground, laid bare the silver at its root. The i were first wrought systematically, in 1845, from i time till 1803, they are said to have produced 500,000 plastres, or 257,388,384, worth of silver on duty was paid; and during the same period they produced a large quantity of gol; at the same time great quantities of both metals were smuggled, or into circulation without payment of the duty, it 5,000 openings are said to have been made in the itain; but the number of mines wrought during the mines yielded about 30,000 ducats a day; and for a henced period they produced about 9,000,000 dollars. But they had begun to decline long previously to tevolution; and since then they have been, whether their exhaustion, defects in the mode of working, e want of capital, nearly unproductive. The ore is rised in water-mills, worked with overshot wheels, om I to 10 m. from the city; but, according to is, both the mining and reduction of the ore were ucted in the most bungling manner. (Americas, \$c.) TSDAM, a town of the Prussian states, prov.

ucted in the most bungling manner. (Amdrews r. Mod. Tran., xxviii.; Grog. Journal, v.; Encycl. ricsma, &c.)
)TSDAM, a town of the Prussian states, prov. sdenburg, cap. reg., at the confluence of the Rathe the Havel, on an island formed by the two rivers, a land lakes, 17 m. S. W. Berlin. Pop., in 1865, 87,563 dam has been appropriately termed the Versallies of sia. It is a favourite royal residence; streets straight, d. and well paved; and the houses, though fre-tily small, and not very commodious within, have, he most part, splendid fronts. It is encompassed by and palisades; has numerous gates and bridges, of which are highly ornamental, and is divided three parts, the old and new towns, and Frederick. The most remarkable edifices are, the palace, a nificent structure on the Havel, having attached to theatre, meangeris, and spacious stables; the church he garrison, in which are deposited the remains of ierick the Great; the church of St. Nicholas; the tmilitary orphan hospital, &c. In the old markete is an obelisk of red Silesian marble, 75 feet high, pedestal of white Italian marble; on the base are ribed the names of the great elector and his sucors. A large garrison is always kept at Potsdam, hat the barracks are very extensive. There is a um, a military school, with various public schools niferior note, and sundry literary establishments. re are also, exclusive of the military orphan hospital, came infirmary, workhouse, &c. dam was formerly said to be more of a barrack than town; but for a good many years past it has been inguished in various branches of manufacture, such

then the search of the more of a barrack than town; but for a good many years past it has been inguished in various branches of manufacture, such hat of silk, hardware articles, arms, &c. Being sided on a navigable river, communicating by canals, with many large towns, and with the kibe and the r; it has a good deal of commerce. otsdam is a very old town, having existed in the 8th turr: it did not, however, become a place of any imitance till the elector Frederick William selected it are residence, and began the pelace. It was materially roved by the king, Frederick William I; but, like lin, it owes the principal embellishments to the taste liberality of Frederick the Great. In its environs is as Souci, the Isrocurite residence of that illustriprince, and the place where he expired, on the 17th tugust, 1785. The new palace and the marble palace also in its vicinity.

prince, and the place where he expired, on the intensity stages, 1785. The new palace and the marble pelace also in its vicinity.

''UUGHKERPSIE, a tewn and river-port of the U.
tes, Dutchess, co. New York, on the Hudson, 70 m.
New York. Pop., in 1840, 10,006, but it now (1850)
bably exceeds 12,000. The river-bank here is 200 ft. in bably exceeds 12,000. The river-bank here is 300 ft. in ght, but the town has five convenient landing places coupies a fast of about 1,800 acres; on which some treets have been laid out; several of which are well ed. Many of the stores (ahope), in the main street, equal to those of the Broadway in New York; and nerous private houses exhibit both wealth and taste. ween 1831 and 1836, upwards of 100,000 dollars were ended in the improvement and enlargement of the rn; and 28,000 dollars in the construction of reservade. In the latter year, there were 10 churches, a rt.-house, a gaol, a co. workhouse, an academy, a Lantrian school, four banks, and several whaling and er companies. Foughkeepsie has a considerable de; and communicates regularly, by steam boats, hew York, Newbury, &c. It was founded by some tch families, in 1725, and incorporated in 1801. (New r& Genetyer-)

PRAGUE.

PRAGUE, a suburb of Warsaw, which see.
PRAGUE, a city of Bohemia, of which it is the cap, near the centre of the kingdom, on the Moldau, by which it is intersected, 73 miles S.E. Dresden, and 152 miles N.E. Vienna; lat. 50° 5′ 18″ N., long. 14° 25′ 15″ E. Pop., in 1846, 68,895, ex. garrison, inhabs, of the citadel, and strangers; whose united numbers raise it to upwards of 100,000. It stands in a basin, surrounded on all sides by rooks and eminences, upon the slopes of which the buildings rise tier after tier, as they recede from the water's edge; and few, if any, cities of Germany, or, indeed, of any country, have so grand and imposing an external appearance. It is divided into 4 quarters, of which 2, the Altstadt and Neustadt, are on the right, and the others, the Kleinseite and Hradschin, on the left bank of the Moldau. The Altstadt, or most ancient part of the city, stretches along the margin of the river, and for a considerable distance up the ascending ground; it comconsiderable distance up the ascending ground; it com-prises the university and the archibinop's palace, the municipality, the principal churches and public edifices, the theatre, and all the superior shops. It is the district of commerce and general activity; and is crowded with a dense and active pop. Its streets are generally narrow, dark, and winding; the principal edifices massive and gloomy; and the private buildings, usually of stuccoed brick, are black with age and dirt, and so lofty as to exclude the light from the avenues between them; but, on clude the light from the avenues between them; but, on the other hand, there is an air of antiquity, and a singularity of architecture about many of the edifices, public and private, that renders them at once venerable and interesting. The open places are often surrounded by low heavy arcades, beside which are the churches or public buildings, exhibiting a fantastic mixture of Gothic and Italian decorations; while at every turn the eye is met by some memorial of historical events. Beyond the Altstadt, surrounding it on 3 sides, and separated from it only by a large wide street termed the Graben, from its baving been formerly the city ditch, is the Neustadt (new city), founded by the emperor Charles IV., the most splendid of Bavarian monarchs; the streets of which are much more open and spacious, and are genemost splendid of Bavarian monarchs; the streets of which are much more open and spacious, and are gene-rally rectangular. Here are the vast convents, hospitals, and other public buildings, which owed their magnifi-cence to the Jeauits; but the houses are poor, and the inhabs, chiefly mechanics, artisans, and traders of the lower class. At one extremity of the Neustadt, up the river, is the fortress and arsenal of the Wisschrad, erected on a bluff rock, and connected with the line of works which extends in a curve behind the old and new city, embracing them both, and descending to the river at each extremity. On the opposite bank of the Moldau, the surface of ground is for a small space comparatively at each extremity. On the opposite bank of the Molday, the surface of ground is for a small space comparatively even, behind which arises a range of high, bold, craggy bills. On the even space, and partly up the ascent, is built the Kleinseite (small side): this is the quarter of the aristocracy; in it are the palace of the ancient Bohemian nobles, with attached gardens and shrubberies, which often extend high up the irregular ascent behind. The lofty ridge above the Hradschin forms a magnificent termination of the propercy, as viewed from the

The lofty ridge above the Hradschin forms a magnificent termination of the prospect, as viewed from the bridge below or from the opposite side of the river. Here, on the summit of a long bold eminence, is the vast palace of the old Bohemian monarchs; and close behind it rise the choir and tower of the cathedral. Further on, along the hill, are groups of stately edifices; and beyond these again may be seen, on a loftier point, the fine Premonstratensian monastery of Strahow, with its lofty towers and dark thick groves overhanging the river. The quarters of Prague on the left, like those on the right bank of the Moldau, are inclosed by fortifications; but these are of little strength, and were raised by Charles IV. merely to give employment to the working pop., as the chance of invasion was then but inconsiderable.

The bridge which connects Altstadt with the Kleinseite, the only one hitherto constructed within the limits of the city, is the longest in Germany. It is a ponderous structure of stone, 1780 ft. in length, and 35 in breadth; with a lofty tower at each extremity, and colossal stone statues, single and in groups, among which is presentent that of St. John Nepomuck, the tutelar saint of the city. Not far from the bridge, and attached to the Altstadt, is the Judenstadt, a district allotted to the Jews, whose number is about \$,000, living, as usual, in crowded filthy abodes, forming a labyrinth of narrow winding streets. (Turnbull's Austria, &c., 1. 95-96, and Reeve's Sketches of Bohemia, No. ii.)

The Hradachin, or palace on the hill, is a vast pile, more remarkable, however, for extent than beauty. It is said to be larger than the palace at Vienna, and to comprise 440 apartments, including the Hall of Ladislaus, imperial Audience-room, Hall of Assembly for the States, &c. On a narrow terrace immediately below the States, obeliaks mark the spot where the imperial commissioners, and their secretary, sent thither with the most intolerant edicts against the Bohemian Protestants, were indignantly thrown out of the windows The bridge which connects Altstadt with the Klein-

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of the Green Chamber, by the deputies of the kingdom, 1618. Notwithstanding the great height of the windows whence they were ejected, the commissioners escaped unburt, by falling, as is said, on a dunghill. This event may be regarded as the commencement of the 180 years' contest, ended by the peace of Westphalis in 1648, which, while it secured the liberties of the rest of Germany, unfortunately consummated the slavery of Bohemia, which had long been foremost in freedom and toleration. The cathedral, begun in 1344 and finished in 1486, is within the precincts of the Hradschin. It is a fine specimen of Gothic architecture, and is surmounted by a lantern-crown similar to that on the tower of \$t. Glies, Edinburgh. The choir, built by Charles IV. and the unfinished chapels that surround it, are much admired. In the cathedral are the tombs of many Bohemian sovereigns and other distinguished individuals; a fine alter plece and other paintings; mosaics, and the nemna sovereigns and other distinguished individuals; a fine altar piece and other paintings; mosaics, and the costly shrine of St. John Nepomuck, &c. Others of the numerous churches, as that of the Theinkinche, in which is the tomb of the famous astronomer, Tycho Brahé, who died here on the 13th October, 1601, are interesting for their monuments. Prague had formerly a great number of convents; but Joseph II. secularised most of these astablishments. Among the chanels is one which

is the tomb of the lithous astronomer, a pend state, who died here on the 18th October, 1801, are interesting for their monuments. Frague had formerly a great number of convents; but Joseph II. secularised most of these establishments. Among the chapels is one which is an exact representation of that of Loretto.

The town-hall, arsenal, military hospital, military orphan saylum, lying; in hospital, principal workhouse, and theatre are among the finest of the numerous public edifices. Of the private palaces, that built by the famous Wallenstein, duke of Freidland, is the most remarkable. Though unfinished, it is of immense extent, 100 houses having been pulled down to make room for its site. It still belongs to a collateral branch of Wallenstein's family: the apartments and furniture, which are said to remain in their original state, are shown to strangers, and the park attached to the palace is thrown open to the public; but the residences of the nobility in the Kleinseite are mostly deserted. "They are generally large ugly buildings, some, however, with a good deal of architectural decoration; and the dirty rubbishy appearance of their brick walls, half covered with worn-out stucco, conveys the idea of prisons or poorhouses rather than of mansions of distinguished nobles. Their proprietors have transferred themselves and their wealth to the Austrian capital; leaving to the Bohemians these sad memorials of times, when the court of Prague might have looked with soom on the inferior splendour of Vienna. Yet, in some of these decolate abodes, covered with dust and rubbish, we found immense collections of books. The Lobkowits library is said to comprise more than 70,000 vols., the Kinsky 40,000, the Klebelsberg 18,000, the Klam Martinitz 31,000, and others equal or superior numbers. In some of these palaces a few rooms are fitted up and occupied during winter by a minor branch of the family, and in many of them are offices for the stewards and managers of the Bohemian estates; but when, on particular occasions, as, and riemisn masters; and in that of Count Sternberg is the national museum, comprising extensive collections of paintings, books, fossils, and natural objects. The library, in the Strahow monastery, one of the finest apartments of its kind in Germany, comprises a col-lection of about 50,000 vols.

The university of Program Counded by Charles IV in

apartments of its kind in Germany, comprises a collection of about 50,000 vols.

The university of Prague, founded by Charles IV. in 1848, occupies a large edifice termed the Carolinasse, and is remarkable as the first great public school established in Germany. The students were formerly divided into 4 nations, and are said, though there can hardly be a doubt that the statement is grossly exaggerated, to have amounted, early in the 18th century, to 40,000 1 in consequence, however, of a measure proposed, in 1409, by Huss, who was thes rector, to abridge the privileges of the foreign students, more than half the pupils attending the university withdraw to Lefpsic, Heidelberg, Cracow, and other seminaries. The Carolinum is now exclusively devoted to instruction in medicine, law, and the extences; while education in theology is conducted in the Camearisms, an immense building, founded by Ferdinand III., in 1632, as a convent and seminary for Jesuita. The university library, in the latter, comprises about 180,000 vols.: it has also an observatory, botanic garden, and various museums; and was attended, in 1840, by about

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1,700 students; but it must be borne in mind that the censorship of the press, the prohibition of foreign works, and the jealousy of the government, oppose the most formidable obstacles to the diffusion of knowledge, and hinder any real progress being made in political or even philosophical science. The same causes render the newspapers and other journals published here of little interest or importance. There are 8 gymnasis, preparatory to the university, with several other high schools, ecclesiastical, teachers', and Jewish schools; a polytechnic institute, conservatory of music, academy of the fine arts; and many orphan and deaf and dumb asylums, and other charities. The Jews settled here at a very early period, and have an infirmary and orphan-asylum of their own, and as many as 9 synagogues, one of which is very ancient.

Prague has manufactures of printed cotton, linen, silk, and woollen stuffs; leather, hats, liqueurs, earthenware, refined sugar, &c.; and is the grand centre, not merely of the commerce of Bohemia, but of an extensive and rapidly increasing transit trade. It owes this distinction to its situation on the Moldau, or principal arm of the Elbe, which is navigable by large boats to Budweis (80 m. direct dist. S. from the city), where it is joined by a railway from Lints, on the Danube. Prague is thus rendered the centre, as it were, of the communication between Hamburg on the one hand, and Vienna on the other; and is, besides, intimately connected with Dresden, Leipsic, and other German cities. Several annual fairs are held here, including a large wool fair in June.

"Owing to the number of its palaces, churches, public buildings, and other spiendid remains of its ancient grandeur, Prague is more imposing than Vienna, and far preferable as a residence; the situation being much more salubrious, and the climate more mild and equable, the cold in winter rarely exceeding 240 Reaum, and generally averaging between 70 and 100; while, during the greatest heat of summer, the thermometer seldom ri

Italian when wedded to melody." (Spencer's Germany and the Germans, 1. 207-2). Jerome, the friend of the great Bohemian reformer John Huss, was a native of this city, and was thence surnamed "of Prague." He suffered the same fate as his illustrious friend, having been burnt alive, in pursuance of a sentence of the Council of Constance (see Constance), on the 30th of May, 1416. A very interesting account of the unfair and barbarous treatment he experienced on his trial, and of the singular ability, courage, and eloquence with which he defended himself, and exposed the malignity and bad faith of his adversaries, is given in a letter of Poggio-Bracciolini, who was present on the occasion. (This interesting document may be seen in Shepherd's Life of Poggio, or in the art. Jerome, in Altin's Biographical Dictionary.)

Prague is very ancient; but the date of its foundation is uncertain.

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Bohemia is one of the few countries in which perse

Bohemia is one of the few countries in which persecution has been successful. At one time the Protestant faith was that of a great and decided majority, not of the citisens of Prague only, but of the whole kingdom. But the sovereigns of Austria having succeeded, in 15%, to the Bohemian crown, succeeded, after a lengthened struggle, partly by force of arms and partly by the most atroctous persecution of which history has preserved any account, in exterminating every germ of the reformed faith, and in totally subverting the free institutions of the country. For more than 180 years the language of the people was proccribed, their apirit was broken, and they were subjected to every species of insult and indignity. But since the middle of last century, and especially since the reign of Joseph IL, the government has been conducted in a more tolerant and liberal spirit: and Prague, with the vest of Bohemla, is now advancing as rapidly in prosperity as any part of the Austrian monarchy. Prague was taken by the

ians under Frederick the Great in 1741, but they soon after obliged to evacuate the city, and it has since been held by the Austrians. (Desterv. Nat. c.; Berghous; Resve's Stetches of Bohemia, in pp. Mag., 1637; Turnbull, Strang, Gleig, Murray,

op. Mag., 1837; Twenbull, Strang, Gleig, Marray, asasim.)
ATO, a town of the grand duchy of Tuscany, cap. on the Bisensio, a tributary of the Arno, 10 m. Florence. Pop., in 1836, 10,849. It is surrounded a wail and ditch; the streets are regular, and the segnerally good. It has several squares, of which test is the Planza Mercatale; but the chief ornamof the town is the cathedral, a fine edifice of white the, with ornamental parts of dark serpentine. Selother churches are handsome, and worth notice. o has two workhouses, several hospitals, the Cicogcollege for secular instruction, normal Lancastrian infant schools, &c. The manufacture of straw hats bonnets employs nearly 1,000 females; and it has manufactories of woollen stuffs and caps, the latter exportation to the Levant; with iron and copper ts, paper-mills, a rope-walk, a glass factory, &c. The age wages of the working classes at Prato may be oned at 24 paoil, or 104d. a day. (Bouring's Rep. os 2ms, p. 24, 35.) In the middle ages, Prato was the of a republic, conquered by the Florentines in 1855. poet Cauti was a native of the town. (Woods; Wits; Conder's Italy; Bouring's Rep.; Geog. Dict.) RAYA (PORTO), a see-port town of the Cape de dislands, which see.

RAYA (PORTO), a see-port town of the Cape de dislands, which see.

RENZLOW, a town of the Prussian states, the chief e in that part of Brandenburg called the Ucker Mark, he point where the river Ucker escapes from the lake nat name, 32 m. W.S.W. Stettin. Pop., in 1837, 10,506. ithriving and well built; has various churches, schools, hospitale, a valuable public library, and manufactures linen, woollens, and tobacco, with brewerles, tanies, &c. In 1806, a conflict took place in the suburbs of itown, which ended in the surrender to the French 20,000 Prussian troops, escaped from the baktle of la.

it cown, which ended in the surrender to the French 20,000 Prussian troops, escaped from the battle of land the season of the Diet, immediately him its W. Fronter, cap. co. of its own name, on the bank of the Danube, 24 m. R. by S. Vienna; lat. 480 50° N., long, 170 ° 18° E. Pop. in 1837 (excluding rison and strangers), 37,380. Travellers differ greatly their statements as to the appearance of Presburg; the latest and best authority, Mr. Paget, says it is ettily situated along the banks of the Danube, and, for own of its size, offers a greater number of handsome illdings than are often seem together. It has, however, ore of the characteristics of a German than a Hungaring type, and has few public buildings worth notice, he most conspicuous of the later is the castle, a huge uare brick structure, built upon a height above the wn. It is now a ruin, having been burnt in 1811, by an allan regiment in the French service; it is, however, emorable as the scene of the appeal made in 1741 by laria Theresa to the Hungarian states, which was somerously responded to by the latter. The hall of the liet, or Landauss, is a plain unpretending edifice, both tternally and internally. The two chambers, which methods imply with long tables, round which are benches rether the superior of the structure of the president, with pens, ht, and paper before them. At the upper end is a raised art occupied by the president, vice-president, and ecretary; and behind these sit the judges of the royal able." In the intervals between the sessions of the Diet, this apartment is used as a concert-room. The numbers attend the Diet armed, in full national cosume; and, since 1836, the debates have not been arried on in Latin, but in Hungarian. They are innetimes very stormy. The cathedral, a Gothic edice, supposed to date from the lith century, and in which the things of Hungary are crowned; the county-hall, German theatre, barracks, and archbishop's palase, are the other principal public buildings. There are sereal handsome noble residences, but the Presburg was formerly surrounded with walls, but it has long outgrown these, and they are now mostly demo-lished. It is a bishop's see, and the residence of the archbishop of Gran, primate of Hungary. It has a Rom. Cath. academy and a Calvinist lyceum, both possessing good libraries; a Cath. high gymnasium, Cath. semi-nary, college for poor students, and various other public schools; à hospitals, including one supported by the Jews,

who are very numerous here, and have a quarter to themselves; and many charitable institutions. A fine library, belonging to Count Appony, is open to the public; and, according to Mr. Paget (i. 23.4.), the booksellers' establishments are well supplied with good works. The manufactures, which are various, include silk and woollen goods, saltpetre, rosogilo, tobacco, &c.; and the town has a large transit trade in corn, linen, and Hungarian wines. Immediately outside the town is the town has a large transit trade in corn, linen, and Hun-garian wines. Immediately outside the town is the königsberg (king's mountain), a small circular mound to which the king of Hungary proceeds to perform an im-portant ceremony, immediately after his coronation. A very beautiful and fertile country extends along the other bank of the Danube, opposite Presburg; and on that side are the favourite resorts of the inhabs.; the prome-nade in the Au; public gardens; arena, or theatre in the Open air for national performances. &c. : the communinade in the Au; public gardens; arena, or theatre in the open air for national performances, &c.; the communication across the river being kept up by a bridge of boats. Presburg is very ancient. Joseph II. transferred its previous title of cap. of Hungary to Buda. The treaty which gave Venice to the French and the Tyrol to Bavaria was concluded here in 1805. (Austr. Nat. Emerch. 18 Programs; Paget's Hungary, &c., 1.1—28; Gleig, Elliot, &c., passim.)

Davaria was concluded nere in 1805. (Austr. Nat. Eng. C. ; Berghaus ; Paget's Hungary, &c., i. 1—28; Gleig. Elliot, &c., passin.)
PRESCOT, a market-town, par., and township of England, hund. W. Derby, co. Lancaster, 8 m. E. by N. Liverpool, and 23 m. W. by 8. Manchester. Area of par., 24,940 acres; do. of township, 340 acres. Pop. of township in 1841, 5,451. It is situated on high ground, over a large and rich coal-field, and consists of one long principal street, well paved and lighted with gas, on the turn-pike road between Liverpool and Manchester, about 1 m. N. the railway between those towns. The principal public buildings are a town-hall, seasions-house, prison, and mechanics' institute. The par. church, an ancient structure, has a modern tower and steeple 186 ft. in beight, forming a conspicuous object to the surrounding country: the living is a vicarage, of the annual value of 893L, in the gift of King's College, Cambridge, to which the manor belongs. In the out-townships are 8 district churches, the patronage of 6 of which is with the vicar. There are places of worship in the town for Wesleyan and Princitive Methodists, Independents, and Unitarians, besides which there are within the par. 3 Rom. Cath. besides which there are within the par. 3 Rom. Cath. chapels, and 9 meeting-houses for different denominations of dissenters. A grammar-school, with an endowment prood disenters. A grammar-school, with an endowment pro-ducing 160%. A year, has about 30 foundation-hoys (sons of inhals.) with other pay-scholars, those born and educated in the par. having a preference to 7 fellowships and several good exhibitions at Brasennose College, Oxford. Several almshouses, erected in 1708, furnish lodging for 19 old women; and there are numerous money-charities. The other benevolent institutions are a ladies' charity, bible

women, and there are numerous money-charities. The other benevotent institutions are a ladies' charity, bible society, and savings' bank.

Prescot has long been celebrated for its manufacture of watch-tools and movements, in both of which branches it greatly excels: files, also, of first-rate quality, and engravers' tools, are made here. In 1886, 100 men were employed in file making, and 500 in the construction of watch tools, motion work, &c. The manufacture of coarse eartherware has for many years been carried on, the clay of the neighbourhood being well adapted for such a purpose. Cotton-spinning is carried on in 2 mills, employing, in 1889, 240 hands; and there is a small fax-mill. Coal-mines are wrought in every direction round the town; it is estimated that upwards of 2,000 men are employed in the collieries within the par.; and Liverpoot receives from Prescot its chief supply of coal. Many of the out-townships are very populous, St. Helen's and Eccleston having attained to some importance as manufacturing towas. Prescot has petty sessions, and a baronial court for the recovery of small debts. Markets on Saturday, and fairs on alternate Tuesdays. (See St. Hillen's 1, (Bainess's Hist. of Lamcaster; Butterworth's Stat. of Lamcaster; Butterworth's Stat. of Lamcaster; Butterworth's Stat. of Lamcaster, St.)

Saturday, and fairs on alternate Tuesdays. (Sec St. Hells, and fairs on alternate Tuesdays. (Sec St. Hells, and Lancaster; Butterworth's Stat. of Lancaster, &c.)

PRESTEIGN, a parl. bor. and market-town of S. Walee, hund. New Radnor, co. Radnor, near the S. bank of the Lug, in a fertile and well-cultivated valley, adjoining the confines of Herefordshire, 12 m. R. by N. Leominster. The par. of Presteign, which extends partiy into Wigmore hund, co. Hereford, had, in 1841, 2928 inhab., of which the parl. bor. had 1,550. This is a well-built town, and, notwithstanding its limited size, is the cap. of the co., the assizes and quarter sessions being held in it. "A woollem manufacture was once carried on here; but that is now given up, and there is no manufacture at present in the town, unless it be that of malt, which is made in large quantities. It is a sort of metropolis of the country for 5 m. round, supplying it with groceries, drapery, iron-work, and shop goods in general. It has so a considerable trade in timber. The inhab. are principally professional men, tradesmen, mechanics, handicraftsmen, and a few farmers. There are also some persons of small independent incomes, who reside here for the sake of the cheapness of the place." (Park Bossad. Report.) The church, which is very ancient, has some curious monuments and fine eld tapestry. The living,

a rectory of the annual value of about 8001., is in the gift of the Earl of Oxford. The Wesleyan and Primitive Methodists, and Baptists, have places of worship. The co. hall is said to be a handsome structure, and there is also a co. gaol and a free-school. The latter, founded and liberally endowed in the reign of Elizabeth by a clothler of the town, furnishes a plain English education to between 50 and 60 boys; and there are other minor schools and Sunday-schools attached to the Church and the Wesleyan connection. At the N. end of the town is a fine circular mound, laid out in public walks, presented to the inhabs. by the Earl of Oxford. Presteign unites with New Radnor and other small bors. in sending I mem. to the H. of C. Registered electors in the whole bor., in 1849-80, 487. It is governed by a balliff and constables.

The Rev. Richard Lucas anthor of the Westerned.

with New Radnor and other small bors. In sending I mem. to the H. of C. Registered electors in the whole bor., in 1849-80, 87. It is governed by a bailiff and constables.

The Rev. Richard Lucas, author of the "Enquiry after Happiness," was a native of Presteign, having been born here in 1648. The work now referred to, which has passed through a great number of editions, and is still held in considerable estimation, was written after the author had become blind. (Alkin's Biographical Dict.)

PRESTON, a parl, and mun. bor., market-town, and par. of England, in its own div. of hund. Amounderness, co. Lancaster, on the N. bank of the Ribbie, crossed here by 3 handsome bridges, 19 m. S. Lancaster, and 28 m. N.N.E. Liverpool. Area of parl. bor. (which comprises Preston and Flahwick townships), 3,860 acres. Pop., in 1831, 33,871; in 1841, 50,882. The town, which consists of a broad principal sireet, running N.E. from the river, crossed by several others in different directions, a "well built, well paved, with handsome dwelling-houses and thriving factories; having a perfect drainage, and good roads leading from it." (Bowad. Rep.) The streets are well lighted with gas, and there is an abundant supply of water. The market-place, at the junction of Fishergate and Friargate, contains about 3,000 sq. yds. The public buildings comprise an elegant court-house, erected in 1826; an exchange or market-house, townshill, assembly-rooms, theatre, borough prison, House of Recovery, and a large county pentientiary. The church, originally erected in the 16th century, was rebuilt in 1770; the living is a vicarage, of the annual value of 6681, in the gift of the trustees of Hulme's charity. There are also 7 district churches, chiefly of modern erection, and 4 others have been bullt in the out townships. The places of worship for dissenters comprise 4 for Bom. Caths. (a numerous and increasing body), 2 sach for Wesleyan Methodists, and Independents, with others for Unitarians, Huntandonians, Primitive Methodists, Baptists, Sandemanians

In 1838, there belonged to the town 35 cotton-mills, impelled by a steam power of 1,332 horses, and employing above 7,000 hands. It has, also, numerous hand-loom weavers, though owing to the competition of the power-loom, their wages had failen in 1838 to about 7z. a week at an average. The manufacture of linem cloth, formerly the principal branch of industry in Preston, is still pretty extensively carried on; and in 1838, 6 flax-mills employed about 1,400 hands. It has also numerous from foundries, and other establishments for making machinery and other articles. Leather is tanned in considerable quantities; and there is a small fishery on the Ribble, which abounds with salmon, smelts, and eels. Two banking companies have been recently established, and there are 3 private banks. The Ribble is navigable at spring tides, as far as Preston-marsh, for vessels of 150 tons; but, being ill adapted for sea-borne vessels, it is frequented almost exclusively by coasters. The navi-

pation, however, which is impeded by sand-banks, is in course of being improved by a company incorporated in 1837-28; and it is expected that a depth of 18 ft. water, at ordinary spring tides, will be attained. The river dues produce about 1,000'. a year. The Lancaster Canal, formed in 1796, passes the town; and it is connected with other parts of the co., and of England generally, by the North Union Railway (224 m. in length), which crosses the Ribble on a viaduct of 5 arches, 68 ft. above the river, the Lancaster and Preston Railway, a portion of the great N. West line, the Preston and Longridge Railway, the Bolton and Preston Railway, and the Preston and Wyre Railway, which last connects it with the new seaport of Fleetwood, at the mouth of Wyre harbour, now rapidly rising in importance. Large markets on Saturday, with others on Wednesday and Friday for fash, butter, and vegetables. Great fairs in Jan, March, Aug., and Nov.; the first of which, called the "Great Saturday," is celebrated for its show of horses. Preston is a bor. by prescription, and received its first charter from Henry II. By a subsequent charter, granted by Henry III., the officers of the bor. were authorised to hold a guild merchant for the renewing of the freedom of the burgesses, and other purposes. This privilege is made the occasion of great festivity. For a long time after their first institution, the guilds were held at irregular periods; but they have now for more than a century been uniformly celebrated every twentieth year, commencing on the Monday next after the decolation of St. John, which generally happens in the last week of August. The last was held in 1852. Processions of the corporation, and the different trades in characteristic dressee, as well as of ladies, and interesting, continue for a fortnight. But for civic purposes, the guild books are open for an entire month. Under the Mun. Reform Act, Preston is divided into 6 wards, its mulcipal officers being a mayor and 12 aldermone, with 36 councillors. Corp. rev., in 1848

shiarged the electoral mints, so as to include the township of Fishwick with the old bor. Reg. electors in 1849-50, 2,633.

Preston is supposed to have risen on the decay of the ancient Rerigossism, or Ribchester, a city now reduced to the condition of a mere village, about 11 m. higher up the river; and it derived its name of Prica's-town from the number of religious houses established here, and of which there are still some remains. It was partly destroyed by Robert Bruce, in 1822. In the parliamentary wars of Charles 1., its inhabs, declared for the king, and it was besieged and taken by Sir Thomas Fairfax. In 1715, the Jacobite insurgents took possession of the towa, and erected barricades for its defence; but, after a brave resistance, they were compelled to surrender to the royalist force under General Willes. In 1743, Preston was visited by the Pretender, on his retreat; but he was compelled to withdraw on the approach of the Duke of Cumberland. (Baines: *Hist. of Lancaskire; p. 109.—113.; Pari. and Bosnal. Rep.) PRESTONPANS, a bor. of barrony and sea-port town of Scotland, co. Haddington, on the shore of the Frith of Forth. It derives its name from its having, for a lengthened period, had a number of salt.-works or passe for the production of salt by the evaporation of the sea water, and for the refining of rock salt. The latter branch of the business is now the only one that is carried on. It has, also, a brewery, at which some of the best Scotch ale brought to the Edinburgh market is produced, a soap-work, and two works for the manufacture of coarse pottery. There are extensive oyster beds in the vicinity of the town, whence the Edinburgh markets derive a large proportion of their supply. Morrison's Haven, the port of Prestonpans, about § m. W. from the town, is a small creek, with not more than 10 ft. water at prings.

springs.

Near this village, on the first of Sept., 1745, the royal army, under Sir John Cope, consisting of about 2,100 regular troops, was totally defeated and dispersed, with great loss, by the Highlanders, who were but little superior in point of numbers, under the Pretender. The king's troops being panic struck, threw away their arms, and fied at the first fire, and were cut down almost without resistance. (Johnston's Memoirs of the Rebellion, n. 34... 34.)

PREVESA, a town of Turkey in Europe, prov. Al-

PRINCE OF WALESS ISLAND, 549 St. Lawrence. The town, on gently rising ground, is regularly built, and clean, with about 5,600 inhabs. The court-house, episcopal and Scotch churches, several chapels, the barracks, and the fort, are its only conspicuous public buildings.

This island was taken from the French in 1758. It was annexed with Cape Breton to the government of Nova Scotia in 1763, but since 1768 has formed a separate

colony. (Macgregor's America; Campbell's Report for 1848, 4c.) PRINCE OF WALES'S ISLAND (native Pulo

PRINCE OF WALES'S ISLAND (native PULO-PINANG, 'the Areca island'), an island and British set-tlement in the Eastern Seas, about two miles from the W. coast of the Malay Peninsula, lat. 5° 15' N., long. 100° 25' E. Length, N. to S., nearly 16 m.; breadth varying from 8 to 12 m. Area about 160 sq. m. Pep., in 1836, 38,450, principally Malays. Chinese, and Chuliahs, the Europeans being under 800. The N. part of the island is mountainous, and a range of hills runs through its centre, declining in height as it approaches the S.W. is mountainous, and a range of hills runs through its centre, declining in height as it approaches the S.W. extremity. But two-thirds of the whole surface are level, or of gentle inclination, and, like the hills, covered with woods. The thermometer, in the plains, ranges between 76° and 90° Fahr., and on the higher hills at from 64° to 76°. Except in a few places, Pinang is considered very healthy. Refreshing showers fall at short intervals throughout the year. The elimate of the high lands is said to resemble that of Funchal, in Madeira, The geological formations are primitive. Nearly all the bills are of granite; and the subsoil, where not allovial, is principally the detritus of that rock. Tiu ore is found The geological formations are primitive. Nearly all the bills are of grapite; and the subsoil, where not alluvial, is principally the detritus of that rock. Tin ore is found at the base of the mountains. The island produces a good deal of timber, well adapted for ship-building and masts; and fine fruits; and it is well adapted for the growth of spices. As a commercial mart, this settlement is much inferior to Singapore; but, according to Mr. Newbold, "it bids fair by its plantations of nutmegs and cloves, to render us independent of the spice islands which we have given up to Holland." (Malacca, &c.)

The attention of the agriculturist is now almost exclusively directed to the improvement and extension of the spice-plantations, and dry waste land for that purpose may be obtained from the government on leases of dyears, at a small quit-rent. The annual produce of the staple articles is estimated as follow:

	Art	icles.			Quantities.	Value in Span- iah Dollars.
Nutmegs Mace Cloves	:	:	:	piculs.	400 150 200	12,000 18,200 4,000
Pepper	-			-	16,000	80,000
	Total	ralue				114,200

the military and the convict establishment, amounted to 283,328 rup., leaving a deficit of 74,398 rup.
Province Wellesley, a dependency of this settlement, is a strip of coast land on the Malay peninsula, opposite Pinang, 55m. in length, by about 4 m. in breath. Area, 140 sq. m. Pop., in 1836. 47,555, of whom 43,000 were Malays. It has an undutating surface, chiefy of alluvial soil, and a healthy climate. Its principal products are rice, pepper, sugar, and cocca nuts; and the gross value of its surplus agricultural produce is estimated at 80,000 Spas. dollars. It supplies Pinang with cattle and poultry. These settlements are under the Bengal presidency, and governed by a resident at George Town, and an as-

try. These settlements are under the Bengal presidency, and governed by a resident at George Town, and an assistant resident in Province Wellesley.

George Town, the cap., at the N.B. extremity of Pinang, has a pop. of about 13,000. It is built on level ground, and consists of a long and broad street, interground, and consists of a rong and orond street, inter-sected by others of inferior dimensions. It has a fort, a handsome church, an Armenian chapel, two Rom. Ca-tholic chapels, a court-house, gaol, public school, poor-house, the governor's offices, and the civil and military house, the governor's omees, and the civil and mintary hospitals. An English weekly newspaper is published in the town, and a few shops are kept by Europeans, but the major portion by Chinese. There are cantonments for the native troops near the town. Pinang was purchased by the East India Company in 1786, and Province Wellesley in 1800. (Newbold's Malacca, &c.)

at the entrance of the Ambracian Gulph, 88 m.
V. Yanina. Pop. 4,000? It is ill built, badly paved
irty; but it is in a good situation for commerce,
'as formerly the entrepôt of the trade of Epirus.
e isthmus, connecting the peninsula upon which it
is with the main land, are the remains of Nicopolis,
iting of the ancient walls, a theatre, some baths,
arious other vestiges of antiquity.
INCE EDWARD'S ISLAND, (formerly SAINT
in), an island of N. America, belonging to Great
in; in the Gulph of St. Lawrence, principally heathe 46th and 47th degs. of N. lat., and the 62th and
of W. long., from 20 to 25 m. E. New Brunswickth, of a curved line, passing through its centre E.

the 45th and 47th degs. of N. lat., and the 52d and of W. long., from 20 to 25 m. E. New Brunswick, th. of a curved line, passing through its centre E. about 140 m; greatest breadth 34 m. Area estid at 1,380,700 acres, or about 2,150 sq. m. Pep., 49, 62,678, principally Highland Scotch, Irish, and lan French, with Englishmen, Dutchmen, Ameriand Swedes. A chain of hills of moderate heighty intersects it; but the surface in general is level, most only undulating. It is well watered, and hores are deeply indented with numerous bays, climate is milder than in any of the surround-British colonies, and appears to be favourable to evity. The atmosphere is nearly free from the fogs alent in Cape Breton and the adjacent countries, we then thin vegetable mould the soil is generally or loam, resting on a base of sandstone: there are a swamps, and pine barrens; but these bear only a li proportion to the whole surface. The island in rall is well wooded, the principal trees being spruce, beech, birch, and maple. Oak, ash, larch, &c., are ce, and the quality of the first is very inferior. All is of grain and vegetables raised in England come to ection. Wheat is, at present, the principal object of ntion; but it is an uncertain crop, and the farmer batter terms are cort and barber. Polistos have better trust more to oats and barley. Polatoes have a extensively cultivated; and have had the same misrous consequences here as in Ireland and elsewhere,
s in excellent quality is raised, and manufactured
linen for domestic use. Hemp will grow, but not to
same perfection as in the adjacent colonies. It is
1, though we apprehend the statement must be taken h large qualifications, that had the natural advantages this island been turned to proper account, it might at a time have been the granary of the British colonies, this island been turned to proper account, it might at a time have been the granary of the British colonies, tead of barely supporting a poor and limited populon. Of nearly 1,400,000 acre sontained in the island, by 10,000 are said to be unfit for the plough; but by 216,000 are now under cultivation. The origin of a state of things is ascribed, in Lord Durham's Rerit, to the injudicious grants made to absentee projectors, under conditions that have been totally discarded. "The absent proprietors neither improve land, nor will let others improve it. They retain and keep it in a state of wilderness." (Report, 70.—36.) What land is under the plough is cultited in a very slovenly manner; though the establishmet of an agricultural society of late years has done mething to improve husbandry.

Pastures are good, and suitable for cattle and sheep; ring to the want of proper attention, hogs are said not thrive so well as the former. Live stock used to suffereatly from the ravages of bears, loup-cerviers, and her wild animals; but these are much less numerous we than formerly. The Island has no mines. Its fishies might be of considerable importance; but owing to evant of capital and of a taste for the business, they are Il but wholly neglected, and left to the undisturbed possion of the Americans.

il but wholly neglected, and left to the undisturbed pos-ession of the Americans. A good many ships are built i the colony; 78 yessels of the aggregate burden of 0,634 tons having been built in 1848. These, however, re mostly sold; the agg, burden of shipping belonging the colony on the 1st January; 1850, amounted to 8,330 tons. Total value of exports from the colony, in 849, 55,605t., principally corn and timber: value of im-orts in do, 115,295t. The principal trade is with the ther provs. of B. N. America. Declared value of ex-orts from England to P. Edward's Island, in 1849, 1,421t. Total colonial rev. in 1849, 12,411t. The constitution is nearly similar to that of Nova feetis, and in all civil matters independent of any juris-liction in America. The government and legislature is Il but wholly neglected, and left to the undisturbed pos-

scotta, and in all evil matters independent of any juris-liction in America. The government and legislature is rested in a lieut, governor, a council of 9 mems., and a douse of Assembly of 18 representatives, elected by the scople. The governor is chancellor of the court of chan-ery; the chief justice and attorney-general are appointed by the sovereign; and the high sheriff is appointed anby the sovereign; and the high sheriff is appointed ansmally by the local government. In the supreme court
of judicature all criminal and civil matters of consequence are tried by jury. Cases of petty debt and
oreaches of the peace are decided by special magistrates
and justices of the peace. There are superior schools
in Charlotte Town, and 122 district schools. Total
schools in 148, 182, pupils 4,700. Charlotte Town, the
cap, and seat of government, on Hillsborough river, near
the S. caset has one of the best harbours in the Gulph of the S. coast, has one of the best harbours in the Gulph of

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PROVENCE, one of the former provs. of France, in the S.E. part of the kingdom, now subdivided into the deps. Basses-Alpes, Bouches-du-Rhone, Var, and a por-

the S.E. part of the kingdom, now subdivided into the desps. Basses-Alpes, Bouches-du-Rhone, Var, and a portion of Vaucluse.

PROVIDENCE, a city and port of entry of the U. States, Rhode Island, of which it is the cap., being, also, the second city of New England in point of pop., wealth, and commerce. It stands at the head of the tide-water in Narragansett Bay, about 30 m. from the Atlantic, 40 m. S. S.W. Boston; lat. 41° 50° 40° N., long. 71° 21° 30° W. Pop., in 1840, 23.171. It stands on elevated ground on both sides Providence River, an arm of the bay, here crossed by 2 bridges, one 90 ft. in width. It is a well-built, handsome, thriving town. Its chief public buildings are the state-house, Brown university, and the arcade. The last, which is the finest building of its kind in the Union, was finished in 1828; it is 222 ft. in depth; has 2 granite fronts 72 ft. in width, ornamented with Doric colonnades, and cost, in all, about 183,000 dolls. Providence has numerous churches, schools, and chartable institutions. Brown University, founded at Warren in 1764, and removed thither in 1770, comprises 2 colleges, and is governed by a board of trustees and fellows, all of whom must be Baptists. It has a library of 28,000 vols., and a very complete philosophical apparatus, and is attended by above 180 students. (Amer. Almassack, 1850.) The Friends have a boarding-school here, which has about 200 pupils. There are several literary societies, which possess libraries, &c., and many extensive private seminaries.

Providence is distinguished as a manufacturing town: its cotton factories employ from 12,000 to 14,000 spindles;

seminaries.

Providence is distinguished as a manufacturing town: its cotton factories employ from 12,000 to 14,000 spindles; and it has extensive bleaching-grounds and dye-houses; iron-foundries and machine-factories for the production of cotton machinery; with manufactures of combs, jewellery, glass wares, leather, boots and shoes, soap, candles, furniture, &c. Pawtucket, about 4 m. N.E., is also the seat of extensive cotton manufactures, the products of which find an outlet at Providence. Vessels of the largest burden come close to the wharfs, and the navigation of the bay is not often impeded by ice. In 1849, there belonged to this town 17,720 tons shipping.

Providence communicates with Boston, and with Stonington in Connecticut, by railways; with Worcester

Frovidence communicates with Boston, and with Stonington in Connecticut, by railways; with Worcester (Massachusetts) by the Blackstone Canal; and steamboats of a large class keep up a daily communication with New York. It was originally settled in 1636, by Mr. Roger Williams, to whom is ascribed the honour of having established the first political community in which perfect religious toleration was admitted. It was incorporated as a city in 1831. (Encyc. Americana; Amer. Almanach.)

PROVIDENCE, one of the Bahama islands, which see.

PRUITSSIA on important Function hindure.

PRUSSIA, an important European kingdom between the 49th and 56th deg. N. lat., and the 6th and 23d deg. E. long. The principal the 6th and 23d deg. E. long. The principal part of the Prussian dominions lies continuously along the S. shore of the Baltic, between Russia and Mecklenburg, comprising the N. part of what was formerly Poland, and most part of the N. of Germany. The inland frontier of this part of the monarchy on the E. and S. is sufficiently connected; but on the W. side it is very ragged, some small independent states being almost entirely surrounded by the Prussian dominions. But, exclusive of this principal portion, there is an extensive Prussian territory on both sides the Rhine, divided into the provinces of Westphalia and Rhine. This portion is separated from the rest of the monarchy, or from what may be called the Eastern States, by Hesse-Cassel, part of Hanover, Brunswick, &c. The Canton of Neufchatel, in Switzerland, and some detached territories in Saxony, also belong to

Eastern Prussia has on the N. the Baltic; on the E. Russia, Russian Poland, and Cracow; and on the S. and W. the Austrian states of Galicia, Moravia, and Bohemia, with Saxony, and other German states. West Prussia, or the provinces on the Rhine, have on the N. and E. Hanover and other German states; on the S. France; and on the W. Belgium and the Netherlands. From the extreme eastern frontier of Prussia to Aix-la-Chapelle, in an E.N.E. and W.S.W. direction, the distance is about 775 m.; and from the promontory on the Baltic, above Stralsund, to the extreme southern frontier of Silesia,

in a N.E. and S.W. direction, the distance is 404 m. Owing, however, to the irregularity of the frontier, and the intervention of other countries, these measurements give no information

as to the extent of the monarchy.

The disjointed state of the dominions of Prussia detracts materially from her power. The possession of Warsaw gives Russia a position whence she may attack the very centre of the whence she may attack the very center of the monarchy. An alliance with Saxony would bring an Austrian army within a few days' march of Berlin; and the Rhenish provinces are exposed to be overrun by France. The goare exposed to be overrun by France. The government, aware of the weakness occasioned by the circumstances now alluded to, have systems tically laboured to give a more compact form to its dominions. But they have only partially succeeded; and it is, in consequence, necessary for the public security that the military establishment should be placed on a very imposing footing.

Aggrandisement of Prussia.—The rise of the Prussian power has been rapid and extraordinary. The kings of Prussia are descended from petty German princes, who, in the 14th century, were burgraves of Nuremberg. In Prussia are descended from petty German princes, who, in the 14th century, were burgraves of Nuremberg. In 1415, Signaund, emperor of Germany, sold the marquisate (afterwards electorate) of Brandenburg to Prederick, one of these burgraves, for 460,000 ducats, who, by this purchase, laid the foundation of the future grandeur of his family. (Pfifesi, Histoire d'Allemagne, essue 1417.) In 1515, Albert, margrave of Brandenburg, was elected grand master of the Teutonic knights, who then possessed Ducal Prussia; and by a treaty concluded in 1825, this territory was secularised and erected into a duchy in favour of Albert and his successor. (Pfifesi, 1525.) In 1657, Prussia was acknowledged by Poland to be a free and independent state; and, after other aggrandisements, it was advanced to the dignity of a kingdom in 1700. Part of Pomerania was not long after added to Prussia.

in 1700. Part of Pomerania was not long after added to Prussia.

But notwithstanding these acquisitions, when Frederick the Great ascended the throne, in 1740, his disjointed dominions did not contain 2,500,000 inhabs., who had made but little progress in the arts, or in the accumulation of wealth. But this extraordinary man, with no extrinsic assistance, and by mere dint of superior talent wrested, in the early part of his reign, the valuable and extensive province of Silesia from the house of Austria. He afterwards defended himself, during the seven years war, against the combined efforts of Austria, Russia, and France, and forced these powers to conclude a treaty, by which Silesia was solemnly guaranteed to Prussia. In the latter part of his reign, in conjunction with Russia and Austria, Frederick planned, and partly carried into effect, the partition of Poland, acquiring as his share the increase of territory, an unrestricted communication between the different great divisions of his kingdom.

By these different acquisitions, Prussia, at the death of Frederick, in 1786, had been increased in size nearly a half; while, owing to the superior fertility of the conjoined provinces, and the improvement effected in every part of his dominions, after the peace of 1763, the pophad increased, according to the estimate of the Prussian writers, to about 6,000,000.

Prussia acquired by the subsequent partition of Poland in 1792, and its final dismemberment in 1793, a great extension of territory, including the important city of Dantatic, and upwards of 2,000,000 inhabs. In addition

tension of territory, including the important city of Dantzic, and upwards of 2,000,000 inhabs. In addition Dantzic, and upwards of 2,000,000 inhabs. In addition to this, she acquired the bishopric of Paderborn and the principalities of Bayreuth and Anspach, with several lesser districts in Germany; so that in 1808, according to the statement of Krug, she contained nearly 4,000 goog, so, miles of territory, and a pop. of 9,640,000.

Her disastrous contest with France in 1806, and her approach the profits of the pr

Her disastrous contest with France in 1806, and her subsequent humiliation, are well known. But the spirit of the people was not subdued; and after Napoleon's campaign in Russia, the pop. rose en messe, and the seal and bravery of the Prussians were mainly instrumental in effecting the final overthrow of Napoleon. At the general peace of 1818, Prussia became more powerful than ever. She recovered all her former possessions, except a portion of her Polish dominions assigned to the kingdom of Poland; but this was more than compensated by valuable acquisitions in Saxony, Pomerania, and the Khenish provinces.

Considering, however, the importance of Prussia, as a counterpolar to Busic on the content of the

counterpring, nowever, the importance of Prussis, as a counterpoise to Russis on the one hand, and to France on the other, it were to be wished that her territories were both more extensive and more compact. One of the greatest faults committed by the congress of Vienna was the diminution of the acquisitions of Prussia in Poland. This was to be regretted, as much on account

of the general interests of Europe, which requires that Prussia should be a power of the first order, as of the inhabs, of the provinces separated from her dominions. Divisions and Extent of the Country. Population.

The Prussian monarchy is divided into 9 provinces, and

Account of the Provinces and Regencies of the Prussian Monarchy in 1849, specifying their Extent in Geographical and British Square Miles; and their Population in 1816, 1825, 1846, and 1849.

Provinces and	Regu	cles.		Area in Goog- eq. Miles.	Area in British sq. Miles. 69-15 to a degree.	Pop. in 1816.	Pop. in 1825.	Pop. in 1846.	Pop. in 1849.
Pruseia East: Königsberg Gumbinnen	:	:	:	400-13 290-21		823,104 861,056	675,266 478,640	847,952 632,366	847,588 614,047
Prassia West:				706:34	14,918	874,162	1,151,906	1,480,318	1,461,580
Dantzic Marienwerder	-	:	:	152-28 819-41	1	233,068 325,184	810,244 427,117	405,805 615,300	404,667 621,046
				471-69	9,962	558,242	787,361	1,019,105	1,025,713
Posen : Posen		-		391-68	1 1	570,758	706,396 3125,519	900,430	897,339
Bromberg	-	•	•	¥14·83		243,190		463,669	454,675
Brandenburg :				636-51	11,530	813,948	1,031,925	1,864,399	1,352,014
Potsdam and I Frankfort	lerlin •	:	:	382·51 351·63	ļ	688,300 565,876	802,038 634,882	1,226,866 840,127	1,168,935 860,087
				734-14	15,505	1,254,176	1,456,990	2,066,993	2,129,022
Pomerenia : Stottin Cöslin Stralenni	:	:	:	236-88 256-13 79-02		310,952 234,421 125,988	389,412 298,218 142,312	547,952 434,140 182,981	862,127 448,516 187,068
			_	574-33	19.180	671,361	829,942	1,165,073	1,197,701
Siloola : Breelan Oppein Linguita	:	:	:	948-14 943-06 850-54		764,822 516,619 632,652	903,404 647,399 729,818	1,165,994 987,318 912,497	1,174,679 965,912 921,002
				741-74	15,666	1,914,093	2,280,621	8,065,809	3,061,598
	:	:	:	110·18 188·76 61·74		460,405 485,581 254,477	520,272 558,584 263,231	674,149 784,686 843,617	691,374 742,644 847,279
				460-63	9,729	1,180,415	1,342,067	1,742,452	1,781,297
Mestphalis: Munster Minden Armberg	:	:	:	132·17 95·68 140·11	•	847,557 835,609 874,715	780,054 369,904 427,652	421,044 459,883 564,842	421,935 468,229 579,757
				567-96	7,771	1,057,859	1,176,910	1,445,719	1,464,921
Rhine Province: Cologne Dusselderf Coblentz Treves Aix-in-Chapell	:	:	:	72-40 96-32 109-64 131-13 75-65		394,632 567,922 337,478 288,289 307,394	363,826 652,875 892,573 342,684 836,025	484,593 887,614 499,557 488,699 402,617	497,330 907,151 502,984 492,182 411,525
				487 - 14	10,289	1,845,645	2,087,983	2,763,080	2,611,172
Total a	res and	l inhab.		5,080-48	107,300	10,169,899	12,075,657	16,112,948	16,285,013

To which adding 46,174 for troops out of the country, the total pop., in 1849, will be 16,231,187.

Face of the Cossisty. Mossistias.—The surface of the Prussian states is generally flat. With the exception, indeed, of part of the Hartz Mountains, in the prov. of Saxony, the Teutoburger Wald, and some other mountains in Westphalia and Saxony, the volcanic district in it and the Lower Rhine, and the Riesengobirge, or Giant's Mountains, on the S. W. confines of Silesia, there is no other tract that is more than hilly. Prussia is, in fact, a country of vast plains; and is in most parts so very level, that many marshes and small lakes have been formed by the inundations of the rivers. The eastern, or principal part of the monarchy slopes imperceptibly from the S. frontier towards the Baltic, the shore of which is low and sandy. From this circumstance, and the nature of the soil, which in many places consists of little else than mere loose sand, some geologists have supposed that the sea had at one time overspread the greater part of its surface; and there would seem to be considerable plausibility in the supposition. At a comparatively recent period the country was covered in most parts with immense forests, of which there are still very extensive remains. These, when they belong to the crown, are under the control of the administration of forests. Face of the Country. Mountains.

to the crown, are under the control of the administra-tion of forests.

Soil. — The quality of the soil is very various. In Brandenburg and Pomerania it is generally poor; in many parts, indeed, it consists of tracts of loose barren and, diversified with extensive heaths and moors; but, in other parts, particularly along the rivers and lakes, there is a good deal of meadow, marsh, and other compara-tively rich land. In Ducal Prussis and Prussian Poland, including the nerw, of Posen, the soil consists generally including the prov. of Posen, the soil consists generally of black earth and sand, and is in many parts very superior. But Silesia, and the Saxon and Rhenish provs., are naturally, perhaps, the most productive. The plain of Magdeburg, on the left bank of the Elbe, is, perhaps,

The surface of | the most fertile and best cultivated district of the monarchy.

Rivers and Lakes .- Prussia is extremely well watered. The Rhenish provs. are traversed by the Rhine, while their E. frontier is partly formed by the Weser. The Elbe traverses the Saxon provs.; the Oder, which is almost entirely a Prussian river, runs through the whole extent of the monarchy, from the S. frontier of Silesia to the Isle of Usedom, where it falls into the Baltic. Polish Prussia (or Posen) is watered by the Warths; West Prussia by the Vistula; and Ducal Prussia by the Pregel and Niemen. And besides the above, there are many other large rivers, as the Ems. Moselle, Spree, Havel, Netz, &c.

Owing to the flatness of the country through which they flow, none of the great rivers are interrupted by cataracts, and they are all navigable—the Rhine, Elbe, and Vistula, throughout their whole course in the Prus-The Rhenish provs. are traversed by the Rhine, tered.

cataracts, and they are all navigable—the Rhine, Elbe, and Vistula, throughout their whole course in the Prustian dominions; the Oder is navigable, for barges, as far as Rathoor in S. Silesia; and the Pregel and Niemen to a considerable distance inland. The establishment of steam-packets on these rivers, and the freeing of the navigation of the Rhine and the Elbe from the oppressive tolks and regulations by which it was formerly obstructed. vigation of the whole and the lefter from the oppressive tolls and regulations by which it was formerly obstructed, have already been, and will no doubt continue to be, of vast service to the country. Canals have also been con-structed connecting the Elbe, the Oder, and the Vistula; so that goods shipped at Hamburg may be conveyed by water to Dantzie, and conversely. (See the accounts of the above rivers, under their different names.)

Lakes are exceedingly numerous, particularly in Ducal Prussia and Pomerania. There are also along the coast several large bays, or rather lagoons, communicating with the sea by parrow mouths, and possessing more of the character of freshwater lakes than of arms of the sea. They are denominated Haft, the principal being

the Carische Haff and the Frische Haff, on the coast of Ducal Prussia, and the Haff at the mouth of the Oder. Sesports.— The principal sea-ports are Memel, Königsberg, or rather Piliau, Dantric, Stettin, and Straisund. With the exception of Stettin, or rather of its outport, Swinemunde, the water at these ports is rather shallow, seldom exceeding from 10 ft. to 12 ft. But at Swinemunde there are from 19 ft. to 21 ft. But at Swinemunde there are from 19 ft. to 21 ft. Cimate.— The climate of Prussia is not less various than the soil. Along the Baltic It is moist, and in Ducal Prussia, especially, the winter is long and severe. It is also severe in the S. parts of Silesia, contiguous to the Carpathian Mountains. In N. Silesia, Brandenburg, and the Saxon and Rhenish provs., it is comparatively mild. Minerals than might have been anticipated from its flatness. Iron is the most generally diffused. It is very extensively wrought in Silesia, principally on a count of the crown, but also by private individuas. The iron-works in the Rhine provs., near Dortmoad, Solingen, Iseriohn, &c., and those near Schmideberg. Tarnowitz, Sprottau, &c., in Silesia, are very extensive. Coals are very abundant in the Rhenish provs., Saxony, and parts of Silesia, and large quantities are annually produced principally in the Saxon provs., which also yield considerable quantities of copper, and some silver. Silesia furnishes annually large quantities of zinc, lead, and tin; but the last-mentioned metal is partly, also, supplied by Brandenburg. Amber has long been known as a product of Ducal Prussia. It is principally formed along the low narrow tongue of land between the Curische Haff and the sea.

If we distinguish the mineral products into I. metals;

If we distinguish the mineral products into I. metals; II. combustible minerals; III. stones; IV. clay, sand, earth; V. salt, alum, &c., — we have in Prussia

I. Metala.

Silver, in Sazony (Maarfeld); Westphalia (Siegen); Silesia.

Coper, Sexony i Maarfeld), Westphalia (Siegen); Silesia.

Lead, Silesia, Rhine, Westphalia, Sazony,

Irves and steel, in every province, but principally in the mountain

of Silesia, Westphalia, and Rhine.

Cobalf, Westphalia (Siegen), and Saxony.

Arvans, Silesia.

Culculum and sinc, Silesia, Rhine, and Westphalia.

II Combastible Minerals.

Shiphur, Sliesia.

Amber, Prusia.

Fil.-ced, Nilesia, Westphalia, Rhine, Sezouy.

Bruss-ced, Sazouy and Rhine.

Tref, in every province, principally in Brandenburg.

Ametheet, agete, in Silesia. Ametheet, agete, in Silesia. Alabasier, Saxony, Rhine, Silesia. Alabasier, Saxony, Rhine, Silesia. Sereny, Rhine, Silesia. Volcaic tophus, Rhine province, and very imporpression from, Nilesia. Of sondetone, mill stone, in Filesia, Saxony, W Grinding, or whet-stone, in W estphalia, Silesia. ssa. mer, in Filesia, Saxony, Westphalia, Rhine mer, in Westphalia, Silesia, Saxony. Westphalia, Rhina, Saxony, Brandenburg Gypeum in the same previnces as lim Slate, Westphalia and the Rhine.

IV. Clay, Sand, Earths. av. Cusy, seatt, settles.
Prevaleis certs in Sanony, netr Halle.
Pfpr-day and falter-and. Sileste.
Sond, suitable for the fabrication of glass, in all province
Brick-clay and wars, in all provinces.

V. Salt.

Eitchen selt, in Saxony, Westphalia, Pomerania, Rhine. Alum, Silesia, Saxony, Westphalia, Rhine, Brandenburg. Sallpore, in some provinces.

In 1835, there were produced in the monarchy 184,290 cwt. sinc., 1,653,2:7 cwt. iron, 10,896,433 tons coal, 181,534,150 lbs. salt, &c. The total value of the minerals produced in that year has been estimated at 9,196,366 riv-doll.

Vegetable and Animal Productions .-Vegetable and Animal Productions.—These do not differ materially in Prussia and Great Britain. Rye and wheat, with buck-wheat, oats, barley, potatoes (now very extensively cultivated), and flax and hemp, are the principal products of Prussian agriculture. About 700,000 eimers of very fair wine are made in the Rheniah provs. It is mostly consumed in the country, the exports being so very trilling as not to exceed from 5,000 to 5,000 eimers a year. The average price of Prussian wine may be estimated at from 15 to 20 rix-dollars per eimer. The animals of Prussia are the same with those of this country average that wolves and wild boars which were long animals of Frussia are the same with those of this court try, except that wolves and wild boars, which were long since exterminated in Great Britain, continue to exist in considerable numbers in the Prussian territories.

since exterminated in Great Britain, continue to exist in considerable numbers in the Prusaian territories.

Agriculture. — Down to a comparatively recent period, the state of landed property in Prusaia, and the condition of the occupiers of the soil, was similar to its state and their condition in most parts of continental Europe. The country was mostly divided into pretty considerable estates; and down to 1807, none but nobles or privileged persons could acquire landed property. Such parts of an estate as were not in the immediate possession of the lord were held by occupiers, in a sort of predial slavery, on condition of their paying a certain rent, consisting sometimes of services to be performed on the lord's land, sometimes of services to be performed on the lord's land, sometimes of the delivery of a certain proportion (generally a half) of the produce, and more frequently, parhaps, of both the one and the other. In some places the tenants had acquired a sort of hereditary right to their possessions on their making the accustomed payments, but in other parts the title to the lands they occupied was only for life or for a certain number of years; though, by a most absurd regulation, the proprietor could not then resume the lands into his own hands, but was obliged to re-let them to an occupier of the same grade as the one who had left them! In 1807, however, the regulation which prevented peasants, tradesmen, &c., from acquiring land was abolished; and in 1811 appeared the famous edite which enacted that all the peasants who held perpetual leases, on condition of paying certain quantities of produce, or of performing certain sants who held perpetual leases, on condition of paying certain quantities of produce, or of performing certain services on account of the proprietors, should, upon

Territorial Division of Prussia after the most exact Data.

Provinces.	Arable Land.	Vineyards.	Mendows.	Pasturage.	Forests.	Waste Land.	Water.
Brandenburg - Pomerania - Prussia Posen Siissia Sazony Westphalia Rhine Province -	6,700,000 4,600,000 9,900,000 4,701,100 8,010,000 6,201,000 4,615,000	65,000 60,000 177,000 50,000 130,000 93,000 Vines 54,000 Gardess 350,000	1,435,000 1,700,000 8,690,000 1,650,000 2,150,000 1,600,000 1,131,000	3,250,000 2,240,000 4,480,000 2,350,000 1,416,000 1,110,000 568,714 1,547,000	3,500,000 2,500,000 5,530,000 2,400,000 5,910,000 1,500,000 1,250,000	\$50,000 600,000 493,000 450,000 870,000 840,000 828,000	200,000 635,000 1,580,000 100,000 940,000 130,000 37,000
Total in Morgens - Total in Hectures - Total in Acres -	47,225,716 12,067,670 29,782,444	1,009,176 257,663 636,427	14,246,429 5,637,398 8,984,373	16,922,714 4,328,707 10,551,906	23,780,000 6,071,509 14,996,627	5,591,000 916,854 2,264,629	3,922,844 1,001,580 2,473,908

giving up one third part of the land held by them, become the unconditional preprietors of the other two thirds! And with respect to the other classes of peasants, or those who occupied lands upon life-leases, or leases for a term of years, it was enacted that they should, upon giving up half their farms, become the unconditional proprietors of the sther half! This edict certainly effected the greatest and most sweeping change that was ever peaceably effected in the distribution of property in any great country. It was regarded at the time, and in some respects justly, as a dangerous interference with the rights of individuals. But the abuses which it went to eradicate were so injurious to the public welfare, and were, at the same time, so desply seated, that they could not have been extirpated by any less powerful means. It has given a wonderful stimulus to improvement. The peasantry, relieved from the burdens and services to which they were previously subjected, and placed, in respect of political privileges, on a level with their lords, have begun to display a spirit of enterprise and industry that was formerly unknown.

Formerly, also, there were in Prussia, as there have been in England and most other countries, a great extent of land belonging to towns and villages, and occupied in common by the inhabs. While under this tenure these lands rarely produce a third or fourth part of what they would produce, were they divided into separate properties, and assigned to individuals, each reaping all the advantages resulting from superior industry and exertion. The Prussian government being aware of this, has escoeded in effecting the division of a vast number of common properties, and has thus totally changed the spearance of a large extent of country, and created several tousand new proprietors. The want of capital and the force of old habits rendered the influence of these changes at the outset less striking than many astituse of these changes at the outset less striking than many astiand the force of old habits rendered the influence of these changes at the outset less striking than many anti-cipated: but these retarding circumstances have daily diminished in power; and despite the too great exten-sion of the potato, k may be safely affirmed, that the country has made a greater progress since 1815 than k did during the preceding hundred years.

The frequency of mortgages, and the embarrassed

PRUSSIA.

of great numbers of the landed proprietors, are swever, lousdly complained of. Perhaps the extent evil is exaggerated; and we incline to think, that is no inconsiderable degree ascribable to the institution of land-banks, or rather of associations for the gof money on the security of land. These associates were established with the most laudable in its but the facilities they have afforded of cong debt, coupled with the little risk there is of the half ever being demanded, provided interest behave tempted many individuals to indulge in inerate expenditure, and have made them injurious erate expenditure, and have made them injurious than otherwise

used to be in Prussia an article of universal con ion, occupying the same place there that wheat ies in England, and potatoes in Ireland. But we rry to have to state that of late years it has been, ies in England, and potatoes in Ireland. But we rry to have to state that of late years it has been, reat extent, superseded by the potato, the culture ich has increased with a rapidity to which there is falled. It now, in fact, forms the principal depend of a large proportion of the pop. In proof of this it ugh to state that while the well-informed Prusslan ician, M. Dieterici, estimates the value of the proof the various corn crops in Prussla, inc. wheat, ats, &c., cir cs 1846, at 179, 166,000 th., he estimates the value of the potato crop only at nearly double that or at 341,000,000 th.! This wonderful extension of otato cultivation sufficiently accounts for the rapid use of pop. In Prussla. But it gives, at the same the most unfavourable view possible of the state of the potato crop in the potato crop only at order and the potato crop only at the same the most unfavourable view possible of the state of the local proof of the pop. of the potato crop in 1846. (Le Prusse, son Progrets Politique, 433.) The usual agricultural course is to fallow third year, taking either first a crop of rye, and wheat, or conversely. The greater part of the t shipped at Dantzic is brought from the Polish neces under Russia and Austria. Flax and hemp are rated for domestic use, and also for sale, in all parts monarchy, but especially in Silesia. The best fax is monarchy, but especially in Silesia. The best fax is a monarchy, but especially in Silesia. The best fax is a monarchy, but especially in Silesia. The best fax is a monarchy, but especially in Silesia. The best fax is a monarchy, but especially in Silesia. The best fax is a monarchy, but especially in Silesia. The best fax is a monarchy, but especially in Silesia. The best fax is a monarchy, but especially in Silesia. The best fax is a monarchy, but especially in Silesia. The best fax is a monarchy, but especially in Silesia. The best fax is a monarchy, but especially in Silesia. The best fax is a monarchy, but especially in Silesia. The best fax is a monarchy, but especia

of beet-root and colonial sugar consumed in the earein, or German Customs Union, in the 8 years ag with 1849, that the produce of the former has than doubled since 1842.

	Bestreet Sugar.	Colonial Sugar.	Prop. of former to latter.
548	963, 114 cent.	1,099,841 cent.	11:5
843	124,580	1,212,238	9-3
514	216,390	1,285,959	14-4
845	195,706	1,307,590	13.
846	296,431	1,147,120	20.5
647	373,390	1.263.753	22-1
848	511,784	1,095,491	51-8
440	640 781	950,000	41-8

ussia is supposed to produce about a half of this itity.

usais is supposed to produce about a half of this stept, on the crown estates, there are few farms, t considerable landed proprietors are accustomed to age their estates by stewards; and, as already seen, smaller occupiers are mostly all proprietors. It is ossible to form any accurate estimate of the producness of the soil, differing as it does so very widely in lity, culture, &c. In the most fruitful and best cultival districts, as near Magdeburg, the produce of wheat cknoned at from 14 to 16 scheffe! he morgen (1 scheffe! 6 bushel; 1 morgen = 1.52 acre); whereas, in Branburg and Pomerania, the produce of wheat is not toned at more than from 6 to 10 scheffe! the morgen, produce of rye varies in the best districts from 4 to h. per morgen. But in the sandy and sterile ports of Pomerania, Brandenburg and W. Prussia, the duce is often not more than 2 or 3 sch. per morgen, ent of cultivated land is as various as the crops, ag dependent partly on soil and partly on situation. he immediate neighbourhood of Berlin, the best land is a rent of 15 rix-dollars per morgen; in the country and Magdeburg the root is in general about 10 r.-d. per in Brandenburg, if it be not in the neighbourhood Berlin, the rent is seldom more than 2 r.-d. per morgen; and in the sandy and sterile tracts, it rent is some-ies not more than 1 or 2 silver groschen per morgen. 1; and in the sandy and sterile tracts, the rent is some-es not more than 1 or 2 silver groschen per morgen. Horses, cattle, and sheep are raised everywhere oughout Frusia. The growth of the latter has been late years an object of much attention, particularly in andenburg, Saxony, and Silesia. In consequence of improvements effected by the introduction of merino eep into Germany, the wool of Saxony, Silesia, and some other provinces, has become superior even to that of Spain. The fall in the price of corn, subsequent to 1815, gave a great stimulus to this branch of industry. Wool now constitutes, in fact, the principal article of export from Germany, and has been productive of much wealth to many Saxon and Silesian proprietors, as well as to many in other provinces. The number of sheep in the Prussian dominions in 1843, amounted to 16,235,880, and the total produce of wool to from 90,000 to 110,000 quintals, of which about a third part is exported. In the same year the kingdom had 1,564,564 horses, 5,042,010 black cattle, and 2,115,212 hogs.

Manufactures. — Though more of an aericultural than

black cattle, and 2,115,212 hogs.

Massifactures. — Though more of an agricultural than a manufacturing country, Prussia has greatly distinguished herself, particularly of late years, in various branches of manufacture. The Rhenish provinces, Saxouy and Silesia, are the districts most prominent in this department. Linens and coarse wooflees for domestic consumption are made in every village, and, indeed, in most cottages throughout the kingdom. The linens that are exported are chiefly produced in Silesia, Westphalfa, and the Ermeland, or portion of Ducal Prussia containing the circles of Braunsburg, Heilaberg, Rossell, and Allerstein. The total value of the linen stuffs annually manufactured is estimated at from 35 to 40 millions rixmanufactured is estimated at from 35 to 40 millions rix manufactured is estimated at from 35 to 40 millions rix-dollars, of which afourth part is exported. Hirchberg, and the adjacent towns and villages, are the principal seats of Silesian manufactures. Large quantities of silk and cotton goods, linen, &c., are produced in Eiberfeld, and other towns in the Rhenish provinces. Very superior broad cloth is largely manufactured at Eupen, Malmedy, Berlin. Als. la-Chanelle, &c. Prussia occupies a respectother towns in the Rhemish provinces. Very superior broad cloth is largely manufactured at Eupen, Malmedy, Berlin, Alx-la-Chapelle, &c. Prussia occupies a respectable rank in the production of the useful metals. The total quantity of bar and pig fron annually produced may (1850) be estimated at about 200,000 tons. The articles of hardware, cutlery, &c., made at Iserlohn, Hagen, Solingen, Olpe, Essen, &c., enjoy a high reputation; but in this respect they are very inferior to the cast-iron articles, whether of fancy, ornament, or utility, produced at Berlin: these, as regards beauty and delicacy of execution, are unequalled by any made either in England or any other country. Porcelain, jewellery, watches, coaches, &c., are largely produced at Berlin and other towns. Vast numbers of books annually issue from the presses of Berlin and Halle. Beer and spirits are very extensively produced, and consumed in all parts of the monarchy. The consumption of spirits amounts, in fact, to from 160,000,000 to 186,000,000 quarts, or from about 40 to 45 millions imperial galloms (3°9 Prussian quarts — 1 imp. gall.) Now, it may be worth while observing, as illustrative of the habits of the people, that the entire quantity of British and foreign spirits entered for home consumption in the United Kingdom in 1840, amounted to only 25,517,326 galls., notwithstanding our pop. is about double that of Prussian. Indeed if we take Peace. to only 25,517,326 gails., notwithstanding our pop. is about double that of Prussia. Indeed, if we take Prussia for a standard, the people of the United Kingdom may be said to be temperate in the extreme; for, while the con-sumption of spirits in Prussia amounts, at an average, to about 3 galls, to each individual, the consumption in Great Britain and Ireland is only about three fourths of a gall, ! and we believe that the consumption of beer in

Great Britain and Ireland is only about three fourths of a gall. I and we believe that the consumption of beer in Prussia exceeds its consumption in the United Kingdom in a corresponding proportion.

The principal manufacturing district of Prussia, and, probably of the continent, is in the Rhenish provinces on the Wupper, having Elberfeld and Solingem for its principal towns. It is well supplied with coal and water power; and the inhabs. are alike industrious and inventive. The pop. of Elberfeld, inc. Barmen, has in the progress of many of the other towns and villages in the vicinity has been hardly less remarkable.

Some of the manufacturing setablishments in the Rhine district are on a large scale, employing from 400 to 500 work-people. The first steam-engine used in Prussia was set up in 1780. In 1840, there were about 450 steam-engines in the monarchy, of which above 30 were in Berlin. The wages of the work to be performed, the expense of living, &c. At Elberfeld, weavers earn from 2 to 3 rix dollars, or from 6s. to 9s. a week, working from 10 to 12 hours a day. Children employed in factories make from 3d. to 4d. a day.

We subjoin an official return of the looms at work in the different provinces of the monarchy in 1843, specifying the departments in which they were employed. [See next page.]

ing the departments in which they were employed. Lower next page.]

Commerce. — The exports from Prussia consist principally of corn, wool, timber, Westphallan hams, sinc, flax, bristles, salted provisions, and other articles of raw produce; with linen and woollen cloths, silk wares, iron and hardware, jewellery, watches, and wooden clocks, Prussian blue, spirits, beer, &c. The imports consist chiefly of sugar, coffee, and other colonial products, raw cotton, and cotton twist and stuffs, indigo and other dys stuffs, spices, French and other wines, coals for the use of the ports on the Baltic, salt, &c. The

Account of the Number of Looms for the Manufacture of Slik, Cotton, Wool, Linen, and Stuffs, in the different Provinces of Prussia in 1843.

	Sük.	Cotton.	Wool.	Linen.	Hosiery.	Ribbons.	Coarse * Linens.	Conrae ⁶ Wootlens.
Prusia, east - west - Posen - Brandenburg - Poneraia - Sazony - Westoballa	2,409 52 44 152	83 63 221 8,990 39 21,385 4,513 4,448	282 246 779 5,173 686 2,486 2,734 558	371 640 1,357 4,826 2,230 12,008 4,287 4,810	19 10 6 302 15 281 316 231	6 2 4 4 157 5 5 522 317 960	93,409 18,514 33,377 25,956 39,630 12,630 13,764 25,528	2,365 460 68 114 1,424 572 211 425
Rhine	14,273	10,975	4,967	3,922	2,272	2,145	276,069	5,912

amount of the trade of Prussia cannot, owing to the free system of internal commerce now established in Germany, be ascertained with any precision; but it is very considerable, and is rapidly increasing. Except in dear years, when we are large importers of corn, our trade with Prussia is principally carried on at second-hand through Hamburg, Bremen, and the Netherlands ports. But we have elsewhere shown that the real value of our expects of Prussia may be fairly estimated at pearly 3. exports to Prussia may be fairly estimated at nearly 3 millions a year. (Commercial Dictionary.) Besides the facilities afforded to internal commerce by the rivers facilities afforded to internal commerce by the rivers and canals aiready alluded to, others of a very important nature have recently been furnished. Previously to 1815, the roads in Prussia were, with few exceptions, about the very worst in Europe. They were, in fact, mere pathways, without any artificial construction; and owing to the loose sandy nature of the soil, the wheels not unfrequently sunk in them to the axie, and the carriage was drawn rather through than over the ground. But since the period alluded to, a very great change has been effected. New roads, constructed on the most approved principles, macademised, and equal to any in England, are now carried from Berlin to all the most distant parts of the monarchy. The cross roads have also been materially improved; and every day is adding to the means of communication thus afforded. In all, about 1,200 Germ. miles of road have been constructed about 1,200 Germ. miles of road have been constructed since 1815, three fourths of which have been made at the expense of government, and the rest by the country districts. Mail coaches, which travel at the rate of about six miles an bour, are established along the principal lines of road. They are under the orders of government, and are well conducted. All travelling charges are reguand are well conducted. All travelling charges are regu-lated by a tariff fixed by the police. Railways have been opened, or are about to be, from Berlin to Potsdam, and from Cologue to Mx-la-Chapelle; and others either have been opened, or are in the course of being constructed.

structed. More recently Prussia has been traversed by some very important railways. On the lat January, 1847, the agg. length of the different railways that were then open in the kingdom, amounted to 1,141 Eng. m.; 573 m. were then, also, in the course of being constructed; while plans for 628 m. additional had been adopted. Perhaps, we may estimate the total length of the railways now (1850) epen in Prussia at about 1,800 m.; and but for the disturbed state of the country during the last two years sundry additional lines would have been completed. The state does not interfere with the construction or working of railways; but it reserves power

completed. The state does not interfere with the construction or working of railways; but it reserves power to purchase them at a fair price at the end of 30 years. (Lardner on Railways, p. 469, &c.)
Within the last few years Prussia has prevailed on by far the greater number of the secondary and smaller German states to enter into a commercial league, by adopting a uniform tariff of duties on imports, and establishing a free system of internal commerce. Previously to the adoption of this plan, each petty state had its own custom-house, and its own system of duties and revenue laws: these frequently differed widely from those of its neighbours, so that the internal trade of the country was subjected to all the vexatious restrictions that are usually laid on the intercourse between distant and independent subjected to all the vexatious restrictions that are usually laid on the intercourse between distant and independent states, and was, in consequence, comparatively trifling. But these restraints are now entirely got rid of. Internal custom-houses and separate custom duties no longer exist. Each state participates, in proportion to its popin the amount of the duties collected at the frontiers of the league; and a commodity admitted at any one of the external custom-houses, may be subsequently conveyed, without let or hindrance, from Aix-la-Chapelle to Thist, and from Stettin and Dantsic to the frontiers of Switzerland and Bohemia. It has been supposed by many that this system threatened to be very injurious to the trade of Britain and Germany, just there seems to be no ground whatever for any such apprehension. The freedom of the countries included within the league, than any other measure their rulers could have adopted; and, as

population increases, and the inhabitants become more population increases, and the innaotants decome access
wealth, there will, no doubt, be an augmented demand
for foreign products. Generally speaking, the duties are
moderate. It is, indeed, obvious that were any attempt
made to raise them to an exorbitant height, the facilities made to raise them to an exorbitant height, the facilities for smuggling along the frontiers of the league are so very great that its territories would very speedily be deluged with overtaxed products. And in addition to this signal reform, the tolls and other impediments that formerly obstructed the free navigation of the Rhine to the Eibe are now mostly removed; and there are no longer any exclusive companies, or incorporated guilds or bodies, to obstruct the general freedom of industry and competition.

Shipping. — Considering the extent of sea-coast pos-sessed by Prussia, and the facilities she enjoys for ship-building, the shipping is not very considerable. In 1850, there belonged to the different Prussian ports 977 salling ships, of the burden of 183,658 Pruss. tons, besides 21 steamers; and exclusive, aiso, of small coasting vessels and river boats. Stettin, Straisund, Dantsic, and Konigs-bara are the aminished norts.

ships, of the burden of 183,6584 Pruss. ions, besides 21 steamers; and exclusive, also, of small coesting vessels and river boats. Stettin, Stralsund, Dantsic, and Konigsberg are the principal ports.

Mosey, 2.—Accounts are kept in rix-dollars, or thalers, of 30 silver groschen. Each rix-dollar should contain 257.08 pr. fine silver, afd is worth 2s. 114d., but is generally taken at 3s. The centaer, or quintal of 110 lbs., is equal to 113-381 lbs. avoirdupois. The last, by which ships' tonnage and freights are estimated, contains 4.000 Prussian lbs. One Prussian mile is equivalent to 4.08 English miles. The morgen is equal to 1.52 impacres. For an account of the bank of Berlin, see Berlin.

Races; Population.—The people of Prussla belong mostly to the great German and Slavonian families; the Poles in Posen, W. Prussia, &c. belonging to the latter, and the great bulk of the inhabs. in the other districts to the former. German is the language of the court, and of all the better informed classes in all parts of the kingdom. We have seen that the pop, of the monarchy, exclusive of Neufchâtel, has increased from 10.343,081, in 1816, to 16,331,187 in 1819. As only about 25,000 of this augmentation is due to an enlargement of territory (the Duchy of Lichtenberg, acquired in 1834), it is a more rapid rate of natural increase than has taken place during the same period in any other continental country.

No doubt a considerable portion of this increase may be ascribed to the changes already noticed in the distribution of property. It is more than doubtful, however, whether the influence of this language that plant and the property whether the influence of this language that property, whether the influence of this language that none but nobles could hold land. But, as it may now be held by any one, the system of equal partition will exert that, in the end, it will occasion the too great subdivision of landed property, and an excess of agricultural population.

We regard this as being, next to the extension of the We regard this as being, next to the extension of the potato cultivation, the most formlable of the unfavourable contingencies to which Prussia would seem to be exposed; and unless it be met by the organisation of such a system of poor laws as will make it for the interest of the proprietors to oppose themselves to a too great subdivision of the land, and a too rapid increase of population, the consequences may be most disastrous. Already, indeed, there are in several quarters unequivocal symptoms of an excess of population. This is a matter to which the attention of government cannot be too early and steadily directed.

Government — Previously, to 1992, the government.

Previously to 1823, the Government. remment of Prussia was a pure monarchy. The succession was hereditary in the direct male line; and the prerogative of the prince, which was nearly absolute in theory, was limited

privileges of the different ranks and orthe people, and still more by their inteland the power resulting from their y organisation. During the war which ated in the liberation of the country from mination of the French, the late king ed to grant, on the expulsion of the in-liberal institutions to his subjects. But rformance of these promises was delayed, pretence and another, till 1823, and was ery imperfectly fulfilled by the institution vincial states, whose powers were exceed-circumscribed, and who, also, deliberated rate. An institution of this sort, far from ing the reasonable demands and wishes people, served only to give them more It was expected that on his accession to rone, the reigning monarch would have some important constitutional concesand this expectation not being realised, ms for an extension of popular privileges presented from some powerful bodies; and ame obvious that a change to more liberal itions could not be postponed much longer. red, by which his Prussian Majesty con-d the separate provincial states into a al diet or parliament, vested with very lerable powers. And it is probable, but the events that occurred in France in the e of 1848, that the form of government ished by the ordinance of 1847, would been gradually consolidated and modified to suit the wants and habits of the people.

n, and gave a stimulus to revolutionary iples and projects which the government deither the ability or the power to con-In consequence, the measures of the sentative body assembled at Berlin, inced, no doubt, in a considerable degree by reak and vacillating conduct of the king, a decidedly revolutionary cast. The latter, The latter, ver, disgusted by the conduct of the assemind encouraged by the check given to the hists at Vienna, changed the place of the ing of parliament from Berlin, where it was reat measure at the beck of the mob, to denburg, and then pronounced its dissolu-

the influence of the occurrences in Paris ed the course of this safe and progressive

But fearing, apparently, the consequences iis tardy though necessary step, he, at the time (5th December, 1848), issued the outor programme of a new constitution, in h he certainly bid high for popularity. This titution having been revised was definitively nulgated at Berlin on the 1st of February, and was sworn to by the king on the 6th of same month. It is given at length in the

his constitution vests the legislative power he king and two representative assemblies. first of these, which may be called a senate pper house, comprises 90 mems. elected by oral districts, 30 mems. of the municipal icils of large towns, with princes of the blood l, heads of noble houses, and members named life by the king; but with the proviso that entire number of the latter classes shall not ed that (120) of the first two classes.

he other, or lower chamber, corresponding ur H. of C., consists of 350 mems., who are osen by electors in electoral districts." The tors in these districts are themselves chosen iniversal suffrage, that is, by the votes of all

the principle, the primitive electors are divided into three classes, determined by the amount of the taxes they pay; and these 3 classes of primitive electors, though their numbers be widely different, choose each a third part of the electors who directly elect the representatives. In consequence of this contrivance, the influence of the higher class of voters, or of those who pay the greatest amount of taxes, is not overborne by the mere numerical ascendancy of the other classes, and the chances are that the representative body will be rendered more conservative than it otherwise would have been. It is doubtful, however, whether this arrangement will be permanent.

Members of the first chamber must be 40, and those of the second 30 years of age; but a property qualification is not required in either. chambers are to be annually convoked in the month of November, the duration of the first being limited to six, and that of the second to three years. The freedom of the press is made a fundamental article; and the maintenance of the old, and the growth of a new aristocracy are prevented by the abolition of existing entails,

and their prohibition for the future.

It would be idle to attempt to foretell what may be the fate of this novel constitution. cannot, however, help regretting that the king should have rushed headlong from one extreme to another, and have attempted to establish his government on the delusive basis of universal suffrage. This concession does not appear to have been dictated by any overwhelming necessity; and it appears to have been no sooner made than repented of; and hence the clumsy plan of indirect election by classified electors. Had a reasonable property qualification been adopted, the probability is, that the electors, and consequently, also, their representatives, would have been influenced to a considerable degree by conservative feelings and principles. But an assembly chosen by universal suffrage, even with all the guards that can be adopted, can hardly fail of being actuated by all those sudden and dangerous impulses by which the public mind is so apt to be determined; and there is nothing in the first or upper chamber that appears ade quate to counteract, or even materially affect, the resolutions of the lower chamber. The former is also, in fact, a semi-representative body, and can impart to the Prussian constitution but little of that solidity and security which a more aristocratical and independent body might have given to it. Hence the probability would seem to be, that the new system will not work harmoniously, and that the king and the chambers will, sooner or later, come into collision; a result which will most probably lead either to a republic or a despotism.

But, apart from these considerations, the destruction of the aristocracy and the rapid subdivision of the land, consequent on the law of equal succession, will, we apprehend, be as injurious to the freedom of the people as to their economical condition. Neither a throne surrounded by liberal institutions like what exists in England, nor a republican system like that of the U. States, can be established on the basis of a population characterised by an equality of condition, especially when that condition is one rather of poverty than of well-being. Such a pop. can act only by sudden impulses, and in masses, and can, in fact, be governed only by the sword. We entirely agree with Mr. Laing e Prussians paying taxes (which they all do) in thinking that liberty and equality cannot con-24 years of age. But to modify the effect of tinue to co-exist. (Notes of a Traveller, Second Series, p. 102. Liberty, property, and aristo-cracy may be combined into an enduring system. But liberty and equality of station, or of fortune, is a delusive combination that never fails to be

consolidated into a despotism.

A president, with powers similar to those of a French prefet, and a salary of 6,000 rix-dollars (900L), is placed at the head of each of the nine provs. mto which the kingdom is divided. Each prov. has also a military commandant, a superior court of justice, a prov. director of taxes, a prov. consistory, all appointed by the king. The last is divided into three sections,—one having the superintendence of schools, another of ecclesiastical affairs, and another of the public health. The provs. are subdivided into regencies or counties, and these again into kreise, or circles (arrondissements), and the latter into gemeinden, or pars. (communes). Each regency has a president and an administrative board or council; and the farther subdivisions have also their local and the farmer subdivisions have also their local authorities. The municipal organisation of the towns is more complicated than that of the communes. The principal functionaries are all elective; but the elections must be confirmed by the king or the authorities.

The system of law principally in force in the E. states of the Prussian monarchy is embodied in the well-digested code entitled Landrecht für die Preussischen Staaten, which received the royal sanction in 1791, and became law in 1794; but it is occasionally modified by custom; and Polish, Swedish, and German laws are still in force in certain parts of the monarchy. Rhenish provinces follow, with some exceptions, the rules laid down in the Code Napoleon. The primary proceedings in judicial matters take cles and towns; thence they may be carried be-fore the provincial courts (oberlandes gerichte); and in the last resort before the supreme tri-bunals at Berlin. The judges are independent; and justice is purely and cheaply administered.
Juries are employed in the Rhenish provinces, but not in the other parts of the monarchy. Tribunals of arbitration have also been established in the provinces of Brandenburg, Pomerania, Prussia, Silesia, and Saxony, similar to those established in Denmark (which see), and with the same beneficial results. In 1836, of 13,831 cases brought before these tribunals, in the above provinces (excepting Prussia, front which there are no returns), 11,835 were settled, and only 1,996 sent to the higher courts. In no other country, perhaps, is patronage of so little consequence, and merit so sure to lead to dis-tinction and advancement. Candidates for public employment go through a course of education appropriate to the functions they are desirous to fill; and before being appointed, have to submit to a severe examination as to their knowledge, conduct and fitness for the office. " En Prusse, says M. Cousin, "tous les fonctionnaires sont salariés; et comme ils n'arrivent à aucune fonction qu'après des examens sévères, tous sont éclairés; et comme de plus ils sont pris dans toutes les classes, ils portent dans l'exercice de leurs emplois l'esprit général du pays, en même tems qu'ils y contractent l'habitude du gouvernement."

The king of Prussia is, next to the emperor of

Austria, the most important member of the Germanic Confederation. His contingent to the army of the Confederation is 79,484 men.

Religion. — The royal family belongs to the reformed or Protestant religion; but all denominations of Christians enjoy the same privileges, and are equally eligible tan places of trust or emolument. In 1846, the pop. consisted of 9,635,663 Protestants, 6,046,392 Catholics, 214,867

Jews, and 14,531 Memnonites. The Protestants predominate very decidedly in Brandenburg, Pomerania, Saxony, and Ducal Prussia; while the Catholics predominate in the Rhine province and Westphalia, in the regency of Oppeln, in Silesia, and in Posen. When Silesia was acquired by Prussia, the mass of the pop. were Catholics; but at present the Protestants predominate in the regencies of Breslau and Liegnits, particularly the last. larly the last.

The Protestant church is governed by conststories, or boards appointed by government, one for each province. There are also synods in most circles and provinces, but There are also synoid in most circles and provinces, but no general synoid has yet been held. The constitution of the Catholic church differs in different provinces. In the Rhenish provinces it is fixed by the concordat entered into between the French government and Pope Pius VII. But in every part of the monarchy, the crown has wisely reserved to itself a control over the election of bishops and priests. In the entire kingdom, there were, in 1837, 5,740 ordained Protestant clergymen, and 140 assistant do.: there were, at the same time, 3,510 Catholic priests, and 2,033 vicars, chaplains, &c.; so that the proportion of Catholic clergymen rather exceeds that of Protestants.

The incomes of the clergy are very different. The

of Processands.

The incomes of the clergy are very different. The higher Catholic clergy are paid by the state, the arch-blahop of Breelau receiving 1,70% a year, and the other blahops about 1,136%. The incomes of the parochial bishops about 1,13M. The incomes of the parchial clergy, of both sects, mostly arise from peculiar endowments. Generally government does not guarantee the stipend either of Protestant or Catholic clergymen; but response causer or rrotestant or Catholic clergymen; but in many pars, the clergy enjoy a public provision from the state. This is peculiarly the case in the Rhenish provinces, in virtue of the concordat already alluded to. Proselytim, or the attenuation to indicate provinces, in virtue of the concordst already alluded to. Proselytism, or the attempting to induce a person to change his religion, whether by force or by persuasion, is prohibited by law; and all controversial sermons, or peculiar displays of religious seal, would certainly attract the notice, and incur the displeasure of the authorities. If we except the Rhine province and Westphalia, the pop. of which are bigoted Catholics, perhaps there is in no country less of religious acrimony and contention than in Prussia. For further details as to the religious state of Prussia, set the Parl. Taper drawn up by Mr. Lewis from the official returns furnished by the Prussian government.

of Prussia, see the Fari. I'aper drawn up by Mr. Lewis from the official returns furnished by the Prussian government.

Educations.— Prussia can bosst of possessing a more perfectly organised and complete system of national education than has ever existed in any country. Frederick the Great has the merit of having introduced the system into Silesia, after he had wrested it from Austria; and such of our readers as are curious about these matters, will find in "*Adem's Letters on Silesia," a very full and interesting account of the plans of Frederick in relation to this important subject, of the obstacles he had to encounter in carrying them into effect, and of their result. From Silesia the system has been gradually extended to the other provinces, and is now in full vigour in every part of the monarchy. Attendance at school is enforced by law. Every child, whether male or female, rich or poor, must attend a public school from the age of five years complete, till such time as the clergyman of the par. affirms that the child has acquired all the education prescribed by law for an individual in its station: generally speaking, the school time extends from 6 to 14 years complete. Should a thild not attend, its parents or guardinas must satisfy the public authorities that is receiving an appropriate education at home or in a private seminary. The school fees are exceedingly moderate; and the children of such poor persons as are unable to pay them, are instructed gratuitously at the public expense. According to the census of 1843, the pop. of the monarchy, ex. Neufchatel, was 18,447,440. It is calculated that of this number, 2,992,134 were between the ages of 7 and 14, complete; and it appears from the official returns, that of this number, 2,992,134 includes, as already stated, all the children between 6 and 14 years complete, but the school education of a good many do not to the first of the part of the part of the proper of the health, and other circumstances, a good many do not go to school till they have att

n maturing this system. Nothing has been omitted that could render it perfect. In the schools for the instruc-ion of the masters, the examinations to which they are subjected, and the supervision exercised over every part, he utmost asxiety is evinced to render it as perfect as

ubjected, and the supervision exercised over every part, he utmost anxiety is evinced to render it as perfect as sossible.

No particular religious creed is allowed to be taught nany school; but on particular days, set apart for the urpose, the children are instructed by the clergymen of he different sects to which they belong. Their religious natruction is not, therefore, neglected; while the intersisture of the different sects from their earliest years, na perfect footing of equality, removes all aspertites of religious animosities. All matters relative to the usile schools are managed in each province by a public oard appointed for that purpose; and the expense is charged by government. (For further information as to the Prussian schools, see the work of Joseph Kay, Esq., at the Social Conditions of the People of England and of urpoe, vol. it. passins; Cousin, Sar Flastruction Pasque on Prussia, &c.)

Exclusive of the gymnasiums and superior schools, russia has six universities, those of Berlin, Breslau, onn, Halle, Konigaberg, and Greifswald; and the two mi-universities of Munster and Braunsberg. These e placed directly under the control of the minister of bilic instruction; and much pains has been taken to nder them efficient and useful. The number of profesers and subordinate teachers in the universities is very eat; and we should incline to think that they have been edlessly multiplied. The university of Berlin is best rended, and next to it those of Breslau and Bonn. In 37 there were, at the different universities, 1,196 stunts of Protestant theology, 450 do. of R. C. theology, 5 do. law, 855 do. medicine, and 906 do. philosophy, thing in all 4,431 pupils. At present (1880) the total meter of pupils is about 5,000.

Military Force. — The situation of Prussia, surnoded by powerful states, and with a disjointed terrory, requires for her security a large military force tas the revenue of the country is comparatively liced, it became indispensable to endeavour to organise army so that it might embrace the m

itiary service is universal; every man (vo substitutes or remplacents being accepted of) is obliged to enter the army of the line, or the landterkr (provincial army), between the ages of 20 and 23, as a private, and to serve in one or the other for three years. At the end of this period he may enter the army of the line for a limited period as a volunteer, of which description of recruits it chiefly consists, or return home to prosecute some civil employment, his service in the army having secured for him various privileges. But the individuals whose period of service in the army of the line, or the landsuchr, has been completed, continue bound, on returning home, to serve in the find ban of the landwhen till they be 39 years of age. They are seldom, however, called on to be exercised, and then only for limited periods. The landsturm, or levy consultate, consists of all the men not in the army or the landwher up to the age of 50, and of young men between 17 and 20. This force is only called out in case of invasion. The army of the line amounts at present (1850) to about 122.000, and the list ban of the landsuchr to about 98,000. We borrow from the Budget of 1849-50, the following details in regard to the number and cost of the army. Infastry. — For 8 regiments of guards, 1 battalions guard rifees, 1 ditto of light infantry, 7 battalions of line infess, 40 regiments of the line, 7 reserve battalions (half invalids), 27 punishment companies or sections; in all, 1546 most of the line, 7 reserve battalions (half invalids), 27 punishment companies or sections; in all, 15 pattalions of guards, 28 line (each of four squadrons), in all 38 regiments (ex. Landsuckr), 124 line battalions, 2 reserve to companies, and 1 division of projectile artifacers (each brigade consisting of 8 field batteries of 8 guas each), in all 38 regiments (ex. Landsuckr), 2017 decidiars.

Piomeers (Engineers, Seppers, Mener.) — I guard, 8 line divisions, 2 reserve companies—3,632 men, costing 10,232 rix-doilars.

Piomeers (Engineers, Seppers, M

The reaction of the sections of the section o

Description of To	Description of Treops. No. of Officers and Mon.				Annual Pay.				
shartry, geards and line - avairy " " rtillery " " " ngmeets " " rvalids sudarmerie, lend and merine	:	:	•••••	87,078 23,345 6,945 2,634 2,638 225	R.D. 5,490,868 1,930,514 1,510,014 109,834 163,030 87,573	being		8 0 1 6 4 10 4 5	per men.
				121,849	9,051,245		74:11 - 11	2 3	_

f these 5,444 are officers, 1,427 non-commissioned staff, the remaining 114,978 privates and non-commised officers.

these 5,444 are officers, 1,427 non-commissioned star, the remaining 114,978 privates and non-commissioned officers.

uring the time of exercise of the landweler, 98,340, including 2,956 officers, and 235 medical officers of rms, receive pay, and cost 733,036 rix-dollars. So the estimate for the peace establishment gives a total midture for the year of 9,764,881, exc. a small sum for money, which brings the total to 9,821,216 rix-dolfor the pay of the whole force. The expense of clother above number is set down at 1,427,371 rix-dollars. The landwelf of the regular army and ist ban of the landwelf of

diffuse a military aggressive spirit among the population. But, whatever be its demerita, it is, at all events, clear that it has completely nationalised the arway; which must be always actuated by the sentiments and feelings that prevail among the mass of the people from which it is taken, and to which it is constantly being returned. When, therefore, it is said that Prussia is a "military monarchy," it is necessary to bear in mind that the army is not composed of mercenary troops, but of citizens serving for a limited period, and that it has very little analogy indeed to most other European armies. (For further and ample information as to the Prussian army, see the excellent Essay of the Marquis Caraman, Sur Porganization Militaire de les Prusse, passim.)

Prus-la has no ships of war.

Revenue and Expenditure. — The following is the budget of the revenue and expenditure of the Prussian monarchy for 1845 conpared with 1848. [See next page.]

It should, however, be observed, that the above statement represents only the nett amount of revenue after the expenses of collection are deducted. These are estimated at from 3 to 4 per cent. on the produce of those that are indirect. It will also be observed, that in the account of expenditure nothing is set down for the civil list. or for the supmort of the monarchy and

that in the account of expenditure nothing is set down for the civil list, or for the support of the monarch and his court: a sum of 2,500,000 dolls. is, however, especially

his court: a sum of 2,500,000 dolls. is, however, especially appropriated for this purpose.

The tax on classes is a kind of poll-tax imposed on the inhabs. of the country and towns, according to the amount of their property, and the pop. of the towns. The tax on industry or trades consists of the sums charged for patents or licences for leave to carry on trades, &c. National Debt. — Frederick the Great effected all his extraordinary achievements without contracting any debt, and left at his death a large sum in the coffers of the state. Though his successors were not so economical, still, at the breaking out of the war with France, Prussia

* We suspect there must be some error in this item.

WAYS AND MI	IAND.	Bedust of Expendence	B.	•
Domains, forests Sale of ditto and pines Mines, forges, salt works Posts Lottery Divect texes Editored toos (customs, &c.) Administration of justice Charges on setting the accounts of rural tenures now abolished Hartime Association Company Bundries	1849. Ris-4. 4,643,471 1,000,000 1,117,218 1,000,000 1,107,218 1,000,000 1,107,218 1,000,000 1,107,218 1,107,000 1,107,001 1,107,218 1,107,000 1,107,001 1,1	Defice to the treasury Ministry of ecclesisatical, medicinal, and edu- cational affairs Ministry, interior Ministry, interior Ministry, interior Services of the expense of building, dee, fortresses of Um and Rastatt Ministry of justice Constitutes and Serveta Ditto finance department Ministry of commerce, dec.	1849. Ris-d. 7,549,900 1,716,161 5,779,510 5,489,95- 1,901,473 664,480 22,811,007 6,771,107 6,771,107 115,350 168,940 6,771,107 1,530 100,000 100,000 100,000 5,689,519 300,000 100,000 6,689,519 300,000 100,000 5,689,519 300,000 100,000	1848. Riv-6. 6,881,900 1,949,173 2,741,981 3,741,981 191,738. 731,993 25,181,266 9,754,194 40,754 40,754 40,754 40,754 5,700,000 1,747,432 2,510,546 600,000 1,747,432 2,510,546 600,000 1,747,432 2,510,546 600,000 1,747,549 2,510,546 600,000 1,747,549 2,510,546 600,000 1,747,549 2,510,546 600,000 1,747,549 2,510,546 600,000 1,747,549 2,510,546 600,000 1,747,549 2,510,546 600,000 1,747,549 2,510,546 600,000 1,747,549 2,510,546 600,000 1,747,549 2,510,546 600,000 1,747,549 1

was free from debt. In the course of that contest she was compelled to borrow pretty large sums, which, however, have been considerably reduced since the peace. The public debt of Prussia amounted, in 1850, to 187,160,272 rix-dollars, the interest, sinking-fund, &c., payable thereon being 7,491,073 rix-dollars.

Provision for the Poor. — The question as to the provision for the poor has only become of importance since the abolition of vassalage in 1810. Previously to that epoch they were provided for by their lords. At present poor persons, or those unable to provide for themselves, have a legal claim to support. But it is rarely necessary to resort to compulsory proceedings to enforce this claim, the necessitous being generally provided for by voluntary subscriptions. There are workhouses in most large towns. That of Berlin had, in 1838, an average pop. of founds of the provided for the provided for the second of the provided for the provided

from sol to sol persons; which took as a weerage of ra-dollars a year each.

Food, Dress, Diversions, and Habits of the People.—The food, dress, diversions, and habits of the people are very different in different provs. In general, rye is the ordinary bread-corn. About half a century since the consumption was estimated at from 5 to 6 ch. since the consumption was estimated at from 5 to 6 scheffel per head, but now it is not more than 3 scheffel; scheffel per head, but now it is not more than 3 scheffel; the defect being made up by the increased consumption of potatoes. In many districts, indeed, potatoes are now almost the only regetable food. Besides rye-bread and potatoes, the people use barley, buck-wheat, and milk. In the Rhenish provs., wheat is more extensively used than in the other provs. The wheat cultivated in Prussia Proper and Posen is rather for sale than for inland con-In the other prove. The wheat cultivated in russias Proper and Posen is rather for sale than for inland consumption. Beans and pease are extensively used in most parts of the monarchy. Coffee, mixed with chicory, is extensively used; and on Sundays it is used by all classes; tea is but little used. The consumption of sugar has rapidly increased; and now amounts, at an average, to about 4 lbs. per individual, notwithstanding the substitution of honey for sugar in very extensive districts. The consumption of butchers' meat is considerable, principally in towns. It is estimated over the whole monarchy at from 36 to 37 lbs. a year to each individual. (Dieterici, Statistische Übersicht, s. 234.) But in the towns it may be from 40 to 50 lbs., and in the country, perhaps, not more than from 20 to 30 lbs. In Berlin the consumption of butchers' meat exceeds 100 lbs. per individual; and this, in all cases, is exclusive of poultry, fish, and game. Game, indeed, is only used by the richer families; but fish is an ordinary food of the peasantry in many districts. Poultry, especially geese, are largely used by the common people in Pomerania There is also no want of butter for the peasantry, but the consumption of cheese is greater.

We have already seen that the consumption of spirits is

There is also no want of outer for the peasantry, but the consumption of cheese is greater.

We have already seen that the consumption of spirits is quite immense; it is less, however, in the Rhenish prova, where wine is extensively used, than in other parts of the monarchy. Beer, also, is an ordinary beverage, and the consumption is very great. The consumption of to-

bacco is estimated at 35 lbs. per individual. The common people (males) use, in winter, a woollen great cost, and in summer, a linen coat. Women now begin to be pretty extensive consumers of cotton stuffs; it is still. however, customary for the young female peasants to prepare stocks of linen in anticipation of their marriage. Wooden shoes are worn, but are not so frequent as in France or Ireland; and in bad weather, almost every body is well shod with leather boots and shoes: but in

France or Ireland; and in bad weather, almost every body is well shod with leather boots and shoes: but in fine weather, the common people often go barefoot. Sliks are only used by the wealther classes.

It is usual for the peasants to go to church regularly on the Sunday forenoon; and it is customary for them to spend the evening of the day in diversions of seems out or other, frequently in the ale-house, and in Silesian in dancing-parties. Most little towns have shooting-places; and the meetings of the landwehr for exercise is looked forward to with much satisfaction. (Compiled from Official Documents and Private Information.)

PRUSSIA (PROPER), an extensive and important prov. of the Prussian dominions, divided into the provinces of East or Ducal Prussia, and W. Prussia, having N. the Baltic, E. and S. Russia, Poland, and the prov. of Posen, and W. Brandenburg and Pomerania. Area, 48,974 sq. m. Pop. in 1846, 2,499 423, of whom 1,791,542 were Protestants, 664,053 Catholics, and the rest Jews and Memonites. It is divided into four regencies, and 57 circles. Principal towns, Konigsberg, Dantsic, Elbing, Tilsit, Marienwerder, &c. It consists principally of an immense plain, traversed by the Vistula, Pregel, Passarge, and other rivers, and interspersed with numerous lakes and immense forests. Soil various, but generally ertile, nearticularly the delte of the Vistula and the sarge, and other rivers, and interspersed with numerous lakes and immense forests. Soil various, but generally fertile, particularly the delta of the Vistula and the country watered by the Niemen. Principal products, wheat and other sorts of corn, timber, hemp, and fax, provisions, wool, ashes, &c. Rye is more cultivated than any other sort of grain; wheat is also largely cultivated, but more for exportation than for internal consumption, we hadner the ordinary bread corn. Outs buttered. any other sort of grain; wheat is also largely cultivated, but more for exportation than for internal consumption, rye being the ordinary bread corn. Oats, barley, and peas are also raised; and latterly potatoes have been extensively cultivated. Farming implements defective and ill constructed: the barrows are made of wood, without any iron, even for teeth. With the exception of the crown estates, which are let on lease, but little land is rented. In the circles of Dantzic, Elbing, and Marienwerder, good land fetches, when let, from about 4: 64. to 3s. an acre, the tenant bearing all taxes. But mother districts the rent of the cultivated land does not exceed from 1s. 3d. to 2s. 6d. an acre. The wages of farm labour vary in summer from 4d. to 6d., and in winter from 3d. to 5d., without food; but with a cottage free, or at a low rent, a garden, and pasture for a cow. In harvest the wages are a good deal higher. The peasantry live in wooden or clay cottages, with but few luxuries, principally on potatoes, rye bread, and milk, rarely taxing animal food, but drinking great quantities of spirits and beer. Linen, from flax of their own growth, and wool

spun in their cottages, furnish their clothing. Domestic servants get butchers' meat, generally pork, once or twice a week. Wood and turf are almost every where

rivice a week. Wood and turf are almost every where abundant, and are the principal articles of fuel. Amber is found along the sea-shore, but otherwise minerals are quite unimportant. There are many distilleries and breweries, but, with the exception of Posen, this is the least manufacturing prov. in Frussia.

PSKOF, a government of European Russia, chiefly between the 56th and 58th degs. N. lat., and the 38th and 38d E. long., having N. Petersburg and Novgorod, of each of which govs. it formerly made a part; E. Tver and Smolenk; S. Witepek, and W. Luvonia. Area estimated at 22,154 sq. m. Pop., in 1846, 775,800. The surface is uearly flat, with a slope to the N., the direction Liken by most of the rivers. None of these are of considerable size; but the gov. is, notwithstanding, well watered. At the N.W. extremity is the lake of Pskof, connected by a strait with that of Peipus. Marshes are numerous. The atmosphere is usually damp, though, on the whole, the climate is far from unhealthy. Soil thin, and not very fertile, but more corn is grown than thin, and not very fertile, but more corn is grown than is required for home consumption. A good deal of hemp and fax is raised. The lorests are extensive, and abound with game. Cattle are not of great importance, and bees are less reared than in most provinces.

is required for home consumption. A good deal of hemp and flax is raised. The forests are extensive, and abound with game. Cattle are not of great importance, and bees are less reared than in most provinces. Manufactures have increased during the present contury, but they are still of no great consequence. Pakof is divided into 8 districts; chief towns, Pakof, the cap., Toropets, and Velikie-Louki. Its pop. consists mainly of Russians, with some lithuanians and Finns. Public sducation is little extended.

Pskor, or Plessow, a town of European Russia, cap. of the above gov., on the Velikiais, 166 m. S.W. Petersurg. Pop., above 9,000. It is mostly built of wood, but has two good edifices belonging to the archibishop and the consistory; a number of churches, two convents, and a high school. Its only manufactures are of leather; ut it has a considerable trade in the export of the products of the country. A large annual fair is held here 1 Feb., at which large quantities of woollen, silk, and ofton fabrics, leather, books, jewellery, &c., are sold. Schwitzer, La Russic.)

PUEBLA (LA), a city of Mexico, cap. of the state of sown name, on the declivity of a hill, 76 m. K.S.E. festico, and 125 m. W. by S. Vera Cruz, lat. 190 of 15° ., long. 980 2° 20° W. Pop., 50,000. (Ward.) It is impactly and uniformly built. The streets, which, ough not very wide, are straight, and intersect each hier at right angles, are paved with large diamondaped stoues, with broad and well kept footpaths on ther side. The houses, of stone, are generally two ories high, with flat roofs, having mostly a court in eir center, surrounded with open galleries, and a notain of fine water, conveyed thither by earthen pipes. In high angles in the upper story, the groundaped stoues, with broad and well kept footpaths on inter side. The houses, of stone, are generally two ories high, with flat roofs, having mostly a court in eir center, surrounded with open galleries, and a notain of fine water, conveyed thither by earthen pipes. In high a surround with pa

ish and Frence books.

ny of the inhabs, are wealthy, and have handsome sges drawn by mules; but, like Mexico, the city ns with beggars, a consequence of the want of in-y, occasioned partly and principally by the mildness e climate, but partly, also, by the distribution of sions at the convent doors. It was formerly famous

DL. 11.

Tlascala, Huetxocingo, and other anc. Mexican cities; it also includes Popocatepetl, 17,716 ft. above the sca, being the highest mountain in N. America. (Ward's Mexico,

also ucludes Popocatepett, 17,716 ft. above the sea, being the highest mountain in N. America. (Wava's Maxico, il. 72-74; Poinset's Notes, 5c. p. 51-58.; Humboldt, Bullock, 6c. in. Mod. Traw. xxv.

PUERTA DE STA MAKIA. See ST, Mary's.

PUERTO-REAL, a town of Spain in Andalusia, prov. Cadiz, and on the bay of that name, 5 m. E. Cadiz, and 60 m. S. S. W. Seville. Pop., according to Miffano and Ford, 5,000. It is tolerably well built, with straight, regularly formed streets, crossing each other mostly at right angles, and lined with good houses. The only public buildings are a parish church and 2 hospitals. Fronting the sea is a wharf rising about 14 yard above the level of the bighest tides; and a mole, 50 yards broad, runs out 300 yards to low-water mark, having steps on each side for embarkation at all times of the tide: the whole is of stone, and has a handsome appearance. Near the town are extensive sait-works. The process of manufacture is by evaporation in wide and deep basins, communicating with the sea by locks.

PUNJAB (THE), (country of the Five Rivers), or LAHORE. a British territory of N. W. Hindostan, between the 28th and 35th of N. W. Hindostan, between the 28th and 35th degs. N., and the 70th and 78th degs. E. long., comprising the country between the Indus on the N. W., the Himmalaya mountains on the N. E., and the Sutledge on the S. It is of a triangular shape, its apex being at the S. W. extremity. It has on its N. W. frontier the Caubul territories, N. E. Thibet and Ladakh, and S. W. Hindostan. It derives its name from its being Hindostan. It derives its name from its being thindostan. It derives its name from its being watered by the 5 great arms of the Indus, viz., the Jhylum, or Behul (an. Hydaspes); the Chenab (an. Accsines); the Ravee (an. Hydraspes), and the Sutledge (an. Hysudrus), with its tributary, the Beas (an. Hyphasis). Area estimated at 125,000 sq. m. Fop. probably 4,500,000, chiefly Sikhs, Jauts, Rajpoots, Hindost of low ester and Mussulmen.

Hindoos of low caste, and Mussulmen.

Nearly the whole country is flat: it is in many parts fertile, especially along the banks of the larger rivers; but it also comprises some wide, sandy, and barren tracts, especially between the Indus and Hydaspes. Cultivation generally increases and improves as we proceed eastward. Of the 4 divisions of the Punjab E, of the Hydaspes, the two nearest to that river are principally depastured by herds of oxen and cattle; and that most to the E. is the best cultivated. Sir A. Burnes says, "there is, perhaps, no inland country which possesses greater facilities for commerce than the Punjab, and there are few better supplied with the products of the mineral, vegetable, and animal king-doms. These relieve it from any great de-pendence on external resources. The wheat and barley of the plains are expended within the country; and such is the number of horses, that gram, bajree, and other grains reared in a dry soil, are imported. Rice is exuberantly produced under the mountains; but it is not a diet which suits the palate of the people. The cane thrives luxuriantly, and sugar is manufac-tured for exportation. The smallness of its stalk is remarkable; but it is said to produce the most saccharine fluid, and is p eferred to the thicker caues of India. Indigo is reared E. of Lahore, and exported to the Mohammedan countries westward. A valuable oil is extracted from the strsya, or sesamum plant, and used both for the lamp and culinary pury, occasioned partly and principally by the mildness of climate, but partly, also, by the distribution of sions at the convent doors. It was formerly famous manufactures of coarse woollens, cottons, glass, mware, soap, &c.; but most of these have declimed the decrease of the trade formerly carried on with ilco, Callao, and the other ports on the Pacific, nanufactures of glass and earthenware, however, ip their reputation, and the soap made here is sent it parts of Mexico.

Puebla was founded by the Spanlards. The state ch it is the cap. comprises the town of Cholula, DL. 11.

posit or sait on the verge of the industrials towards Mundi, but of an inferior description. In the same vicinity, it is said, some mines of coal have been discovered; and there are also extensive mines of iron. The sait range, and the other high lands, yield alum and sulphur; and nitre is gathered in large quantities from the plains." (Bokhara, &c., iii. 316-322.)
The climate in the N., though hot in summer, is as cold in winter as that of France and central Europe, and is never sufficiently warm to mature the most valuable products of Hindostan. Rice is grown in the valleys, but in limited quantities, the usual food of the pop. being wheat or peas, made into a thick soup; and according to Sir C. Trevelyan (Parl. Rep. on India, 1840), the Punjab does not produce sufficient sugar for its own consumption, but imports it from British India. Mr. Elphinstone, who travelled both in the N. and S. parts of this country, states that not one third part of the surface seen by him was

not one third part of the surface seen by him was under tilinge; and there can be no doubt of the correctness of his statement, that, except near the rivers, no part of the Punjab will bear a comparison for productiveness with Hindostam. (Elphinstone's Caubid, 1. 109.)

The plains, which are diagonally intersected by so many rivers, might be successfully irrigated by canals; as is proved by the existence of some, and the remains of many others, the work of the Mogul emperors. The country abounds in cattle and horses, though the former be small and ill-conditioned, and no attention The country abounds in cattle and horses, though the former be small and ill-conditioned, and no attention be paid to the breed of either. The salt mines, which were opened at a very early date, are one of the most productive sources of revenue. Burnes states that they yield about 800,000 maunds a year. The salt was sold at 2 rupees the maund, or at a third part of the price of that of Bengal; but the profit to the government amounted notwithstanding to 1,100 per cent. I (Berrace.) The remainder of the public revenue, which amounted to about 2§ crores rup, was principally derived from exorbitant taxes on land and agricultural stock. Moorcroft mentions a neculiar method of assessing the land tax. bitant taxes on land and agricultural stock. Moorcroft mentions a peculiar method of assessing the land tax, adopted, in his time, between the Beas and Sutledje, by a collector who had been chief financial minister to Runjeet Singh. "A given quantity of earth was put into a fine mualin sieve, and washed with water until all the mould was carried through, and nothing but the sand left, and, according to its proportion to the whole, a deduction was made from the assessment. Four rupees for 3 begas was the fixed rate for the rich soil; 3 lif it contained one fourth of sand; 2 if it had a half; and 1 where the sand was three fourths the quantity. The general character of the soil of the Punjab, composed chiefly of mould and sand, renders this mode of appreciating its assessment more correct than might be supposed, and it was, at any mand, reducer than might be supposed, and it was, at any rate, preferable to the old plan of assessing the land according to the estimated out-turn of the standing crops." (Moorcroft's True. is the Himalayas, vol. i.

As respects the commerce of the Punjab, the staple commodities are the shawls of Cashmere, which reach India and Europe wholly through this channel. The annual revenue from the shawl manufacture, exclusive annual revenue from the shawl manufacture, exclusive of every expense, is rated at illacs of rupees, though, from frands of all kinds, this sum greatly exceeds the amount that actually reaches the tunneaury. It is a curious fact, that the silks or the unknown in the Punjab, though the silks of the immediately adjacent state of Mooltan have a high reputation in India. The natives in the E. of the Punjab excel in the manufacture of cotton, and their looms furnish white cloth at from ½ to 1 rupee a yard, which, though inferior in appearance to that of British manufacture, is stronger and more durable. There is a considerable demand for foreign copper, brass, tin, and lead; all kinds of British hardware and woollens are much prized. There is a considerable morration of Buroneau prized. There is a considerable importation of Buropean articles; and British chintzes have wholly superseded those of Mooltan.

The Punjab is interesting to the classical scholar, from its being the theatre of Alexander the Great's

have been very imperfectly explored. A range of hills, extending from the Indus to the Hydaspes, formed entirely of rock-salt, furnishes an inexhaustible supply, and, being a close monopoly, contributes to enrich the ruler. It is in general use throughout the country, and most extensively exported, till it meets the salt of the Sambre lake in Rajpootans and the Company's territories. There is another deposit of salt on the verge of the mountains towards Mundl, but of an inferior description. In the same vicinity, it is said, some mines of coal have been discovered; and there are also extensive mines of iron. The salt range, and the other high lands, yield alum and sulphur: his indian expedition occurred, are far too indistinct to allow of any certain conclusions being deduced from them. The Sikhs, now the ruling race in this quarter, originated as a Hindoo sect, about the middle of the 15th century, and remained in a turbulent feadal condition till early in the present century. About that period, Runjeet Singh, having subdued the other Sikh chieftains, established a despotism; which, though far behind the governments of Europe, was yet far in advance of most native governments in the East. He maintained an army of about 25,000 regular infantry, drilled as Europeans 5,000 regular cerelieval antilly. established a despotism; which, though far behind the governments of Europe, was yet far in advance of most native governments in the East. He maintained an army of about 25,000 regular infantry, drilled as Europeans, 5,000 regular cavalry and artillery, and, perhaps, 60,000 irregular brossemen. His government was vigoroons, without being either cruel or unnecessarily severe. After his death, which occurred in 1889, and the assassination of his son and successor, the country became a prey to all sorts of anarchy. At length, its 1845, the several chiefs so far composed their differences, as to invade the British territories with a powerful and well-appointed army; but being defeated in a series of engagements, concluding with the battle of Sobraon, a treaty was concluded with them in 1846. They appear, however, to have entered into this treaty rather to gain time than with any other object, and, in 1848, they again attacked the British. On this, as on the former occasion, they displayed the greatest braver; and the contest with these was most severe; but being completely defeated and dispersed in the battle of Goojerat, the country was finally occupied by our troops, and incorporated with 'our territories, in 1849.

PUTNEY, or POUTIVL, a town of Earopean Russia, gov. Koursk, cap. distr., on the Seim, a tributary of the Duleyr, 100 m. W.S.W. Koursk. Pop., 9,000.

PUTNEY, a par, and village of England, co. Surrey, on the Thames, 4 m. W.S.W. Hyde Park corner. Area of par. 2,800 acres; pop. of do., in 1841, 4,864. The Duleyr, 100 m. was the health of the river, by a wooden bridge erected in 1729. The par. church, of an ancient date, was in great part rebuilt in the reign of Henry VII.; here, alse, is a place of worship for dissenters, an endowed school for the sons of watermen, and 2 national schools. Putney is a station on the absular of the Thames a little to the E of the content of the park of the country o

nas a constant intercourse with the city by means of steamers.

A college was lately established, in a fine situation on the banks of the Thames, a little to the E. of the village, for the education of civil engineers. The instruction in it is good; it is well attended; and it is well and economically conducted.

The greatest of English historians, the illustrious author of the "Decline and Fall of the Roman Empire," first saw the light at Putney, on the 27th April, 1787. (Lygon's Enseirons, 1. 296., and Private Information.)

PUY (LE) (an Reversion and Private Information.)

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St. Ettenne. Pop., in 1846, 18,522. It stands on a steep acclivity, and has, when seem from a distance, a picturesque appearance; but, in reality, it is ill-built, and the streets, which are narrow, dirty, and ill-paved with smooth pleces of lays, are frequently impracticable for vehicles of any kind, and even dangerous for foot-passengers. Lately, however, the commerce of Le Puy has revived, and the town has been a good deal improved. The cathedral, in a very conspicuous situation, a Gothic structure of the 10th century, has a richly ornamented sitar, on which is a statue of the Virgin brought by Logis 18. cathedral, in a very conspicuous situation, a Gothic struc-ture of the 10th century, has a richly ornamented altar, on which is a statue of the Virgin brought by Louis IX. (St. Louis) from Egypt, and presented by him to the city in 1354, on his return from his unfortunate expedi-tion to that country. Adjacent to the town is a very sin-gular needle-shaped rock, about 200 ft. in height, on the summit of which another church is erected. Among the other public buildings are the negotiers. summit of which another church is erected. Among the other public buildings are the prefecture, a handsome new edifice; a public library, with 5,000 vols; townhall, bishop's palace, seminary, college, hall of the tribunal of commerce, 3 hospitals, barracks, and theatre. Le Puy has a tribunal of original jurisdiction, a chamber of manufactures, a commercial college, normal school, a sciety of agriculture, science, and arts, gratuitous courses f geometry and mechanics, applied to the arts, and a nall museum of aniquities and paintings. It is cele-rated for its manufacture of white and black lace. Le ur is very ancient, but its origin is uncertain. It suf-

ol is estimated at 90,000 kilogr. Chesnuts, timber, , wainst oil, and cheese, are among the principal es of its weslth. Puy de Dome yields lead, anti-, coal, granite, &c. Its manufactures, which are y confined to the arrond of Thiers and Ambert, it in the former principally of cutlery and hardware, leather, wax lights, &c.; and in the latter, of m, linen, and cotton goods, lace, and paper. It divided into 5 arronds.; chief towns, Clermont-oid, Ambert, Issofre, Rioes, and Thiers.

RENERS, a lofty chain of mountains in S.W. e, separating Spain from France, and which, taken argest extent, may be regarded as attretching from

argest extent, may be regarded as stretching from Croux, in Spain, on the Mediterranean, near the or of France, W. to the coast of Galicia, a distance at 650 m. It is more usual, however, to confine the that portion of the chain which separates Spain rance :

Pyrene celes nimbosi verticis are Divisos Celtis late prospectat Ibes Atque saterna tenet magnis dives

Division Cettis late prospectat flowes, Aque severas asset magais devents terria."

I thus restricted, the chain terminates on the W. enterrabla, between lat. 42° 10' and 43° 20' N., and 20' E. and 2° W., its length being ahout 270 m., uge breadth about 28 m., and the area about 1,100 Ihis great range may be considered as consisting s, both having the same direction, though not in inued line, the point of division being formed by d'Aran, near the head waters of the Garonne, of 3 W. part is more southerly than that to the E. peccarpment is on the side of Spain; the clope France being much more gradual, owing to the 1 of the level districts about the Adour and Galt may be remarked, also, that the French valid the creat of the chain by easy steps, more or , while the opposite side presents a continued no frugged chasms, abrupt precipiecs, and huge naked rock. The chain at each extremity deards the sea; but the fall on the E. is much den than on the W.; the elevation only 50 m. Mediterranean being 8,000 ft., whereas, on the ide, this altitude is not found nearer than 70 the coest. The following table gives the polevation of the principal summits of the Fyree top next col.]

elevation of the principal summits of the Pyre-et op next col.]
mits marked with an asterisk, which comprise lighest points of the chain, are on its 5. face.
Found, as in the Alps, on some of the higher; but these masses of permanent ice are much fve, the point of perpetual congelation being of 10,000 ft., or about 2,000 ft. higher than in difference owing chiefly to the viginity of the raide

r side eys of the Pyreness are numerous, and of aformation; for, whereas the depressions of

remark? by the way, that it was here, on the 19th of at the desciative experiments recommended by Passis, at the desciative experiments recommended by Passis, the weight of the sit, and its inflamence on the beight of the way of the same of the s

				1	Lat.		Ú	Lang.	Height in feet.
Le Canigon	-		14	490	31	N.	40	27 R.	9.141
Pic Podrona				414	34		1	56 -	9.514
Pic de Serrere	-			42	39		i	20 -	-9,616
Montcalm		-		42	41	=	3	50 -	10,663
Pic des Estats	*			42	40	_	1	28 -	10,611
Carabionles		-		42	42	\equiv	0	37 -	10,545
Troumouse	*	14.	-	42	43	_	0	15 -	10,496
*La Maladetta,	or Pic-	de N	éson	41	36	_	0	47 -	11.424
Pic Ponets				42	40	_	0	31 -	11.977
*Mont Perdu		-		1.0		4	10		11,168
Pic de Casande		-		100		-			10,748
Do. Vignemi	ale.	-		49	46	_	0	4 W.	11,001
Do. Soube				42	49	_	a	91	10,976
Do. Midi de	Bigory		- 4	44	85	_	n	19 -	9.544

the Alpine system run from 40 to 70 m. nearly in the direction of the chain, all the great valleys of the Pyrenees are transversal, taking their origin at a col in the crest, and running N. and S., almost at right angles with the main ridge. The largest valleys are found in the central Pyrenees, the principal being those of the Garonne and Lavedan, each of which is from 40 to 50 m. in length. These transverse valleys are commonly the beds of rivers, or rather torrents; which, in the wider and less clevated parts, take a slow and serpentine course, but in the deflies become rapid and impetuous torrents, often interrupted by cascades, and soveral of those in the chiefe so of the valleys, and several of those in the central Pyrenees. valleys, and several of those in the central Pyrenees, which are sheltered from the sun, are perpetually covered with ice. Some valleys, also, instead of running in a deep and narrow defile, or a series of little basins, more or less extensive, rising by degrees to the height of the central vides reserved in the central vides reserved. the central ridge, present at their origin a single basin, surrounded on 3 sides by a lefty wall of rock, and open-ing by a narrow gulley into the vale below; and these natural amphitheatres, or cirques, as they are termed (the principal of which is that of Gavarnia, in the valley too principal of which is that of Gavarina, in the valley of Barêges), constitute the grandest and most distinctive features of the Pyrenees. About 50 passes are formed through the valleys now noticed; but by far the greater number are practicable only for the peasantry, and contraboratists, who are found in all parts of the Pyrenees. There are only 5 good carriage reads over the chair. Trabamdiats, who are found in all parts of the Pyrenees. There are only 5 good carriage roads over the chain:—I. the Col de Pertus, the extrême E. pass between Perpignan and Jonquera, practicable at all seasons, and by all kinds of vehicles; 2. the Pass of Puymoreins, leading from the valley of the Seine to that of the Arriage (6,298 ft. high); 3. the Port de Caufrane, between Pau and Saragossa (6,713 ft.); 4. the Port de Roncevaux, between St. Jean and Pampeluna (6,771 ft.); and 5. the Pass of Bidassoa, along the high road connecting Burgos and Vittoria with Bayonne. The first and lest of these passes are those most generally used by travellers between Spain and France. The two highest passes are the Port of Or (9,943 ft.); and the Breben de Roland (9,856 ft.); they are practicable only during about 2 months of the year.

The geology of the Pyrenees is still very imperfectly The geology of the Pyrenees is suit very impersectly known. The extest of primitive rock is smaller than in the Alps; but its arrangement is very peculiar; not in isolated masses, bursting here and there through the transition and secondary formations, but in a band or zone running in the direction of the chain, but only occasions. ransition and secondary termations, but m a uam or zone running in the direction of the chain, but only occasionally falling in with the crest or central chain; the grantie in the W. section is on the S., and in that to the E. on the N. side of the main ridge. The primitive formation is extremely simple, consisting of three rocks only, granite, micaceous schist, and primitive lineatone, which, together, form a pretty continuous band, stretching three foirths across the istimus. The transition rocks, comprising the great bulk of the mountain system, are arranged in vertical bands flanking the primitive formation, and consist of argiliaceous schist, schatose and common granwacké, with blue limestone; these strata occur mostly on the N. side, the beds S. of the primitive formation being chiefly secondary rocks, as red sandstone, Alpine and Jura limestone, &c. The colite and chalk formations are found in the lower parts of the chain on either side. The existence of volcanic action is proved by the trap and other similar formations, interspersed in by the trap and other similar formations, interspersed in by the trap and other similar formations, interspersed in different parts of the chain; by the peculiar manner in which many of the strata are upheaved; by the frequency of earthquakes on both sides of the range, and by the abundance of thermal springs, especially in the valleys on the French side of the Pyrenees. The most cele-brated springs are those of Bagnères de Bigorre and Barrège, Bagnères de Luchon and St. Sauveur; all of which are visited, during the summer months, by per-sons labouring under rheumatism and chronic disorders. sons labouring under rheumatism and chronic disorders, as well as by others in search of pleasure and picturesque

scenery.

Iron, copper, zinc, and lead are found in the Pyrenees; but, with the exception of iron, these ores are not wrought, though it be a well-known fact that great mineral riches were extracted from these mountains by

PYRENEES.

the Carthaghians and Romans. Indeed, there are the remains of 300 or 400 deserted mines in different parts of the Pyrenees, some of which are said to be very rich. The veins of marble are numerous and valuable, one of them, a white marble, being equal, in purity and closeness of texture, to that of Carrara.

The flora of the Pyrenees comprises the rhododendra, the alpine rose, and a large variety of plants common to high elevations; the principal forest trees being the box, fir, pine, and, in lower situations, the deciduous cak. The fauna comprises the taxard, a species of chamois, the wolf, and the bear; with a variety of birds, many of which are migratory;

wolf, and the bear; with a variety of birds, many of which are migratory.

The Pyrenees give rise to numerous rivers. Those on the N. side comprise the Adour and its tributaries, the Pau, Oleron, Seison, Nive, &c.; the Garonne, with the Gers, Arriège, and others of its affluents, all sending their waters into the Bay of Blescy; and the Aude, the Tet, and the Tech, falling into the Mediterranean. The rivers descending from the S. slope are mostly tributaries of the Ebro, the principal being the Arragon, Gallego, Cinca, and Segre, all of which have numerous branches; the other rivers of this slope are the Ter and the Lobregat, the latter flowing into the sea close to Barcelona.

Cinca, and Segre, all of which have numerous branches; the other rivers of this slope are the Ter and the Lobregat, the latter flowing into the sea close to Barcelona.

With respect to the scenery of the Pyrenees, as compared with that of the Alps, Mr. Inglis observes, that each has its peculiar charms, but that scenes of savage sublimity are more frequently met with in Switzerland than in the Pyrenees; the N. lat. of the former, as well as the greater size of its rivers and lakes, adding to its features of wild grandeur. The Pyrenees, however, appear to exceed the Alps in elevation, owing to the much lower level of the valleys, as compared with those of Switzerland, some of which are nearly 4,000 ft. high, while those of S.W. France scarcely exceed 2,000 ft. The presence of oaks, also, in the forests, ciothing the sides of the mountains, gives a beauty to the Pyrenees which is wholly absent on the fir-covered steeps of the Alps. But, however worthy of the traveller's notice, these valleys will probably never become the frequent resort of the tourist, because access to them is extremely difficult, and the accommodation for travellers worse than indifferent; while Switzerland, accessible in several directions by good roads, is visited not only on its own account, but because it is the high road to Italy. (Inglis's Switzer, France, and Pyrences, p. 942-5.)

The mountaineers of the Pyrenees are shepherds, and small proprietors both of land and cattle; but owing to the deficiency of nutritious vegetation, their condition as graziers is far inferior to that of their brothers of the Alps. They are patient and industrious, though seldom raised above want; besides which, they are in every thing, but especially in food and cothing, more simple

graziers is far inferior to that of their brothers of the Alps. They are patient and industrious, though seldom raised above want; besides which, they are in every thing, but especially in food and clothing, more simple and primitive than the Alpine mountaineers, than whom, however, they are unquestionably handsomer and more vigorous. Their food usually consists of rye or barley bread and paste, made from indian corn, with, occasionally, saited kid's fiesh and pork. Mr. Inglis speaks favourably of their character for kindness and generosity; adding, also, that "crime of every description is rare in the Pyrenees, theft very unfrequent, and murder altogether unknown." (P. 249.) On these mountains sound the extraordinary race of people, called Cagots, distinguished by their sailow and unhealthy counternances, stupid expression, want of vigour, relaxed appearance, imperfect articulation, disposition to gottres, and inferior share of mental capacity. They live in the most retired valleys, secluded from and studiously avoiding intercourse with the rest of the inhaba, by whom they are looked upon as a degraded race: and though they are looked upon as a degraded race: and though they are looked upon as a degraded race: and though they are looked upon as a degraded race: and though they are looked upon as a degraded race: and though they are looked upon as a degraded race: and though they are looked upon as a degraded race: and though they are looked upon as a degraded race: and though they are looked upon as a degraded race: and though they are looked upon as a degraded race in the looked with those who live around them, but the remnant of a different and more ancient fimily." The origin of this curious race is hidden in obscurity; but M. Ramond and others conceive them to be the miserable remains of the Germanic conquerors of the Spanish peninsula.

The Premees, which seem to have been known to the

race is hidden in obscurity; but M. Ramond and others conceive them to be the miserable remains of the Germanic conquerors of the Spanish peninsula.

The Pyrenees, which seem to have been known to the Greeks under the name of Ilegira, are connected with many important historical events. Hannibal crossed them on his way to Italy, at the heginning of the second Punic war, most probably by the pass of Pertus, near the E. end of the chain. Julius Cassar also traversed them with his army, when marching into Spain against Pompey. Charlemagne carried his victorious arms over these mountains, and added Spain to the empire of the Franks. Edward the Black Prince led his army over one of the western passes, when fighting in defence of Peter the Cruel against Henry of Trastamare; and these mountains have obtained a more recent celebrity from having been the scene of several obstinate struggles between the French and Rnglish at the close of the Peninsular war, the result of which set in a striking point of view the great military talents of the Duke of Weilington. (Les Pyrénées, par Chauseneque, p. 9—43.; Palasson, Elistoire Nat. des Pyrénées, 2 vols. passim; Encycl.

Metrop., art. Pyrences, by the Rev. G. C. Renoused :

Metrop., art. Pyrences, by the Rev. G. C. Bensons of Miliano, Inglis, 3c.

PYRENEES (BASSES), a frontier dep. of France, reg. S. W., formerly comprised in Gascony, Bearn, and Navarre; between lat. 42° 47° and 48° 26° N., long. on and 10 48° W., having N. Landes, E. Hautze-Pyrences, S. and W. Spain, and N.W. the Bay of Biscay, on which thas a coast-line of about 25 m. Area, 746,490 beet. Pop., in 1846, 467,832. The Pyrences bound this depon the S.; their highest point in this part of the range, the Pic du Midi, being 9,546 ft. in height. Their ramifications cover the greater part of the dep., which is traversed by the rivers Gave de Pau, Oleron, Bidouxe, Niève, &c., tributaries of the Adoux, and flowing N.W. Small lakes, mineral springs, &c., are very mamerous. Except on the mountains, the climate is temperate and healthy; the soil in the lower parts of the country is very fertile, while the mountain sides are overed with fine pastures and forests, which maintain great numbers of cattle and hogs. In 1834, 186,233 hectares of the surface was said to be arable, 65,354 in artificial meadows, 23,175 in vineyards, 130,172 in woods, and 240,732 occupied with natural pastures, health, wastes, &c. (Prench Official Tables.) "Between Betharam and Pau, the country is beautiful. We are traversing the rich vales of Bearn, every inch of land is cultivated, and the road is a constant succession of villages and houses. The principal products of this country are fruit, wine, and Indian corn, all of which grow in great perfection. It is in this district that the prunes so much prized in England are grown and prepared; and every description of fruit that is produced in the lower parts of wine, and Indian corn, all of which grow m gress persection. It is in this district that the prunes so much prized in England are grown and prepared; and every description of fruit that is produced in the lower parts of Bearn is excellent of its kind. Here, too, we find the vine, not as it is found in the other parts of France, as misgnificant shrub, covering the acclivities, and possessing not much greater beauty than a potato-field; but trained from tree to tree, as in some parts of Italy and in the Tyrol. This district, excepting the valleys of the Pyremees, is certainly the most beautiful part of France." (Ingile's Surincerland, &c., p. 200.) Agriculture is, however, in a very backward state: by what would seem to be a singular contradiction, the sides of the hills are cultivated, while the plains, which, it may be presumed, would be much more productive, are left waste or in pasture; and the corn is insufficient for the home supply. Maise and wheat are the grains principally cultivated; fax and hemp are, also, raised in large quantities. The produce of wine is estimated at about 200,000 hectolitres a year, of which about 5 part is consumed by the inhabs.; some hemp are, also, raised in large quantities. The produce of wine is estimated at about 300,000 hectolitres a year, of which about \$ parts consumed by the inhabs.; some growths, particularly those of Jurançon, near Fau, are of a superior quality. In 1830, there were estimated to be nearly 117,000 head of cattle in the dep., and 66,000 sheep, the produce of wool being supposed to amount to about 1,000,000 kilogr. The breed of horses has been greatly improved by the stud at Pau: a great many mules are bred for export into Spain. The hogs furnish the hams so well known under the name of jessebose de Bayosne. In 1835, of 94,833 properties subject to the Contribution foncière, 47,058 were assessed at least than 5 fr., while 14 only were assessed at 1,000 fr. and upwards. Copper, iron, sulphur, cobalt, slate, marble, and granks are among the mineral products; and mining industry is carried on upon a pretty extensive cale. The mannafactures comprise woollen and linen stuffs and yarn, printed handkerchiefs (called moschoirs de Bears), leather, hardware, earthenware, paper, chocolate, brandy, &c.; and the dep. furnishes supplies of planks, with cordage, &c., for the dock-yard at Bayonne. The value of the sattle, wine, hams, salted geese, &c., exported to foreign countries, especially contraband to Spain, is estimated at 4,000,000 fr. a year, and that of the exports to other parts of France at about 8,000,000 fr. Basses-Pyrenes is divided into 5 arronds.; chief towns, Pau, the cap., Bayone, Mauleon, Oleron, and Orthes. It sends 5 measures to the Ch. of Dep. Registered electors in 1838-9, 1,106. Total public revenue in 1831-2, 7,888,7444. (Enge., art Basses-Pyreñes; Dict. Géog.; Prenck Official Tables; Jagdis.)

Basses-Pyrfmees; Dict. Glog.; French (Gyrcas: Issues; Ingits.)
PYRENBES (HAUTES), a frontier dep. of France, reg. S.W., formerly included in Gascony, between lat. 43° 42° and 43° 35° N., and long. 30° W. and 35° E., having N. Gers, E. Haute Garonne, W. Basses-Pyrtebes, and S. Spain, the ridge of the Pyrenees forming the line of demarcation between the two kingdoms. Area, 452,790 hectares. Pop., in 1846, 251,358. Within the limits of this dep. are some of the most remarkable places of resort and objects of curiosity in the Pyrenees, as the baths of Bareges, Bagnéres, and Cauterets, the valley of Gavarine, Breche de Rolsand, &c. By far the greater part of the surface is covered with ramifications of the Pyrenees, among which the Gave de Pau, Gers, Adour, &c., take their rise. Small lakes are very numerous in the mountains. In 1834, of the surface of the dep. 94,539 hectares were estimated to be arable, 44,376 in meadows, 13,362 in vincyards, 84,611 in woods, and 173,579 in healths, wastes, &c. There is a larger proportion of good soil in this than in the neighbouring dep. of the Basses-Pyrénées,

PYRENEES (ORIENTALES).

though the produce of corn (chiefly maise and wheat), be atill insufficient for the inhabs. Property is much subdivided most of the peasants are proprietors of the soil they cultivate; and the greater number of the other proprietors are engaged in the cultivation of their own lands. In 1835, of 78,713 properties subject to the contrib, foncière, no fewer than 44,631 were assessed at less than 5 fr., and 12,863 at from 5 to 10 fr., while only eight were assessed at less than 5 fr., and 12,863 at from 5 to 10 fr., while only eight were assessed at 1,000 fr. or upwards. (French Offic. Tables.) Inglis describes a family in the mountains whose condition might be taken as a fair sample of that of the poorer mountaineers of the Pyrenees. "The property of the peasant," he says, "consisted of two cows and three goats. A small meadow in the neighbourhood of the hut was fertilized, and allotted to rye, and about a rood of land was laid out in potatoes and cubtages. The peasant and his family consumed the whole produce of the admails. Meat of no kind ever entered the cabin; but the lake, 1½ league distant, occasionally supplied a few fish. A kind of no kind ever entered the cabin; but the lake, 1½ league distant, occasionally supplied a few fish. A kind of cheese, like some of the poorer Scotch cheeses, was made from the goats' milk; and the sale of this to the lower orders at Caurests was the only source of the money necessary for the uttrakes of clothes and whatever else was not produced. zerist was the only source of the money necessary for the prehae of clothes and whatever else was not produced y cows and goats." (Switzerland, the Pyrences. &c., 250, 281.) The dep. produces about 270,000 hectolitres year of inferior wine, about a baif of which is exported researched into brandy. A good many cattle are reared, not the horses bred in the plain of Tarbes are extended to purchased for the service of the light cavalry, tules are bred for export into Spain. The produce of oil is reckoned at about 370,000 kilogr. a year; and a oil deal of butter is made of the milk of the sheep, be produce of honey and wax is also considerable. erets was the only source of the money necessary for the he produce of honey and wax is also considerable, inerals and manufactures, though of little import-ce, are not quite valueless, there being good marble ce, are not quite valueless, there being good marble arries, and some fabrics of woollen, linen, and cotton ds, with tanneries, distilleries, &c. The dep. is did into three arronds; chief towns, Tarbes (the .), Argeles, and Bagneres de Bigorre. It sends three ms. to the Cham. of Dep. Registered electors, in 8, 39,545. Total public revenue, in 1831, 3,118,056 fr. ago, art. Pyfenécs-Houtes; Dict. Géog.; French cial Tables.)
VRENEES-ORIENTALES, a marit, and frontier

VRENEES-ORIENTALES, a marit. and frontier of France, reg. S., consisting principally of the prov. of Rousillon, with a portion of Languedoc, having N. Ande, W. Ariege, S. Spain, the ridge in Pyrenees forming the line of demarcation between two kingdoms, and E. the Mediterranean. Shape by triangular. Area, 411,623 hectares. Pop., in 180,794. The Pyrenees in this dep. are less lofty in the greater part of the rest of their course; still, as the Canizon, their highest peak, attains to an in the greater part of the rest of their course; ann, ver, the Canignot, their highest peak, attains to an tion of 9,140 ft. The dep., though in great part taluous, comprises a large extent of plain country, principal rivers are the Tet, Tech, and Agly, but of these are navigable. In 1834, 92,554 hectares of rface were supposed to be arable, 9,796 in artificial es (probably meadows), 58,442 in vineyards, 43,877 ds, and 188,407 in heaths, wastes, &c. The arable are of two classes,—wet and dry. The irrigable, are of two classes, wet and dry. The irrigable, are always under culture; in the rotation to they are subjected, they usually yield three crops rears; one of which is wheat, and the others trefoll, is, malze, potatoes, hemp, or flax, when they are grass for an equal period. The dry, or non-irri-ands are alternately under wheat or rye, or in fal-lut though agriculture be better conducted than of the adjacent deps., the corn continues to be of the adjacent deps., the corn continues to be a from the grain by treading out with horses, as . The total produce of corn, chiefly wheat, and rye, was estimated, in 1836, at 442,169 heeto-year, a quantity, obviously much below the dethe pop. The dep. also furnishes in ordinary out 300,000 heetod. of wine, and 12,000 of oil. ordinaires are highly coloured and beavy, and little drunk in a pure state in other parts of ut are extensively employed to give colour and it weaker wines of other deps. The red wines and the white wines of Rivesaltes are, however, uperfor description. The former are picins de spiritueux, avec de la moelle, du velouit, et un lit. En vicillissant ils acquièrent de la finesse, et un concleur de l'or. (Julien, p. 282). The cut wine of Rivesaltes is said by the same disauthority to be decidedly the best vin de duced in France. Il est picin de finesse, de arfiem, il embaume la bouche et la laisse ton.

at from, it embaume to bouche et at ausst ou-te: et il est bien constant que ce vin est l'un ra de l'unsivers, lorsqu'il provient d'une bonne 'il a vicilli. (p. 285.) es of the dep. have been very much improved stud at Perpignan and otherwise; sheep and owever, the most valuable domestic animals; stud at Perpignan and otherwise; sheep and owever, the most valuable domestic animals; ield annually about 50,000 kilogr, of wool for after supplying the home consumption.

QUEBEC. 568
The mulberry has been introduced, but this dep. ranks last among those in which silk is grown. About 300,000 kilogr. a year of cork are collected. Property is very much subdivided. Of 54,906 properties subject to the contrib. foncière, in 1835, 27,018 were assessed at less than 5 fr., and 9,454 at from 5 to 10 fr.; only 32 properties were assessed at less than 5 fr., and 9,454 at from 5 to 10 fr.; only 32 properties were assessed at less than 5 fr., bismuth, and lead are raised, but in no great quantities. Many of the inhabs. of the coast are occupied in the tunny and auchovy fisheries; and there are manufactures of coarse woollen stuffs and hoslery, with fron forges, tanuerles, paper-mills, distilleries, &c. The dep. is divided into three arronds.; chief towns, Perpiguan, the cap., with 18,264 inhabs., Côret, and Frades. Total public revenue in 1844, 4,047,929 fr. Roussillon belonged successively to the kings of Majorca and of Arragon, till public revenue in 1844, 4,047,929 fr. Noussilion belonged successively to the kings of Majorca and of Arragon, till Louis XI. took it from the latter. It was restored by Charles VIII., and remained attached to the Spanish menarchy till 1640, when it was finally annexed to France. (Hugo, art. Pyrénées-Orientales; Dict. Géog.; French (Official Tables.)

Q.

QUEBEC, a city and sea-port of Canada, of which, QUEBEC, a city and sea-port of Canada, of which, and of the British possessions in N. America, it is the cap., on the N. W. bank of the St. Lawrence, at the point where it is joined by the St. Charles, about 340m. from the mouth of the former, lat. 467 487 497 N., long. 71° 10° 457 W. Pop., in 1843, 31,507, in 1850, 40,000? It convoles the extraority of a ridge terminating in the 71° 10° 45° W. Pop., in 1843, 31,507, in 1850, 40,000° It occupies the extremity of a ridge, terminating in the angle formed by the junction of the two rivers, in the point called Cape Diamond, rising to the height of nearly 340 ft. above the St. Lawrence. The Cape is surmounted by the citadel; and the town extends from it, principally in a N. E. direction, down to the water's edge. It is divided, from the difference of elevation, into the Upper and Lower towns. The old town, which lies wholly without the walls, partly at the foot of Cape Diamond, and round to the St. Charles, had narrow and dirty, and, in parts, steep streets. We say had, for the principal part of it was destroyed in two tremendous conflagrations in May and June, 1845. Though built of stone, the houses which were burnt down were mostly roofed with shingles; and to this the extent of the destruction occasioned by and to this the extent of the destruction occasioned by the fires in question is principally to be ascribed. In rebuilding the town care has been taken to have the streets properly laid out, widened, and otherwise improved. The ascent from the Lower to the Upper town is by a winding street, and by flights of steps. The streets in the latter, though narrow, are generally clean, and tolerably well paved, or macadamised. The public buildings, and most of the houses in it, are roofed with tin plates.

Quebec is very strongly fortified, and may, in fact, becalled the Gibraltar of America. The citadel over Cape Diamond includes an area of about 40 acres; and is formidable, alike from its position and its works. and to this the extent of the destruction occasioned by

Diamond includes an area of about 40 acres; and is for-midable, alike from its position and its works, con-structed on a gigantic scale, and on the most approved principles. The line of the fortifications, which stretches nearly across the peninsula on the W., and runs along a ridge between the upper and lower towns, is inter-sected by five gates, and has an inner circuit of about 23 miles. Beyond the ramparts, on the W., are the exten-sive suburbs of St. Roch, St. John, and St. Louis.

sive suburbs of St. Roch, St. John, and St. Louis.

The public buildings are substantial, rather than elegant. The Château St. Louis, the residence of the governor-general, a large, plain building, on a height overhanging the river, was hurnt down early in 1835. The Rom. Cath. cathedral of Notre Dame, the Protestant cathedral, with sundry other Catholic and Protestant churches; the old episcopal palace, now the seat of the Canadian legislature; the quadrangular edifice formerly the college of the Jesuits, but now a barrack, in the upper town; with the Quebec bank; the Exchange reading room, well furnished with American, British, and other newspapers and periodical publications; and the government warehouses, in the lower town, comprise the government warehouses, in the lower town, comprise the principal public buildings.

There are three numeries, one of which, the Hôtel de Dieu, is a very valuable hospital. The uuns are here, in fact, a most useful class of persons, acting as nurses to the sick admitted within these establishments, and as in-

structresses of young girls.

Among the establishments for educational purposes, the first place is due to the French college. It has a the first place is due to the French college. It has a principal, and professors of theology, rhetoric, and mathematics, with 5 regents for the Latin and Greek classes. Here is, also, a royal grammar school, a classical academy, a national school, and many French and English private schools. A Royal Institution for the advancement of learning within the prov., and a Literary and Historical Society, respectively enjoy the patronage of the government and of the principal inhabs. A Metric Pp 3 chanics' institute was established in 1830; and it has numerous benevolent associations. The city public library, though not very extensive, is said to be well selected, and to contain a great variety of standard works. The garrison, also, has a good library. Several newspapers are published in the city.

Though not a manufacturing town, Quebec has various distilleries, brewerles, with tobacco, soap, and candle works; and numbers of fine ships have been launched from its yards. It has two or three banks, and a savings' bank. The markets are well stocked with most sorts of produce; but good fish is rather scarce and dear. The climate, though on the whole good and healthy, is in extremes. In summer the heat is equal to that of Naples, while the cold of winter is not inferior to that of

Maples, while the cold of winter is not interior to the Moscow. This inequality occasions a corresponding difference in the modes of life during the different seasons

ference in the modes of life during the different seasons of the year. In winer travelling is carried on by means of sledges and carrioles, in the same way as in Russia. The first view of Quebec in sailing up the St. Lawrence is striking in the extreme; and there is a magnificent prospect from the citadel on Cape Diamond. The majority of the pop. being of French extraction, the French language, which is still spoken in some of the best circles with great propriety, and the R. Catholic religion, predominate. Society is here more polished and refuned than in any other town of British America; and the higher provincial gentry of French descent are distinguished by the courteousness and urbanity of their manner. But, in consequence, perhaps, of the seductive example of the mimic court established amongst them, all classes are much given to show, and generally indulge example of the mimic court established amongst them, all classes are much given to show, and generally indulge in expenses beyond their means. Hence Quebec is very expensive; and owing to the jealousles that exist, and the violence of provincial politics, society is split into different parties. Great attention is, also, paid to etiquette; and those admitted to the governor-general's parties rarely associate with those who do not enjoy that honour.

bonour.

Vessels of the very largest burden arrive at Quebec. Its harbour or basin, between the city and the island of New Orleans, is of great extent, having in general about 36 fathoms water, the tide rising from 16 to 18 ft. at neaps, and from 25 to 30 ft. at springs. Ships lie along-side the wharfs along the St. Lawrence. There are extensive flats between the lower town and the St. Charles, where wet docks might be easily constructed.

where wet docks might be easily constructed.

The trade of the city is very extensive. It engrosses, with Montreal, almost the entire trade of the prov. with the mother country, the W. Indies, &c. Great numbers of emigrants leave this country for Canada; but the larger number subsequently re-emigrate to the U. States. (Sc. art. Canada.). 518.) It has a regular intercourse, by means of steamers, with Montreal, and other ports higher up the St. Lawrence, and with Halifax, and other ports on the Atlantic. Still, however, it must not be forgotten that in so far as the United Kingdom is concerned, the trade with Canada and Quebec is, in a considerable degree, forced and factitious, and is not a source of profit, but the reverse. It is in fact, as has been already shown but the reverse. It is in fact, as has been already shown (1.522.), mainly a consequence of the high discriminating duties laid in our ports on timber from the N. of Europe. duties laid in our ports on timber from the N. of Europe. But for this preposterous arrangement, the trade between Grest Britain and Quebec would be extremely unimportant. Of the total value of the imports from Canada, timber nakes two thirds, the only other articles of any importance being furs and ashes. The corn and four exported from Quebec is not the growth of the prov., but of the U. States. The principal articles of import into Canada consist of corn, cottons, woollens, silk, and other manufactured goods; glass ware, spirits and wines, iron and hardware, sugar and tea, &c. The total value of the imports into Canada (of which, however, by far the largest portion goes to Montreal) in 1848 amounted to

the imports into Canada (of which, however, by far the largest portion goes to Montreal) in 1848 amounted to 2,107,1641 currency (24s. 4d. cur. = 20s. ster.). Declared value of British produce and manufactures exported to Canada in 1849, 1,234,9311.

It is material, bowever, to bear in mind, that little more than half the imports are paid for by the exports; they are, in fact, principally paid for by the treasury at home, and are to be regarded as the means sent out by England to pay the troops and meet the other heavy expenses she has to incur in the preservation of this most inpurofitable colony. penses she has to incumprofitable colony.

Account of the Number of Vessels and their Tonnage, which arrived at the Port of Quebec, inc. those bound for Montreal, from Sea, and the Number of Passengers that came by them, from 1846 to 1850, inc.

	l'ear	٠		Venete.	Passengers.		
1846 -	-	•	-1	1,448	573,104	32,753	
1847 - 1848 -	:	:	:1	1,178	474,545 496,968	97,582 28,261	
1849 - 1850 -	-	:	:1	1,064	431,063 434,391	38,194 32,392	

Of the vessels that arrived at Quebec in 1850, 96

were foreign, viz., 45 Norwegien, 34 American (U.S.), 19 Prussian, 3 Russian, 2 Portuguese, 1 Hanoverien, 1 Swedish, and 1 Dutch.

During the year, 1,054 vessels cleared at the port of Quebec; they were almost exclusively employed in the export of timber, and were nearly all of large tournage.

Value of Exports from Quebec and Montreal.

Years.	Quebec.	Montreel.	Total Currency.			
1841 1842 1843 1844 1846 1846 1847	# s. d. 1,727,796 15 1 991,489 8 9 1,367,651 17 5 1,484,848 17 9 2,056,851 1 1 1,866,456 18 5 1,831,399 13 0 1,357,336 6 1	200,070 2 9 728,729 14 9 728,729 14 9 888,199 1 0 754,231 2 8 720,797 7 8 658,338 6 8 848,982 18 10 391,841 5 0	2,427,796 17 10 1,720,219 8 6 1,735,830 18 5 2,941,000 0 8 2,777,648 8 9 2,777,648 8 1 2,524,795 6 1 2,520,382 11 10 1,749,167 11 1			

Value of Imports at Quebec and Montreel.

Years.	Queb	8 0.	Montr	mi.	Total Currency		
1841 1842 1843 1844 1845 1846 1846	2 \$17,916 \$16,669 402,827 655,868 712,398 750,982 796,845	13 11 5 0 15 8 10 10	2,068,135 2,021,106 1,289,571 2,475,064 2,690,252 2,303,908 2,063,418	1 5 5 8 3 2 12 11 11 11	2,286,052 12 1 2,257,776 6 0 1,691,798 6 5 5,180,955 3 4 3,332,650 14 0 2,054,891 4 4 2,860,357 1 1		

Account of the Quantities of the principal Articles im-ported into the United Kingdom from the British N. American Colonies in 1848.

	-	Article			_		Quantities ins-	
Ashes, pearl a	ad pot			•	•		Cwts.	88,862
Reef, salted	•				•	•	_	3,329
Wheat of B. p	consession.	ome.				•	On.	27,120
Wheat-flour	f B. po	ولعصم	88			•	Sar.	854,475
Fish, of Britis	h takin	•	•	•		•	_	94,001
Oil, train and	sperm.	ceti. c	f Brid	نطما ش		-	T	11,237
Pork, salted		•	•	•			Cwts	2.253
Skins and furn	. wadn		wis					-,
Bear					_		No.	6,103
Beaver		_		_	_	-		41,004
Fox		_	_	_	Ξ.	-	_	26,738
Lynx			-	_	-	-	! =	47,168
Marten		•	-	-	-	-	=	122.125
Mink	•	-	-	•	-	•	_	122,113
	•	•	•	•	•	•	=	42,998
Musquash	•	•	•	•	•	•	_	243,089
Otter	•	•	•	•	•	•	_	10,633
Seal	•	•	•	•	•	•	-	630,997
_ Wolf		• •	•	• .	•	•		8,013
Timber, not s	sau oi	sprit, c	K R. b	obsession.		•	Loads	805,235
Deal, battens,	or oth	er tim	ber, se	WE OF	split, e			-
B. possession		•	•	•	•	•	_	496,061
Staves			•	•	-	•	_	30,340

Quebec, as every one knows, was taken from the French in 1759. A British army, under General Wolfe, having effected a landing near the city, attacked and defeated the French army unier Montcalm, on the having effected a landing near the city, attacked and defeated the French army uniter Montcalm, on the heights of Abraham, to the W. of the town. Wolfe fell in the moment of victory; and Montcalm, who was also mortally wounded in the action, expired soon after. The French panie-atruck by the loss of the battle and the death of their commander-in-chief, surrendered the city before even a single battery had been opened against it. A monument was erected, under the patronage of Lord Dalhousie, in the gardens of the châtesu, inscribed to the "Immortal memory of Wolfe and Montcalm." inscribed to the Montcalm."

inscribed to the "Immortal memory of Wolfe and Montcalm."

QUEDLINBURG, a town of Prussian Saxony, reg. Magdeburg, circ. Aschersleben, on the Bode, a tributary of the Saale, 7 m. S. S. E. Halberstadt, and 33 m. S W. Magdeburg. Pop., in 1846, 18, 410. It is well built, and is surrounded by turreted walls, pierced by 4 gates. On an eminence immediately above the town is an old castle, now falling into decay, but which has a good library, and is in part converted into a school. It was formerly the residence of the abbesses of Quedlinburg, who were princesses of the empire, and had a seat on the Rhenish bench of bishops. Many of these abbesses are buried in the Stiftzkircke, or church of the ancient abbey; in which are also the tombs of Henry the Fowler, his empress, the beautiful countess Königsmark, mother of Marshal Saxe, &c. Quedlinburg has several hospitals, public schools, and various charities; with manefactures of woollen stuffs, distilleries, sugar refineries, &c. The rearing of cattle and hogs employs many of the inhabe. Klopstok, author of the "Mesalah," was a native of Quedlinburg, having been born here on the 2d of July. Quediliburg, having been born here on the 2d of July, 1724: since his death a monument has been erected to 1724: since his death a monument has been erected to his memory in the Brithil garden, near the town. Quedinburg was formerly a free imperial city, and has been frequently the residence of the German emperors and the seat of ecclesiastical councils. (Berghäus, Allge. Länder, &c., iv. 6td.; Murray's Handbook for N. Germany.)
QUENDOROUGH, a bor., see-port, and per of England, co. Kent, Lake Scray, on the E. coast of the

QUEEN'S COUNTY.

late of Sheppey, at the junction of the channel of the Swale with the satuary of the Medway, 2 m. S. Sheernest, and 37 m. E. by S. London. Area of par. 380 acres. Pop. of do., in 1841, 634. The town, which is poor and mean, consists principally of a main street, having the guildhall, with a gaol underneath, near its centre. The church, an ancient structure, has a tower at its W. end; and there is, also, a chapel for Independent. A charity-school for the education of the sons of the freemen used to be supported by the corporation and the parliamentary representatives for the borr, and there are some minor-schools, and a Sunday-school. The inhabs, are almost wholly engaged in the breeding and supplying of cysters for the London market. Inconsiderable as it has long been, Queenborough enjoyed the privilege of sending 2 mems, to the H. of C. from the era of Elizabeth down to the passing of the Reform Act, when it was most properly distranchised. It was reckoned too unimportant to be included in the provisions of the Municipal Reform Act. A fine old sattle in the vicinity of the town was demolished by

astle in the vicinity of the town was demolished by

provisions of the Municipal Reform Act. A fine old astle in the vicinity of the town was demolished by order of parliament in 1890.

QUEEN'S COUNTY, an inland co. of Ireland, prov. cinster, having N. King's co., E. Kildare and Carlow, nd a detached portion of King's co., S. Kilkenny, and V. Tipperary. Area 396,810 acres, of which 60,972 onsist of unimproved bog and waste lands. Surface enerally fait; and soil, except where bog occurs, for he most part very fertile. Estates mostly large; but any of them are let on perpetual leases; the head lesses on these estates forming the middle class of gentry, hese, however, have mostly relet their farms, genelly in smaller divisions, to inferior tenants; and these ain have subdivided them to others; so that many of e occupancies are extremely small, and held by roons too poor to be able to make any improvements if where farms have been let on terminable leases, by are larger, and on these various improvements been introduced, both as respects the rotation of ost, the implements of husbandry, and the stock-lying is carried on to some extent, and a good deal heres is made for the Dublin market. Average rent and 12z, an acre. Coal and limestone are found in co.; but the former is not wrought. Principal 7s, Barrow and Nore. It is divided into 8 baronies, 50 parishes; and sends 3 mems. to the H. of C., 2 for the co., and 1 for the bor. of Portarlington interest control of the co. on of 1 for the bor. of Portarlington istered electors for the co., in 1849-50, 328. In 1841, co. had 25,438 inbab houses, 27,442 families, and 80 inhab., of whom 75,403 were males, and 77,527 deep.

co. had 20,438 inhab houses, 27,442 families, and 30 inhab., of whom 76,403 were males, and 77,527 iles.

JERNSFERRY (SOUTH), a parl. bor. and sea-of Scotland, co. Linlithgow, on the S. shore of the of Forth, nearly opposite to N. Queensferry, 8 m. y N. Edinburgh. It is a poor decayed place, which riginally founded for, and is still principally dent on, the ferry, which has long been established ipoint, across the Forth. Pop., in 1841, 1,233. It is chiefly of one street, running parallel to the The only public buildings are the parish church, enting chapel, and the town-hall; it has a soap actory and a brewery. Newhall, immediately to of the town, is now the principal ferry station the Forth; though, under certain circumstances, ry-men prefer the pier of the bor.

A Queensferry, on the opposite side of the Frith, is here less than 2 m. across, is still more inconte. The principal ferry business across the Forth, in fact, carried on between Newhaven and island, and Newhaven and Kirkcaldy. Dr. Wilkie, of the "Epigoniad," was a native of S. Queensaving been born there in 1721. Queensferry with Dunfermline, Inverkeithing, Cu'ross, and in sending 1 mem. to the H. of C. Registered in this bor., in 1849-39, 31. Hopetoun House, did mansion of the Earl of Hopetoun, is situated W. from S. Queensferry. It occupies a composition, and has a noble view.

TIN, ST. (an. Augusta Vernumanduorum), a uring town of France, dep. Aisne, cap. arrond., omme and on the canal of St. Quentin, 24 m. aon; lat. 490 50° 51° N., long, 30° 17° 38° E. 1846 (inc. comm.), 23,362. It was formerly a trength; but, since the time of Louis XIV., its have given place to suburbs and public walks, public promenade extends on the E. side of along the banks of the canal. St. Quentin is well built; its principal streets being wide, its ers handsome, and most of its houses modern. The of the town is a large square, in which is hall, a curiously ornamented Gothic edifice, pal church, or cathedral, is a vast and majes. It is length internally, and its nave 212

of manufactures, a council des prud'hommes, &c., a communal collège, drawing and commercial schools, courses of practical geometry and mechanics, and a so-

ciety of arts and sciences.

communal college, drawing and commercial schools, courses of practical geometry and mechanics, and a society of arts and sciences.

St. Quentin was formerly the centre of an extensive manufacture of linen fabrics and yare. This branch of industry has now almost disappeared; but its place has been supplied by the cotton manufacture. In 1834, within an area of 12 leagues round St. Quentin, embracing its arrond, with, parts of the deps. Somme, Du Nord, and Pas de Calais, it was estimated that nearly 75,000 hands were employed in weaving, bleaching, and spinning cotton; besides many more employed in subordinate departments. The principal articles are striped and spotted muslius, yarn, &c., and the town and its neighbourhood have about 700 bobbinet frames. The oction spinners, whose number is about 4,000, reside principally in the town; the weavers live in the villages and surrounding country, where most of them are petty proprietors, occupied in agricultural labour for 3 or 4 months of the year. But it is obvious that goods produced by semi-manufacturers of this sort could never withstand, for a moment, the free competition of goods produced in lactories supplied with the best machinery, and with a proper distribution and division of labour, and that they must depend wholly on the artificial market produced by must depend wholly on the artificial market produced by in a soid for 64, do 76, the ell, and the weaver gets 8d. a day. For finer goods the weavers' wages vary from 1s. to 1s. 6d. a day. In the cotton mills in the town, the average the weavers in the country gain, children from 3d. to 6d.; a day in the add the manufacturer. At an average the weavers in the country gain, children from 3d. to 6d.; a day. In the cotton mills in the town, the average wages of a male adult may be from 6 to 78 per ell of 4 lin, is paid at the rate of 10d.; a day: the amountacturer. At an average the weavers in the country gain, children from 3d. to 6d.; women from 7d. to 10d.; and men from 1s. 3d. to 2s. 6d. a day. In the cotton m town, especially in wers' Rep. p. 128.)

wers' Rep. p. 128.)

The cotton-mills of St. Quentin are by no means so extensive as those of the dep. Haut-Rhin: few employ more than 200 hands. Children are employed here at an earlier age than in the cotton-factories of Alsaes; but the workpeople of all ages appear to enjoy much better health and more comforts in St. Quentin than either at Mulhausen or Lille. "The working classes make no complaints; they seem all pretty well supplied with the necessaries, and many of the comforts of life. They are all well clothed, and have pleuty of vegetables to est. liftle meat is consumed or desired by them." to eat; little meat is consumed, or desired by them."

to eat; little meat is consumed, or desired by them." (Symon's Rep.)
Table linens, leather, soap, and sulphuric acid are also produced here; and the commerce of the town with the sidjacent parts of France, Belgium, and Germany is much facilitated by good roads and by the canal of St. Quentin. The latter connects the inland navigation of France with that of the Netherlands, by forming a communication between the Oise, the Somme, and the Scheldt. It is remarkable chiefly for the tunnels cut through the high ground, about 4 m. N. St. Quentin. The first of these is 160 ft. below the surface, 24 ft. in width, the same in height, and 4 m. in length. The second tunnel is on a still larger scale, being 3 m. in length, and 2001. below the surface. Day-light is admitted, at certain distances, by openings carried to the surface; and the tunnel being cut

surface. Day-light is admitted, at certain distances, by openings carried to the surface; and the tunnel being cut through a chalk rock, the sides are not built. It was finished in 1810. (Hugo, art. Aisne; Filtermé, Tabl. des Ouer.; Handison Weaver; Rep.) as formerly strongly fortified, and was regarded as one of the bulwarks of France on the N. In 1887, in the earlier part of the struggles between Philip H. and France, the army of the former, under the Duke of Savoy, having threatened to attack the town, defended by the famous Admiral Coligny, and a weak garrison, the constable Montmorency ligny, and a weak garrison, the constable Montmorency advanced with a considerable army to its relief, and sucadvanced with a considerable army to its relief, and suc-ceeded in throwing some reinforcements into it. On his retreat, however, he was overtaken by the Spaniards, when a general action ensued, which ended in the total defeat of the French, who lost all their artillery and baggage, with about 7,000 men killed and prisoners; in-cluding many persons of distinction. The town soon afterwards fell into the hands of the Spaniards. The battle having been fought on the 10th of August, St. Law-rence's day, the vast palace of the Escurial, built by Phillp 11., was dedicated to the saint in commemoration of the victory. (Watson's Philip II., vol. 1, 70., &c.) Pierre la Ramée, better known by his Latin name of Ramus, one of the earliest and ablest opponents of the scholastic system of philosophy, and the Marquis Con-

Ramss, one of the earliest and ablest opponents of the scholastic system of philosophy, and the Marquis Condorcet, were natives of the vicinity of St. Quentin, though not, as is frequently stated, of the town itself.

QUERETARO, a city of Mexico, cap. of the state of the own ame, in a rich and fertile valley, 110 m. N.E. Mexico, and 60 m. E.S.E. Guanaxuato; lat. 20° 36′ 29° N. long, 100° 10′ 15′ W. Pop. at least 40,00. (Ward.) It is a well-built city, with three large squares, many handsome public and private edifices, and the usual excess of couvents and churches. The Franciscan monastery is spacious, and surrounded with extensive gardens; and the convent of Santa Clara is an immense building, inhabited by 250 females, including many young ladles sent thither for their education. The streets have side payements, laid with flags of porphyry: the city is well supplied with water, brought to fit by an aqueduct about 10 m. in length, carried across the valley upon 60 arches. It is divided into 5 parishes; 4 in the body of the town, and 1 in the suburbs, separated from the rest by a little stream. "We were much struck with the busy look of Queretaro, which has quite the air of a manufacturing from More than half the house contain shops, and the pop. is engaged either in small trades or in the wool manufactories, which are still very numerous. Those are divided into two classes, obrages and srapickes. The first comprises the establishments that employ from 10 to 30 looms; the last those in which only one or two are in activity. In both coarse cloths, of different patterns and sizes, are manufactured; part of which are retailed upon the spot in the great Plazs, where a market is held every evening by torchlight, and part sent to the capital or other great towns of the confederation. The demand for these manufactures has decreased very much since the ports were opened to European imports; indeed, the woollen trade is now principally kept up by a capital or other great towns of the confederation. The demand for these manufactures has decreased very much since the ports were opened to European imports; indeed, the woollen trade is now principally kept up by a government contract for supplying the army with clothing. The price paid for scariet, green, and yellow cloths of the very coarsest texture, varies from 24 reals (12.) to 15 reals (7s. 6d.) per vara: and there is no doubt that they might be obtained of a better quality at a much lower price from abroad. The wool is brought principally from the northern states, San Luis de Potosi, and Zacatecas; its price fluctuates from 16 to 24 reals the arroba of 25 ibs., including carriage; but the wool most esteemed is the produce of the state itself. It acquires its value, not from any superiority in the breed of the Queretaro sheep, but from the circumstance of the flocks being so much smaller than those of the north that they can be better attended to, fed in richer pastures, and kept more clear from thorns, which deteriorate the feece. This wool sells for 3; dollars (or 30 reals) the arroba." (Ward's Mexico, ii. 183, 184.) The manufactures of this city are conducted on the same nefarious system that prevalls elsewhere in Mexico (see this vol., p. 316.), of inveigling the Indians into debt by the voluntry advance of money, and then shutting them up in the factories, under prison discipline, with criminals of all kinds, till they have liquidated the debt by they labour, a circumstance which every pains is taken to prevent, and which rarely occurs. (Foinsett's Notes on Mexico, p. 186, &c.).

QUIMPER-CORENTIN, a town and river-port of

and which rarely occurs.

p. 186, &c.)

QUIMPER-CORENTIN, a town and river-port of France, dep. Finisterre, of which it is the cap,, at he junction of the Eir with the Odet, about 11 m. above where the latter falls into the bay of Benaudet, 115 m. W. by S. Rennes 1 kt. 470 58' 29' N., long. 4° 6' 15' W. Pop., in 1846, 9.739. It stands on the declivity of a bill, and is divided into the old and new town. The former, surrounded by walls fianked with towers, is ill built; but in the new town there are some good streets and houses. surrounded by walls flanked with towers, is ill bullt; but in the new town there are some good streets and houses. The cathedral, a handsome Gothic edifice of the 18th century, and other churches; the military hospital; the college, a large structure formerly belonging to the Jesuits; the theatre, and some public baths, are the principal public buildings. The river is navigable as far as the town for vessels of 200 tons burden, those of greater size anchoring opposite its embouchure, in the Bay of Benaudet. It has manufactures of eartherware, and building docks: its thusbs, also, engage in the yilchard senaudet. It has manufactures of eartherware, and building docks; its inhabs., also, engage in the pilchard fishery, and carry on a pretty brisk trade in provisions. Quimper is a bishop's see, and derived its present name from its first bishop, in the 5th century; previously to which, it was called Cortospitume. It was sacked by Charles of Blois in 1345.

Among the 4th of the control of the state of the s

Charles of Blois in 1345.

Among the distinguished men, of whom Quimper has to boast, may be mentioned Hardouin, the commentator of Pliny, celebrated alike for his learning and his paradoxes; and Freron, the most voluminous, but, at the same time, the least valuable of the French critics of last century. (Hugo, art. Finisterre; Dict.

critics of test century. (1120), and 120 (2007, 2017). QUITO, a celebrated city of S. America, cap. of the repub. of Æquator (Ecuador), in a ravine on the E. side of Pichincha (a volcanic mountain, which, at no very distant period, was in a state of activity), above 9,500 ft. above the see, 160 m. N.N.E. Guayaquii, and 460 m. S.W. Bother of the control of the cont

QUITO.

gota. Lat. 0º 13º 27º 3., long. 78º 10' 18" W. Poga, variously estimated at from 40,000 to 70,000. Quito is, on the whole, one of the best built cities in the Newed world. It has four broad, straight, and well-psewed streets, and three large and some smaller squares, in which are the principal public buildings, and the baset private residences. The streets which run N. and S. are pretty level, but those which cross them ascend the skirts of the Pichincha on the one hand, and descend on the other towards a small river, over which is a small bridge; and from this unevenness of the ground some of these are so steep as to be impracticable for carriages, besides being, for the most part, narrow, crooked, unpaved, and almost impassable after heavy rains. So numerous, also, are the crevices in the mountain, that, in the subarbs particularly, several of the houses have been raised on arches. The houses, which are large and convenient, are mostly built of unburnt bricks, cemented with a species of mortar, used by the anc. Peruvians, which soon becomes extremely hard. On account of earth-quakes, they are seldom more than one story in height, exclusive of the ground-floor, or ren-de-chausset. They are flat-roofed, and have usually a balcony towards the street. Generally speaking, they are indifferently furnished, and desicent in cleanliness. The city has an abundant supply of indifferent water, obtained from several streams, which flow through it in conduits. The principal square has, in its centre, a fine brass fountain; and on its sides are the cathedral, the blabey's palace, the town-hall, and the palace of the prosident. The last is a gioomy-looking building, with a terrace in frost, ascended by two flights of steps. In it are the halls of the sudiencia, treasury, and the shaulfulf front, with Corinthian columns, finely sculptured by native artists. The interior of this edifice is very rich, and when visited by Stevenson it had a library, said to comprise 50,000 vols., including several rare works. A part of t ornaments, plate, paintings, &c.; but a part of this wealth has, we believe, been since turned to more useful purposes. It has a workhouse and orphan asylum on a large scale, and said to be well conducted, an hospital,

purposes. It has a workhouse and orphan asylum on a large scale, and said to be well conducted, an hospital, &c.

Quito ranks pretty high, at least among Spanish American cities, as a place of education. It had two universities before the time of Charles III., but they were then united into one. Besides this university, which still exists, there are several colleges under the guidance of the different religious orders. Ulloa states, that young men of distinction usually studied philosophy, theology, and jurisprudence. "They succeed pretty well." he adds, "in the exact sciences, but are extremely ignorant in all that respects politics, history, and those philosophical studies that contribute most to expand and enlarge the mind." There can be no doubt that this is a perfectly accurate statement; but we apprehend the students of Salamanca in Old Spain were, at the epoch of Ulloa's visit to Quito, but little more advanced than those belonging to the latter. It were absurd to suppose that colleges conducted by priests, under an arbitrary government, should supply amy sound instruction, either in politics or philosophy.

The city was made a bishop's see in 1645, and is the residence of the President, and the seat of all the superior courts and offices of the republic.

Coarse cottons, and woollen cloths, baises, fiannels, ponchos, stockings, &c., are made in Quito, which is also highly celebrated for its confectionary; but its chief exports consist of the eron, and other agricultural products of the province. These, with some of its manufactures are sent by way of. Gusyaquil to Central America, in exchange for indigo, iron, and steel; and to Peru in return for brandy, when, and oil, and for gold, silver, and other metals, Ecuador not being very rich in mineral wealth. The foreign imports comprise all kinds of European manufactured goods, with iron, steel, and some other raw materials. "The European manufactured month of dimities, muslina, stockings, velveteens s I rish."

factures most in demand are English broad cloths, ker-seymeres, coloured broad finnels, calicose, plain and printed dimities, muslins, stockings, velveteens; Irish innens, in imitation of German plastiles; all kinds of hard-ware and cutlery, and foreign silk velvets, satins, &c., as well as English ribbons and silks. As for the Lima market, the articles should be of a good quality, and of the newest fashion; the more this point is attended to, the better the market will be found." (Sievenson's & America, ii. 319.) The markets of Quito are abundantly

provided with beef, mutton, pork, and poultry, both cheap and good; regetables and fruits of all kinds, bread, &c. The consumption of cheese is said to be very great, its cost price being estimated at from 80,000 very grat, its cost pice being estimated at from 80,000 to 90,000 dollar a year, and many of the neighbouring farmers are principally engaged in its manufacture.

The inhabs of Quito do not differ materially from those of other Spmish American cities; bull fights, mas-

those of other Spanish American cities; bull fights, mas-querades, dancing, music, and religious processions being their principal amusements. When Ulloa visited the city, indolence was, and, we suspect, still is, the distin-guishing characteristic, if we may so speak, of all classes. This is, in great part, no doubt, to be ascribed to the mildness of the climate, and the ease with which the ordinary necessaries of life may be produced. The city roloys, as it wrre, a perpetual spring. Vegetation never cease at any period of the year; but from Dec. to March riolent storms of rain and lightning almost daily occur in he afternoon. Earthquakes are, also, frequent; and one of those visitations that occurred in 1797 is said to have estroyed in the proy, above 40,000 persons, and to have estroyed in the prov. above 40,000 persons, and to have ad a permanent influence over the climate. A plain, bout 4 leagues N.E. from the city, was made choice of the French and Spanish astronomers, in 1736, for easuring a degree of the meridian; and an inscription a marble tablet on the wall of the ex. Jesuits' church Quito commemorates the event, and the labours of est undertaking is to be found in the Historical Voyage Ulloa, one of the best works of its kind that has ever en published. Quito was founded by Sebastian Benal-ar in 1534, and incorporated as a city by Charles V. 1541. (Ulso, ilv. v. caps. 4, 5.; Sievenson's S. Ame-i, ii. 279—325.; Geog. Account of Columbia, &c.)

R.

LAB (Hung. Györ or Nagy Györ, an. Jaurimum, too, or Arabonia), a royal free town of Hungary, cap.

Co. Raah, at the confluence of the river of the same to with the Danube, 22 m. W.S.W. Comorn, and 39 S.E. Presburg. Pop. about 17 500. It stands in a and marshy plain, and is rather unhealthy. Like inna, the city is separated from the suburbs by its old fications, and an open glacis, pinnted with trees, and ing public walks. Some of the streets are regularly; and, besides three or four churches and a cathe-; and, pesides three or four churches and a cathe-the city has the bishop's palace, the public build-belonging to the co. and the corporation, and some some residences belonging to the Esterhary and families. (Bright's Travets, 298.) It has, also, a scademy of law and sphilosophy; and Rom. Cath., and Lutheran high schools. In the centre of the an immense Capuchin convent, its roof surmount-th two very high and conspicuous spires. There arious other conventual establishments, 2 work-5, 2 barracks, a theatre, arsenal, &c. Raab is the a larger trade in corn than any other city in Hun and is a great depot for the trade of Pesth with thy and Italy. (Berghäus.) It has several large my and Italy. (Berghäus.) It has several large I fairs, its commerce depending, for the most part, favourable position on two navigable rivers. It strong post under the Homans, and has been lly kept in a defensive state by the Hungarian but it was twice taken by the Turks, and, an Austrian force was routed by the French its walls. (Oesterr. Nat. Eng.c.; Berghäus; E Travels in Lower Hungary; Walsh's Consideration.

opie, ec.)
CONIGI, or RACONIGI, a town of the Sariom., div. Coni, prov. Saluzzo, cap. mand., near ira, and 21 m. S. Turin. Pop., in 1838, inc. 0,102. It is waited, and tolerably well built: veral good churches; but its chief ornament is a versi good churches; but its chief ornament is a stie and park, belonging to the Prince of Carig-lmong the works of art in the castle are some (if they may be so called), beautifully executed Silk weaving and spinning are the principal of industry in and round this town. (Dict.

OR, an internal co. of England, S. Wales, have cos. of Montgomery and Salop, E. Hereford, ck., from which it is separated by the Wys, and gan. It is of a triangular shape, and comprises res. With the exception of some low and comfertile tracts along the borders of Hereford, and in the valley of the Wys, the larger port of this co. is wild, mountainous, and dreary, d., in Davies' Survey of S. Wales, published in about fixe the tracts along its consisted of waste ly moor, but partly also bog! Several divione extensive enclosures have, however, been the interim; so that the extent of waste or

ome extensive encoures have, however, house the interim; so that the extent of waste or and, though still very great, has been maintained. At present, the wastes are mostly

depastured by sheep; and this co. rears, in proportion to its size, more sheep than any other in the principality. They are mostly of a small hardy breed. Numerous encroachments have, from time to time, been made on the wastes or commons by persons who had property adjoining, and by cottagers, who erected huts on their borders, and gradually extended their gardens, till they sometimes included acres of land. A good many of the manors on which these encroachments were made formerly belonged to the crown; and having been lately sold, the purchasers have attempted to oust those who had made these exercebrances. But though the contractions are had made these encroachments. But though, no doubt, the act was illegal, still, under the circumstances, it was the act was inlegal, still, under the circumstances, it was beneficial rather than otherwise; and having been permitted in the first instance, their rights should have been protected. The farms in the low grounds vary from 20 to 200 acres: they are mostly held at will, or from year to year; and as there are no conditions to enforce a proper system of management, agriculture is in the moss backward state, there being no proper rotation of crops, and the land being frequently foul and out of order, Many of the low farms have a portion of moor or com-mon pasture attached to them. The cattle in the low mon pasture attached to them. The cattle in the low grounds are principally of the Hereford breed: there are some extensive meadows, and irrigation is well understood. There are some rather large estates; but there are, also, many of an inferior size. Average rent of land, in 1810, 5s. 3d. an acre. The minerals and manufactures of the co. are of no importance. Radnor is divided into 6 hundreds and 50 parishes; and sends 2 mems. to the H. of C.; being 1 for the co., and 1 for New Radnor and its contributory bors. Reg. electors for the co., in 1849-50, 1,370. In 1831 this co. had 4,716 inhab. houses, and 25,356 inhabs., of whom 12,826 were males, and 12,850 females. Sum contributed to the relief of the poor, in 1847, 11,980. Annual value of real property, in 1843, 128,9861. The bor. of New Radnor, referred to above, is of great extent, embracing an area of nearly 30 m. in 128,396. The bor, or New Radnor, reserved to above, as of great extent, embraching an area of nearly 30 m. in circ. In 1841, it had a pop. of 2,478; but the town itself has not more than 478 inhabs, and would not be worth notice but for its being the head of the park, bor, PRESTRICK (which see) is the only town in the co. of any importance.

any importance.

RAGUSA, a town of Sicily, prov. Syracuse, co. Modica, near the W. bank of the river of its own name, about 14 m. above the embouchure of the latter on the S. coast of Sicily, and 30 m. W.S.W. Syracuse. Pop., in 1831, 21,465. The inhabs., who are said to be active and industrious, have considerable cloth and silk manufactures, and a rather extensive trade in the corn, oil, wine, and cheese of the surrounding territory. It is near the site of the anc. Hybla Herwa; but being seldom visited by travellers, little is known of its state.

dom visited by travellers, little is known of its state. (Rampoidis, Corografia.)

RAGUSA (Slav. Dubrowaik, Turk. Paprowaik, an. Ronsium), a sea-port town of the Austrian dominions, prov. Dalmatia, cap circ. of its own name, on a peninsula in the Adriatic, 37 m. W.N.W. Cattaro; lat. 42° 36° 30° N., long. 18° 11° 56° E. Pop., in 1837, 2,039. It is walled, and has two good harbours, one to the N.W., and the other to the S.E.; which, as well as the town, are protected by several modern forts. Its streets are narrow, except one, the Coros, which intersacts it town, are protected by several modern forts. Its streets are narrow, except one, the Corso, which intersects it from N. to S.; its houses are well built, in the Italian style, but many of them are now unoccupied. It has a cathedral, a Greek church, a Plarist gymnasium, high school, military hospital (once the Jesuits' college), lazaretto, and thestre. It is the see of a Rom. Catholic vicar-bishop, and the seat of the superior judicial courts for the circ.; it has manufactures of silk, leather, and rosoglio. Though Ragusa has greatly declined from her former importance, she still has a considerable coasting trade; and in 1838, 225 vessels belonged to the port, 30 of which traded to the Levant and the western ports of the Mediterranean. Ragusa was founded in the port, 30 of which traded to the Levant and the western ports of the Mediterranean. Raguas was founded in the 7th century by some fugitives from Epidaurus in Illyria, when that city was destroyed by the Slavi. It continued to be a republic under the successive protection of the Greeks, Venetians, and Turks, Ulil 1806, when it was taken by Napoleon, who erected it into a dukedom, which he conferred bu Marshal Marmont. On the fall of the former, Raguas was given to Austria. Rerghaus, Algemeine Länder, &c., iv. 960.; Austria, Nat. Encyc., &c.)

Algemeine Länder, &c., iv. 960.; Austria, Nal. Encyc., &c.)
RAJAHMUNDRY, a distr. of the Madras presid. in British India. (See Circars, Northern.)
RAJAHMUNDRY, a town of Hindostan, cap. of the above distr., on the Godavery, about 80 m. from its mouth, and 65 m. N. E. Masulipstan. It stretches along the river for some distance, and has an old fort, several mosques, a fine bassar, &c. It is the seat of the district court, and a station for two companies of sepoys. (Madras New Almanac, &c.)
RAJEMAHAL (The Boyel Residence), a town of British India, presid. Bengal, prov. Bhaugulpore, on the Ganges, 66 m. N.W. Moorshedabed. Under Acbar, and Sultan Shujah, the brother of Aurungzebe, it

was the cap. of Bengal; and, though much decayed, it is still estimated to have 30,000 inhabs. It consists

was the cap. of Bengal; and, though much decayed, it is still estimated to have 30,000 inhabs. It consists principally of one long street of stone or mud houses, scattered over a wide extent of ground; a few tombs and mosques, and the ruine of a spacius paiace. The inhabs have some traffic with the hill people of the district, but their main source of profit is derived from their supplying necessaries to travellers on the Ganges. (Hamilton's B. I. Gex.; Mod. Tras.)

RAJESHAYE, a distr. of British India, presid. and prov. Bengal, principally between the 24th and 25th dega. Of N. lat., and the 88th and 90th of E. long., having N. Dinajepoor, and Rungpoor; R. Myemunsing, and Dacca Jelalpore; W. Parneah; and S. the Ganges, separating it from Jessore, Nuddea, and Moorshedabad. Area, 3,550 ac. Pop., in 1822, 1,087, 155; about 2-3ds Hindoos, and the rest Mohammedans. The whole surface is so low that from the beginning of July to the end of Nov. it is nearly submerged by the inundations. Towards the B. it is thickly wooded. Few solid edifices, and no fortresses exist, in this distr.; but it comprises many populous commercial villages, and the owns of Nattore, Bauleah, and Hurrial. Land revenue, in 1829-30, 146,4299 ruspees. (Parl. Rep., 4c.)

RAJPOOTANA, the largest prov. of Hindostan, towards its N. W. quarter, between 36° and 31° N. lat., and 70° and 77° E. long.; having W. and N. Moultan and Lahore, E. Delhi and Agra, S. Malwah and Guyat, and S. W. Sinde. Its length, N. and S., is estimated by Hamilton at 380 m., and its average breadth at 200 m., giving it an area of about 70,000 sq. m. It comprises a large extent of sandy desert, but in the S. and E. are many fertile tracts. This prov., which is wholly subsidiary to the British, consists of a number of feudal principalities, the chief of which are Judpoor, Jesselmere, Jeppore, Odeppoor, and Bicanere, which see. For further and full particulars respecting this portion of Hindostan, the reader may consult the copious work on Rajanthan by Colonel Tod.

RAMGHUR, a dis brick forts in Ramphur, affording protection to hordes of banditti, and other refractory persons; but few other durable buildings. This distr. has always been notorious for crime; and higherto, notwithstanding its great extent, has been of liftle value to the British Indian government. The land revenue in 1828, amounted to only 161,293 ruposes. (Part. Reps.: Hamilton's E. I. Gozs.)

RAMILLIRS, an inconsiderable village of Belgium, prov. S. Brabant, 18 m. S.S.E. Louvain. This village is famous in history from its being the scene of the great victory gaued on the 23d of May, 1706, by the allied forces, under the Duks of Mariborough, over the French, under Marshal Villeroi. The French army amounted to about 80.000 men. being superior in num-

allied forces, under the Duke of Mariborough, over the French, under Marshal Villerol. The French army amounted to about 80,000 men, being superior in numbers to that of the allies. The latter, however, owing, as is alleged, to the bad dispositions and incapacity of Villerol, gained an easy as well as a complete victory. The French lost about 8,000 men, killed and wounded, and nearly 7,000 prisoners, including 600 officers, with all their artillery and baggage. The loss of the allies did not amount to 3,000 men. The Duke of Mariborough, whose gailantry was as consufcious as his great talents. their artiliery and baggage. The loss of the allies did not amount to 3,000 men. The Duke of Marlborough, whose gallantry was as conspicuous as his great talents as a general, had a horse shot under him in the action; and the head of Colonel Brienfield, who was assisting his grace to remount, was carried off by a cannon-ball 1 (Smollet's Continuation of Hume, cap. 9.; Voltaire, Siecle de Louis XIV., cap. 20.)

RAMPOOR, a large town of British India, prov. Delhi; on the Cosilia, a tributary of the Ganges, 112 m. E. by N. Delhi. It has two brick palaces, a lofty mosque in the principal street, the magnificent man-soleum of a former chief, and some good houses; but the greater part of the town consists of sun-burnt brick houses, with thatched or tiled roofs. Its territory is exceedingly productive, and well cultivated.

Another town, called Rampoor, situated on the Sutleje, about 150 m. E. by N. Umritsir, is a favourite place of Hindoo pilgrimage, and an extrypé for the commerce of Hindoostan with the countries beyond the Himalays, on which account it has a large yearly fair. (Hamilton's E. I. Goz.)

RAMREE, a town of British India, prov. Aracan, cap. of the prov., and on the island of the same name, about 115 m. S. by E. Aracan. Pop. estimated, in 1835, at 8,000, and increasing. It stands at the head of a creek, is

and increasing. It stands at the head of a creek, in which there is pretty good anchorage, and has a bassar, supplied, though meagrely, with British goods. Its inhabitants, who are a fine athletic race, carry on a brisk trade with Chittagong, Sandoway, Bassein, and Calestia. (Pemberon; Rep. on the E. Frontier, p 53., 4c.)

RAMSAY, a town and par. of England, co. Huntingdon, hund. Hurstingstone. The par., which extends into the co. Cambridge, and has an area of no less than 17,660 acres, had, in 1841, a pop. of \$4,680, of whom about \$1,660 may belong to the town. The latter, about 10 m. W.N.E. Huntingdon, consists principally of one long street, running E. and W., with another branching off to the N. Houses mostly brick. The church, a fine old editice, has a nave, chancel, and alales, with an embattled tower at the W. end. The town formerly belonged to the Cromwell family, several of whom are buried in the church, but there are no monuments to their memory. It has a free-school, founded and endowed in 1653, which educates about 70 boys; and a charity-school, which educates about 20 girls, was founded towards the beginning of last century by John Dryden, Esq., a relation of the great poet. The town suffered severely from fire in 1731. Ramsay is within the great lovel of the lens; and in its vicinity are several shallow lakes, or meres, that called the Whittleson, about in M. W. from the town, being the largest founded here in 569, and the several shallow lakes, or meres, that called the Whittleson, about in M. W. from the town, being the largest founded here in 569, and the several shallow lakes, or meres, that called the Whittleson, about in M. W. from the town, being the largest founded here in 560, and the several shallow lakes, or were shallow and the several shallow lakes of the sea of the se

After the plers were nearly finished, the deposition of and and mind within the harbour being so great as to threaten rain to the entire project, Smeaton recom-mended the construction of a basin within the harbour, to be filled at high water and let out again at ebb tide, so to be filled at high water and let out again at ebb tide, so that any deposit might be carried off by the artificial current. This was accordingly done, and has been found to answer the purpose; and, in 1787, an advanced pier was undertaken to facilitate the entrance of shipping in tempestuous weather. About the same period a dry dock was excavated, and storehouses erected. There is a lighthouse on the head of the W. pier, whence a clear red light is displayed at night, when there are 10 ft. water in the mouth of the harbour; this notice being given, during mouth of the harbour; this notice being given, during the day, by a red flag from Sion Hill. A wet dock has ately been constructed near the basin for the repair of vessels. Still, however, it must be admitted that, though no cost has been spared to render this harbour as useful as possible to the shipping in the adjacent dangerous part of the channel, it is, owing to the want of water, very defective, and, as it can be entered only at certain times of the tide, it is far from realising the expectations that were formed of its being a good refuge harbour. It is under the apprehending of an incorporated company under the superintendence of an incorporated company of trustees, who appoint the chief and deputy harbournaster and other officers. It was made a royal port in honour of a visit from George IV. In 1921; and an obelisk heart the pier-gates has since been erected to commemoate that most unimportant event.

Ramsgate had formerly an extensive commerce with the altic, but this has long declined. It has still some trade of the France and Holland, chiefly in the importation of ggs, fruit, provisions, &c.; the gross customs revenue of the gg, fruit, provisions, &c.; the gross customs revenue of the ort (which includes Margate and Broudstairs), amounted 1840, to 7,0881. Its coasting-trade is pretty extensive, itely with London, Newcastle, and Sunderland. A misiderable fishery of turbots and soles is carried on off coast by boats from the W. ports of England; but ya small share of it is taken by the inhabs. of Ramste. Indeed the town displays little activity beyond at is caused by the influx of visiters during the sumrescand, and for whose accommodation steam-packets daily to and from the metropolis. The smoothness the sands E. of the harbour, and the clearness of the the sands E. of the harbour, and the clearness of the er, make the beach particularly well adapted for hing, and it constitutes a favourite resort for visiters, directs of whom may here be seen in the height of the on strolling about, lounging on chairs, and enjoying sca-breeze. The pier furnishes another delightful nenade, and on the W. cliff, which is ascended from linner basin by a flight of stone stars, is a fine broad conducted bath establishments are replete with acnodation for invalids; and libraries, news-rooms of which is in a marquee on the sands), bazaars, orts, &c. furnish ample means of occupation and ement. Bamsgate is a member of the Cinque Port

nodation for invalids; and libraries, news-rooms of which is in a marquee on the sands, bazaars, rts, &c. furnish ample means of occupation and ement. Ramsgate is a member of the Cinque Port ndwich, and is governed by a deputy, appointed by ayor of that bor.; but judicial affairs are regulated local magistracy under a local act, passed in 1812. Ston Wednesday and Saturday, but daily during er, and exceedingly well supplied.

NGOON, a town, river-port, and the chies, and almost the only, enterpot for the foreign trade of rman empire, prov. Pegu, on the E. and principal of the Irawaddi (called the Bangoon river), about om the sea, 50 m. S. W. Pegu, and 90 m. W. by N. and 1st. 169 42° N., long. 90° 20° E. Pop., accordicensus in 1826, about 18,000, which is perhaps not in its present (1850) amount, though it has been to amount to 40,000, and even 50,000? The town surbs extend lengthwise along the bask of the rabout 1 m. by 2 in depth; but the houses are equally scattered over the area. The fort, or vooden stockade, which constitutes the town so called, is an irregular oblong, entered by 8 d several sality-ports. (Cranghard Embassy, il. cording to Mr. Malcolm, who visited Rangoon the city is apread upon part of a vast meadow, above high tides, and at this season (May) rea neglected swamp. The fortifications are of no nat modern modes of attack. They consist of row of wooden timbers set in the ground, rising ight of about 18 R., with a narrow platform ound inside for musketeers, and a few cannon he gateways in a useless condition. A dozen have brick temements, very shabby; there are rive small brick places of worship, for fond a miserable custom-house. Besides these, of bamboo buts, in appearance as paltry as The exves of the houses generally descend to S ft. of the ground; very sw being of more reflex and set the covering than thatch. a neglected swamp. The fortifications are of no nst modern modes of attack. They consist or ow of wooden timbers set in the ground, rising light of about 18 R., with a narrow platform ound inside for musketeers, and a few cannon he gateways. In a useless condition. A dozen have brick tenements, very shabby: there are or five small brick places of worship, for fond a miscrable custom-house. Besides these, of bamboo huts, in appearance as paltry as The eaves of the houses generally descend to 8 ft. of the ground; very few being of more systems, or having any other covering than thatch. very subject to fires, from one of which it is e suffered most severely in this year, 1851. cmbany other covering than thatch. very subject to fires, from one of which it is e suffered most severely in this year, 1851. cmbany one, and all the houses are raised 2 we the ground, for coolness and ventilation.

As the floors are of split bamboo, all dirt falls through;

As the floors are of split bamboo, all dirt falls through; and what is not picked up by crows, dogs, fowls, &c., is occasionally swept out and burned. The streets are narrow and paved with half-burnt bricks, which, as wheel carriages are not allowed in the city, are in tolerable repair. There is neither wharf nor quay: In four or five places are wooden stairs, at which small boats may land passengers; but even these do not extend to within 20 ft. of low-water mark. Vessels lie in the stream, and discharge into boats." (Travels in S. E. Mañ. 1.76, 77.)

The river opposite Rangoon is about 600 yards across; and the town is accessible to ships of 1,200 tone burden. The navigation, though somewhat intricate, is safe and practicable with the aid of ordinary native pilots. At neaps the tide rises and falls about 18 ft., and at springs, from 25 to 30 ft. Rangoon presents many facilities for ship-building. The banks of the river are so flat and soft, as to render docks almost unnecessary; and there is nearly a complete water communication with the teak forests of Pegu, by far the most abundant in India. Ship-building has, in fact, been carried on at Rangoon since 1786; and in the 38 years which preceded our cap-Ship-building has, in fact, been carried on at Rangoon since 1786; and in the 38 years which preceded our capture of the town, 111 square-rigged vessels of European construction had been built, the total burden of which amounted to upwards of 35,000 tons. Several were of from 800 to 1,000 tons. But Malcolm says that this branch of business is now almost annihilated.

The markets of Rangoon are well and cheaply supplied with many sorts of provisions, as rice, poultry, fish, &c. The foreign commerce of the town is still considerable. The foreign commerce of the town is still considerable, though greatly crippled by enormous port-charges and absolute prohibitions against exporting rice or the precious neetals. Specie is, indeed, exported, but only clandestinely. The trade of the empire seaward is principally with the ports of Chittagoug, Dacca, Calcutts, Madras, Masulipatam, and Penang, and occasionally with the Persian and Arabian Gulpbs. No direct trade has yet been carried on between firmah and any Euronean county. The articles expected 16 foreign course. has yet been carried on between filrmah and any European country. The articles exported to foreign countries from Hangcon are teak wood, catechu, stick lac, bees' wax, elephants' teeth, raw cotton, orpiment, gold and silver, gems, and ponies, which are much esteemed at Madras. By far the most important of these commodities is teak timber; the quantity of this wood annually exported is said to be equal to 7,500 full-sized trees. The principal imports are cotton piece goods from India and Britain, British woollens, tron, steet, quicksilver, copper, cordage, borax, sulphur, gunpowder, saltpetre, fire-arms, coarse porcelain, English glass ware, opium, tobacco, cocoa and areca nuts, sugar, and spirits. Of these by far the most important is cotton piece goods, In 1895-27, the exports and imports of Rangoon were estimated each at 300,000l. (Crawfurd, &c., in Commerc. Dict.)

timated each at 300,0001. (Crawfurd, &c., in Commerc. Dict.)
About 2 m. N.N.W. Rangoon, is the celebrated SheeDagon temple, which, though rather smaller than that of
Shee-Madoo, at Pegu (which see), is much more highly
ornamented. The two principal roads leading to it are
lined on either side with numerous pagodas, some of
considerable size. The great temple, similar to that
of Pegu, stands on a planted terrace, raised upon a
rocky eminence, and reached by an ascent of 100 stone
steps. The area of this terrace is about two acres; the
temple at its base is 310 ft. in diameter, and 338 ft.
in height, surmounted by a tex, or umbrella of open
iron-work, 45 ft, in height, and richly gilt. "The
golden temple of the idol may challenge competition, in
point of beauty, with any other of its class in India. The
building is composed entirely of test-wood, and indefatigable pains are displayed in the profusion of rich carved
work which adorns it. The whole is one mass of the
richest gliding, with the exception of the three roofs,
which have a silvery appearance. A plank of a deep
red colour separates the gold and silver, which has a
happy effect in relieving them. All round the principal
pagoda are smaller temples, richly gilt, and furnished
with images of Gaudma, whose unmeaning smile meets
on in every direction; and the sight of which accomwith images of Gaudma, whose unmeaning sulle meets you in every direction; and the sight of which, accompanied by the constant finkling of the immunerable bella hung on the top of each pagoda, combines, with the stillness and deserted appearance of the place, to produce

manufactures of tobacco, chicory, carriages, and machinery and instruments of various kinds; but is principally noted for two congresses held in it; the first, 1714, when a treaty was concluded between Marshal Villars and Prince Eugene; and the second, in 1798-99, which terminated abruptly in the unexplained assassination of two of the Freuch envoys. (Berghaus; Dict.

which terminated abruptly in the unexplained assassination of two of the Freuch envoys. (Berghaus; Dict. Géog.)

RATHKEALB, an inland town of Ireland, prov. Munater, co. Limerick, on the Deel, 17 m. W.S.W. Limerick. Pop., in 1811, 4872. It principally consists of one street, nearly 1 m. in length, which has many good houses and shops. A par. church, a R. Catholic chapel, with an Independent and a Methodist meeting-house, a fever-hospital, dispensary, court-house, and bridewell. Several families of German palatines are settled in the town. General sessions are held four times a year; petty sessions on Thursdays. It is a constabulary station, and has a considerable retail trade. Markets on Thursdays: fairs on 7th Feb., 4th April, 1st and 19th June, 5th Aug., 18th Sept., and 18th Nov. Post-office revenue, in 1830, 3761; in 1836, 8902. A branch of the national bank was opened here in 1835.

RATISBON (Germ. Regensburg, an. Castrum Regissim, afterwards Augustic Tiberti), a city of S. Germany, cap. of the Upper Palatinate, in Bavaria, on the Danube, across which it communicates with its suburb, Stadt-am-Hof, by a bridge, 1,000 German ft. in length, 64 m. E. N.E. Munich. Lat. of St. Emmeran's Tower 49° 0' 59" N.; long. 12° 5' 43" E. Pop. about 23,000, wo-thirds being Rom. Catholics. It is one of the oldest towns in Germany, and has a proportionally antique

two-thrds being Rom. Catholics. It is one of the oldest towns in Germany, and has a proportionally antique appearance. Its streets are narrow and irregular; and its houses, though lofty, are altogether old-fashloned and inconvenient. Many have tall battlemented towers, loopholes for musketry, &c.; and among the large residences are several ornamented with heraldic bearings. The cathedral is a fine Gothic edifice, begun in the 18th century, but the greater part appears to have been constructed in the 18th; its interior was formerly crowded with a number of extraneous ornaments; but these structed in the loth: its interior was infinity crowded with a number of extraneous ornaments; but these have been removed. In it are a few fine works of art, including a bas relief on the tomb of the Primate Dalberg, designed by Canova. Two older cathedrais adjoin this edifice; one, now used as a baptistry, is supposed to date from the 10th or 11th century, and the other is of a still earlier date.

supposed to date from the 10th or 11th century, and the other is of a still earlier date.

Near the cathedral is also a massive square tower, probably a remnant of an ancient Roman fortress. The church of St. Emmeran has some very curious monuments of high antiquity, but it is now half in ruins; and St. Emmeran's Abbey, a large though not a fine building, has been converted into the palace of the prince of Tours and Taxis. The establishment to which the latter belonged was founded long before the time of Charlemagne, by whom it was eularged; and, at the time of its dissolution, it is said to have been 1,200 years old. The Scotch Benedictine convent, a monastic institution in Ratisbon, the small revenues of which has prevented its secularisation, supports two monks and five young Scotch ecclesiastical students. It has a very curious church, supposed to date from the 10th or 11th century. The town-hall, a gloomy and irregular structure, is interesting as being the seat of the German diets from 163 to 1846. The apartments formerly occupied by the diet present little that is remarkable; but beneath the edifice are some dungeons, in which are preserved the rack, and other machinery of torture, formerly in use. (See Murray's Handbook for S. Germany, p. 66.)

The old bishop's palace, in which the emperor Maximilian 11. died, is now a brewery. The ramparts of Ratisbon has a royal academy, Rom. Catholic lyceum, Lutheran gymnasium, theological seminary observatory, public library with 20,000 volumes, school of design, museum of mathematical and philosophical instruments, botanic society, &c. Since it has cessed to be the seat of the German Diet, it has been mostly shorn of its importance; but a good many reseals for the natigation of the Danube are built here; and it has several

be the seat of the German Diet, it has been mostly shorn of its importance; but a good many vessels for the navigation of the Danube are built here; and it has several breweries, distilleries, tanneries, and iron-works. It formerly enjoyed the exclusive right of the navigation of the Danube, upwards to Ulm, and downwards to Vienna. This privilege is extinct, but it still has a large share of the traffic on the river. At Donaustabet, on the Danube, about 6 m. distant, is the Valbalda, a fine Doric marble temple, built by the present king of Bavaria, for the reception of statues and busts of the distinguished men of Germany. This edifice, commenced in 1830, was to be completed in the course of 1841. Hailabon was the capital of the dukes of Bavaria, till their duchy was overturned by Charlemagne. It was alterwards a free imperial city, governed by a count of the empire. In 1809, some severe fighting took place

RAVENNA.

before it between a part of the grand French army, under Napoleon, and the Austrians, to the disadvantage of the latter, who were forced to retire towards Bohessias. (Berghaus, Alg. Länder, &c., iv. 135.; Dict. Géog., &c.) RAVENNA, a city of the Papal States, cap. leg. of the same name, on the Montone, amid extensive but fertile marshes, 43 m. E. S. B. Bologna, 84 m. N.W. Ancona, and 44 m. from the Adriatic; ist. 46 25 16" N., long. 13° 13' 11" E. Pop., about 16,000. It is chiefly deserving of notice for its architectural remains. Having been the cap. of Italy during the last years of the Wempire, and successively the residence of Honorius, Valentinian, Odoacer, Theodoric, and the succeeding Gothie monarchs, it presents many interesting specimens of the architecture of that period, few of which are elsewhere to be found. The empress Placidia, from 423 to 450, and Theodoric, from 493 to 536, embellished it with the best edifices the times were capable of producing; and many of these exist in singularly good preservation. The church of San Vittore is said to date as far back as the early part of the 4th century; but, according to Mr. Woods, what remains of it, even if the date be accurate, is a mere barn, without character. The earliest perfect church is that of Santa Agata Maggiore, completed in the early part of the 5th century, having grante columns, rich marbles, &c., apparently taken from some more anceint edifice. San Giovanni del Sagra was built by Placidia, cono 435; San Francesco apparently about the same date; St. Apollinaris Nuovo, a foundation of Theodoric, and having mosaics of that period; St. Apollinaris, at Chiasai, built by Justinian, on the ruins of an ancient temple of Apollo; and Spiriso Santo, also of the 6th century. In all these churches the general plan and style are nearly the same. They consist of three naves divided by columns, supporting arches; the middle nave terminating in a semicircular recess, covered with mosaics. The roof is of timber, and not concealed. No very distin of timber, and not concealed. No very distinct marks of specific difference are observable in the workmanship, between the structures of the 4th and 6th centuries, except in the ornamental parts: the capitals and mouldings of the later period are much more fanciful. The catbedral of Ravenna was originally founded towards the end of the 4th century; but the present building is modern, and has some freecoes by Guido, bas-reliefs, and rich alters. Near it is the baptistry, an octagonal building, probably of the same date as the ancient cathedral, and almost covered with mosaics, attributed to an archishop who lived about 430. The baptism of Christ is represented on the dome in mosaic, "and the river-god seems also to be introduced into the composition." The church of San Vitale, another octagonal structure, dates from the first half of the 6th century. Here, also, is a little church built by Placidia, whose tomb it contains, with those of Honorius, Constantius, Valentisian III., &c. Without the city is the mausoleum of Theodoric, constructed by his daughter Amaisunta.

But by far the most interesting of all the structure to be seen at Ravenna is the tomb of Dante, the immortal author of the Divina Commedia, who expired here, in exile, on the 14th of Sept., 1321.

"Happier Ravenna! on thy heary shore,

"Happier Ravenna l on thy heary sh Fortress of falling empire! honour The immortal exile." (6 ur'd sleeps (*Childe Harold*, iv. 58.)

He was buried in the church of the Franciscan mor

He was buried in the church of the Franciscan monastery, in a handsome tomb erected by his protector Guide da Polenta, restored by Bernardo Bembo in 1483, again rectored by Cardinal Corsi in 1692, and replaced by a more magnificent sepulchre in 1790, at the expense of Cardinal Louigi Gonzaga. The Florentines repeatedly demanded the ashes of the mighty deed, but these demanded the ashes of the mighty deed, but these demands were uniformly met by a fast and firm denial.

The Porta Aurea, a triumphal arch at the W. entrance of the city, and a few remains, said to be portions of Theodoric's palace, and having, according to Woods, some similarity to those of the palace of Diocletian, at Spalairo, comprise the principal remaining antiquities. The city has ramparts, which, however, are of little service as means of defence. Some of its squares are nest, and ornamented with statues of popes, &c.; and the streets are mostly wide and regular, but dirty; and the houses are old-fashioned, and gloomy. It has a few silk manufactures, and a large annual fair; but, like Padua, it is very dull, and fitter for study than for active business. A monastery has been appropriated to a public library, containing from 30,000 to 40,000 vols.; and a susseum, with a few objects of natural history, antiquities, casts, and paintings. Few of the churches are rich in paintings, but there are some good private galleries. Byron praises Ravenna for its climate, and says, be found much education and liberality of thinking among the higher classes. It is an archibishopric, and the residence of a Papal legate.

Ravenna was originally founded by a colony of Thessilians, most probably on the sea-shore, but in the dars

Ravenna was originally founded by a colony of Thes-salians, most probably on the sea-shore, but in the days of Strabe, it was, owing to the accumulation of mud,

surrounded by marshes. (Lib. v. p. 148) Hence says Silius Italicus

"Legis paludom pencindunt stagnes Ravenna." (Lib. viii. v. 602.)

"Lests pulseless perscheftent stagens Revente."

(Lib. viii. v. 602.)

Being difficult of approach, and well fortified, its advantages as a stronghold and a naval station were perceived by Augustus, who constructed a new harbour, about three miles from the old town, which he connected with the Po and the old city by a canal, and with the continent by a causeway. Havenna henceforward hecame the principal station of the Adriatic fleet, and the new and old cities were nearly joined by intermediate buildings. But the same cause, the accumulation of mod and other matters, brought down by the Po and other rivers, that had destroyed the port of the ancient city, in overy long time destroyed that constructed by Augustus: it is now, in fact, about 4½ m. from the see, and so early as the fifth or sixth century of the Christian are "the port of Augustus was converted into pleasant orchards; and a lonely grove of pines covered the ground where the Roman fleet once rode at anchor!" (Gibbon, 2004, 8vo. ed.) But this very dirematance, though it leaseened the naval fin-portance, increased the strength of the new city, which, from the beginning of the fifth to the middle of the eighth century, was considered as the seat of government, and the capital of Italy. At length the Greek, exarchate being overthrown, the city and its territory was given by Pepin to the Holy See in 773. Subequently Ravenna successively belonged to its own lords, the Bolognee, and the Venetians, till 1509, when it reverted to the Pope. In 1612, the French, under the Duke de Nemours, gained a signal victory over the Spaniards, at a short distance from Ravenna; an event commemorated by an obelisk erected on the field of attile. commemorated by an obelisk erected on the field of mttie

mittie. READING, a parl and mun. bor. and market-town fengland, hund. its own name, co. Berks, of which it the cap., on the Kennett, close to its junction with the hames, and on the line of the Great Bath Road and or le Great Western Railway, 38 m. W. London. Area of trl. and mun bor., which are co-extensive, 2,000 acres. op., in 1841, 18,499. "The town is of considerable size, of appagent prosperity, the inhabs. having increased pidly within the last 15 years. A new high road into e heart of the town, lately completed, is an important provement. There are many excellent houses, and main streets are spacious, containing very good ypa, and being well lighted with gas." (Rossad. Rep.) e town hall, completed in 1788, is a substantial build-well adapted for municipal purposes. The borough

e town hall, completed in 1788, is a substantial buildiwill adapted for municipal purposes. The borough
is small and inconvenient; and the house of corion, though large, is reported to be "deficient in
ous important requisites, hadly ventilated, insecure,
without punishment cells." (Prison Inspectors' 548)
Reading has three par. churches. St. Lawrence
large structure with a fine tower of flint and stone,
ly in the perpendicular style: the other churches
f a mixed architecture; and St. Mary's is remarkfor a handsome tesselated tower. Two of the livings
1 the gift of the lord chancellor, and St. Lawrence
gs to St. John's College, Oxford. There is a chaf-case and a licensed episcopal chapel in the par. of
lary's, and a district church in that of St. Glies;
here are places of worship for Rom. Catholics, Bapere are places of worship for Rom. Catholics, Bapere are places of worship for Rom. Catholics, Bapgs to St. John's College, Oxford. There is a charlease and a licensed episcopal chapel in the par. of lary's, and a district church in that of St. Glies; sere are places of worship for Rom. Catholics, Rapindependents, Wesleyan Methodists, and the Soof Friends. The town has numerous Sundays, furnishing religious instruction to nearly 3,000 cn, and there are several subscription day-schools, ed by about 800 children. The grammar school, ally founded in the reign of Henry VII., and enwith property belonging to the decayed hospital of in, received great additions from Archbp. Land, Thomas White conferred on it two fellowships at n's Coll., Oxford. It enjoyed a high reputation sasical seminary, while the Rev. Dr. Valpy was aster, and was then attended by 120 boys, partly lars and partly boarders; since then, however, it ity declimed; but it continues to be a respectable and is improving. The school is open to sile ether natives or residents of Reading; but none ted free. (Char. Comm. 33d Rep.) A blue-cost ounded in 1646, has an endowment producing; income of 8504, a year, and furnishes cloth-uction, and an apprentice-fee to 40 boys (elected irporation): a girl's green-coat school, in St. r., is supported by subscription. Reading has al, opened in 1839, and numerous almshouses y-charities, few towns in Rugland having so mount of property held in trust for charitable A dispensary, eye-infirmary, and saving' been established within the last few years, ing Institution has an excellent library and and it has also a subscription news-room, institute, small theatre, and two weekly

The trade of Reading is very considerable, but more of a general than specific character. The manufacture of woollens was formerly pretty extensively carried on, chiefly in a large range of buildings known as the Oracle; but the business is now wholly abandoned, and the buildings are considered by themed and silk weavers, of whom

but the business is now wholly abandoned, and the buildings are occupied by ribend and silk weavers, of whom there is a considerable number in and about the town. Floor-cloth and sail-cloth are also produced, and there are several large breweries. The trade of the town was greatly facilitated by the Kennet and Avon Canal and the Thames Navigation, and it has been still more facilitated by the opening of the Great Western Railway, which has here a principal station.

Raading, "which claims to be a bor. by prescription," was incorporated by Henry III., and has received many subsequent charters. Under the Municipal Reform Act, the bor. is divided into 3 wards, the municipal officers being a mayor and 5 other addermen, with 18 councillors. Corporation revenue in 1848-0, 3,269. Quarter and petty cassions are held under a recorder; and a county court is established here, before which 1,030 plaints were entered in 1848. The Lent assiss and whiter quarter sessions for the co. are held here, besides weekly petty sessions. Reading has sent 2 mems. to the 4. of C. strey sessions. Reading has sent 2 mems. to the 4. of C. strey sessions for the co. are held here, besides weekly petty sessions. Reading has sent 2 mems, to the H. of C. since the 23 Edw. I., the right of yoting down to the Reform the 23 Edw. I., the right of voting down to the Reform Act being in the inhabs, paying scot and lot. The electoral limits were left unchanged by the Boundary Act, and in 1849-50 it had 1,306 reg. electors. Reading is likewise one of the polling-places at elections for the co. Markets on Wednesday and Saturday; on the latter for corn. Fairs, Feb. 2., May 1., July 25., and Sept. 21. Reading is of great antiquity, though its origin be unknown. In 1293, Henry III. held a parliament here, and another was adjourned thither in 1453. In the great civil war it was successively occupied by the forces of parliament and of the king. Archbishop Laud was the son of a clothier in this town, where he first saw the

son of a clothler in this town, where he first saw the light in 1573. In his prosperity he did not forget the place of his birth, to which he was a liberal benelace actor.

REALEJO, a port of Central America, on the Pacific, see antè, p. [404.] RED RIVER, see Mississippi.

RED RUTH, a market-town and par. of England, co. Cornwail, hund. Penwith, on an acclivity on the high road between Truro and St. Ives, 8 m. W. S. W. the former, and 11 m. E. the latter. Area of par. 3,770 acres. Pop., in 1841, 9,305. The town consists principally of one long street, built on the side of the hill. It has been greatly extended and improved of late years, baving fully doubled its pop. since 1801; and is pretty well built, paved, and lighted with gas. Among the more recent buildings are a handsome square granite tower, with an illuminated clock in its upper part; and the savings' bank, a neat edifice with a colonnade in front. The par. church, at the foot of the Carn Bre Hill, in S. W., the town, was rebuilt about 1770. The living is a rectory, in the patronage of Lord de Dunstanville, of the ross annual value of 5016. A chapel of case, in the poluted a rectory, in the patronage of Lord de Dunstanville, of the gross annual value of 5011. A chapel of ease, in the poluted style, has, however, been erected contiguous to the town, partly by a grant from the parliamentary commissioners, party by a grant from the parliamentary commissioners, and partly by subscription; the living is a curacy, in the patronage of the rector. There are also meeting-houses for Baptists, Methodists, and Quakers; a grammar-school, erected by voluntary contribution in 1803; with

sensol, erected by voluntary contribution in 1803; with various other private and Sunday schools, a subscription reading-room, and a small theatre.

Redruth owes its importance wholly to the extensive copper and tin mines in its vicinity. The Consolidated and United Mines, between it and Gwennap, are the most extensive of any in Cornwall. In 1836 they employed in all 3,196 individuals, and 21 steamengines, some of which were of the greatest power. One of the shaft in these mines was more than 300 fathoms engines, some of which were of the greatest power. One of the shafts in these mines was more than 300 fathoms deep, the temperature at the bottom being from 96° to 99° Fah. ! (See De la Beche's Geology of Cormealt, p. 601.; Statistics of the British Empire, 1. 1887.) The ore is conveyed by rallways to Deveron, on a creek belonging to Falmouth harbour, and to Portreath, Hayle, &c., on the N. side of the peninsula. Redruth has a brisk general trade. Markets on Wednesday and Friday, which last is one of the largest corn-markets in the W. of England. Pairs, May 24, Aug. 3d, and Oct. 12, chieffy for cattle. Tehiddy Park, the seat of Lord de Dunstanville, is about 2 m. from the town.

is about 2 m, from the town. ville.

wille, is about 2 m. from the town.

RED SEA (am. drabicus Sissue, or Rubrum More), an extensive inland sea between Africa and Arabia, connected with the Indian Ocean by the strait of Bab-el-Mandeb, less than 20 m. across, between lat. 129 40° and 30° N., and long, 32° and 44° E. Extreme length, 1,420 m.; do. breadth, 220 m.; average breadth, 135 m.; estimated area, 185,000 sq. m. It runs in a pretty direct course from N.N.W. to S.S.B., being divided at its N. extremity into two arms, the longest and most westerly of which is the guiph of Sues, at the head of which is the port of the same name, which see. The other branch, which runs N.N.B., having a length of 190 m., is called

the gulph of Akaba, which see. On the promontory between these gulphs is the mountain group of Djibbel-Musa, including mounts Sinai and Horeb, famous in Scripture history. The gulph of Sues is more than Scripture history. The gulph of Sues is more than 180 m. in length, and its breadth may average about 22 m. The strait of Djibbal, the entrance to this gulph, is nearly 16 m. across. The present charts of the Red Sea were formed in 1829, by order of the E. India Company, under the superintendence of Capts. Elwin and Moresby; but a considerable section of its 8, part had been surveyed in 1801 by Sir H. Popham under Lord Valencia. The more recent, however, is the only complete survey that has been made of this important gulph. The Red Sea, though, generally speaking, of great seath (probably averaging 100 fathoms), is in parts studded with rocky islets and hidden coral banks, which extend is into the channel, and sometimes impede the course of vessels. The islands are scattered pretty abundantly in all parts of the sea. Several occur near the entrance of the two northern gulphs; but by far the greater number are found at its S.W. extremity, nearly opposite Massouah, this group being denominated the Dfalak Archipalso. Further S. are several other islands, one of which called Djibel-Teer) comprises an active volcano, rising nearly 1,200 ft. above the sea. (See islands, one of which (called Diblet-Teer) comprises an active volcano, rising nearly 1,200 ft, above the sea. (See Moresby's Sailing Directions for the Red See, p. 36.) The island of Cameran lies S.W. Lohela; and nearly operate Hodeida, in lat 15° N., is the group of the Zebayer islands. The coral reofs of this sea are more numerous and extensive than in any other body of water of equal extent. They extend most commonly in long stripe parallel to and about 1 m. from shore, with which they are in many cases united: the deep water runs close up to their edge; but the banks themselves are seldom more than 5 ft. below the surface. Among the reefs unconnected with the shore, several are at some distance from it, a channel intervening of sufficient depth to admit of navigation by small vessels, and at some distance from it, a channel intervening of sufficient depth to admit of navigation by small vessels, and having good anchorage in stormy weather. These reefs are more numerous on the E. than on the W. coast; but the Dhalak Archipelago is, perhaps, more extensively intersected with them than any other part of the sea. There are also many isolated reefs; but they present few obstacles, owing to the transparency of the water, which renders them easily discoverable. No surf is ever observed on them, how boisterous soever the weather, a circumstance attributed to the porous nature of the coral on the outer edge of the reef. (Wellsteffe Arabie, il. 246.) After all, however, these reefs offer no considerable obstacle to ships, and the shelter which they afford in some cases facilitates navigation without decreasing its speed.

The existence of the islands and reefs just described

its speed. The existence of the islands and reefs just described has led to a division of the Red Sea into a central and two lateral channels. The central channel, between the outer extremities of the reefs extending from either shore, is very deep throughout, and in some parts no bottom has been found, even at a depth of 250 fathoms. The breadth of this channel in the parallel of Djidda is 110 m.; but further S. it diminishes to little more than 40 m. and continues gradually decreasing down to the and breakin or this channels in the parallel of 1) joinds is 110 m.; but further S. it diminishes to little more than 40 m., and continues gradually decreasing down to the strait of Bab-el-Mandeb. The inner channel, on the Arabian side, is formed partly by broken reefs and sunker rocks, partly by islands and long-continued reefs, a large part also being open to the sea: its average width is from 2 to 3 m., and the depth is very considerable, though the anchorage is so insecure as to afford little protection from the sea. The inner channel, on the opposite coast, is similarly bound to that now mentioned; but it is much narrower, and soundings can be obtained only in a few places: the harbours, of which there are seven or eight, furnish tolerably good anchorage, but it is very unasie to anchor on the rocky shelves projecting from the reefs. Both these lateral channels are connected with the open sea by cross channels, some of which, especially N. of lat. 17% are of great width and depth.

The winds of the Red Sea are not uniform in its different parts and channels. With respect to the central channel, it may be observed that the N.E. monsoon here becomes a S.E. wind of considerable force, decreasing, however, as it passes northward, and disappearing about

cannes, it may be observed that the N.E. monutoon here becomes a S.E. wind of considerable force, decreasing, however, as it passes northward, and disappearing about lat. 189, where it is replaced by the N. breezes that prevail during the warm season. The S. winds commence in Oct., and subside at the end of May, when they are succeeded &y N.W. winds, which usually bring with them thick, hasy weather, especially on the Arabian side. In the lateral channels, N. winds, inclining to land and see breezes, are more or less prevaient, land-squalls being very common both in April and May.

The currents of the Red Sea appear to be entirely governed by the winds; for it is observed that with S. breezes they set northward, and with N. winds to the S. It is probable, also, that they increase according to the strength of either, as little or no current is perceptible during the prevalence of light, variable breezes, just before the monsoon. N. of Djidda, however, both the winds and currents are very variable throughout the

year; but here even the latter depend on the former, and a strong 8, wind will cause a current of 20 or 30, and even 40 m. a day. Tides have been observed in a few parts of the coast; but the rise and fall are not sufficient to allow of the conclusion that this sea is subject to lunar influence. The idea that the waters of the Red Sea were formerly at a higher level than the Mediterranean, and that the surface has been depressed by the constancy of currents flowing towards the Indian Ocean, is wholly chimerical: the fact is, that from May to October, during the prevalence of N. winds, the water is 2 ft. lower than the average level; whereas from December to February, when the currents run in an opposite direction, the water collects at the N. part, which accordingly becomes unasually elevated. (Geog. Journ., vi. 32.; Wellsteff's Arabia, ii. 300., and Append.; Sailing Directions, p. 211—219., 3c.)

The country about the Red Sea is more or less moomnainous, though the high lands seldom abut directly on its coasts; indeed when any many had an and the coasts; indeed when any had an any had an and the coasts; indeed when any had an any had an any had an any had an and had a common the coasts; indeed when any had an any

The country about the Red Sea is more or less mountainous, though the high lands seldom abut directly on its coasts: indeed, this sea may be described as the lower part of a valley bounded eastward by the table-land of Arabia, and westward by a range of mountains rising from 4,000 to 6,000 ft. above the sea. Between the high grounds and the shore, however, a level district intervenes, of some extent, and considerable fertility; but it is almost uncultivated, the inhabitants living in idleness, and contenting themselves with the wretched pittance that may be obtained by pasturage, and the plunder of the Hadi season. Nothing, indeed, can be conceived more wretched and degraded than the condition of the people dwelling in the villages bordering the Red Sea. the Red Sea.

conceived more wretched and degraded than the condition of the people dwelling in the villages bordering the Red Sea.

The principal harbours on the E. side of this sea are Mocha, Hodeida, Loheia, and Djidda, the first and last being by far the most important: Sues, Cosseir, Snakim, and Massouah, are the chief places on the African side; and a pretty active communication is kept up between the inhabs. of the opposite shores, more particularly as the sea is croased by all the African pilgrims on their way to Mecca and Medina. The vessels employed in transporting the pilgrims and their merchandise may amount to about 400, each averaging 180 tons; and the pilgrims from Africa alone are said to average 20,000 annually. (Geog. Josswal, vi. 89.) Grain, also, and slaves are large articles of trade between the two shores: the grain is shipped at Cosseir, wholly on account of Mehemet Ali, pacha of Egypt; the slaves are brought almost exclusively from Suakim and Massouah. Mocha being the only port whence goods are exported, the Red Sea has not, till within the last few years, been much frequented by foreign vessels, except those belonging to pilgrims from Persia and India, with the merchandise of both countries; wheat, tobasco, dates, and Persian carbets being brought by the former, and ries, sugar, mulius and other fabrics, indigo, spices, and handsome young females, by the latter. Codee, frankincease, and gums are sent in exchange from Mocha; but the returns from the other ports are in cash, pearls, &c. (Geog. Josswal, vi. 91.) Within the last few years, however, the navigation and commerce of this sea has greatly increased; and stemmers have been regularly established between Sues and India, by means of which, and of the steamers from Alexandria to Marwellies, Bombay is now brought within less than 60 days' distance of England!

The gales in the N. part of the Red Sea offer some impediments to steamers; but we learn from Wellsted and other Indian officers, who have engaged in the survey and packet-service, that there vey and packet-service, that there are no obstacles which experience and perseverance may not overcome. Diposit for coal, stc., are already established in different parts, and the steam-packets now run with almost undeviating regularity. The beneficial consequences of this communication, too, will, in all probability, not be confined to England, Egypt, and India; for it is scarcely to be supposed that the Red Sea can become the high road from Britain to her Indian possessions, without a portion of posed that the Red Sea can become the high road from Britain to her Indian possessions, without a portion of the commerce carried on between the Bastern and Western worlds again reverting to this its ancient and most direct channel, and without the diffusion of industry and civilisation among the barbarous hordes that now inhabit

s coasts.

The Red Sea is first mentioned in sacred history in The Red Sea is first mentioned in sacred history in connection with the miraculous passage of the israelites across the Guiph of Sues. (Erod. Nr. 21.) In the time of Solomon two ports, Elath and Etiongeber, were established on the Guiph of Akaba; and the Phornicians seem to have carried on a large trade on this sea, though, probably, they had no direct communication with india. The early Greek writers, including Herodotus, seem to have had very vague notions respecting the Red Sea; for the 'Erofés Seafaron apparently comprises, in their estimation, the whole extent of coast from the Indus to the coast of Africa. During the flourishing period of the Persian empire, the Persian Guiph was the medium through which Europe and Western Asia received the wealth of the East; but under the successors of Alexander, especially the Ptolemies, who exerted them. lves to promote the trade of this sea, it became an portant channel of intercourse between Europe and dia and the East. This intercourse continued with life intermission, though not to the same extent at all iss, till the discovery of the passage round the Cape of od Hope, by which commerce was diverted into a olly different channel. The time, however, seems s to have arrived when the Red Sea is again to rever a portion, if not the whole, of its ancient imtance as a great commercial highway.

rance as a great commercial nighway. Treat discrepancy of opinion has prevailed respecting origin of the name. According to Pliny (Hist. Nat. vi. cap. 23.) and Quintus Curtlus (lib. viii. cap. 9.),

vi. cap. 23.) and Quintus Curtius (lib. vill. cap. 9.), Greek name signifying red, is derived from Erythros, go of the adjoining country. But the more probable sion seems to be that it is digrived from the great tolance of coral found in it. (Williate's Arabia, vol. ii. im; Moresby's Sailing Directions, pp. 200—223.; g. Journ, vols. vi. and vii., &c.)

EGGIO (an. Rhegium Julit), the most S. city and port of Italy, in the Neapolitan dom, prov. Calabria a 1, of which it is the cap., on the E. side of the it of Messina, 8 m. S.E. Messina, and 78 m. S. W. naro; lat. 38° 7 N., 10mg, 15° 55′ E. Pop. 8,000. city, it is inferior to its opposite neighbour Messina; it has a fine situation in the midst of orange grower, il supplied with excellent water, and its climate is il supplied with excellent water, and its climate is to be the best in all the continental dom, of Naples, former town was destroyed by the earthquake of since which Reggio has but slowly recovered its crity. It has been laid out on a regular plan, which, completed, will render it a handsome city. A wide completed, will render it a handsome city. A wide called the Marina, extends along the sea shore, lel with which the principal street runs through the s of the town. The houses are in general good; s it stands on a gentle declivity, it is well drained. a collegiate and many other churches, several nts, a royal college, hospital, foundling asylum, and dsome theatre. It is surrounded with walls, outshich are several suburbs. Its ancient fort no exists. Reggio is the seat of an archibishop, and vil and criminal tribunal. It has manufactures of stockings. See of silk and produces some atstockings, &c. of silk, and produces some ar-from the filaments of the Pinna marina; which, il and fruit, are its chief exports.

il and fruit, are its chief exports.

ancient Rhegium was one of the most celebrated
arishing cities of Magna Graecia. It was founded
700 years n.c., by aparty of Chalcidians, Zancleans,
per Greek colonists; and was for 200 years the cap,
of the principal republics of S. Italy. The governras subject to the same mutations as that of the
breek cities, being sometimes under a democracy,
re frequently under an oligarchy, or a single
It was besieged by the elder Dionysius, tyrant
cuse, who having succeeded in cutting off all
ilcation between the sea on the one hand and the
on the other, reduced the inhabs, to such dis-

on the other, reduced the inhabs, to such dis-want of food, that a bushel of wheat is said to want or room, that a pushed of wheat is shift to m sold for 5 minas, or, according to the usual of computing, about 15t. 12s. 6st. At last, after g the most dreadful privations, they were obliged ider, when most of those who survived were ider, when most of those who survived were aves to Syracuse. It, however, again recovered tion of its former importance, and succeeded in an attack of Hannibal. Augustus established in the city. It produced several distinguished of Pythagoras, some historians of celebrity, distinguished sculptors. It suffered in anti-well as in more modern times, from earth-(Mitford's Greece, v. 452., ed. 1838; Ancient History, vili. 29. 8vo. ed., &c.)
(an. Regium Lepidi), a city of N. Italy, cap of the Duchy of Modena, between the Tessone lo., tributaries of the Po, 16 m. W.N.W. Mo-15 m. S.E. by E. Parma. Pop. about 18,000. led by ramparts and a citadel, and is a well-

led by ramparts and a citadel, and is a well-ather handsome, though miserably dull town. ather handsome, though miserably dull town, are regular, and bordered with arcades. It handsome churches, numerous convents, a theatre, lyceum, public library, and a library of antiquities, collected by Spallanzani. des remain, except a statue in the principal ditionally said to represent Brennus, the r. Reggio has manufactures of silk and

r. Reggio has manufactures of silk and horn, wooden, and wory articles, &c.; with cattle and agricultural produce, and a large asts during the entire month of May. It is have been founded by M. Emilius Lepidus, ted the famous Æmilian way. It was here re Brutus was slain by order of Pompey. Sected Reggio into a dukedom for Marshal mong other distinguished individuals to win has given birth, may be mentioned Arithe greatest of Italian poets, born here on upt., 1474; and the naturalist Spallanzani: s also to boast of being the birth-place of ster, Antonio Allegri, surnamed Corregio.

(Cramer's Ane. Italy, L. 85.; Rampoldi; Dict. Géog.,

REICHENBERG, a town of Bohemia, and, next to Prague, the largest and most flourishing in that king-dom, circ. Bunziau, in a well wooded part of the Laus-nitz mountains, 274 m. N.N.W. Gitschin, and 56 m. N.E. Prague. Pop. 13,500. It has 3 par. churches, 2 carlies, a fine school-house, a new theatre, and the largest brew-

Prague. Pop. 13,500. It has 3 par, churches, 2 castles, a fine school-house, a new theatre, and the largest brewery in Bohemia. It has manufactures of woollen cloth and yarn, cottons and linens, with numerous dyeing-houses, &c. (Aust. Nat. Enege.; Berghaus.) REIGATE, a pari. bor., market-town, and par. of England, co. Surrey, hund. its own name, in the valley of Holmsdale, at the foot of a range of chalk-hills, traversing the co, from E. to W., 16 m. E. Guildford, and 18½ m. S.S.W. London. Area of parl. bor., which is co-extensive with the par., 5,900 acres. Pop., in 1841, 4,415. The town, which consists of a principal thorough-fare running E. and W., crossed at one end by another 4,419. The town, which consists of a principal thorough-fare running E, and W,, crossed at one end by another at right angles to it, is "small, but remarkably neat, with a greater number than usual of gentlemen's houses attached to it." (Round. Rep.) The church, in the fields a little E, the town, is a large structure, in the perpendicular style, with an embattled stone tower, the rest of the building being of grey limestone: in the interior are many handsome monuments, and in an attached. rest of the building being of grey limestone: in the in-terior are many handsome monuments, and in an attached building is a public library. The living is a vicarage of the annual value of 418L, in private patronage. The Wesleyan Methodists, Baptists, and the Society of Friends, have their respective places of worship, with attached Sunday-schools; there is, also, a large national school for children of both sexes, and a small grammar-school. The market-house and town-hall is a small brick building of no pretensions to hearny; and near it is brick building of no pretensions to beauty; and near it is a clock-house, occasionally used as a prison. A castle once stood on an eminence N, from the town; but the only parts now remaining are the moat, and a curlous excavated chamber, once used either as a prison or store-house. The priory, the property of Earl Somers, an elegant modern mansion at the S. end of the town, built on the site of an Augustine monastery, has an attached park of 70 acres. Reigate formerly carried on a pretty considerable trade in oatmeal, no fewer than 20 mills being employed, previously to the American war, in its manufacture; but this business has since so much declined, that only one and remains. At present it does manufacture; but this business has since so much de-clined, that only one mill remains. At present it de-pends principally on its being on the line of the principal thoroughfare between Brighton and London; an advan-tage which, bowerer, it will probably lose, now that the Brighton Railway, which passes about 1½ m. W. from the town, is completed. Fuller's earth and white sand are found in considerable quantities in the neighbourhood, which produces an abundance of medicinal and other plants.

plants.

Relgate is a bor. by prescription, its governing officer being the bailiff of the lord of the manor. It sent 2 mems. to the H. of C. from the 23. Edw. I., down to the Reform Act, the right of election being in the burgage holders, of whom, in 1831, there were only 8, wholly under the influence of Earl Somers, the lord of the manor. The Reform Act deprived the bor. of one of its mems., and extended the electoral limits so as to comprise the entire par. Reg. electors, in 1849-50, 213. It is a polling place at elections for E. Surrey. Petty sessions for the hund. and the spring quarter sessions for Surrey are held here by the co. magistrates. Markets for corn, &c., on Tuesday; and a cattle market the first Tuesday in each month. Fairs, Whit-Monday, Sept. 14., and Dec. 9.

REMI, or REMY (ST.), a town of France, dép.

14., and Dec. 3.

REMI, or REMY (ST.), a town of France, dep.

Bouches-du-Rhone, cap. cant., in a valley 15 m. N. E.

Arles. Pop., in 1836, ex. com., 3,238. It was formerly

surrounded with a double line of ramparts; but these
have been levelled, and their place is occupied by a fine
december. Proceeming. Streets, narrow and irregular. have been levelled, and their place is occupied by a fine circular promenade. Streets, narrow and irregular; but there are many good houses. The town-hall, new par, church, and a lunatic asylum are the principal pub-lic buildings. St. Remi is chiefly remarkable for its Roman antiquities, about 1 im, from the town, and sup-posed to belong to the an. Glanwess. They consist of 2 edifices; one an arch somewhat similar to the central portion of that at Orange, but much mutilated; the other a beautiful Corinthian monument, square at its have, but circular above, appearing from an inscription base, but circular above, appearing from an inscription to have been erected by Sextus L. Marcus to his parents,

to have been erected by Sexius L. Marcus to his parents, whose statues are in the circular portion of the structure. This relic of antiquity, an engraving of which is given in Wood's Letters, l. 169., appears to be in good preservation. The Abbé Expilly, one of the most laborious and useful topographical writers of last century, was a native of St. Remi, where he first saw the light in 1719. His principal work, entitled Dictionnaire Géographique, Historique, et Politique des Gaules et de la France, in 6 tomes folio, is incomplete, reaching only to the letter S.: it contains a wast fund of information.

RENAIX, or RONSE, a town of Belgium, prov. E. Flanders, arrond. Oudenarde, cap. canton, 20 m. S.S. W.

Ghent. Pop., in 1886, 13,230 (Henschling.) It is in a fine situation, and is embellished with several public fountains: its old castle is now in ruins, but it has some good public buildings. It has manufactures of cotton, woollen, and linen stuffs, hats, beer, and chocolate; with a considerable trade in lineus, a monthly and 2 weekly markets, and 2 large annual fairs. (Vandermacies, Dict. Fland.

punic commings. It has shear, and chocolate; with a considerable trade in linens, a monthly and 2 weekly markets, and 2 large annual fairs. (Vandermacles, Dict. Fland. Orientale.)

RENFREW, a small maritime co. of Scotland, having N. and W. the river and Frith of Clyde, S. Ayrahire, and E. Lanarkahire. Area, 145,360 acres, of which about a half may be arable. There is a large extent of hilly, moorish ground, in the W. parts of the co., and along the confines of Ayrahire; but from Port Glasgow, eastwards along the Clyde it is comparatively flat. Soil very various; being in parts thin and aandy, while in others it consists of a deep, loamy, fertile clay; and the country being in general well enclosed with hedges, and ornamented with gentlemen's seats and plantations, has a rich appearance. Tillage husbandry is still in a rather backward state, and neither the rotation of crops nor the management of the land is so well understood as might have been expected. "Much, however, has been drained, and the rotation of crops improved." (New Statistical Account of Scotland, art. Lockhismock, co. Renfrew.) Farm-houses and offices have, also, been greatly improved. On the whole, however, the co., from the humidity of the climate and the nature of the soil, is better adapted for graxing and dairying the latter of these is extensively followed) than for tillage. There are several large estates, but property is, notwithstanding, a good deal subdivided. Farms of a medium size. Average rent of land, in 1843, 21s. 23d. an acre. There are valuable coal mines near Palsey and the eastern parts of the co., and limestone and freestone are very generally diffused. Palsey is the principal seat of the Scotch shawl manufacture; and, next to Glasgow, which are both in this county, are considerable sea-ports. Principal rivers, White-Cart, Black-Cart, and Gryfe. The co. is divided into 16 parishes, and sends 7 mem. Principal rivers, White-Cart, Black-Cart, and Gryfe. The co. is divided into 16 parishes, and sends 7 mem. Principal rivers, Whit

2.411.

RENNES (an. Condate, afterwards Resonce), a city of France, dep. Ilie-et-Vilaine, of which is the cap., in a plain, at the confluence of the Ilie and Vilaine, 61 m. by W. Nantes; lat. 48° 65' 80' N., long. 10' 40' 47" W. Pop. in 1846, inc. com., 38,323 The Vilaine divides Rennee into an upper and lower town. The former, which is the largest, is regularly built, and handsome; the lower town is quite the contrary. The houses in both are, however, of a dull grey stone, which gives the city a sombre appearance.

Rennes has several tolerable squares, as that of the Palais & Fastice, in which was formerly a bronze eque-

Rennes has several tolerable squares, as that of the Palati de Justice, in which was formerly a bronze equestrian statue of Louis XIV.; and the Place and Armes, planted with lime trees, and forming a favourite promenade. But it has neither public fountains nor covered market-places; and, for a city of its size, there are few public buildings worth notice. Though not fortified, it has several gates, on one of which is an almost effect Latin inscription in honour of the emperor Gordian. Opposite this gate is the cathedral, a heavy-looking edifice, with a front fanked by two square towers, and ornamented with five rows of columns of different orders.

Several of the other churches are in much better tasta. The town-hall is one of the best public edifices. It has been rebuilt, together with a large part of the city, since a destructive fire in 1720, and comprises a large saloun, used for public fittes, the halls of various judicial courts a public library of above 20,000 vols., schools of design a pussic norary of above 20,000 vols., schools of design and architecture, and the apartments occupied by the mayor. The hotel appropriated to the use of the royal court, tribunal of commerce, law-school, &c., is a building in the Tuscan order, having some good paintings and arabeques.

Representations

Rennes has several hospitals, a house of correction, in which various manufactures are conducted, an arsenal, artillery forges, and various military schools. It is the seat of a bishop, whose diocese comprises the dcp. Iliset-Vilaine; it is also the seat of the royal court for the bdéps. of Brittany, the cap. of the lith military division, and has a chamber of manufactures, a faculty of law, a secondary school of medicine, 3 seminaries, a tolerable museum of painting, and some other scientific establishments. In the immediate vicinity are several good promenades; the principal, the Thabor, formerly a garden of the Benedictines, on a height above the city, has a statue of Duguesclin. Rennes has several hospitals, a house of correction, i

as a statue of Duguesclin.

Though favourably situated for trade, Rennes has fe-Though tavourably situated for trade, Kennes has sew manufactures: the principal are those of sall-cloth, for the navy, &c., fishing-nets, and twine. It has, however, a considerable traffic in linens, butter, cyder, and pre-visions, which is much facilitated by the canal of Hie and Rance, and that between Nantes and Brest. It has 12 annual fairs.

has 12 annual fairs.

Rennes was the cap. of Brittany from the 9th century to the Revolution. It has produced numerous distinguished men, among whom may be specified the famous Constable Dugueselin, born in the castle of Motte-Broon, in the immediate vicinity, in 1314; La Bletterie, the author of the History of Italian Literature, &c. (Hugo, art. Ille-ti-Vilaine; Guide du Voyageur; Dict. (Mos.)

the author of the lives of Julian and Jovian; Ginguéne, the author of the History of Italians Literature, &c. (Hingo, art. Illec-ti-liane; Giede du Voqueguer; Deci. Géog.)

REPTON, or REPINGTON, a par. and village of England, co. Derby, hund. Repton, on a small affluent of the Trent, 6 m. S. W. Derby. Area of par. with Bradby chapelry, 6,440 acres. Pop., in 1841, 2,341. The town consists principally of a street of seattered bouses, about one mile in length; its inhabitants being chiedy agricultural. The par. church is a spacious structure, with an elegant spire, and several handsome monuments. The living, a perpetual curacy, in the gift of Sir G. Crewe, is worth 1321. a year. A free-school, well endowed in 1568, is held in the remains of a priory of Black Canone, established in 1172.

REQUENA (an. Loretsus), a town of Spain, in New Castile, prov. Cuency, on the Magro (a tributary of the Jucar), 43 m. W.N. W. Valencia. Pop., according to Miliano, 10,863. It is surrounded with walls, and commanded by an old castle, built on an eminence: the streets are tolerably straight, lined with well-built houses, and, as in most Spanish towns, there is a spacious plaza, in the centre of which is an ornamental fountain. Three par. churches and a college are the only public buildings. The chief employment of the inhabs. Is in weaving ribands and silk goods. There has been a great increase of activity since the restoration of tranquillity; and Requeña now furnishes a large supply of these articles to Madrid, Seville, and Cadix. A fair is held annually in September. The neighbourhood, a portion of which is irrigated, is well cultivated, and furnishes corn, wise, fruit, saffron, and large quantities of silk. During the war of the succession, in 1706, the castle was taken by the English, but retaken the following year by the Fresch under the Duke of Orleans. (Miliane; Dict. Géog., gc.)

RETFORD (EAST and WEST), a parl. and mun. bor. of England, co. Nottingham, wapentake Bassetlaw, on the lide, a tributary of the Trent, 36m. N. N.

Retfird is a vicarse, raise 140L. a year; patron, Sir R. Sutton: that of West Retford is a rectory, in the gift of the corporation of East Retford, value 264L. a year. (Ret. Rev. Rep.) In the suburb of Moorgate is a new chapel of ease, in the Cothie style: there are in the town places of worship for Baptista, Independents, Wesleyans, &c. The town-hall is a convenient building, surnounted by a cupola, and having baneath a good nerket-place. There are 2 almshouses, one for old nen, the other for women; a free grammar-school, ounded by Edward VI., of which the municipal auborities are trustee; a national school, established a 1818, various minor charities, a news-room, and a mall theatre. There is no manufactory of any kind in the town, which depends entirely for its support upon a retail trade carried on with the inhabs. of the surnumding agricultural districts. (Mess. Corp. Rep.) Liling was formerly extensively carried on, and hataking and the manufacture of worsted were intro-cec; but these branches have nearly ceased. The le is not navigable at Retford; but it communicates the Trent by the Chesterfield Canal, which passes of the town, and is carried over the Idle by an aquect. East Retford is governed by 4 aldermen and 12 inciliors, and had formerly petty sessions, &c.; but Municipal Reform Act orders that it shall not have ommission of the peace unless upon petition or grant. ct. East Reford is governed by 4 aldermen and 13 noillors, and had formerly petty sessions. &c.; but Municipal Reform Act orders that it shall not have ommission of the peace unless upon petition or grant. Viously to this act, its police was reported to be very ficient, and the administration of the corporate and revenues had been very unsatisfactory. (Mss. 1., Append.) It is said to have been a bor. by prescription of the corporate and revenues had been very unsatisfactory. (Mss. 1., Append.) It is said to have been a bor. by prescription of the corporate and revenues to the H. of C. in the 5th Edward II., continued to enjoy this privilege down to 1826. But using been proved that gross briberly had been pracal at the election that then took place, it was proposed ne party to incorporate the adjoining hundred of claw with the bor., and by another to transfer the hise to Manchester, Birmingham, or some other of rest towns that were then unrepresented. After hened discussion, the first-mentioned plan was dto, so that the part. hor. of East Retford is now ical with the hundred of Bassetlaw. Registered years, in 1845-80, 2,544. Markets at East Retford is now ical with the hundred of Bassetlaw. Registered by a wooden bridge, 26 m. S. W. Mesières. Pop. 5, ex. com., 7,507. It is pretty well laid out, and oving; but the houses are still mostly of wood, ere is no remarkable public building.

If we have a steep declivity beside the Alsne, here dy a wooden bridge, 26 m. S. W. Mesières. Pop. 5, ex. com., 7,507. It is pretty well laid out, and oring; but the houses are still mostly of wood, ere is no remarkable public building.

If we have a steep declivity beside the Alsne, here dy a wooden bridge, society of agriculture, theatre, hospitals, and two prisons. It is chiefly noted for len manufactures, which are estimated to employ 600 to 1,800 hands, mostly spinners. As in mostly of the first own has many iron forges, breweries, and a tower than in Rheims; but provisions, &c., are and, on the whole, the woollen spinners of r

. i. 248-252.) L, a gov. of European Russia. (See ESTHONIA.

iL, a gov. of European Russia. (See RSTHORIA, Eath. Tallies., Russ. Kolprom), a sea-port town in Europe, cap. of the above gov.; on a small S. side of the Culph of Finland, 200 m. W. S. W. g; lat. 39° 26° 38° N., long. 30° 44° 30° E. Pop. 200. The city proper, included within the is small; and though it has many good brick streets are narrow and irregular. There are theran, a R. Cath., and some Greek churches, lifeces; and various charitable and educational ents, the latter including a gymnasium, episary, and a school (penson) for nobles. The interpretable of the school of the provincial; the municipal officers, who are elected by ide in the town-hall. The admiralty is the maining public building. The suburbs, contly of wooden houses, cover a large extentiong the shore. Revel is much resorted to ig place, and has some good warm baths, a smal clubs or casinos, and 3 or 4 public list of which, the property of the city, is said by imprise 10,000 vets. This town is one of the Russian fleet, and has a harbour defended atteries. This port, which was materially 1830, is deeper than that of Croustid, e difficult of entrance. The roadstead, some islands, is well sheltered: the song I.

RHEIMS.

duration of the frost is the principal drawback on Revel as a naval station, though that is a disadvantage which it shares in common with the other Russian ports in the Baltic. Though not connected with the interior by any navigable river, Revel has a considerable trade, it principal exports are corn, spirits, bemp, fax, timber, and other Baltic produce; the imports consist of colonial produce, herrings from Holland and Norway, salt, it cheese, wine, tobacco, fruits, dye stuffs, cotton yarn, stuffs, and other manufactured goods, &c. A portion of the customs' revenue is enjoyed by the town.

Revel was founded by the Danes in 1218, and afterwards sold by them to the Knights of the Teutonic Order. In 1561 it came into the possession of the Swedes, but was taken from them by the Russians in 1710. Near it is the Katharimenthat Palace, built by Peter the Great; the gardens of which are a favourite public promenade. (Schnikzler; Posseri, &c.)

REUS, a town of Spain, in Catalonia, 9 m. W. Tarragon, and 54 m. W. by S. Barcelona. Pop., according to Mifsano, 34,660. It stands on a plain gently sloping towards the coast, and comprises several streets lined with good houses, with numerous churches, hospitals, barracks, an orphan asylum, theatre, and handsome public fountains. The inbaba. are extensively employed in the manufacture of silk and cotton fabrics, hats, soap, &c.; besides which, there are large dys-bouses, bleeching, in fact, Reus may be regarded as one of the most importance in manufacturing towns of Catalonia, and the numerous handsome houses in its neighbourhood sufficiently indicate the industry and prosperity of its inhabs. The town is connected by a canal with the port of Salon, whence its products are exported in exchange for rice, flour, cod-fish, anchories, &c. Its weekly market is one of the last century. Wiffsener, Zerview of the last century. Wiffsener, Zerview of the last century.

products are exported in exchange for rice, flour, cod-fish, anchovies, &c. Its weekly market is one of the largest in Spain, and is frequently attended by upwards of 10,000 persons. The town was founded in the middle of the 18th century; but its present importance is wholly consequent to the establishment of alk and cotton manufactories at the close of the last century. (Milseno; Laborde, Historier & I. Espagne; Dict. Géog., &c.)

REUSS, a territory of Central Germany, forming two indep, principalities, bot vere lat. 50 20° and 51° N., and long, 11° 45° and 13° 15° E., having S. Bavaria, E. Saxony, and N. and W. the territories of Prussia, Cobourg, Gotha, and Weimar, the last dividing it into two unequal portions. Area, 881 sq. m. Pop., in 1846, 110,819. Surface generally hilly: in the N. R is watered by the Elster, in the S. by the Saale. Tillage is less an occupation of the inhabs. than the rearing of cattle and sheep. The most fartile tract adjoins the town of Gera. Woods comparatively extensive, and one of the chief sources of national wealth. Woollen, linen, and cotton fabrics are produced; mining is little followed, and the only metallic works are a few iron-forges. The inhabs. are almost all Lutherans. The territory of the elder branch of Reuss consists of the lordships of Greix and Burgh, having an area of 144 sq. m., and a pop., in 1838, of 33, 100. Greix is the chief town, and seat of the superior judicial court, whence appeal lies to the tribunal of Jena. The public revenue amounts to about 80,000 dollars a year; the contingent to the army of the confed. being 222 men. The younger branch of Reuss has a territory of 447 sq. m., composed of the lordships of Schleix, Lobenstein-Ebersdorf, and Gera, with a pop. of 82,700; chief town, and seat of gov. Schleix. Appeal from the courts of this principality lies also to Jena. Public revenue, about 285,000 dollars; contingent to army, 522 men. Each branch has a separate vote in the full diet of the German Confed., and together with Hohensollern, Lippe, Lichot

cuous edifices.

It has manufactures of leather, lace, net for women's caps, of the annual value of 100,000 florins; clocks and watches, &c.; with dyeing and bleaching factories, and printing establishments, whence many pirated editions of German works have issued.

of German works have issued.

Reutlingen was the first town in Swabla which embraced the Reformation. (Memminger Beach: som Warlomberg; Berghaus, &c.)

RHEIMS or REIMS (anc. Durocortarum, post. Remt), a celebrated city of France, dép. Marne, of which, though not the cap., it is by far the largest town, cap. arrond., in a plain near the Veale, a tributary of the Aisne, 27 m. N.N.W. Chaions, and 55 m. E. by N.

RHEIMS.

Paris: let. 490 ld' 41" N., long. 40 9' 47" B. Pop. in 1846, 42,481. It is surrounded by ramparts faced with stone, which, being planted with trees, form agreeable public walks; and there are other promenades in the immediate neighbourhood. It is about a league in circuit, and is entered by six gates, one of which, the Porte Newe, a triumphal arch, with handsome doors of open iron-work, was raised in honour of Louis XVI. at his coronatism. Two principal thoroughfares, which meet in the Place Royale, divide the city into four unequal portions. It is tolerably well laid out, its streets being wide, straight, and generally clean: it has several good squares; but its houses are small, having mostly only two floors, and are constructed with monotonous uniformity. Water-works, beyond the walls, distribute the waters of the Veale through the town, but, according to Hugo, in insufficient quantity; and there is not one handsome public fountain. It has, however, some remarkable public edifices.

The cathedral, one of the largest and most magnificent in Europe, is that in which the coronation of the French kings has taken place, with few exceptions, from the zero of Phillip Augustus. It was chiefly constructed between 1212 and 1242. It is 479 ft. in length, 99 ft. in breadth, and 144 ft. in height. It has a noble front, flanked with two square towers, 2622 ft. in height. Of the three grand entrances on this side, the central is 504 ft., and those on either side 224 ft., in width; above the former is a beautiful circular window. The whole front is ornamented with nearly 500 statues, and a great number of columns and bas-reflect; and similar decorations abound in every part of the exterior. In one of the towers is a bell weighing 23,000 lbs. This cathedral has some fine stained glass, tapestry, marble pavements, &c.; a very fine organ; the "washing the feet," a cher deserved for the terms of Poussin; various curiosities, including the font said to have been used in the baptism of Ciovis, and the tomb of Jovinus, a of the Revolution.

of the Revolution.

Rheims, which was a place of great consideration under the Romans, had various other antiquities, but they were mostly destroyed or carried of during the period in question. The most remarkable ancient monument now existing is the Porta de Mars, one of the city gates; a triple archway, ornamented with eight Corinthian columns, and numerous bas-reliefs, though these are now greatly defaced. This arch appears to have been erected in honour of Cesar and Augustus, when Agrippa was governor of Gaul. Without the walls are the traces of an amphitheatre.

are the traces of an amphitheatre.

The church of St. Rend, constructed in 1041, is considered the oldest in the city. It occupies almost as much ground as the cathedral; and though much less lofty and ornamented, is in a similar style of architecture. ture. It contains the remains of the ancient and curious mausoleum of St. Remi. The town-hall, an edifice of the time of Louis XIII., with whose statue its front is mausoleum of St. Remi. The town-hall, an edifice of the time of Louis XIII., with whose statue its front is ornamented, the new prison, maison rouge, which has some historical interest, theatre, several hospitals. Sc., are among the other chief objects of notice. In the centre of the Place Royale is a bronze statue of Louis XV., surrounded with allegorical figures, erected in 1818, to replace a similar statue destroyed in 1793. Rheims is the seat of an archibishop, whose suffragans are the bishops of Amiens, Beauvais, Chalons, and Soissons, and of courts of assize, original jurisdiction, and commerce, a council des prud'hommes, chamber of manufactures and arts, a royal college, &c. It has a public library of 24,000 printed vols. and 1,000 MSS., a botanic garden, schools of mutual instruction, a seens de piété, savings' bank, &c.

Rheims is the centre of the manufacture of woollen stuffs, which extends over nearly the wholedep. of Marne, and the adjacent deps. of Alsne and Ardennes. In 1824, these manufactures were estimated to occupy 50,000 hands, of whom 12,000 were settled in Rheims. About 3,000 of the latter were weavers, 1-10th part of whom wrought at jacquard-looms; 1,500 were employed in spinning yarn, 4,000 in fulling, washing, and otherwise preparing the fabrics made. For the last 25 years the woollen manufacture of Rheirs has made a considerable progress in most of its branches. Wages are good.

woollen manufacture of Rheirs has made a considerable progress in most of its branches. Wages are good. Those of workmen vary, according to the work, from 12 up to 45 fr. a day; women from 75 to 12 fr.; and chit. dren from 50 to 75 c. But the average is estimated to be, for ist class workmen, 23 fr. to 3 fr.; 2d class, 14 fr. to 3 fr.; 2d class, 14 fr. to 3 fr.; 2d class, 15 fr. to 15 fr. 25 c. daily. They usually work for about 13 hours a day; those living in the city being mostly employed in the workshops of the manufacturers. In general the workshops of the manufacturers, and more are as better to be improvident, and few save money. The vice of drunkenness is very prevalent; and more are as bed or worse, perhaps, than in most manufacturing towns of France. From 1825 to.

RHIN (HAUT).

1828, the proportion of illegitimate to total birtis amounted to about 1 in 4. (Fillermé, Tableas des Ousriers, 1.216—247.) Rheims also produces soap, candles, biscuta, and gingerbread; and has breweries tanneries, leather-factories, &c. It is a principal dépôt for the wines of Champagne, large quantities of which are stored up in cellars, similar to those of Epermay, which see. Besides its trade in woollen manufactures and wines, it has a considerable trade in cotton stuffs, flour, and other agricultural products, &c. Under the Romans, Durocoriserum was the cap. of Belgica II., and was distinguished as a seat of letters and philosophy. It became a bishopric before the irruption of the Franks, and received many privileges from the Merovingian kings. In 1289, Rheims successfully resisted the arms of Edward III. In 1647, a university was founded in it, which lasted till the Revolution, when it was suppressed. In 1814, it was taken by the Russians, who were soon after expelled by Napoleon, with great loss.

Among the great men of whom Rheims has to boast, the most distinguished by far is Colbert, minister of nance during the most splendid period of the reign of Louis XIV., born here on the 29th of August, 1619. It has also given birth to the Abbé de la Pluche, the historian Vely, &c. (Hugo, art. Marne; Villermé, Tableass des Ouserters; D'Assille, Notice de la Gaule, 290., &c.)

RHIN (BAS, or LOWER-RHINE), a frontier dép.

has also given birth to the Abbé de la Plüche, the historian Vely, &c. (Hesgo, art. Marne; Villerme, Tablesis des Ouvriers; D'Asville, Notice de la Gaule, 380., &c.)

RHIN (BAS, or LOWER-RHINE), a frontier dép. of France, in the E. part of the kingdom, which, with Haul. Rhin, formerly constituted the prov. of Alsace, chiefly between the 48th and 49th degs. of N. lat., and the 7th and 8th E. long; having N. Rhenish Bavarla, and the dép. of Moselle, W. Meurthe and Vogca, S. Haut. Rhin, and E. the Rhine, separating it from the Grand Duchy of Baden. Area, 484,781 hectares. Pop., in 1845, 880,578. The W. part of the dép. is covered by the Vosges mountains, and their ramifications. The average elevation is from 2,000 to 2,500 ft.; but the Hochfield rises to 4,460 ft., and the Schneeberg to 2,850 ft. The surface declines towards the E. Principal rivers, the Ill., with its numerous tributaries, the Moder, Zorn, Sarre, &c. In 1834, the arable lands were estimated at 180,292 hectares, meadows 56,094 ditto, vineyards 13,123 ditto, orchards 5,994 ditto, and woods 117,754 ditto. The marshes in the E., and the stony tracts of the W., are unsuitable for agriculture; and though the middle of the dép. be fertile and well cultivated, the produce of corn is not sufficient for home consumption. More potatoes are grown than in any of the neighbouring déps.; nearly 4,745,000 hectolitres having been produced in 1835. A good deal of tobacco is raised, and bought by the government. The amnual produce of wine may be estimated at about 460,000 hectolitres it is of a medium quality, but, speaking generally, is inferior to that of the Haut Rhin. About a half of the produce is consumed in the dép, the rest being sent, partly to other déps. and partly to Baden, &c. Hops, wood, hemp, onlons, and other regetables, are articles of extensive cultivation. The plough is usually drawn by borses. Horned cattle are pretty numerous, but sheep are scarce. Poultry are extensively reared near Strasburg; particularly geese, the livers of which serve to ma

RANCE. The majority of the population is Protestant.

RHIN (HAUT, or UPPER RHINE), a frontier dépor France, in the E. part of the kingdom, formerly comprised in the prov. of Alsace; between lat. 47° 27' and 45° 18' N., and long. 6° 48' and 7° 33' E., having N. Bas-Rhin, W. Vosges and Haute Saone, S. Doubs, and the Swiss cantons of Neukchatel, Berne, and Basle, and E. the Rhine, separating it from the territories of Baden. Area, 406,032 hectares. Pop. in 1846, 487,208. In the W. are the chains of the Vosges and Jura: one summit of the former, the ballos at Albace, rises to 4,603 ft. above the sea. The rest of the surface is mostly plain. Except the Ehline, the Ill is the only navigable river; but the canal between the Rhine and Rhone intersects the déptie in its whole length. As in Bas-Rhin, the most fertile portion of the surface is in the centre of the dép., where agriculture is in a pretty advanced state. In 1835, the arable lands were estimated to comprise 155,571 hectares; meadows, 52,566 do.; vineyards, 11,141 do.; orchards,

RHINE

4,319 do.; and woods, 113,215 do. Principal corps, wheat and barley; 2,460,000 hectolitres of potatoes were said to be raised in 1835. The produce of wine is estimated at above 400,000 hectol. a year. Some of the white wines, especially those of Guebwiller, Riquerir. Thaun, &c., are highly esteemed. The wins gentils are extensively purchased by the merchants of Cologne and Frankfort, who mix them with the wines of the Rhine, to which they impart strength and vivacity. They keep to which they impart strength and vivacity. They keep for more than twenty years, improve as they grow older, and sustain no injury from travelling. The dep. also produces excellent beer. In 1835, of 174,015 properties subject to the contribution fonciere, 100,850 were assessed at less than 5 fr., and 26,810 at from 5 to 10 fr. There are various iron and other mines, and good building stone and other minerals are met with in various parts. "Hand-looms are scattered over nearly the whole of the defen of the Hauts, and Ess. Rhim: the articles produced defen of the Hauts, and Ess. Rhim: the articles produced. deps of the Haut and Bas-Rhin; the articles produced are chiefy muslim and fine calicoes. The wages of the hand-loom weavers vary: for the most skilled class, from 6 to 9 fr. per week; for the second-rate class, from 4 to 6 fr.; and for women and children, forming the third or lowest class, from 2 to 4 fr. These are nett wages, the 6 fr.; and for women and characters, the lowest class, from 2 to 44 fr. These are nett wages, the lowest class, from 2 to 44 fr. These are nett wages, the lowest class of the looms in factories, or paying equivalently." (Symmon's Report, p. 119.) Villermé states that in 1834, the looms in factories of the lowest class that in 1834, the lowest law of the law of the lowest law of the lo the forms in factories, or paying equivalently, '3, when won's Report, p. 119.) Villermé states that in 1834, the cotton manufactures of the Haut-Rhin employed 100,000 andividuals, or nearly a fourth part of the entire pop.; and, since that period, he affirms the number has ettli urther increased: but a large proportion of these perons protecute the cotton trade as a subsidiary employ-

individuals, or nearly a fourth part of the entire po R. and, since that period, he affirms the number has all urther facremed: but a large proportion of these persons prosecute the cotton trade as a subsidiary employment only, carrying it on in their cottages when they are of necessarily engaged in the culture of their little tiches of ground. Mulhausen, Thaun, Guelbwiller, pulits, and Sainte Marie aux Mines, are the chief seats the cotton manufacture. "The homes of the wearing uses (in these towas) are, for the most part, dirty and mioritiess, and evince every symptom of bud managent and powerty. Even those who have children in the ton-mills do not keep up any appearance of comfort. Alsatian weavers have, generally speaking, a sufency of food, though in all other respects they are lly off. In the mountains of the Vosges, the peasantry worse off still: the looms found there are chiefly on system of the 'customer' weavers of Scotland, but e are some who weave for manufacturers at very low ces." (Symon's Reports, p. 130.) illermé gives a deplorable account of the abject rity of a great proportion of the cotton weavers of flaut-Rhin, many of whom come from Switserland beyond the Rhine. (Tableau de Oweriers, 1. 44-8c.) This dép. has also manufactures of hardware, a, and watches, with various iron and stoel forges. is divided into 3 arronds: chief towns, Colmar, zap., Aitkirch, and Belfort. It sends 5 mems to h. of Dep. Number of electors (1839-9), 1.966. public revenue (1831), 9,333,347 fr. Unlike Bathe majority of the pop. in this dép. are Rom. lics, but Protestants are numerous.

Ice, which formed a part of the kingdoms of usia and Lorraine, afterwards belonged to the memprire till 1268, when it became mostly indent. It subsequently belonged to Austria; but ally annexed to France by Louis XIV. In 1697. art. Haust-Rhine; Villermé; Parl. Papers; (Mfletal Tables, &c.)

N.P., a large river of W. Europe, rising on the N. the Alpa; flowing from the N. side of the Mourt St. and the reverse of the sea, lat. I, long, 80

Called the Unter- or Zetter-See, in which is the island of Reichenau, and thence, narrowing its channel, runs W. to Schaffhausen; 3 m. below which the stream, pent between lofty rocks, and divided by craggy islets, falls over a ledge of rocks 76 ft. in beight, forming one of the most celebrated European cataracts. (See Schaffhausen.) The channel, from this point to Basle, is extremely tortuous, winding through lofty rocks, which confine the waters within a narrow compass, and consequently increase the rapidity of the current. At Zuzach, about 1 m. above the confluence of the Aar, occurs a second fall, down which, however, the natives venture their loaded barks, except during the spring-floods. The river maintains its W. direction through a rocky valley, interrupted with frequent crags rising above noods. The river maintains its W. direction through a rocky valley, interrupted with frequent crags rising above the stream, as far as Basle, where it is crossed by a wooden bridge, 600 ft. in length, with stone abutments. Here also commences the navigation of the river, its level at this point being 827 ft. above the German Ocean.

Bealth and the stream of the river is the stream of the river is the stream of the river.

wooden bridgs, 600 it. in length, with stoke aboutments, lere also commences the navigation of the river, its level at this point being 837 ft. above the German Ocean. Basle, indeed, seems to be the proper point of division between the upper and lower Rhine; for the navigation above this town is so interrupted by falls and rocks as to be scarcely of any importance, whereas from hence to the mouth boats pass at almost all seasons of the year. Assuming at Basle a pretty constant N. course, the grand duchy of Baden, and afterwards between Baden and Rheniah Bavaria, the cities and towns in this part of its course being Mannheim, on the B. bank, at the confluence of the Neckar, and Strasburg, Speler, Oppenheim, and Mayence, on the W. bank. At the last of these towns, at the junction of the Mayn, the stream takes a sudden turn W. to Bingen, on the W. bank, from which point the course of the river is pretty uniformly N.W. to the delta at its mouth. Coblents, at the confluence of the Moselle, Boan, Cologne, and Clèves, are the chief towns on the W. bank; those on and near the E. side comprising Wiesbaden, Dusseldorf, Wesel, and other places of inferior size. The delta of the Wolga: it extends, with its ramifications, 110 m. along the coast, from the E. ahore of the Zuyderfow the apex, about 10 m. below Emmerich, being 73 m., the total area of the country comprised within its limits is 4,180 eq. m. When the river divides, the left or 8. arm takes the name of Waal; and the other retaining that of the Rhine, is connected, a little farther N. by an artificial canal with the Yssel. Still lower down the Rhine takes the name of waal; and the other retaining that of the Rhine, is connected, a little farther N. by an artificial canal with the Yssel. Still lower down the Rhine takes the name of two lows anded up, which passed by Utrecht and Leyden to the see at Catwyk. the Rhine takes the name of the Leck, in order to distinguish it from the old Rhine, now sanded up, which passed by Utrecht and Leyden to the sea at Catwyk. The Rhine has at present three mouths. About two thirds of its waters flow to the sea by the Waal, the remainder being carried partly to the Zuyder-Zee by the Yssel, and partly to the occan by the Leck and Maas, on which is the great Rhenish port of Rotterdam. These branches, however, are so interlaced with natural and artificial channels, and there are so many lagoons, marshes, &c. in this district, that a map becomes indispensable to any-detailed description. (Lyyd's God. ii. 52—19.)

The entrance to the Maas, leading to Rotterdam, lies in

11. 32—69.)
The entrance to the Mass, leading to Rotterdam, lies in lat. 519 56' N., and is commonly called the Briel-gat or channel: it has a bar across, on which there are 7\$ ft. water at neap-tides. Spring-tides rise here from 11 to 12 ft., and neaps 6 or 7 ft. (Noric's Sailing Directions for the North Sca, p. 183.)
The breadth and depth of the Rhine in different parts.

for the North Sca, p. 153.)

The breadth and depth of the Rhine in different parts of its course have been pretty accurately determined by repeated observations. At Chur, in the Grisons, it is about 250 ft. in width, or about as broad as the Thames at Richmond; at Schaffhausen the width is estimated at 370 ft., and at Basle about 550 ft. The breadth of the stream between Basle and Strasburg is much increased by the numerous islands that interrupt the current; but from the last-mentioned place to Speiers the width varies from 1,000 to 1,200 ft. The size of the Rhine thence downwards to Coblents gradually increases to near 2,000 ft. in width; but near that point it enters a mountainous defile, and becomes much narrower, widening again at Cologne, where it is 1,400 ft. across; and lower down to its mouth, in the principal navigable branches, it has a breadth exceeding 2,000 ft. The depth of the channel from Basle to Strasburg averages about 12 ft.; and below the latter town the river is navigable by large steamers and vessels of considerable tonage. July is the season when the river is fullest, and it then rises about 12 ft, above its average height. May and October are the seasons of low water. The descent of the river, and consequently the rapidity of the current, are extremely variable in different parts; but the mean inclination from Strasburg is estimated at about 13 ft. per mile; and the current may average somewhat more than 3 m. an hour, though below Cologne it is greatly decreased, the Rhine there becoming comparatively a singgish river.

RHINE.

The affluents of the Rhine are very numerous; but the chief tribs, belong to the portion below Basle. The only navigable affluent above that point is the Aar, a stream which drains the greater part of Switzerland, and brings down nearly an equal volume of water with the Upper Rhine itself. It rises in the great mass of St. Gothard,

which drains the greeter part of Switzerland, and brings down nearly an equal volume of water with the Upper Rhine itself. It rises in the great mass of St. Gothard, passes through a narrow valley, in which is the cataract of Aarfall, 180 ft. in height, afterwards enters the lake of Briens, and thence, after passing through the lake of Thun (1,575 ft. above the sea) runs past Berne, and enlarged by different triba, bringing down the waters of lakes Lucerne, Wallendstadt, Zurich, &c., joins the main river at Coblents (47° 26° N., and 8° 18° E.), with a wide and powerful current. Its chief affluents are the Reuss and the Limmath; the former rising on the N.W. side of Mount St. Gothard, receives the waters of lakes Lucerne and Zug, while the latter rises in the Oberland Alpa, and runs through the lake of Zurich, both Joining the Aar on its E. bank, about a mile from each other; both are navigable except during the spring foods, but owing to the rapidity of the current boats ascend empty.

Below Basle the Rhine is joined by many large tribs., the most important of which enter from the E. or right bank. The first of these is the Neckar, which falls into the main river at Mannheim, about 214 m. below Basle, it rises in the Black Forest, in about lat. 48° N., and 8° 30° E., and has a very tortuous course, first N.E., subsequently N.N.W., and lastly W., of more than 180 m. It is navigable for large barges up to Heilbronn, and for small craft as far as Stuttgard. The Mayn, which enters the Rhine at Mayence, or Mains, about 20 m. below Frankfort, which is on its N. bank, is a most important tributary. Large river barges, vessels of 100 tons burden, ascend as high as Kitsingen, which he 165 m. from the mouth: its entire course is estimated at 320 m. (See Mayn.) The Lahn joins the Rhine about 48 m. below Mayence; it is about 140 m. long, but is not navigable above Limburg, 24 m. from the mouth. The kluhr and the Lippe are two other considerable tribs, on the E. side; both navigable for about 100 m. The principal affluent o what like the letter S., past St. Mihiel, Verdun, Sedan, Mezières, Namur, Liege, and Maestricht, joins the Waal, or principal stream of the delta, near Gorkum, below which, as already observed, the main stream assumes the name of Maas down to its mouth.

name of Mass down to its mouth.

The geology of the valley of the Rhine has been rather extensively investigated by Boue, Von Buch, Brongoiart, and other French naturalists. The bed of the Upper Rhine, from its source to the Chur, is formed of pri-Minic, from its source to the Chur, is formed of pri-mitive rocks, chiefly gueiss and porphyritic granite; but at this point, grauwacké, blue limestone, and old red sandstone become the prevailing rocks, as far as the lake of Constance, where they are succeeded by tertiary formations, probably of more recent date than the gyp-seous strata of the Paris basin. Secondary and tertiary rocks line the river from Basle to the Neckar; but from this point to Bluese, budge, the confusion of the Mathis point to Bingen, below the confluence of the Mayn, granite, gneiss, and mica-schist form the substance of the high crags that line the river on both sides. Lower down high crags that line the river on both sides. Lower down the cliffs are composed of secondary limestone, with su-perimposed strata of new red sandstone, and in some parts volcanic rocks are found curiously interspersed with the inferior chalk strata. The coal formations are found in the upper parts of the Rubr and Lippe, this part of Rhenish Prussia furnishing the chief supply of that mineral for the purposes of steam-navigation. Be-low Dusseldorf the tertiary rocks are replaced by di-luvial and alluvial formations, which form the subsoil of the delta. Geologists, however, are of opinion that the numerous islands in this intricate delta have been formed not so much by decosits brought down by the river, as

numerous islands in this intricate delta have been formed not so much by deposits brought down by the river, as by the inroads which the sea is continually making on this coast. (Lyell's Gcol. il. 53.; and Encyclopédie Méthod., art. Rhim.)

The scenery of the Rhine has been justly admired by travellers. Withness and rude grandeur characterise it in the defiles above the lake of Constance, and the country from the Unter-See westward, as far as Rheinfelden, 6 m. above Basle, is almost equally romantic. But at this point the character of the scenery changes, and the river, formerly an inconsiderable feature in the landscape, becomes a broad and majestic stream, flowing as far as Manheim through a rich open valley, from 30 to 50 m, in breadth. The banks theregin to be more bold and rocky; but the scenery most generally admired is chiefly between Mayence and Coblemts. The Rhine here pursues a meandering course,

pent between lofty and craggy mountains, and resemble rather a succession of lakes than a river. Here, indeed,

The river nobly feams and flows, The charm of this enchanted ground And all its thousand turns disclose Some fresher beauty varying round.

(Cilik Hardi)

"These mountains, however, are after all only mountains in miniature. They have often, indeed, the steepness, rudeness, and overhanging ridges of the mountains bordering the Rhone; but, as compared to them in size, they are but molehills. The groves on the hill-sides are few and far between; but there is no grove without a church spire rising in the midst, and overtopping the trees. Frequently a daring and fantastic cliff, crowned by an ancient castle, frowns over the river, or rises majestically from the brow of the steep; but the woods, unlike those of the Rhone, look like plantations, and the vines obtrude an unceasing idea of the artificial." (Leikek Ritickie's Travelling Sketches on the Rhine, p. 79.)

The Rhine, with its various affluents, comprises a navigation of about 1,500 m., and, in a commercial point of view, is perhaps the most important river in Europe, owing to the numerous states to which it affords a water conveyance. The following table exhibits the extent of the states, or portions of the states, included within the valley of this great river:—

Switzsriand - 12,400 sq. m. Pressia - 51,152 sq. m.

12,400 sq. m. 15,000 860 4,644 10,000 5,320 Switzerland France Austria Beden Preseia - 51,152 sq.m. Other Germ. States 9,042 Belgium - 4,100 Netherlands - 6,630

The navigation of the Rhine has always been of considerable importance, but since the employment of steamers, and the abolition of the tolls, and other polisiderable importance, but since the employment of steamers, and the sholition of the tolls, and other political obstacles to its free use, its importance as a channel of navigation and importance has been immessurably increased. Vessels of large burden ascend the river to Cologne, and Strasburg is reached by those 680 or 90 cms. Recently, however, steamers have been regularly established on the Upper Rhine, between Strasburg and Basle, and an astonishing increase has taken place in the number of passengers, and the quantity of goods passing up and down the fiver. In 1837, for example, the number of passengers conveyed along the Rhine, in the Prussian territories, amounted to only 33,452; whereas, in 1836, they amounted to 146,901, and now (1841) exceed 200,0001. The increase in the quantity of merchandise conveyed along this great international highway has been equally great; and its importance will, no doubt, be still more rapidly increased by the opening of railways, and improved methods of communication with the great cities on its banks.

Besides the goods conveyed up and down the Rhine in steamers and sailing vessels, immense quantities of timber are sent down in the form of rafts. The smaller rafts from the Upper Rhine, and the smaller affinents of the river, used formerly to rendezvous at Namedy, near Andernach, where they were consolidated into rafts of a larger size, that were sent down the river to Dordrecht, where they were generally broken up, and the timber sold and forwarded to its final destination. Of late

the river, used formerly to rendezvous at Namedy, near Andernach, where they were consolidated into rafts of a larger size, that were sent down the river to Dordrecht, where they were generally broken up, and the timber sold and forwarded to its final destination. Of latey sears, however, the plan of constructing very large rafts has begun to fall into disuse, though, as they are still sometimes met with, the reader may not be displeased to have them described.

"A little below Andernach the little village of Namedy appears on the left bank, under a wooded mountain. The Rhine here forms a bay, where the pilots are accustomed to unite together the small rafts of timber fosted down the tributary rivers into the Rhine, and to construct enormous floats, which are navigated to Dordrecht, and sold. These machines have the appearance of a foating village, composed of 12 or 15 little wooden huts, on a platform of oak and deal timber. They are frequently 800 or 900 feet in length, and 60 or 70 in breadth. The rowers and workmen sometimes amount to 700 or 800, superintended by pilots, and a proprietor, whose habitation is superior in size and elegance to the rest. The raft is composed of several layers of trees, placed one on the other, and bound together: a large raft draws not less than 6 or 7 feet of water. Several smaller ones are attached to it, by way of protection, besides a string of boats loaded with anchors and cables, and used for the purpose of sounding the river and going on shore. The domestic economy of an East Indiaman or an English man of war is hardly more complete. Poultry, pigs, and other animals, are to be found on board; and several butchers are attached to the unite. A well supplied boiler is at work night and day in the kitchen; the dinner hour is announced by a basket stuck on a pole, at which signal the pilot gives the word of command, and the workmen rum from all quarters to receive their messes. The consumption of provisions in the voyage to 40,000 or 50,000 pounds of bread; 18,000 or 26,000 o

tresh, heided a quantity of salted meat; and butter, vegetables, &c., in proportion. The expenses are so great, that a capital of three or four hundred florins is considered necessary to undertake a raft. Their navigation is a matter of considerable skill, owing to the abrupt windings, the rocks, and shallows of the river; and some years ago the serve was thought to be monopolised by a boatman of Ridesheim and his sons." (Autumn on the River)

The Rhems, or Illine (Gr. Pros), became first known to the Romans by the conquest of Julius Casar, who croused it wise to punish the Germans. It is thus described by him:—Rhemso ortiur ex Lepontiis qui alpes incolunt, et longo apito per finex Nantuatium, Helecticaum, Squiamorum, Madomairicorum, Tribucorum, Trevirorum citatus fertur; et ubi occamo appropinquat, in plura diffuit parte multis ingentibusque tinualis effectis quarum pars magna a feris barbar laque en actionibus incolutar, (et quibus unit qui piscitus adque ordi acvium evere estimantur,) multisque capitibus in occamum influit. (Bell. Gal. 19. 10.) Anchent writers, though agreed with respect to its general course, differ respecting the number of mouths by which it falls into the ocean. Tacitus (Ano. II. 6.) speaks of two only, one of which, probably the modern Waal, he terms Pahalis, and the other Rhemus. Piloy and Ptolemy, however, say that there were three mouths, the most northerly of which, called Flevum, powas supposed to have been formed by a channel dug by Drusus, to connect the Rhine with the Ivala, which is, most probably, identical with the Yssel, as Pomponius Meia (III. 2.) assures us that it fell into the lake Flevo, or modern Zuyder-Zee. No doubt, however, the channels of the river in the delia must have sifted, both prior and subsequently to the accounts given by the classical vriters; besides which, the inroads made by the sea on he coast of Holland render it impossible to ascertain that may have been the exact number of its mouths at my very remote period. (Encylopdelie Mchod. att. Meis. Bruguière. Orog. de l'Europe; Conversations

most probably, identical with the Yssel, as Pomponius Meia (iii. 2.) assures us that it fell into the lake Fewo, or modern Zuyder-Zee. No doubt, however, the channels of the river in the delta must have sifted, both prior in the state of the river in the delta must have sifted, both prior in subsequently to the accounts given by the sea on he coast of Holland render it impossible to ascertain hat may have been the exact number of its mouths at may be remote period. (Encylopdie Method. at., the, Brugusier, Orog. de (Europe; Conversations rivors; Inglie's Soviesceland, &c. &c.)

RHINE (PROVINCE OF), a prov. containing the portion of the Prusso-Rhenish states; having N. olland, E. the prov. of Westphalla, Nassau, and other rman states, S. France, and W. the latter, Belgium, d. Holland. It lies between 494 and 52° N. lat., and and 99° E. long. Area, 10,600 sq. m. Pop., in 1846, 63,080, of whom 2,074,153 are Catholics, and 558,874 otestants. Principal towns Aix-la-Chapelle, Cologne, blentz, Dusseldorf, Elberfeldt, Treves, Bonn, &c. It divided into 5 regencies, and these again into 59 less. Principal rivers, Rhine, which traverses almost whole extent of the prov. Moselle, Saar, Roer, &c. face very various. Its E. part to the N. of the Mosonsists principally of volcanle mountains, and an of the same sort (Eylel Gebirge) runs across the between Malmedy and Cobbentz. The débris of ance rocks being particularly suitable for the growthe vine, it is very extensively cultivated; the proof the vines of the Rhine and the Moselle being atted at about 700,000 elicers a year, though but is exported. Exclusive of wine, the principal raw tex consist of potatoses, corn, flax and hemp, timber, co. &c. Manufactures in the Lower Rhine are both live and flourishing. In the town of Alx-la-Chapelle and

rronter, and in Elberieux, barmen, and others to
of the Rhine, improved machinery is to be met
and the manufacture of fine woulen cloths, casifine and coarse cottons, silks, &c. is prosecuted
great vigour and success. The iron works and
are manufactures are also important and valuable.
DDE ISLAND, the ameliest state of the N. AmeUnion, in N. England, comprising a territory on
des Narragansett Bay, having N. and E. Massata, W. Connecticut, and S. the Atlantic. Area,
350 sq. m. Pop., in 1840, 108,330. This state
its name from an island in Narragansett Bay,
length, by 3 m. in width; besides which, it ininversal small islands in the Atlantic. Surface
y broken and hilly; soil moderately productive,
vers numerous; the principal are the Pawtucket
rtixet; they all have their embouchure in
meett Bay, a fine sheet of water, extending more
m. inland, and having several good harbours.
iv, oats, and in some places wheat, are produced
the sufficient for home consumption; cider is
exportation; artificial grasses are raised in
tities; cattle of a good breed; but the lubabs.
have applied themselves more to commerce,
ies, and manufactures than to agriculture.
ier, marble, and freestone, are among the minethere are extensive beds of anthracite coal;
hough good, has been hitherto little wrought.
manufactures, cotton and woollen goods,
ard ware, and machinery; there are, also, calleo
not bleaching works, and numerous iron fountee value of the exports in 1849 amounted to

172,691 dollars, and that of the imports to 237,478 do. In the same year there belouged to the state 43,425 tons shipping. Provipinkers (which see) is the chief.commercial town; and with Newport, the cap, and seat of government. Bristol, Warwick and Coventry are the other principal towns. Rhode Island is the only state in the Union without a written constitution: It continues to be governed by the provisions of the old royal charter. The governor and lieutenant-governor are chosen annually; and with 31 other members, compose the senste. The House of Representatives consists of 99 members, elected annually. The General Assembly, composed of these two chambers, meets once a year. The judicial power is vested in a supreme court, and a court of common pleas for each of the five cos. in the state. The judges, who receive no fixed salary, continue in office till removed by a vote of the General Assembly. The state appropriates 25,000 dolls. a year for the support of common schools; a larger sum is raised by the towns for the same purpose, and the instruction fund receives considerable aid from private contributions. The most numerous religious sects are Baptists and Congregationalists. The millita of the state consists of all able-bodied males between 18 and 45 years of age, with but few exceptions. There were 63 banks in Rhode Island in 1849, the agg. capital of which amounted to 11,940,306 dolla. This state was first settled, in 1636, by a person of the name of Williams, banished from Missaschussetts, on account of his religious opinions. Williams obtained a charter for Rhode Island and Providence Plantations in 1644; but, in 1663, the present uning charter was granted by Charles II. Rhode Island suffered greatly during the revolutionary war. It sends two representatives to congress.

RHODES, a famous island of the Mediterranean, off the S.W. coast of Asia Minor (an. Lycia and Caria), 10 m. S. Cape Volpe; the city of Rhodes, at the N.E. extremity of the island, being in lat. 36° 26′ 55″ N., long. 28° 19· 51″ E. It is about 45 m. in length, N. E. and S. W., and is, where broadest, about 18 m. across. Pop., according to Savary, 36,500, of whom rather more than a third are Greeks; but Turner says it does not exceed 20,000. Probably it may be estimated at about 25,000, a number that would have been insufficient in antiquity to have peopled one of its three cities. A chain of mountains runs lengthwise from one end of the island to the other; their highest summit, Mount Artemira (an. Atabyras, on which was a temple of Jupiter), commanding a noble view of the island and of the adjacent shores of Asia Minor. In antiquity this mountain chain was covered with dense forests of pine, whence the Rhodians drew supplies of timber for their feets, and is modern times it has supplied constantinople. Speaking generally, the soil in the lower parts is dry and sandy; but it has some fine valleys, and is well watered by the numerous streams that descend from the mountains. In antiquity it was famous for its fertility—

A region programt with the firtile seed Of plants, and herbs, and fruits, and foodful grain t Bach verdant full unnumberd flocks does find; Unnumberd men possess each flowery plant. Purnax, by Warr: Odyn, No. 7.

But, owing to the insecurity and extortion of which the inhab, have been long the victims, its agriculture is in the most depressed state, many of its finest fields being allowed to lie waste, and the island not producing corn sufficient even for its scanty population. Its wheat is still, however, of the finest quality; but, according to the statement of Mr. Turner, its wine, which he calls "tolerable, red, and sharp," must have sadly degenerated from that mentioned by Virgil as being fit for the feasts of the gods !—

Non ago ta, Dils et mensis accepta secundis Transferim, Rhodia, et tumidis, bumaste, racemis. Georg. lib. il. lin. 101.

It also produces oil, oranges, citrons, and other fruits; and, but for the grinding despotism by $Q \neq 3$

RHODES. 580

which it is weighed down, it might produce, in profusion, most necessaries and luxuries. Marble is quarried in several parts of the island.

The climate of Rhodes (claram Rhodon, Hor.) is probably the finest in the Mediter-ranean. "It is," says Dr. Clarke, "a truly delightful spot; and its gardens are filled with delicious fruit. Here, as in Cos, every gale is scented with the most powerful fragrance, wafted from groves of orange and citron trees. Numberless aromatic herbs exhale, at the same time, such profuse odour, that the whole atmosphere seems to be impregnated with a spicy perfume. The present inhabitants of the island confirm the ancient history of its climate; maintaining that hardly a day passes through-out the year in which the sun is not visible." (Trazels, ili. 278. 8vo. ed.) The heat, which otherwise would have been oppressive, is tempered by the wind, which blows with little variation from the N. and N. W.

The only beasts of burden used in the island are mules and donkeys, there being no camels, and but few horses, and those only belonging to the richer Turks. Partridges are very abundant. Various species of excel-lent fish, with coral and sponges, are found in

the adjacent sea.

The city of Rhodes is situated, as already stated, at the N.E. extremity of the island. It is built amphitheatrewise, on ground rising at is built amphitnearrewise, on ground rising gently from the water's edge; and is strongly fortified, having a moated castle of great size and strength, and being surrounded by walls, flanked with towers. These works were constructed by its former masters, the knights of St. John; and Mr. Turner says, that, though he had known nothing of the history of the island, he should have perceived that its fortifications were the work of the same master hand that had constructed those of Malta. (il. 11.) The town consists generally of narrow winding lanes master hand that had constructed those of Malta. (ii. 11.) The town consists generally of narrow winding lanes and mean houses. When in possession of the knights it had many substantial stone houses, some of which, as well as the public buildings, were ornamented with the arms of the knights in allo relieve; but the greater number of these houses are now in a state of ruin, and such as have been rebuilt in their stead are mere wooden fabrics. Contrary to what might have been expected, the best streets in the city are in the quarter inhabited by the Jews. The Greeks occupy a distinct quarter, behind and S.E. from the city properly so called. On the hand side the city is surrounded by a burying-ground; and beyond it are the suburbs, consisting of etzached and finely situated houses, surrounded by gardens, many of which, however, are said to be unoccupied. The ancient palace of the Grand Master is now the residence of the Pacha; the large and fine church of St. John is the principal mosque, and the grand hospital has been converted into a public granary. It the residence of the Pacha; the large and fine church of St. John is the principal mosque, and the grand hospital has been converted into a public granary. It has two harbours: the smallest, a fine basin, with a narrow entrance, is protected on all sides from the wind; but the Turks having allowed fith and sand to accumulate in the entrance, it can now be used only by the smaller class of vessels: the other harbour is much larger, and has deep water, but is safe only during westerly winds, those from the N.E. throwing in a heavy sea; on this account large vessels prefer anchoring in the roads in 21 fathoms water, from its being more convenient for getting out to sea, in the event of the wind setting in strong from the N.E. A lighthouse is erected on a mole between the two harbours. Several ships for the Turkish navy have been built at Rhodes; but the trade of the town is quite inconsiderable. There are some, though but few, remains of antiquity in the city; the barbarism of its Saracenic and Turkish conquerors, and the recurrence of destructive earthquakes, having destroyed most memorials of its former splendour.

Historical Notice.—Rhodes was early distinguished by its wealth, its naval power, the wisdom of its laws and institutions, and its superiority in art and science. Theolemus, a prince of Rhodes. distinguished thimself at the

its wealth, its navai power, the wisdom of its laws and in-stitutions, and its superiority in art and science. Tle-polemus, a prince of Rhodes, distinguished himself at the stege of Troy; and the island could then boast of the then famous cities of Lindus, Jalysus, and Camirus. The city of Rhodes is much less ancient, having been founded during the Pelopponesian war. But its advan-tageous situation, and the excellence of its harbour,

soon gave it a decided superiority over the other towns of the island, many of whose inhab, withdrew to it; and it was, in fact, one of the best built and most magnificent cities of the ancient world. It had been constructed with the greatest regularity; its streets being wide and straight, and the bouses in each being of the same height and built on the same model. Pluny calls it civities (Mist West 19). height and built on the same model. Pliny calls it civities tibers at putcherrine (Hist. Nat. lib. v. cap. 31.); and Strabo, who had seen Rome, Alexandria, and other great cities of the ancient world, gives the preference to Rhodes. "The beauty," says he, "of its harbours, streets, and walls, and the magnificence of its monuments, render it so much superior to all other cities, as to admit of no comparison." (Lib. xiv.) Its temples, especially those dedicated to Bacchus, Diana, lais, &c., were celebrated alike for the magnificence of the building, and the statuse and naintings with which they were expected. cereorates and paintings with which they were en-riched. In the noble ode already referred to, written about 500 years n.c., Pindar alludes as follows to the excellence of the Rhodians in statuary:—

Thence in all arts the sons of Rhodes excel; Tho' best their forming hands the chisel guide: This in each street the breathing marbles tell, The stranger's wonder, and the city's pride.

This in each street the breathing marbles reli.

The most famous of the works of art in Rhodes were two pictures, of the most transcendant merit, by Protogenes, the contemporary and rival of Apelles (Sirsbo, lib. xiv.; Pliny, Hist. Nat., lib. xxv. cap. 10.), and the Colosus, the work of Chares of Lindus, deservedly reckoned one of the wonders of the world. This magnificent brazen statue, erected in honour of Apollo, the tutelary deity of Rhodes, is said to have been 70 cubits (about 105 ft.) in height, and of the most admirable proportions. It was set up about came 278 B.C., and was thrown down by an earthquake 56 years thereafter; and it is a curious fact that it lay where it fell for nearly 890 years, or till a. D. 667, when the island, haying been taken by the Saracens, they broke the statue to pieces, and sold the brass. Blaise de Vigénere, a writer of the 16th century, stated, for the first time, that the Colossus stood with a foot on each side the entrance to the port, and that the largest vessels, under full sail, passed between its legs. This story, which carries absurdity on its face, and for which there is not a shadow of authority in any ancient writer, having been adopted by Rollin, has thence found its way into most modern works. (Pliny, lib. xxxiv. cap. 7; Rollin, Hist. Ancienne, iv. 137. 4to ed.; Savary's Letters on Greece, Eng. trans., 63.; Biographie Universelle, art. Cherce., Eng. trans., 63. is Biographie Universelle, art. Cherce., Eng. trans., 63. of the little the town.

Eng. trails, 03., 2007, Rhodes had 105 colossal statues; each of which might, according to Pliny (loc. cit.), have sufficed to illustrate the town.

The wealth of the Rhodians was derived partly from the fertile soil and advantageous situation of their lainst, but more from their extensive commerce and commercial navigation, and the wisdom of their laws, especially those having reference to maritime affairs. Such, indeed, was the estimation in which the latter were held, that the rule of the Rhodian law de jacts was expressly embodied in the Digest (lib. xix. tit. 2.), and has been thence adopted into all modern codes. Indeed, the fair thence adopted into all modern codes. Indeed, the fair presumption seems to be that most of the regulations as o maritime affairs included in the civil law were derived

from the same source.

Rhodes was also famous for its science and literature Eschines, on his retirement from Athens, opened a school of rhetoric in this city; and towards the termination of the Roman republic, and under the early emperors, Rhodes was held, as a school of cloquence, literature, and philosophy, to be little, if at all, inerior even to Athens; and these, combined with the genial temperature of the climate, and the luxurious refinement of the capital city, made it be resorted to by some of the most illustrious individuals of whom Rome has to boast, including, among others, Pompey and Cleero. Julius Czesar, too, had set out to study at Rhodes, and was only prevented by being captured on his voyage by pirates. (Suctouries, ib. 1. cap. 4.) Tiberius resided for about 7 years in the island. It seems also to have been a favourite retrest of those Romans who wished to withdraw from the factions and turmoil of Rome. (Cicero, Epist. ad Pass. lih il. epist. 28.) Eschines, on his retirement from Athens, opened a school

epist. 28.)
The government of Rhodes, which, like that of most other Greek cities, was originally monarchical, was subsequently changed into a democracy, and thence into an aristocracy; under which it enjoyed a degree of tranquility and prosperity to which most Greeian cities were strangers. It was taken by Mausolus, king of Carria, but recovered its independence under his widow, the famous Artemisia. From this period Rhodes continued to enjoy profound peace, till it was attacked by Demetrius, the son of Antigonus, one of Alexander's successors. The siege of the city of Rhodes by Demetrius is one of the most celebrated in ancient history; but all the acience and efforts of Demetrius were defeated by the bravery and resolution of the Rhodians, and he was compelled to raise the siege, anso 203 s.c., after it had continued

ear. The expense of the colossus was mostly from the same received by the Rhodians for the and other engines used by Demetrius in the which he gave up to them. It may be worth notice the fact, mentioned by Hume, that this rds the only example to be found in antiquity of notice the lact, mentioned by Hume, that this dis the only example to be found in antiquity of ishment of a cartel for the exchange of prisoners, y on the Populousness of Ancient Nations.) hodians were subsequently ranked among the of the allies of Rome; they repulsed Mithriomade an attack on their city, and continued their liberty till the reign of Vespasian, when as made a Roman province. The island was y the Saracens; but having been recovered by memperors, it was presented, in 1308, by the Emanuel, to the knights of St. John of Jeruscheld it till 1572, when, after a desperate resistras taken by the Turks, under whose barbarous ig despotism it has sunk to the miserable conwhich we now find it. "Beauty and mildases e, fertility of soil, variety and abundance of nead agreeable articles, a situation favourable for nterprise and a prosperous trade, nothing is to this fine island, except to be delivered from is, who possess, in so eminent a degree, the fatal nd agreeme articles, a situation avourance in the prise and a prosperous trade, nothing is to this fine island, except to be delivered from is, who possess, in so eminent a degree, the fatal converting the most happy abode into a spot to ed and dreaded." (Somain's Trosels is Greece key, 1. 166. Eng. trans.; see, also, exclusive of ts already referred to, Anc. Universat History, .-212., 8vo. edit.; Savery's Greece, Letters XII.; Voyage d'Anacharsis, cap. 73.; Schomberg's on the Maritime Laws of Rhodes, passim, &c.) EZ or RODEZ (an. Segodissem), a town of dép. Aveyron, 163 m. B. by S. Bordeaux; lat. 3" N., long. 90 34' 29" E. Pop. in 1836, inc. 78. Like most other very old towns, it is fill treets steep, narrow, dirty, and dark from the in of the upper stories. The neighbourhood is, agreeable; and the town, which has rather an g aspect from without, is closely surrounded dens and planted promenades. A funcet the only rorth notice is the cathedral, a Gothic building, ted between the 18th and 16th centuries. Its er, which, it is said, may be seen at a distance of m., is 266; ft. high, square for two thirds its hen octagonal, ornamented with delicate tracery, net with a small cupola and a colossal statue of gin; it has minarets at each corner, on the sumwhich are figures of the four evangelists. This is rich in arabesques, and has a fine organ. The palace, prefecture, royal college, formerly beto the Jesuita, seminary, public library, with lois, town-hall, hospital, convent of Cordellers, ng of the 14th century, &c., are the other chief diffecs.

difices.
es is a bishop's see, and has courts of primary tion and commerce, a chamber of manufactures, of drawing, and for deaf and dumb persons; tures of coarse woollens for clothing troops, at candles, and playing cards; and some trade in wool, coarse linens, &c. It has four annual fairs, ricinity many mules are bred. Rhodes was anto the dom. of the crown by Henry IV. (Hago, errors, &c.)

vicinity many mules are bred. Rhodes was anto the dom. of the crown by, Henry IV. (Hago, eyros, 4c.) of the crown by, Henry IV. (Hago, eyros, 4c.) of the crown by, Henry IV. (Hago, eyros, 4c.) of the Rhodesses), a celebrated river of S.W., rising in the Pennine Alps, traversing portions seriand and France, and falling into the Mediterbetween lat. 43° 19 and 48° 18' N., and long. 4° 20' E. Length, 590 m.; estimated area of basin, 4c. m. The highest source of this river is on the 3° the great mass of St. Gothard, between the Gallenstock, and Grimsel, at an elevation of above the sea; but it scarcely assumes the form iver till its junction with three or four others at the foot of the glacier of its own name, a beau-a-haped cluster of ice, the lower edge of which ft. above the sea. Its course through the Valsis; i.W. as far as Martigny, about 82 m. from its the height of the river at this point being 1,523 ethe sea; but here the stream assumes a N.N. wo for about 24 m., entering the lake of Geneva at of 1,250 ft. above the sea, bringing with it a defined by the sea; but the height of the river at this point being 1,523 ethe sea; but which has partially filled all the upper part lake. (Lycit's Geology, i 233, 334.) The Rhone, ring this lake at the town of Geneva, where it is 1by two bridges, is soon afterwards joined by the and then enters a rocky defile between the Alpa ra chain, taking a 8.W. direction for about 22 m., as the gorge called the Perte & Rhése, where its are hidden by limestone rocks nearly meeting estream. Its course theree is nearly due 8. for as far as 8t. Cenis, at which point the river is still above the sea. Here, however, it takes a sudden o the W.N.W., which direction it maintains with ceptions to its junction with the Saone at Lyons, erage fall from the lake of Geneva to this city (a

distance of about 120 m. along the stream) being esti-mated at somewhat more than 6 ft. per mile. The Perie du Rhône is thus described by Mr. Bakewell:— Peric da Rhône is thus described by Mr. Bakewell:—
"The river, before arriving at la Peric, runs in a narrow
bed, cut in soft clay strata reposing on a hard calcareous
stratum; but on reaching this stratum, the waters have
excavated a deep tunnel in it, into which they fall with
considerable force; the rocks on each side approaching as
close, that before the space was widened by the Sardinian
to present supposition, a man night have close, that before the space was widened by the Sardinian government, to prevent snuggling, a man might have strode across and seen the Rhone pass at a great depth between his feet. This tunnel is divided half-way down by projecting ledges of rock into an upper and lower channel. In winter and early in spring the river runs below these ledges, and is nearly concealed; in one part, also, masses of rock have fallen down, and entirely covered the lower bed of the river for about 60 yds. This part may be traversed when the river is low; but in summer, during the melting of the Alpine anows, it is much entaged and flows over the intervening rock."

The Rhone was in this state at the time of Mr. Inglis's visit; and to this circumstance may be traced the disap-The Rhose was in this state at the time of Mr. Inghis's visit; and to this circumstance may be traced the disappointment fielt by that traveller. (Bakevell's Travels, Ill. 265, 266.; Inghis's Switzerland, p. 175.) The Rhone leaves the hilly country a few miles E. of Lyons, where its deep, transparent blue, and very rapid waters are joined from the N. by the sluggish and muddy stream of the Saone: indeed, so marked is the difference between these rivers, that for many miles below Lyons, they flow side by side, the E. portion being clear and blue, the Rhone close to the city is from N.N.E. to S.S.W.: it has a medium breadth of about 660 ft., and is so liable to inundations that embankments have been formed to protect the town and its suburbe. From Lyons the united stream holds a course nearly due S. to the Mediterraneam, receiving numerous streams both from the W. and E., but chiefly the latter: the 18cr. a considerable river,

inundations that embankments have been formed to protect the town and its suburts. From Lyons the united stream holds a course nearly due S. to the Mediterranean, receiving numerous streams both from the W. and E., but chiefly the latter: the isers, a considerable river, rising on Mount Ceins, joins it between Tournon and Valence; and near Avignon (where the Rhone is 117 ft. abbve the sea), it is joined by the Durance, a swift and furbld stream, which collects the waters from the western face of the maritime Alpa.

The Rhone enters the Mediterranean by four mouths; the first separation occurs at Arles, where two branches are formed; one called the great Rhone, running S.E., the other known as the little Rhone, pursuing a S.W. course, and both together enclosing the alluvial island of Camargue, which has an area of about 1,900 sq. m. Each of these again bifurcates a short distance above the mouth; but the E. channels are those only which admit of safe navigation. The Rhone, which has a very rapid course (Rhodassas ferox), brings down a whitish sediment, discolouring the Mediterranean to a distance of 6 or 7 m., and there is every reason to suppose that there has been a constant, though slow, advance of the base of the delta during the last 18 centuries: indeed, Mase (an. Messas Colis), stated by Pomp. Mela to be almost an island, is now far inland; and Notre Dame des Ports, a harbour in the 9th century, is now a league from the see. The confinence of the Rhone with the currents of the Mediterranean forms bars across the mouths of the river, and by these means considerable spaces become divided off from the sea, and subsequently from the river also, when it shifts its shannels of effitx. Some of these lagoons being subject to the occasional ingress of the river when flooded, and of the sea during storms, are alternately fresh and salt. Others, after being filled from the sea, become more salt by evaporation, and are, in fact, natural salterns. The sea, opposite the mouth of the Rhone, deepens gradually from 4 to

the main ridge of the Alps. The only considerable W. trib. is the Ardèche, rising in the Cevennes, not far from

the Loire.

Owing to the rapidity of its current, the Rhone was formerly of comparatively little use in navigation, the principal trade being carried on by vessels down the stream, mostly from Lyons to Beaucaire, the boats that ascended the river being usually dragged up by horses. But since the introduction of steamers, a vast impulse has been given to the navigation; the Rhone, Saone, and their greater affluents, have become important channels of intercourse; and their basins are now improving more rapidly than any other part of France. We extract the following details from the interesting work of Mr. Maclaren, who sailed down the Saone and Rhone, from Chalons to Marseilles: Rhone, from Chalons to Marseilles :-

Rhone, from Chalons to Marseilles:—

"I left Chalons at six a.m., and reached Lyons by the steam-boat at two, distance about 85 m. The fare was only 4½ francs. From Lyons to Avignon the fare is 30 fr., the distance about 170 m.; time about 13 or 14 hours per steam-boat. The steam-boats are English built, and worked by English engineers. They are about 100 ft. long, 25 wide, and fare neat and commodious, though by no means splendid. They are very flat in the bottom, drawing only about 24 inches of water. The Rhone is full of sandbanks, which, owing to the rapidity of the current, are continually shifting, and vessels drawing a greater depth than two ft. cannot navigate the river with safety. The English engineer told me that his steam-boat went about nine m, an hour in still water; the current adds about five m. going

told me that his steam-boat went about nine m, an hour in still water; the current adds about five m. going down, and deducts as much going up; so that she moves at the rate of 14 m. the one way, and 4 the other.

"The Rhone passes through one of the most beautiful, picturesque, and delightful regions in the world. It is one continued vineyard, skirted and sheltered by mountains from 500 to 2,000 ft. in height, presenting every variety of form and aspect,—now round and smooth—now rugged and peaked—now bare and sterile—now clothed with vines or mulberries, or cut into terraces, and carefully cultivated to their summits. Mount Pilatre, and others of the high Cevennes, on the rile—now clothed with vines or mulberries, or cut into terraces, and carefully cultivated to their summits. Mount Pilatre, and others of the high Cevennes, on the W., and the Alps on the E., capped with snow, appear through openings in the lateral chains at intervals. The valley is often contracted to a space of one m.; again it spreads out in the form of a rich plain, to a breadth of 10 or 12 m. Twenty times the river appears closed in by the hills, and you are puzzled to conjecture where it escapes, till a bend in its course clears up the mystery. To the natural beauties of the country are added those which it derives from the industry and taste of its inhabitants. There is an almost unbroken line of large towns, villages, hamlets, cottages, and neat villas, of its inhabitants. There is an almost unbroken line of large towns, villages, hamlets, cottages, and neat villas, along each side of the river, and not merely on its banks, but reaching back to the mountains. The glittering white walls of these buildings, surrounded by rich, well cultivated lands, give vivacity to the scene, and fill the mind with images of peace, abundance, security, and contentment. From Chalons to Marseilles, the marks of progress meet the eye everywhere. The whole district, 270 m. in length, is advancing with giant strides. At every step, in descending the river, we meet with houses or manufactories building, quays forming on the river, bridges erecting, roads or fowing paths, or embankments making. Two facts will show that this is no exaggeration. It is only eight years since steam-boats were every step, it uescensing to the every step, it uescensing to the river, bridges erecting, roads or towing paths, or embankments making. Two facts will show that this is no exaggeration. It is only eight years since steam-boats were introduced; and there are now six plying between Chalons and Lyons, and ten between Lyons and the sea, though the coal they use is brought from England, and costs about 50s. a ton. It is but ten years since suspension-bridges were heard of in the district; yet in the short intervening space, the industrious inhabitants of these districts have erected fourteen suspension-bridges over the Saone, and twelve over the Rhone. I doubt if there be as many at this moment in all England. And let it not be supposed that the bridges are pality, or rude and imperfect works. They are light and elegant; the arches are often of great span, and the pathway is either level, or slightly and uniformly curved. Sometimes they have two arches, but in general three. The chains are sometimes single, but more commonly triple or quadruple; the suspension rods always single. The columns on the plers are sometimes slender obelisks of stone, sometimes thin tall slabs of cast iron. Taking them altogether, they are the lightest and most handsome structures I ever saw, and show great boldness, as well as skill and taste, in the engineer. But the fact on which I wish to fix attention is the enterprise, and the wealth which these works bespeak. The twenty-six bridges must have cost at least 200,000.; and this sum has been raised by the public spirit of the district, and expended on one species of improvement, while many others were in progress." (Notes on France, &c., pp. 32—37.)

The basin of the Rhone is connected by canals with the other principal rivers of France. The canal of the Rhone and Rhine connects the Doubs with the Ill, an affluent of the Rhone is connected by the many others

Saons to the Loire, and the canal of Burgendy cossencets the Saone with the Youne, a navigable branch of the Seine; so that in this way the four principal rivers of France are all united. The navigation of the mouth of the Rhone is considerably improved by the canal of Arles, which runs close to the Great Rhone, and by the canal of Arles, which runs close to the Great Rhone, and by the canal of Beaucaire, which leaves the river acar the town of that name, and not only runs into the Mediterraneam, but is joined by branch canals with the Canad du Midi, connecting the Garonne and the Bay of Bascay with the Mediterranean. The Rhone is also conrected with the Loire by a railway, which passes through the important manufacturing town of St. Etienne. (Bake-need's Travels, ii. 260—275.; Lyel's Geol. 1. 340—344.;

terranean, the separate Garonne and the Bay of Besay with the Mediterranean. The Rhone is also convected with the Loire by a railway, which passes through the important manufacturing town of St. Etienne. (Bakewell's Tranels, il. 260—278.; Lyel's Geol. 1. 340—348.; Encycl. Méthodique, art. Rhône.)

RRONE, a dêp. of France, and next to that of the Seine, the smallest in the kingdom, though, from its containing the city of Lyons, it be among the most popelous, reg. S. between lat. 45° 29° and 46° 19° N., and long. 4° 20° and 4° 55° E., having N. Saone-ot-Loira, W. and S. Loire, and E. Ain and Islere, Tom which it is principally separated by the rivers Rhone and Saone. Area, 279,081 hectares. Pop., in 1846, 846,538. Sarface mostly mountainous, being covered with ramifications of the Cevennes. The dep. is well watered; but there are no navigable rivers, except the Rhone and Saone. In 1834 it was estimated that it had 143,120 hectares arable land, 36,399 ditto meadows, 30,552 vineyards, and 34,466 of woods. The produce of corn is far below the internal demand. The produce of wine, the chief source of agricultural wealth, is supposed to exceed 450,000 hectolitres a year. The wines produced in that portion of this dép. called the Beaujolais belong to the class of Macon wines. Of the other growths, probably the best is the Cote-Rôtie, a flowes, was sive et un parfuse tres-agréable. (Jullien, p. 184.) It requires to be kept in the cask for five or six years before bottling. The white wines of Condrieux are also very good. The forests produce fine chestnuts; but the quantity of timber they yield is insufficient for the demand of the important manufacturing districts round Lyons and St. Etienne. Fortunately coal is abundant. Neither horned cattle, nor sheep are very numerous; but a great many goats are kept, and in some places they have been crossed with the breed of Thibet. From the milk of the goats on Moot d'Or a cheese is made which fetches a high price. The silkworm is reared in some places, but the culture of the mul

which, taking into account the small extent of the dep-exhibits a much greater proportion than ordinary of the larger class of properties.

Rhone is divided into two arronds.; chief towns Lyons and Villefranche. It sends five mems. to the Ch. of Dep. Number of electors (1838-38), 4,351. Total public revenue (1831), 25,900,703 france; expendi-ture, 18,801,371 francs. (Hugo, art. Rhone; French Of-ficial Tables.)

ture, 18,801,371 francs. (Hugo, art. Rhome; French Off. Riobles.)
RHONE, BOUCHES DU. See BOUCHES DU RHONE.
RHONE, BOUCHES DU. See BOUCHES DU RHONE.
RHAZAN, a gov. of European Russia, between lat. 350 and 550 40 N., and long, 380 30' and 410' 1b' E. having N. Vladimir, E. and S. Tambof, and W. Tula and Moscow. Area, 16,200 sq. pp., in 1868, 1,368,900.
Surface generally flat. The Oka, running from W. to E., divides it into two unequal portions of very different the air wholesome, and the soil levile: in the N., on the contrary, the country is generally low, marshy, and covered with woods, or destitute of culture. More corn is grown than is required for home consumption; the average produce being between 5,000,000 and 6,000,000 chevworts a year. The forests, which are very extensive, cover above a third part of the surface: those belonging to the crown comprise about 428,000 declatines, or 1,384,000 acres. Hops, tobacco, and garden vegetables are, in some districts, raised in large quantities. The proprietors of the pasture lands let them to graziers belonging to the breed of horses is good; the Russian gov. has a sépsid é Etaloss at Shopine. Bees are supposed to produce about 250,000 roubles a year. There are a few iron

RIAZAN.

d stone quarries. Manufactures have made gress. Those of glass and hardware occupy ank; and there are others of woollen, cotton, fabrics, cordage, potash, soap, &c., with dyeing nents, tanneries, and distilleries. A portion of factured goods is sent to Moscow, and by way as, down the Wolga; but the principal exports aw products of the gov., consisting of corn, ner, lard, iron, timber and wooden articles, is principally Russian; but partly of the Tar-Riszan is subdivided into 12 districts; chief and the cap, Zaraisk, and Kacimof. Educary beckward. In 1832, the pupils at schools and inaries amounted to only I in 334 of the pop. a then, also, but one printing-press in the gov., a town of European Russia, cap, of the above

as then, also, but one printing-press in the gov., a town of European Russia, cap. of the above he Troubega, a tributary of the Oka, 110 m. cow; ist, 54° 57° 41″ N., long. 39° 15° 54″ E. ut 9,000. Reconsists of 2 distinct portions; an fortress, with an earthen rampart, inclosing churches, the episcopal palace, formerly the of the princes of Riazan, the consistory, &c.; town-proper, in which are also numerous with a fine edifice for the government-offices, wenta, a seminary and public library, hospital, town has greatly increased in size and imitthin the last 50 years; but most of the houses wood, and planks occupy the place of pave-estreets. Riazan is the seat of a military goth authority over the govs. of Riazan and nd of the chief judicial courts of its gov. It hastum, to which a society of arts was attached nasium, to which a society of arts was attached school of drawing and architecture, founded tools for the children of official persons, &c.; l of the principal manufactures in the gov. own of Riasan, destroyed by the Tartars in tant about 33 m. S.E. (Schnitzler, La Russie;

usidand, &c.)
UVILLE (Germ. Rappolzweiler), a town of
p. Haut-Rhin, cap. cant., at the foot of the
a. N. Colmar. Pop., in 1836, ex. com., 6,561.
re the remains of the old castle of Ribeaui in the immediate neighbourhood are some

i in the immediate neighbourhood are some d fortresses, and the principal remains of the ll, called the Heidenmasser ("wall of the Pacted at a remote period along the top of the inge of the Vosges. It has manufactures of i cotton handkerchiefs.

ND, a parl, and mun, bor., market-town, f England, the cap. of a district called hire, having a separate jurisdiction. W. div. g, N. riding, co. York, on the declivity of a from the Swale, which half encircles the i crossed here by a stone bridge, Il m. S.W. and 41 m. N.N.W. York. Area of parl. bor., rises the part. of Richmond and Aske, 5.690. of town, in 1831, 4,000; ditto, in 1841, 4,300. which is most picturesquely situated, comof town, in 1831, 4,000; anto, in 1841, 4,000, which is most picturesquely, situated, commany points, very fine views of the Swale, cky banks, and the well-wooded country i its appearance is made more imposing by its castle and keep, built on a rock above The streets are irregularly laid out; but a oad avenue leads from the Darlington and oad avenue leads from the Darlington and in roads into an extensive market-place, surther principal shops, town-hall, chapel-of-eof the largest hotels in the N. of England the assembly-rooms). In the centre of the re is a column, or cross, under which was a water, brought by pipes from the neighbour-of Aislebeck; but the supply being deficient, or quantity has recently been brought from and a new and larger reservoir has been coner quantity has recently been brought from ad a new and larger reservoir has been con-its reception. The houses are mostly built sandstone; and the town, being well paved, gas, and kept remarkably clean, has a very nec. The church, built on a slope facing principally in the perpendicular style, with a

rincipally in the perpendicular style, with a tower; but some portions are clearly of:
The living is a rectory in the gift of the or; but the perpetual curacy of the chapel-ill lately, been in the patronage of the cor-he Wesleyans and Baptists have places of there is a large Rom. Catholic chape with school. The town has a national school, about 300 boys and girls, an infant school, schools. A free grammar-school, founded h, is well endowed with property under the of the comparation, who amount its head of the corporation, who appoint its head natives, and the sons of residents within admitted gratis. The number of day-rever, seldom exceeds 20; besides whom allowed to take boarders. The school allowed to take boarders. The school ned considerable distinction, having been der the superintendance of the eminent Rev. James Tate, whose eldest son is ad master. Another free school, for com-

mercial purposes, is under the control of the corporamercial purposes, is under the control of the corpora-tion; in whose hands, also, are several charity estates including endowments for almshouses. (See Chor. Comm., 7th Report.) A scientific society and mechanics' lastitute have attached libraries, and there is a savings' bank. "There are no manufactures of importance at Richmond. Its market is a very considerable one for corn; but the quantity brought thither has recently de-creased, and the prospects of the town are not improv-ing. The failure of the lead-mines (about 12 m. higher up the river) the analyse of corn from Ireland, and the up the river), the supply of corn from Ireland, and the facilities given by the railroad between Liverpool and Manchester, all contribute to its decline." (Mun. Corp. Rep.) It is, however, inhabited by many wealthy fami Rep.) It is, however, inhabited by many weathy tami lies, who, with the neighbouring gentry, cause a pretty extensive retail trade. The training of race-horses is also a considerable business; and races are held annually in October, about a mile from the town, on a high moor, which has a commodious grand stand. About 1½ m. N.N.W. is Aske Hall, a fine seat belonging to the Earl of Zetland; and near Catterick is Brough-hall, the re-sidence of Six W. Lawen. of Zetland; and near Catt sidence of Sir W. Lawson.

of Zetland; and near Catterick is Brough-hall, the residence of Sir W. Lawson.

Richmond, which received its first royal charter in 3 Edw. III., and was incorporated in the 19 Eliz., is governed, under the Mun. Reform Act, by 3 mayor, 3 other aldermen, and 12 councillors. Corp. rev., in 1847-8, 16382. Quarter and petty sessions for the bor. are held under a recorder, and petty sessions for the wap. of West Gilling take place on alternate weeks. A civil court for the recovery of debts under 10%, another for the district of Richmondshire, and a court leet for the district of Richmondshire, and a court leet for the manor, are held occasionally; and there is a monthly ecclesiastical court, under the Archdeacon of Rehmond. The bor. has returned 2 mems. to the H. of C. since the 27 Eliz., the right of election down to the Reform Act being in the holders of burgage tenures. The Boundary Act enlarged the limits of the bor. by the addition of the par. of Easeby; and in 1849-50 is had 262 reg. electors. It is also one of the polling-places at elections for the N. riding of the co. Market on Saturday; three annual chartered and other fairs.

The history of Richmond is closely associated with that of its castle, founded by Alan, the first Earl of Richmond, who, having received from William the Conqueror the forfeited estates of the Earl of Mercia, built the castle and part of the town of Richmond, to protect his family and property. Under the Norman monarchs, the title and part of the town of Richmond, to protect his family and property.

and part of the town of Richmond, to protect his family and part of the town of Richmond, to protect his family and property. Under the Norman monarchs, the title and property were possessed by different families, allied to the blood royal; and in the contest between the bouses of York and Lancaster, they also several times changed possessors, till at length they were vested in the crown by the accession of Henry, Earl of Richmond, to the throme, under the title of Henry VII. Since this epoch, the castle has been allowed to fall into partial decay. It still, however. hears marks of its former grandeur and importthrone, under the title of Henry VII. Since this cpoch, the castle has been allowed to fall into partial decay. It still, however, bears marks of its former grandeur and importance. The keep tower, of which the walls are nearly entire, is a Norman structure, about 100 ft. in height, the walls being il ft. thick: the lower story is supported by a vast column in the middle, from which spring circular arches, closing the top. The floors of the two upper rooms have fallen in; but a modern wooden staircase leads to an older flight in the walls, by which the visiter may reach its summit, which commands an extensive and beautiful view of the surrounding country. Tho rulns of several other parts of the castle still remain, and latterly they have been partially repaired. In the S.E. corner of the area is a ruinous tower, in which is a dungeon, 13 or 14 ft. deep. The ground covered by the castle comprises nearly six acres: it belongs to the Duke of Richmond and Lennox. on whose ancestors it was conferred, with the title of duke, by Charles II. Here are also the ruins of a monastery of Grey Friars, the steeple of which is a remarkably fine specimen of the perpendicular style; and at Easeby are extensive and highly interesting remains of an abbey, built in the 12th century, for Premonstratensian monks: the buildings are chiefly in the early English style; but the windows both of the chapel and refectory have some very elegant tracery, well worth examination. Richmon's series, a v.765.

century, for Premonstratensian monks: the buildings are chiefly in the early English style; but the windows both of the chapel and refectory have some very elegant tracery, well worth examination. (Rickman's Arch., p. 276.)

RICHMOND (the Tivoli of London), a town and par. of England, upper div. hund. Kingston, co. Surrey, at the bottom, and on the slope and summit of an eminence rising from the S. bank of the Thames (crossed here by a handsome stone bridge of five arches), 10 m W. by S. London. Area of par. 1,230 acres; pop. 11841, 7760. The principal street extends the whole length of the town, running along the ridge on fix. W. side to the summit of the bill, and being, in the lower parts, parallel to the river. The other streets are of very inferior importance. The houses in the lower part of the town are old-fashioned, and by no means large; but on the hill and outskirts are many handsome mansions occupied by families of distinction. The houses in the terrace and the Star and Garter Hotel, at the summit of the hill, command very extensive and noble prospects of the Thames and its rich valley, Windsor Castle being distinctly seen in the distance.

The boundless landscape. \$ \$\text{#}\$ A Heavens I what a goodly prospect spreads around Of hills and dales, and woods and lawns, and spin And giltering towns and gilded streams, till all The stretching landscape into smoke decays."

The church is a respectable structure, with a low embattled tower, and, till 1658, was a chapel-of-ease to Kingston, to the rector of which par. the patronage still Kingston, to the rector of which par. the patronage still belongs. It has been much enlarged and repaired within the last century; and contains the remains of Thomson, the poet of the Seasons, who died here on the 2Thof Aug. 1748, of Dr. Moore, author of Scissoo, and of Views of Society in France, Italy, &c., Gilbert Wakefield, the scholar, Kean, the actor, &c. A new district church has also been recently erected in the pointed style. There is a Rom. Cath. chapel, and the independents, Baptists, Wesleyan and Calvinist Methodists, have places of worship, to most of which Sunday-schools are attached. A charity-school, founded here in 1713, and subsequently endowed, furnishes gratuitous instruction to about 250 poor children, 60 of whom receive clothing. There are also three sets of almshouses, with pretty considerable endowments, and numerous money charities. A theatre is open during summer, and there are several excellent hotels, that on the hill, already alluded to, being a very extensive establishment in ready alluded to, being a very extensive establishment in mificent situation

a magnificent situation.

Richmond is infinitely more a place of pleasure than of business, though it has a considerable retail trade for the supply of the resident families and visitors. It is a principal resort of visitors from London during the summer months, convered thither partly by railway and partly by steamers and row boats: on the whole, however, the lindux of visitors to Richmond, at least of the middle and lower classes, has materially diminished since the establishment of steamers on the river to Greenwich. Woolwich, Gravesend. &c.

since the establishment of steamers on the river to Greenwich, Woolwich, Gravesend, &c.
Richmond park, the principal entrance to which is at the W. end of the terrace contiguous to the Star and Garter Hotel, formed by Charles I., comprises an area of 2,253 acres, being about 8 m. in circ. It consists mostly of poor soil; but has a great yurlety of surface, is well stocked with deer, and perfectly open to the public. The great lodge, which stands on rising ground, commanding a fine prospect, was built by Sir R. Walpole, ranger during the reigns of George I. and II., at an expense of 14,000%. Here, also, is a new or stone lodge, built for a hunting seat by George II., and given by George III. to Lord Sidmouth, by whom it was occupied till his death.
What is called the Old Park extends along the Thames from Kew to Richmond, and includes the royal garden.

What is called the Use Fare extense along the Linding from Kew to Richmond, and includes the royal garden-and pleasure-grounds attached to Kew Palace (see Kew). This park is, however, inaccessible to the public, except on certain days; and is considered as belonging rather to Kew than to Richmond.

The Green, at the bottom of the town, forms a paral-lelogram almost as large as Liucoln's Inn Fields; it is

Kew than to Richmond.

The Green, at the bottom of the town, forms a parallelogram almost as large as Liucoln's Inn Fields; it is used in summer for playing matches at cricket, bowls, &c.: on one side of the green is a handsome public walk. Richmond (formerly called Shees) was for centuries the site of a royal palace; but at what period it was erected is uncertain, though it became a fixed residence of royalty as early as the 14th century. Henry V. rebuilt it in a magnificent style. Henry VII. held a tournament here, in 1492, soon after which, the building having been destroyed by fire, a new palace was erected by that monarch, who gave the manor its present name, being that of his own title, previously to his accession to the crown: he died here in 1509. But its principal distinction consists in the fact, that when the emperor Charles V. visited England in 1523, he was lodged in this palace. Queen Elizabeth was imprisoned in it by her sister Mary, and it afterwards became one of her favourite palaces, and here she died, on the 34th March, 1603. During the commonwealth, the palace was sold by the parliamentary commissioners for 10,783.; and the whole appears to have been then dismantled and demolished, nothing now remaining except a few of the out-offices, its site being occupied by several modern mansions held on lease from the crown. On the N. side of the palace once stood a monastery, founded by Henry V., for Carthusiam monks, the revenues of which, at the dissolution, were estimated at 9631. A Franciscan convent, founded here in 1894.

The custom of Borough English, by which, in the event of the father's dying intestate, lands descend to the youngest son, or, in default of heirs male, to the youngest daughter, prevails in the manor of Richmond.

Richmond, a city and port of entry of the U. S. of N. America, cap, state of Virginia, on James River, about 150 m. from its mouth in Chesapeake Bay, and 16 m. 8.8 W. Weshington; lat. 370 30 N., long, 770 31 W. Fop, in 1830, 16,60; in 1840, 20,153, and incita subort

RIGA.

situation of Richmond is very striking. The town is built on rising grounds of various shapes, descending to the eastward; but though it possesses every facility for being kept free from filth, it is the dirtiest city, with the worst kept pavements and streets, that I have seen in this country." (Stwart, Three Years in America, il. 72.) The chief street is handsome and spacious; and there is a fine square, covering about 10 acres, planted with trees, and laid out in gravel walks. In this square is the capitol, an elegant building on the model of the Massom carrée at Nismes, erected shortly after the war of independence. It has a statue of Washington, by Housdon, A public library has been established in the semate hall, which has also a portrait of Jefferson. Near it is the city ball, a neat Doric atructure. The churches are namerous, and one occupies the site of the theatre destroyed by fire, with great loss of life, in 1811. The Virginias armory, the penitentiary, and a new theatre, include the other chief objects of notice. The city is abundantly supplied with water from three reservoirs. Richmond is favourably situated for commerce. It stands at the head of the tide-water, in James River, and is connected by James River Canal with Buchanan, 175 m. distant, and by rallways with Aquia Creek and Petersburg. It is consequently the natural depot for the wheat, bemp, and other produce of a large extent of country. Immediately above the city are some falls, beyond which the river is navigable by boats for upwards of 200 m. The falls supply valuable water power, which is used to work flour, cotton, paper, and rolling mills. Richmond has also a cannon foundry, tobacco factories, &c. The suburlo of Manchester is connected with Richmond by two bridges; and with some coal-mines, 13 m. distant, by a railway. But, notwithstanding its numerous advantages, neither the foreign trade nor the shipping of Richmond is so considerable as might have been expected. There belonged to the port, in 1840, 0.332 tons shipping.

R

boroughs. In its vicinity are several streams, on which considerable flour and paper mills have been exected. Its trade is facilitated by the Grand Junction canal, which passes close by the town. Moor Park, a seat of the Marquis of Westminster, in the vicinity, was once the residence of Cardinal Wolsey; but it has since been rebuilt in the modern style; the grove, belonging to Lord Clarendon, and other seats, are also in the immediate neighbourhood.

RIGA an important city and river root of Russ.

Lord Clarendon, and other seats, are also in the immediate neighbourhood.

RIGA, an important city and river port of European Russia, cap. of Livonia, on the Dwina or Duna, about 9 m. from its embouchure in the gulph of Riga, lat. 56° 57' 12' N., long. 24° 0' 4' E. Pop. in 1835, including the garrison of 10,000 men. 57,336. About two thirds of the resident population are Lutherans, the rest consisting of members of the Russo-Greek church, Catholics, &c.

Riga is strongly fortified. It consists of the town, properly so called, and the suburbs: the former being entirely inclosed by the fortifications. Streets in the town narrow, crooked, and houses generally brick: he town narrow, crooked, and houses generally brick: he suburbs, which are much more extensive, the streets are broad and regular, and the houses mostly of wood. One of the suburbs lies on the left bank of the river, the communication with it being maintained by a floating bridge about 2,400 ft. in length.

Among the public buildings are the cathedral, consecrated in 1211, and rebuilt in 1547; the church of St. Peter, built in 1405, with a tower 440 ft. in height, being the most elevated in the empire, and commanding a fine view of the city and adjacent country; the castle,

being the most elevated in the empire, and commanding a fine view of the city and adjacent country; the eastle, the seat of the chancellery, and of the general and evil governors; hall of the provincial states; twn-house; exchange; arsenal, &c. A magnificent columa, surmounted by a colossal bronse Victory, was erected in 1817, by the mercantile body, in honour of the emperor Alexander and the Russian army.

Among the literary establishments are a gymnasium, a lyceum, a school of navigation, and various elementary schools, a public library, an observatory, a society of Lettonian literature, &c. Manufactures of no greet importance, though, of late, materially improved. In 1836 there were in the city 25 different manufacturing establishments, employing in all 1,207 workmen, of which those of cotton, cloth, and rugs, were the most important. There are also various sugar-houses, tobacco manufactories, breweries, &c.

ant. I nere are also various sugar-numes, consummanufactories, breweries, &c.

Owing to her situation on a large navigable river,
Riga is the entrepto of an extensive country; and is, in
respect of foreign commerce, the next town in the Rus-

RIMINI.

sian dominions to Petersburg. Cown used to be the principal article of export; but though its value be now usually surpassed by that of flax and flax-seed, it is still very considerable. Thus, in 1847, there were exported from Rigs 696 chet. rpt. 31,149 do. rye-meal, 96,954 do. o.tx. The total press of the press and beap-seed, timber, including masts and deals, hides, fallow, coarse lines, and canvass, &c. The total value of the exports in 1843, amounted to 40,022,104 roubles, of which flax constituted shout a half. In 1846 and 1847 the exports of flax amounted to 20,404 and 18,338 tons; in the same years, the exports of hemp amounted to 15,692 and 14,100 tons, but this is rather above the average. The imports consist principally of sugar, and other colonial products, 4ye-suffs, wines, cotton, cotton-stuffs and cotton-year, woollens, sait, herrings, &c. The largest part by far of the trade is carried on with England. There is a bar at the mouth of the river which has usually found 12 to 13 ft, water; and it is customary, for vessels from 12 to 13 ft, water; and it is customary, for vessels

cotto-yarn, woollens, salt, herrings, &c. The largest part by far of the trade is carried on with England. There is a bar at the mouth of the river which has usually from 12 to 13 ft. water; and it is customary for vessels drawing more than this to load and unload the whole or a part of their cargoes at Bolderas, a small port outside the bar. The entrance to the river, at Dunamunde, is guarded by a fort, where is also the custom-house. The ships arriving at Riga vary from 1,000 to 1,500 a year. Riga has increased very rapidly. Under Catharine II., its pop. did not exceed 9,000; in 1824 it amounted to 39,996; and in 1835, as already stated, to 57,338, exclusive of the garrison. It has occasionally suffered considerably from inundations. (See the official returns published by the Russian government; Schwinter, La Russie, &c. 1,568; the art. Dwina, in this dictionary, &c.). Filmini, (as. Arimsamen), a city of ktaly, Papal itates, leg. Foril, between the rivers Marecchia (an. Irimsamen), and Anna (an. Apresso), within about 2 m. of the embouchure of the former in the Adriatic, 284 m. S.E. Foril, and about the same distance S.E. Rama. Lat. 46 of N.; long. 120 24' 25' E. Pop. about 1900; but including the suburte, and immediately contous villages, the pop. amounts to 37,000. (Ramalles, Lat. Arthur and the same distance S.E. Ramalles, and the same distance s.E. Ram nesses, and several good paintings by Guido, and masters; in that of St. Augustin is a ceiling omely painted in freeco. It has a handsome town-theatre, a bowling green, and a good sh market; the Gambalunga palace is an extensive library, ly thrown open to the public. The castle built y Sigiamund I. is failing into decay. The prinquare is embellished with a fountain, and a statue V.; and in another of the open spaces is a small m, or pedestal of a column, which, according to cryphal tradition, was the suggestion on which harangued his troops after passing the Rubicon! S. entrance of the city is a triumphal arch, raised ur of Augustus, and in most respects worthy of lon; but Eustace says, that it was summounted hiddle ages by a Gothic battlement, by which it disfigured. Both rivers are crossed by solid that over the Marecchia appears, from the ins, to have been commenced by Augustus, and yy Tiberius. It is of marble, 200 ft. in length 101, and has five arches. Critics differ as to as a work of art; but being still in excellent on, there can be no difference of opinion as to: y of its construction. Without the walls are: of an amphitheatre, and other remains of The port of Rimini, on the Adriatic, at the the Marecchia, is so much obstructed by sand, is mall vessels only.

Las manufactures of alik, glass, and earthenthe surrounding country being very fruitful, siderable trade in corn, and furnishes quanto to the neeighbouring towns.

Lit was the first considerable town coast of the peninsula, after crossing the boundary between Cisalpine Gaul and rily so called), and was regarded as one of so of the latter. A Roman colony was planted U. C. 485, and at a subsequent period it other colony. It was occupied by Cesar

immediately after he had crossed the Rubicon, and was honoured with the especial patronage of Augustus. It was given by Peplu, with the rest of Romagna, to the Holy See, to which, with few intermissions, it has since belonged. (Rempold!, Corografia dell' Italia; Wood's Letters of an Architect; Cramer's Ancient Italy

since belonged. (Rampoldi, Corografia dell' Italia; Wood's Letters of an Architect; Cramer's Ancient Italy 1, 285., ac.)

RIO DE JANEIRO, or simply Rio, a city and seament of Brazil, of which it is the cap, and the largest and most important commercial city of S. America, on the W. side of one of the finest bays in the world, 80 m. W. Cape Frio, lat. (light-house, in Fort Sta. Cruz) 229 50 v whom about half are whites, and the rest mostly negro slaves. The city, which is in the shape of a parallelogram, is situated on level ground, at the foot of hills, and has a fine appearance from the bay. The older portion, or that adjoining the sea, is divided on the W. from what may be called the new town by a large open space, the Campo da Honra. The style of architecture is in general mean, resembling that of the older parts of Lisbon; and though great improvements have been effected since the emigration of the court of Portugal to Rio in 1807, a great deal remains to be done before it be entitled to rank even with a second-rate European town. The streets, which are mostly straight, and intersect each other at right angles, are pretty generally furnished with frottors, and paved with blocks of granite. But though many of them have been widened of late years, and otherwise improved, they are still, for the most part, narrow and dirty, with a water-course in the centre, the usual receptacle of the fifth from the houses. (Three Years in the Pacific, by an American, 1. 97.) The houses, which are mostly of granite, or of granite and wood, are seldom more than two stories in height, rough, or whitewashed, with red tile roofs. They are narrow, but deep in proportion to the height; the lower story is commonly occupied by the shop or workhouse, wood, are seldom more than two stories in height, rough, or whitewashed, with red tile roofs. They are narrow, but deep in proportion to the height; the lower story is commonly occupied by the shop or workhouse, and, in the houses of people of distinction, by the stable and coach-house; the second story (and third, if there he one) comprising the family apartments. The mildness of the climate, which is here a perpetual spring, rendering artificial heat unnecessary, there are no fire-places except in the kitchens, and, consequently, very few chimneys, which, to a stranger from Europe, gives the city a baid and, as it were, truncated appearance. The windows in the second story generally open upon iron verandas, the jalousies having been removed by order of government. In the outsikris of the town the streets are unpaved, and the houses of only one floor, low, mean, and dirty, with doors and windows of latticework, opening outwards to the annoyance of the passengers. Inside the houses it is usual for all the apartitions, which do not extend to the ceiling. This, though it destroys privacy, is advantageous, by allowing that free circulation of air so important in hot climates.

There are numerous churches in the city; but none of them cen be called fine buildings or are worth the receiver.

strong, which do not extend to the ceiling. This, though it destroys privacy, is advantageous, by allowing that free circulation of air so important in hot climates.

There are numerous charches in the city; but none of them can be called fine buildings, or are worth the notice of travellers from Europe. The cathedral or church of Nosas Seshora da Gioria, on a lofty hill, on the S. side of the city, is a conspicuous object from a distance, and especially from the bay. There are several conventual establishments; a miser/cordia, with an attached hospital; a foundling hospital; an institution where female orphan; born of white married parents, are educated and portioned off in marriage, with other charitable institutions. Water is conveyed into the city from a neighbouring only hill (2,208 ft.), called the Corcovado, by a magnificent aqueduct, constructed in 1740. The water is thence conveyed to public fountains in different parts of the city; and a good many persons earn a livelihood by carrying water from these fountains to private families. Nothing, however, would contribute so much to the cleanliness and health of the city as an increase in the supply of water, and its distribution by pipes to private houses. The town is very indifferently lighted. There are but few inns and hotels, and those mostly very inferior: they are wholly for the accommodation of strangers, being rarely visited by the townspeople.

The royal palace forms two sides of a large, or oblong space, opening to the bay near the principal landing-place. The royal palace forms two sides of a large, or oblong space, opening to the bay near the principal landing-place it consists partly of the oid palace of the viceroys, and partly of a convent formerly belonging to the Carmelites, and is wholly destitute of architectural beauty. Among the other public buildings may be specified a new and handsome theatre, the exchange, the old collage of the Jesuits, and the episcopal palace and royal villa of Christowo. In the currious.

Jesuits, and the episcopal palace and royal villa of Christorao, in the environs.

Neither education nor literature is here in a very flourishing state. There are, however, sundry lyceums and grammar schools, and a great many private licensed academies. At mong the principal educational institutions may be specified a school of surgery, military and commercial academies, an academy of arts, a national museum, &c. In the vicinity is a very good botanic garden, comprising about 4 acres, including, among other

exotics, numerous specimens of the tea plant. Near the imperial palace is the public library, containing from \$0,000 to 70,000 vols. Several daily and weekly newspapers issue from the Rio press; but they are said to be, without exception, the most worthless publications of their class any where to be met with. The police and health of the city have been materially improved within

the last dozen years.

The market-place consists of a collection of filthy The market-place consists of a collection of filthy booths, for the sale of vegetables, which are at once abundant, excellent, and cheap. The farina of the Jatropka Masikot is here the grand substitute for bread stuffs, and is extensively used by all classes, forming, with bananas, the principal food of the negroes. The Yam supplies the place of the potato; and the finest oranges are sold at from 10 to 25 cents per 100. Butcher's meat is sold in shops, scattered up and down the city. The beef, though wholly without fat, is tender. Pork is good; mutton bad and dear. Fish abundant and good. The slave-market, described by Rasil Hall and others, no longer exists; but the claudestine importation of slaves is still carried on to a very considerable extent. (Three Years is the Pacific, 1.103.) Slaves, however, are, speaking generally, very indulgently treated. "We may," says a Rio circular, "assure our philanthropic friends abroad, that, as regards the slaves, they are here better fed, better clothed, are on the whole better treated, laugh more and weep less, than the major part of the labouring poor in Europe."

Commerce.—The trade of Rio is very extensive, and

Rurope."

Commerce. — The trade of Rio is very extensive, and has increased rapidly during the last few years. It is now by far the greatest mart for the export of coffee. The shipments of this important article which, in 1820, amounted to 97.800 bags, have increased with such unexampled rapidly that, in 1847, they amounted to above 1,550,000 bags, that is (raking the bag at 134 lbs.), to 254,100,000 lbs., or 113,388 tons! being equal to all the exports of coffee from all the other ports in the world, Batavia excepted 1 Sugar was formerly an important article of export from Rio, but latterly it has been decreasing, and does not now exceed 6,000 cases (16 cwt. each); the and does not now exceed 6,000 cases (15 out each); the exports of sugar from Santos, which used to be considerable (10,000 cons), have, also, been latterly decreasing. (See Santos.) The other great articles of export from able (10,000 tons), have, also, been interly decreasing. (See Sanros.) The other great articles of export from Rio are hides, rice, tobacco, rum, tapicca, ipecacuanha, manice four, and other inferior articles. The export of cotton has almost entirely ceased; and that of gold, diamonds, &c., is mostly clandestine, and not very son-siderable. We subjoin

Years.	Bagu.	Years.	Hage.
1820	97,500	1835	6(3,438
1521	105,386	1836	745,893
1822	159.048	1837	657,003
1525	185,000	1838	766,/196
1574	224,000	1839	889,524
1925	183,136	1840	1,048,418
1826	260,000	1841	1,025,365
1627	350,900	1849	1,174,639
1828	369,147	1843	1,183,640
1879	375,107	1844	1,269,381
1830	591,885	1845	1,187,591
1831	448,249	1846	1,512,434
1832	478,950	1847	1,650,200
1833	561,692	1548	1,710,707
1831	560,759	1849	1,455,980

Of the quantity shipped in 1847, were to the U. States, 729,742 bags; Hamburg, 234,614 do.; Antwerp, 137,363 do.; Trieste, 110,309 do.; and to other ports, 429,293 do. Sugar.—Quantity of Sugar in Cases exported from 1841 to 1849 inc.: —

Years.	Cases.	Years	Cases.
1841 1842 1843 1844 1845	8,959 11,666 5,572 5,774 14,539	1846 3847 1848 1849	8,115 8,311 5,848 8,979

Hides .- Quantity shipped from 1842 to 1849 inc.

- 189,181 - 845,212 - 354,405 - 221,862 1846 1847 1848 1849 - 429,458 - 168,402 - 315,848 - 302,230

There were also exported in 1849, 11,129 half-transed hides, 385,685 ox and cow horns, 4,380 pipes rum, 26,309 rolls tobacco, 20,717 bags rice, 22,257 planks lacaranda, 9,543 barrels taploca, and 11,676 lbs. ipecacuanha.

The principal article of legitimate import consists of cotton goods, the value of which amounts to full one-third of the total value of the imports. Next to cottoms are woollen, linen, and silk manufactures, whose, jewellery, and ironmongery; flour, meat, fish, butter, and other articles of provision; spirits, salt, earthenware, paper, and a host of other articles. The imports of slaves into the bay of Rio and the adjoining prov. are sometimes very extensive.

Arrivals and Departures of Shipping at Rio de Janeiro, Coastwise and Foreign, in each Year from 1845 to 1849 inc.

	Coastwise-					reign.		
Years.	Arri	Arrivals.		Departures.		rrivals.	Departus	₩.
1845 1846 1847 1848 1848	Fascis. 2,373 2,530 2,497 2,468 2,407	Tone. 168,872 190,730 180,348 186,105 185,634	Faceda. 2,382 2,488 2,475 2,508 2,503	Tone. 172,136 182,356 180,523 192,366 194,094	Fessels. 878 931 887 1,105 1,196	Tone. 504,956 214,819 206,547 258,902 304,799	Feesale. 881 1,034 867 1,054 1,246	Tone. 274,955 321,722 963,437 325,033 427,870

Of the vessels which arrived in 1849, 753 had on board

Of the vessels which arrived in 1849, 753 had on board cargoes for the port, 202 were en route for California, 108 were in ballast, and 109 had on board cargoes for other destinations. Among the 753 vessels with cargoes for the port were 152 American, 124 English, 63 Portuguese, 65 Brazilian, 58 Danish, 40 French, &c.

The currency of Rio, and of Brazil generally, is in a very vitiated state. The par of exchange, when the silver currency was maintained, was 674, and the current rate was usually higher; but, for some years past, owing to the introduction of paper and copper, the exchange has failen, so that its average rate in Rio, in 1840, was 304.

Harbour.—As already stated, the harbour of Rio is one of the finest in the world. Its entrance is marked by a remarkable hill, in the form of a sugar loaf, 900 ft. in height, close to its W. side, while on the opposite side of the bay, at the distance of about 14 m., is the fort of Santa Crus, on which is a light-house. There is, also, a light-house, having the lantern elevated about 300 ft. above the sea level, on Ilha Rasa (Flat Island), about 10 m. S. from the mouth of the harbour. Ships may enter either by sea level, on that Acast (1 minut), and to the mouth of the harbour. Ships may enter either by night or day, there being no obstruction or danger of any kind. The water in the bay is sufficient to float the largest ships of war; and it is extensive enough to accommodate all the navies of all the countries in the world.

all the navies of all the countries in the world.

RIOM (an. Ricomagns), a town of France, dép. Puyde-Dôme, cap. arrond., on a hill, 8 m. N. by E. Ciermout. Pop., in 1846, ex. com., 9,888. It is well built;
but the houses are mostly in an antiquated style, and
being wholly constructed of Volvic lava, with which it
is also paved, it has a singularly sombre appearance. It
has several handsome public fountains, and its churches,
hospitals, the various public offices, and the sub-prefecture, are good buildings. One of its promenades is ornamented with a statue of Desaix.

Riom is the seat of a royal court for the dépa. Puy-de-

Dome, Allier, Cantal, and Haut-Loire; and of tribunals of primary jurisdiction and commerce. It produces cotton and linen cloths, candles, leather, and brandy; and has a large trade in agricultural produce. It was formerly the cap. of Auvergne, and the residence of its dukes, some remains of whose castle still exist; and it

formerly the cap. of Auvergne, and the residence of its dukes, some remains of whose castle still exist; and its continues to rank as the second town within the anciest limits of that province. Among the distinguished individuals belonging to Riom may be specified Gregory of Tours, and the learned Jesuits J. and A. Sirmond. (Hugo, art. Psy-dc. Polmer; Pict. Géog., &c.)

RIPON, a city, parl and mun, bor, and market-town of England, N. riding co. York, lower div. wap. Clare, on the Ure, close to its confluence with the Saill, both of which are here crossed by stone bridges, 22 ms. N.W. York. Pop. of parl bor. (which comprises the township of Ripon with part of the district of Bondgate), in 1841, 597. "The appearance of Ripon is that of a very respectable and wealthy country town; it is increasing in population, and, though it has no manufactures itself, there is an extensive manufactory of saddistrees in Bondgate. The neighbouring country is rich and well wooded, containing many objects of local attraction and interest; and this may, perhaps, account for the fact, that of late years many respectable families have been induced to settle here. The town has, therefore, increased in importance as a residence for persons of that class." (Parl. Bound. Report.) The streets are square surrounded with good shops, &c., having in its centre an obelisk 90 ft. in height, surmounted by the city arms, and on its 8. side a particularly handsome room fee balls and public meetings. Ripon minster, ervected is 1836 into a cathedral, and built in the 14th and 15th centred.

turies, is said to be one of the best proportioned churches in England. It is a cruciform structure, with a tower rising from the intersection of the nave and transcept, brsides two others (easch 110 ft. in height) at the W. end. Its length, from E. to W., is 266 ft.; breadth of choir and siles, 67 ft.; and length of transepts, 128 ft. "This venerable edifice," says Mr. Britton, "contains various parts worthy of attention, particularly its W. frost, a very fine specimen of bold early English, and, except the battlements and prinacles, without alteration. A part of the church is Norman, and a great portion of the transcepts but little later. The choir is parly decorated; and S. of it is a Norman crypt, above which are some Norman buildings used as vestries. At the E. end of the choir, which is sadly disfigured by heavy modern galleries, is a decorated E. window of five lights with very elegant tracery. The nave's revy light, exhibiting some extremely fine composition; and there is a considerable quantity of good screen-work, both in wood and stone." The chapter comprises a dean, subdean, and six canons, who divide among them a net rereuse of 5337. Ripon was erected into a bishopric in 1889, the diocese comprising most of the populous parts of the W. riding, with the iberty of Richmondshire in the N. riding. The annual revenue of the see is 4,500%, chiefly derived from he surplus fund formed out of the deductions from he revenues of the larger sees. Trinity church, built net endowed in 1895 at acost of above 13,000%, is a Gothic ruciform structure, with lancet windows, and has acommodation for upwards of 1,000 persons. The Wes-yan Methodists have two places of worship, and there one each for Independents and Primitive Methodists, he town has several Sunday-schools, besides which ere are national schools both for boys and girls, and an dowed blue-cost school. A grammas-achool, founded 1505, has an endowment producing about 370% a year: a free for Latin, Greek, and English grammar, to the sof all residents, besides

g company and Wensieguise banking company ranches here, and, in addition to these, there are vate banks and a savings' bank.

Is a bor. by prescription, but received a charter imes I. Under the Mun. Reform Act it is governmayor, 3 aldermen, and 12 councillors. Converse the peace under a recorder; a county court, which 448 plaints were entered in 1843; and a setanor-court held by the dean and chapter, having lon over the district, called "canon fee." Ripon 2 mems. to the H. of C. since the reign of VI., the right of election being previously to m Act, in the holders of burgage tenures, all had, for many years, been in the possession e individual. The limits of the parl, bor., as the Boundary Act, comprise the entire township with a part of the township of Alsmunderly-ligate. Reg. electors in 1849-50, 355. Large Thursday, abounding with all kinds of agriculture, and six yearly fairs. Viously derives its name from its position is river Ure; but whether it be of Roman or ndation is wholly unknown. A monastery, e. A. D. 661, attained considerable celebrity: ever, destroyed by the Scotch in the reign of and was not afterwards restored.

E-GIER, a rapidly increasing town of France, cap. cant., on the Gier, a tributary of the he head of the canal of Givors, and on the St. Etternne to Lyons, 12 m. N.E. the form. S. W. the latter. Pop. in 1846, ex. com, it has since considerably increased. It was tiffied, but its works have been destroyed, principally remarkable for its commercial ring largely in the growing prosperity of the

country along the Rhone (which see), and the districts tound Lyons and St. Etlenne. It has extensive manufactures of glass wares; and its coal-mines furnish a large proportion of the coal required in the hardware factories of St. Etlenne. It has also hardware manufactures of its own. The offices of the Givors Canal company, and the noble reservoir belonging to that canal, are the most remarkable public works at Rive-de-Gier.

Hago, 4c.)
ROANNE (supposed to be the Rodsimus of Ptolemy), (Hugo, 4c.)

ROANNE (supposed to be the Rodsumas of Ptolemy), a town of France, dép. Loire, cap. arrond., on the Loire, here crossed by a new bridge, 30 m. N. Montbrison. Pop. in 1836, ex. com., 9,334. It is a pretty, well-built, open, straggling town, with a good quay, a large hospital, a handsome theatre, and a communal college, having a good library and cabinet of natural history, &c. it is the seat of a tribunal of original jurisdiction, and a chamber of manufactures; and is a depôt for the manufactures of Lyons and the S.E. of France, passing to the central and N.W. deps. It also manufactures muslins, calleoes, and wooslen fabrics; and has some trade in corn, wine, flour, timber, and charcoal. Various remains of antiquities have been frequently discovered in and near the town. (Hugo, art. Loire; Dict. Glog.)

ROCHDALE, a parl. bor., market-town, and par. of England, middle div., bund. Salford, co. Lancaster, on the Roch, trib. of the Irwell, 11 m. N.N.E. Manchester, and 37 m. E.N.E. Liverpool. Pop. of town and parl. bor. (which comprises all within the limits of a circle described with a radius of 2 m. from the townhall), in 1841, 24,591; pop. of par. (which extends over 58,620 acres), 84,718. The town consists of several streets, greatly improved of late years: the principal theoroughfare, in which are the inarket-house and townhall, being wide and lined with brick houses. The

hall), in 1841, 24,651: pop. of par. (which extends over 58,620 acres), \$4,718. The town consists of several streets, greatly improved of late years: the principal thoroughfare, is which are the inarket-house and township of greatly improved of late years: the principal thoroughfare, is which are the inarket-house and township of wardleworth. Here are two assembly-rooms, a small theater, a commodious gool, and work-houses. The parish church, a structure of Norman and early English architecture, with a square pinnacled tower, stands on an eminence, to which there is an ascent from the lower part of the town by a flight of 136 steps: the living is a vicarage, of the annual value of 1,7804, in the gift of the Archbishop of Canterbury. The town has also two episcopal dhapels; and within the par. are six others, chiefly in the patronage of the vicar. Here is a Rom. Cath. chapel, and 12 places of worship for different denominations of dissenters, among whom Methodists, Independents, and Baptists are the prevailing bodies. Each church and chapel has a Sunday-school, attended by great numbers of children. The town has a large national school, another well-endowed establishment, called the Moss school, for the gratuitous education of 40 boys and 30 girls; a free grammar-school, founded in 1864, and stiended by about 48 boys (who, owing to the smallness of the endowment, pay a fee of 6i. a year); an endowed girls 'school, and numerous money charities. A dispensary and ladles' charity furnish relief to the sick poor; besides which, there are bible, tract, and other religious associations, a literary society, an horticultural society, and a savings' bank.

Rochdale is a principal seat of the woollen and cotton manufactures, especially the former: the woollen articles produced here consist principally of baises, flames; and kerseys; and those of cotton of strong calicose, fustian, &c. In 1839, there were in the parish (exclusive of Saddleworth township, 36 woollen mills, 9745 hands, of which 8,132 belonged to the cotton n.

magistrates; and it has a county-court, before which 1,403 plaints were entered in 1848. Markets on Monday and Saturday: fairs, May 14., Whit Tuesday, and Nov. 7., for horses and cattle. (Baines's Hist. and Geog. of Lencashire; Butterworth's Stat. of Lancashire; Part.

for nories and cattle. Camers in the macro coop. of Lancashire; Butterworth's Stat. of Lancashire; Parl. Ripports, \$6.2).

ROCHEFORT, a maritime town, and the third naval port of France, dep. Charente-Inferieure, on the Charente, about 12 m. (by water) from its mouth, opposite the Isle of Oleron, and 10 m. 8.8.E. La Rochelle; lat 450 86' 10' N., long, 0° \$7' 24' W. Pop., in 1846, inc. com., 17,867; but said to have increased, in 1850, to upwards of 20,000. It is situated at the extremity of an extensive plain, and is shaped like a bow, the arc formed by the ramparts, and the chord by the river. The town, which is wholly of modern date, having been founded under Louis X1V., is well laid out and built, though the houses want elevation. Some of the principal streets are planted with double rows of poplars; and in the centre of the town is the Place of Armes, a large and regular square, planted, and ornamented with a fountain; which, with other fountains, provide the inhabs. with an abundant supply of river water. The port is capacious, and deep enough to receive yeasels of the largest size, having 20 ft. water at mented with a fountain; which, with other fountains, provide the inhabs. with an abundant supply of river water. The port is capacious, and deep enough to receive vessels of the largest size, having 20 ft. water at low ebb, and more than 40 ft. at high tide. The mercantile harbour, separated from the pert militaire, admits vessels of from 800 to 900 tons. The naval yard is entered by the Porte de Solcil, a handsome gateway constructed in 1828; on either side of which are lodges for the guard, the agents for the surveillance of the port and officers of the customs. It comprises building docks for ships of from 60 to 120 guns; sawing, brass and copper mills impelled by steam; a sail-loft, model workshop, a bagne, or prison, capable of accommodating 1,000 convicts; a rope-house, in which cables upwards of 400 yards in length are made, and a naval and military arsenal, biscuit manufactory, and stores for materials of every kind necessary in the fitting out of ships of war. The cables and ship-biscuit made at this port are admitted to be the best in France. The naval hospital without the town comprises 9 separate buildings, furnishing accommodation for 1,200 patients. The residence of the naval commandant is a fine building, surrounded by gardens, which are open to the public. Rochefort is the seat of a maritime prefecture, and tribunals of original jurisdiction and commerce; and has schools of naval gunnery, hydrography (2d class), medicine, drawing, music, &c.: a society of arts and literature, Bible society, public library, &c. It has a few vinegar factories, and sugar refineries; but ship-building is by far the most important branch of Industry, and the ship-builders of the mercantile port construct handsome vessels for the coasting-trade and cod-fisheries. The

vinegar lactories, and sugar refineries; but ship-building is by far the most important branch of industry, and the ship-builders of the mercantile port construct handsome vessels for the coasting trade and cod sheries. The little trade otherwise eujoyed by Rochefort is principally in corn, wines, sait, and brandy. The town was formerly very unhealthy; but it has been, in this respect, greatly improved by the drainage of the adjacent country. (Ports and Arsenals of France, 159—173.; Guide das Foyagear ca France; Dick. (Edg.)

ROCHELLE (I.A.), a town and sea-port of France, dep. Charente-Inférieure, of which it is the cap. on the Atlantic, 76 m. S. by E. Nantes, and 32 m. N.N.W. Bordeaux; ist. 46° 9° 21" N., long. 10° 9° 40" W. Pop., in 1846, 14,185. "Rochelle has an admirable commercial position. The town forms, as it were, the bottom of a small gulpt, which serves as an assats port. It is defended by 2 handsome towers, which, whether La Rochelle be approached by land or water, are seen at an immense distance. Opposite the town, at the extremity of the roadstead, are the lales of Ré and Oleron. The harbour is safe and commodious; it is protected by a strong jetty, and is capable of receiving vessels of 400 or 500 tons' burden. There has recently been created a dock or servicer port, where vessels are careened. The town itself is clean and well built." (Forts, 5c. of France.) The streets are wide and straight, and have foot-pavements, mostly under arcades, on which the houses are built. Few of the private buildings are lotty or of much size; but the town has, notwithstanding, a striking appearance. The fertilications, constructed by Vauban, consist of ramparts, with 19 bastions and 8 lumettes, the whole enclosed with ditches and a covered way. The town is entered by 7 gates, one of which, the Porte d'Horloge, is a handsome structure, apparently of the 16th century. There are several good squares; and without the walls are the promenades called the Mall and the Champ de Amars. The cathedral, town-hall, courts of

till the passing of the Reform Act, which conferred on it the cap. of the 12th military division of France, which the important privilege of sending I mem. to the H. of C., comprises the depos. Charente-Inférieure, Deux Sèvres, the electoral limits being defined, as above stated, in the local act of 6 Geo. 4. c. 101. Reg. electors, in 1849-50, jurisdiction and commerce, of a royal academy of arm 1,077. It is also a polling-place for the S. div. of Lancal Commerce, acc, and the restdence of several foreign cashire. The town is under the jurisdiction of the co. consuls. It has a seminary and communal college. and Vendée; the seat of a bishop, of courts of primary jurisdiction and commerce, of a royal cackenary of sut and sciences, &c., and the residence of several foreign consuls. It has a seminary and communal college, schools of navigation and design, a public library of 20,000 vols., botanic garden, &c.; several prisons, a mint, and a royal arsenal and foundry. Its trade is extensive, not only in wines and brandies, but in wood, iron, salt, cheese, butter, oil, sardines, and colonial produce.

La Rochelle appears to owe its origin to a castle constructed here to check the incursions of the Normana. It was for some time in the possession of the English from whom it was taken by the French in 1394. During it was for some time in the possession of the English, from whom it was taken by the French in 1394. During the religious wars, and especially after the massacre of St. Bartholomew, it was a stronghold of the Protestanta. It was invested by the Catholic forces in 1572, and which stood a long slege, terminated by a treaty. "The numerous infractions of that treaty in the reign of Louis XIII., and under the ministry of Richileu, led to a second slege which commenced in August, 1627, and which was as violent, and longer and more decisive than the former. The king, the Duke of Orleans, Marshal Bassompère, and all the most renowned generals of the time, were present at the slega. The circumvallation extended for leagues round the town; but the sea being open, English vessels poured in provisions and assumultion. After 6 months of heroic resistance, the famous engineer, Metzesau, was directed to bar the entrance of the harbour by an immense dyke, extending 1,500 metres into the sea, and of which the remains are still visible at low water. The result was soon fatally apparent. Famine quickly decimated the ranks of the besleged; and after a siege of 14 months and 18 days, La Rochelle was compelled to capitulate. Richelleu made a triumphale entry into the city; the fortifications were demolished, and the Protestants deprived of their last place of refuge." (Ports and Arzenals of France; Guide du Voyageur, §c.; Dict. Géog.)

ROCHESTER, a city, parl, and mun. hor... and

city; the fortifications were demolished, and the Protestants deprived of their last place of refuge." (Ports and Aracmals of France; Guide du Voyageur, &c.; Dict. Géog.)

ROCHESTER, a city, parl. and mum. bor., and market-town of England, co. Kent, lathe Aylesford, at the W. end of and adjoining Chatham, on the 8. hank of the Medway, crossed here by a handsome stone bridge of 11 arches, 25 m. W. by N. Canterbury, and 28 m. E. by S. London. Pop. of parl. bor. (which includes with the old bor. additional portions of the par. of Stroud), in 1841, 11,949. The bridge over the Medway connects the town with Stroud, on the opposite bank of the river; so that the three towns of Chatham, Rochester, and Stroud form, as it were, a continuous street, upwards of 2 m. in length, along the road from London to Dover. The houses in Rochester generally have a somewhat antiquated appearance; and among them are several built chiefly of timber, with projecting gables and stories. The town is partially paved, and lighted with gas. Fortifications were erected for its protection in 1909; but Fort Pitt is now used as a military hospital, and Fort Clarence has become a lunatic asylum for solders. The townis, open underneath, and above is a large hall with several portraits of public characters: at the back is a small borragol. On the site of the former guildhall is the clockhouse, a neat building erected in 1706, at the expessof the celebrated admiral Sir Cloudesly Shovel. A theatre is occasionally opened; there are also assembly rooms and baths, and a record room at the end of the bridge. At the S.W. angle of the town, rising abrupily from the river, is the castle, anciently a strong fortress, but which has, for a lengthened period, been in a state of decay. The walls, which are of Kentish ragstone, enclose a quadrangular area of nearly 200 sq. ft., and, with their towers, are now in rulns. The walls of the keep, however, at the S.B. angle of the court, are in good preservation: it rises about 104 ft. from the ground. And has turrets a

06 ft., of which 156 ft. belong to the choir; of naive and alses, 66 ft.; length of the great transepts, 122 ft. and 90 ft. respectively; ex-. front, 81 ft.

exterior appearance of this cathedral is not very , and the exterior walls of the nave are either ayed or covered by modern repairs. The other he church are surrounded by buildings, so that he church are surrounded by buildings, so that e than one portion can be seen at a time. The is a fine specimen of Norman enrichment, but large inserted perpendicular W. window. The Norman piers and arches, except those next the ch, with most of the E. portions of the church, lenglish. There are other Norman portions on side, which appear to be the remains of the nd other monastic adjuncts. The crypt is very extending under the whole choir: its character nglish; but a portion under the N. aisle may red almost Norman. There are a few monutither are more remarkable for singularity ut they are more remarkable for singularity
y. The whole cathedral, except the nave and
the chancel, is adorned with early English
ind, as at Canterbury, the floor of the choir is
ly raised above that of the nave." (Britton,

Rickman's Arch., p. 184.)
Prior has very recently been repaired in exceland Rochester cathedral is one of the best of the early English style in the kingdom. stastical corporation comprises a dean and 6.e., who divided among them, in 1834, a net 5.1064., and have the patronage of 30 benefices; b.106... and have the patronage of 30 benefices; also, 4 minor canons. The see of Rochester at an average of three years ending with 1831, a year; but it either has been or is to be to 4,000t. a year. The town has two par, one of which, St. Margaret's, is of very mixed c, and the other, St. Nicholas, in the perpense: the living of the former is in the gift of nd chapter, and of the latter in that of the he Wesleyan Methodists, independents, Unit the Society of Friends, have places of worthe Sunday-schools within the bor, are atthe Sunday-schools within the bor. are at-above 800 children. A grammar-school, 1542, having six exhibitions at Oxford and, is supported by the dean and chapter; be-there is an endowed mathematical school, 10 1701.

intere is an endowed mathematical school, in 1701. Two national schools give instructut 500 children; and there are 2 or 3 almshis maller money-charities.

ter, like Chatham, was in a great degree on the expenditure produced by the naval pestablishments at Chatham during the war, restablishments at Chatham during the war, uction of that expenditure has been severely greater part of the pop. consists of retail e. There is no manufactory in or near the a considerable quantity of coal and other ported for the supply of the country inward nbridge; and there is a large export trade Municipal Report.) customs' duty received here in 1849 amounted but by far the largest portion of this sum yed from the trade of Chatham. The town has Municipal Reports Report to be do.

ved from the trade of Chatnam. In a town he Municipal Boundary Report, to be de-osperity; the poor-rates have increased; houses are uninhabited, and there is less

and luxury among the upper classes than in

if Rochester, first incorporated in the reign is divided, under the Municipal Reform ree wards, and is governed by a mayor, 5 id 18 councillors. Corporation revenue, in nd 18 councillors. Corporation terenue, in 1/2. It has a commission of the peace under and petty sessions are held twice a week; a county court, before which 1,738 plaints

in 1948. has returned 2 mems. to the H. of C. since, the right of election down to the Reform the freemen not receiving alms. The ts were enlarged, as above mentioned, by Act. Reg. electors in 1849-50, 1,257. son Tuesday, and for provisions generally its distance. irs, disused

rent of any importance connected with the ry of Rochester is the descent made by the

ry of Rochester is the descent made by the Sec Chartam.

[OUNTAINS, a very extensive mountain america. (Sec Vol. I. 78.)

a town of France, dép. Ardennes, cap. extensive plain, near the Belgian frontier, W. Mezières. Pop., in 1836, 3,682. It is a rampart strengthened with bastions and a the seat of a tribunal of original juristic mediants. as a military hospital, a society of agricul-hardware manufactures. ing been besieged by a Spanish army in ice of Condé, then Duke d'Enghein, and

only 21 years of age, advanced to its relief, with an army inferior in numbers and in the quality of the troops. But the extraordinary talent and brilliant courage of the prince more than made up for his inexperience and the inferiority of his force. The French gained a complete rictory (19th May 1643). The Spanish infantry, which had hitherto been invincible, was cut to pieces; and the French arms acquired a superiority which they preserved for more than sixty years, or till the battle of Blenbeim. The humanity of Condé, henceforth called "le Grand." as as conspicuous on this occasion as his talents and

was as conspicuous on this occasion as his talents and his courage. (*Pottaire. Siecle de Louis XIV., cap. 3.)

ROMANS, a town of France, dep. Drôme, in a fine plain, on the laère, by which it is separated from the Bourg-de-Péage, on the opposite side of the river, the communication between the two being maintained by a fine bridge, 12 m. N.K. Valence, and 33 m. W.8. W. Grenoble. Pop., including Bourg-de-Péage, in 1846, 10,648. Romans, which is surrounded by an old wall flanked with towers, is said by Hugo to be a handsome well-built town, and has some fine promenades. The parish church is the only remaining portion of the famous monastery founded here by St. Bernard, in 837, to which the town owes its origin. Romans has a theatre, a peasiosmat, or school for the gratuitous education of young ladies, a tribunal of commerce, acc., with manufactures of silk and woollen stuffs, hosiery, gloves. &c. It has also an active trade in the produce of the dep., including silk, wool, wine, oil, truffies, &c., which is much facilitated by the junction of the laère with the Rhone. (Hugo, art. Drôme; Dect. Géographique.)

Dict. Geographique.)

The famous Baron Lally, who, having distinguished himself at the battle of Fontenoy, was subsequently sent as commander-in-chief of the French forces to India, was as commander-in-chief of the French forces to India, was a native of Romans, where he first saw the light, on the 15th of January, 1702. Being of a violent, irritable temper, and involved in the greatest difficulties, Lally got embroiled with every body. After the fall of Pondicherry, in 1761, he returned to France, where, pursued by the hatreds he had excited in India, he was, after a lengthened imprisonment, tried by the parliament of Paris, and condemned to be decapitated. This unjust sentence was carried into effect on the 9th May, 1766. (See for a calm, dispassionate statement of the case of Lally, the Sciecte de Louis XV., by Voltaire, cap. 34.: the article on Lally in the Biographie Universalie is by a partizan.) partizan.

ROME, the most celebrated of European cities NOME, the most celebrated of European cities (Lus orbis terrarum, et are omnium gensium, Cicco, Catil. 4. cap. 6.), famous alike in ancient and modern history; first, as the metropolis of the most powerful nation of antiquity, and, afterwards, as the ecclesiastical capital of Christendom, and the residence of the pope, on both sides the Tiber, but principally on its E. bank, about 16 m. from its mouth, 115 m. N.W. Naples, and 145 m. S. F. Florence; lat. 40 53 64 N., long. 120 29 47 E. Tha pop., which in 1842 amounted to 167,131, inc. 15,696 foreigners, may now (1850) probably amount to 186 000.

pop., which in 1842 amounted to 167,121, inc. 18,896 foreigners, may now (1850) probably amount to 180,000.

Modern Rome, which interests alike by its classical associations, its antiquities, its churches, and its works of art, is surrounded by walls (mostly occupying the site of those constructed by the emperor Aurelian) in the form of an irregular polygon, about 14 m. in circ, the longest diameter being from the Porta del Popolo, N.W., to the Porta S. Sebastiano, 8 E., about 3 m. in length. The city has 16 gates, three or four of which, however, have been walled up: of these, the principal are the Porta del Popolo, on the road to Florence and Ancona; the Porta Pla, out the road to Tivoli: the Porta Maggiore. leading ropoid, on the road to Fiorence and Ancona; the Forta Pla, on the road to Tivoli; the Porta Maggiore, leading to Palestrina; and the Porta S. Giovanni, leading S. E. to Albano and Naples. But not more than a third part of the enclosed area is covered with buildings, the rest consisting of ruins, gardens, and fields, with some churches, convents, and other scattered habitations. The churches, convents, and other scattered habitations. The older part of the ancient city, where the principal ruins are found, is about \(\frac{1}{2} \) m. S. from the modern city; but it is needless to add, that the former, under the emperors, was much more extensive than the modern town, inasmuch as, besides the space within the walls, it had very extensive suburbs. The ground occupied by the city is mostly low, being only from 35 to 45 ft. above the level of the sea. Exclusive, however, of the low grounds, several low hills, or eminences, are comprised within the limits of the city; and in consequence of ancient Rome being popularly said to stand upon seven hills, it was sometimes called are septicalist. The following measurements exhibit the height of the hills now referred to:—

Exercity

**Exe

Capitol, at the W. angle of the Tarpelan rock 161

Do at N. end 160

Palatine hill - 170

Aventine - 156

Cellan - 168

Pincian - 918 151 160 170 156 168 218 Esquiline hill
Quirinal hill at the Pope's
palace
Ancieral pavement of the
Forum
Do. do. of Trajan's Forum 158 39 43

The Palatine hill, the nucleus of the city, comprises a space of about 40 acres, and appears originally to have

ROME.

had precipitous edges; but excepting this, and the Capitoline hill, comprising about 16 acres, the rest have an easy ascent, and are, in fact, mere eminences. No doubt, however, owing to the accumulation of rubbish in the valleys, and the lowering of the hills by rains, the diging of foundations, &c., the elevations of the latter must have been much more striking in antiquity than at resent. The seven hills, properly so called, on the E. bank of the Tiber, were included in the city so early as the reign of Servius Tullius; but at a later period the Mons Pincius (Pincius hill), to the N.E., and the Mons Pincius (Pincius hill), to the N.E., and the Mons Ofthe Tiber, were enclosed within the city wails. The hills consist chiefy of volcanic tufa intermingled with thin beds of travertine, making good building stone, as well as of

throwing open his galleries to artists and all who choose to give two or three paol' to his servants. "The great size of many of the palaces, and the abundance as well as bold projection of the ornaments, produce, indeed, a general impression of magnificence; but if we can get space enough in front to examine the parts distinctly, we often turn away disastisfied with the absurdity and disproportion they exhibit. Generally speaking, these buildings exhibit great simplicity of dealgn, usually presenting to the street one simple continued line of surface, rarely decorated either with columns or pilasters. Ornaments round the windows are never omitted, but are generally divided by horizontal mouldings along the front, and great space is left between the ranges of windows. The whole is crowned by a large and rich cornice." Such, according to Woods (Letters of each Architect. 1, 433.), is the general external appearance of the best among these palazzi, of which Rome comprises in all upwards of 300, many, of course, being very inferior both in size and architectural beauty.

Rome has not a single square; and of the piazzas or paved areas, the Piazza del Popolo, the Piazza Navona, and that in front of St. Peter's, are the only three that deserve notice. They are adorned with obelisks, statues, and fountains; but the first and last being at the extremities of the town, are lost as places for walking in or meeting friends. The fine promenade on the Pincian hill, E. of the Piazza del Popolo, is planted with trees, and commands an extensive view; but it is of small extent, and is shut at sunset. Without the walls, however, on the N.E. side of the city, is the Villa Borghese, the grounds of which, nearly 3 m. in circ., planted after the fashion of an Euglish park, and ornamented with statues, fountains, acc., are open to the public, and constitute the favourite resort of all classes, whether on foot or in carriages. Rome, like Loudon and Naples, is destitute the favourite resort of all classes, whether on foot freature in t then sign of Servita Tuilitat; but at a later period the Moss Facionas, and part of the Moss Janicolasts, to the Moss Janicolasts, to the Moss Janicolasts, on the Janicolasts, on the Moss Janicolasts, on the Janicolasts, on the Moss Janicolasts, on the Janicolasts, on the Moss Janicolasts, on the Janicolasts, on the Moss Janicolasts, on the Jan

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el April, 1505, having selected the famous Bramante for his architect. But the latter dying in 1514, other architects were employed to carry on the work, till, in 1546, it was fortunately committed to the illustrious Michael Angelo, who nearly completed the dome, and a large portion of the building. After Michael Angelo's iesth, in 1563, the work was prosecuted under other trchitects, till its completion in 1614. The coloniade by Bernini was added in 1653-67. "St. Peter's," sy Mr. Maciaren, "unlike many other celebrated edilect, surpasses expectation. The front is too low, and mas some other defects; but the vestibule is admirable, and the interior is solemn, grand, rich, harmonious, cyond any thing that I had conceived. It is unquestionably the noblest building ever reared by human ands, the only work of art, as Madame de Staël obverves, which produces an impression of grandeur akin that which we receive from the works of nature. So that which we receive from the works of nature. So ist are its dimensions, that colossal statues and monutating or figures are stowed away in its asiles d recesses without impairing the unity and simplicity the plan, as they do in the St. Paul's of London. The zerior of the dome (which is 140 ft. in diameter), as il as a considerable portion of the other surface, is rered with pictures, all of which, however, are, with exception, of mosaic. The eye forms most erroneous imates respecting the height of the different parts of Peter's, and most visiters are on this account disapinted by first impressions. The splendid bronze Balchiso, or canopy, immediately under the dome and the high altar, close also to the supposed tomb of Peter, is about 120 ft. high, though in appearance only The chair of St. Peter, too, behind the high altar, sura from a distance as it raised only a few steps from ground, whereas it is placed on an elevation 70 ft.

The chair of St. Peter, too, behind the high altur, surs from distance as it raised only a few steps from ground, whereas it is placed on an elevation 70 ft. et the floor. The pen seen in the band of the prophet ne of the lower compartments of the dome might be cosed to be 12 or 18 inches in length, whereas its real th is 6 ft. The visiter has no adequate conception e magnitude of the dome until he arrives at the roof passages of which are so contrived that one may id on horseback), when he finds it rising before him mountain. The view from the external gallery i the lantern is exceedingly fine and extensive, emogs the Campagna from the sea to the Apennines; as which, on looking at the roof of the church, its colassifier it somewhat the appearance of a town, so shing is its size. The depth of the floor, as seen the interior of the lantern, appears lessened from to 100 ft.; but it may be discovered that the eye sived, as the promeunders below appear only as tiny. When we stand in the interior gallery of the corresponding with the whispering gallery of St. in London, and look at the mosaics on the concerned of some that in the product of source are surprised to find then composed of square forms that the special content is the content of the same and the for the with intervals between them; yet, seen dow, they might pass for oil paintings. We find but, when we look across the gallery, a similar i really of equal proportions, seems to be of the size. The lights in this splendid edice are mpered, well distributed, and kept in admirable the states of the size of the state. size. The lights in this splendid edifice are mpered, well distributed, and kept in admirable the profusion, also, of rare and beautiful mable, ed in every part, together with the glided roof, es, monuments, mosaic ceilings and pictures, display of brilliant and unexampled magnifich requires weeks and almost years to con"(Maclaren, 177, 178; Burton, ii. 131—140.) un of the church, as designed by Branante, was Latin cross; but this was changed by Michael of Greek cross, which has the advantage ting the whole structure at one coup-d'alletely, however, the plans of the latter were departed from by Carlo Maderno. In the nd, perhaps, unjust language of Forsyth, ed plasterer came down from Como to break unity of the master-idea, and him we must rethe Latin cross, the alses, the meanics, and the low, ugly front." (Italy, p. 179.) however, is 396 ft. in length, and 196 ft. in lwith whatever defects it and other parts of the ay be charged, still there can be no question eiter's is beyond all comparison the most magnife ever raised by mortal hands to the wortally visit it every day, and siways find someward to the contraction of the fact is, that the walls are so thick that

work is made not fir from the church, in a building, a used for the office of the Inquisition. The pieces running these piectures are square pieces of a virified 3 owned in, commoned of glass, lead, and this and the different abandes of colour. Marbles were first und, own their poolshed curious as found to destroy the arms. (Services, in 146.)

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the air is not affected by that without, so that, like a well-built cellar, it enjoys an equability of temperature all the year round." (Matthew's Dierry of an Invatid, p. 86.)
Of the many august ceremonies performed in this magnifect temple, the most imposing is that of the Texebre, on the night of Good Friday, when the hundred lamps that burn over the tomb of St. Peter are extinguished, and a stupendous cross of light appears suspended from the dome between the aitar and the nave, shedding over the whole edifice a soft lustre, delightful to the eye, and forming, with the objects animate and manimate on which it sheds its light, a scene singularly striking, by a happy mixture of tranquillity and animation, of darkness and light, of simplicity and majesty; a scene, indeed, far more sublime and more deeply impressive than the illumination of the external dome on the night of St. Peter's day (June 29.). (Esstace, ii. 164-192.)

The dimensions of St. Peter's have been variously

164—192.)
The dimensions of St. Peter's have been variously given by different authorities, and perhaps exactness is not attainable; but the following measurements are adopted by Gwilt, and may, perhaps, be depended on. The dimensions of St. Paul's, of Milan cathedral, and St. Sophia's at Constantinople, are from Woods, Eustace, and Dallaway.

Dimensions.	St. Peter's.	St. Paul's.	Milan Cath.	St. So- phia.
Extreme inside length Length of transcepts - Height from cross to floor - Width of nave -	Pt. 807 445 458 107	Pf. 510 282 362	Ft. 493 284 356 177	969 943
Total area includ- ing outside walk	127,000	84,000		

Total seas including station of the control of the

built on the site of an older structure in the beginning of built on the site of an older structure in the beginning of the 14th century. Its front, consisting of a magnificent colonnade, is certainly impressive, notwithstanding its numerous faults. There are 5 entrances; that in the centre having a bronze door taken from the Temple of Peace in the Forum; and on the top of the fazeda are 15 statues of our Saviour, and various saints. The interior is divided into 5 sistes, and in the pillars of the nave are colossal statues of the Twelve Apoetles: this church comprises also a chaple of the Corrain family, in the form of a Greek cross with a central dome, gorgeously decorated with marbles, gliding, and pictures, and said to be one of the richest in Rome. Adjoining this church is a palace, which, after having been for many centuries the residence of the popes, was converted, in 1693, into an hospital for the poor; and at no great distance is the Scala Santa, a building celebrated for containing a staircase of 28 white marble steps, alleged to have belonged to the palace of Pillate at Jerusalem, and which orthodox Roman Catholics esteem a meritorious act of plety to ascend on their knees; indeed, so great is the number of the devotees, that, with a view to the preservation of the steps, they have been covered with planks of wood. At the top is a painting of our Saviour at the age of twelve, begun by St. Luke, but finished by miraculous agency I (Burtons, Emme, ii. 177.) The church of St. Paul's, outside the walls, one of the handsomest in Rome, and in many respects superior to that of St. John Lateran, was burnt down in 1893, and is now in course, though very slowly, of being rebuilt. The basilics of St. Maria Maggiore is a very fine and large edifice; but the profusion of its ornaments takes from the unity of the main design, and the marrow brick tower, rising above the whole, is in very bad tasts. The harding above the whole, is in very bad tasts. The harding above the whole, is in very bad tasts. The harding above the whole, is in very bad tasts. The harding above the wh

catalogues having never been completed. There is reason, however, to think that its collection of ecclasiantical MSS. immeasurably surpasses any other in Europe; but it is very deficient in works of modern literature; and its value can be fully appreciated only by the charchman and the antiquary. The picture-gallery, which is yo means extensive, is, as compared with the collections now noticed, quite of modern creation. The fractions of the Vallean; and the works of the former occupy three open galleries, called the Loggie of Rafficello, which go round three sides of a square count; but the oil-paintings have been collected wholly by Flus VI. and subsequent ponding, including the pressat pope, to whom we are indebted for the completion of the gallery. It comprises several of the grass productions of the Italian schools, including among others the "Transfiguration," by Raphael, usually considered his chefe aware, and the noblest work of art in the world; the "Madonna of Foligion" by the same master, the "Communion of St. Girolamo" by Dominichino, the "Maryrdom of St. Sebastian," perhaps Titian's very between work, the "Madonna of Monte Luca" by Giulio Berrand, &c. The Vatican has two chapels, the most celebrated of which, known as the Sistine Chapel, was built by order of pope Sixtus IV.; its walls and celting were covered during the postificates of Julius II. and Paul III. with frescoes from the masterly hand of Michael Angele. Behind the altar is the magnificent painting of the Last Judgment, the theme of so much eulogy and so much criticism; and on the celling are represented the Creation, the Deluge, and other scriptural subjects, the windows being adorned, somewhat inconsistently, with full-length figures of Prophets and Shylys. It is a very large

at St. John's; but the rest is used as an hospital for 550 orphans.

Among the public buildings of modern Roman, the Campidoglie, or modern capitol, deserves notice, as being one of the best architectural works of Michael Angelo. The road to it is by a labyrinth of narrow dirty streats, leading from the Corso to two flights of steps, at the fost of one of which are two basaltic lions. At the top are colossal equestrian statues of Castor and Pollox, on a line with which stand several other statues and trophics. Opposite the steps if the sensor's palace, the two other sides being occupied by the Palazso de Conservatori and the Museo Capitolino, the garden of which overhange the Tarpelan rock,

The preventory whence the traiter's leap Cured all ambition."

Card all sabition."

But, owing to the accumulation of soil at the bottom, this leap might now be taken without any very entraordinary risk.

The ancient buildings, to be noticed in the sequel, are nearly all gone; but there are many statues, and one in particular, a bronze equestrian figure of M. Aurelius, occupying the centre of the Plasza del Campidogrio, demands attention, not only on account of its beauty, but its acknowledged antiquity. In fact, quite enough is still furnished both by Nature in the commanding position of

The magnificant ode or somet of Zappi, inspired by the con-ation of this status, may be seen, with a spirited translation, in $r^* = Lf(r \in I = N_*, v^*, 229_*, 30$ edit.: it is also given with a dif-translation in *Barton's Beaus*, it. 224.

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the MII, and by Art in the various architectural embel-lishments brand principally of ancient materials, to call up in the mind of the classical student those bye-gone days whee doctors issued from the capitol fraught with the destines of a subject world.

Age and resins are of This mountain, whose The pyramid of empis History the binedoms

The Capitoline Messum comperiese a few and not-very valuable paintings by the old masters; but on the other hand, the collection of statues and marbles includes some of the most precious relica of ancisate art, among which may be mentioned the "Dying Gladdator," the mananch "Antinous," and the sphendid group of "Cupid and Psyche." (Conder's Heigs, iti. 347.; Maclaren, p. 160–162.) The only other government buildings requiring notice are the new post-office, in the Piassa Colona, near the Corse, and the castle or citadel of St. Angelo: the central tower of the latter was built by Hadrian (thence called Moke Haderiess) for a mauschem, and was unquestionably the most supert sepulchral monument ever raised in Rome. It began to be used as a fortres when the city was attacked by the Gotha: its defence were strengthened by various pontiffs, the last and greatest improvement having been made by Urban VIII., who completed the fossé and bastions towards the meadows. It is now used as a state prison and house of correction, but is better known to foreigners as the place wheen or and clackarged the magnificent fireworks of the Easter festival.

messows. It is now used as a state prison and notuse of correction, but is better known to foreigners as the place whence are disclarged the magnificent fireworks of the Easter fatival.

Rome, as previously seen, comprises a great number of palaces, with the general plan of which the reader is already acquainted; but a lew deserve more particular notice. The Colouse palace, in the square of its own name, fronting the Corso, is entered by a noble painted staircase, leading to a gallery which, in point of size and irchitecture, is the finest in Rome: the roof of the saloon a supported by poliabed columns of giello swatco, and he ceiling displays the battle of Lepanto, the event of hich raised a Colousa to the honocurs of a Roman trimph. The collection of pictures, however, is aboss in worst of any in Rome. (Williams's Letters, it. 80.) he Rorghese palace is also a very splendid building, remarkable for its extent, its porticoes, its grantel lumns, and its long suite of apartments, being still bre distinguished by the well-supported magnificence it pervades every part, and gives the whole mannion, in the ground-floor to the attic, an appearance of stace; and, according to later writers, this palace is present equally well kept up. The collection, ch, contrary to the usual rule, is on the ground-floor, spice nine large roomes, and ranks assong the first in the Toria palace, in the Coros, has three west it, and comprises a spacious-court, surrounded by nanades: the gallery is particularly rich in paintings to failan and other schools, including many lands by Gaspar Pousein and Claude; in fact, nowhere in Rome is there so varied a collection, or one so utited for the purposes of study. (Bome in the 19th ray, fill. 6—14.) The Berberius palace, one of the lest buildings in modern Rome, built from the I designs of Maderon, Bernini, and Borromini, to of a grallery belonging to the Rossiglies' inter the Power of Guido, which the beautiful engraving by imust have made familiar to many of our readers. Coisses and Correius p urnished.

ternished.
besides its palaces, has numerous willes, both
d without the present walls, built chiefly by a
sals, whose riches, taste, learning, and leisure,
to create these beautiful retrests. The Villa
has already been mentioned as including
rounds that form the favourite resort of the
omans, and the massion, with its collection
a and marbles, is equally beautiful. The
ni, outside the Porta Salara, is of exquisite
annead by Cardinal Albani, one of the proantiquaries of modern times: it was here
ir his patromage, Winkelman pursued those

MR., studies that enabled him to write his history of ancient art. The collection, once far more extensive, is said to be extremely choice; in fact, it does not contain a single medicore piece. The villas Aldobrandini, Pamili, Lanti, and Ludovisi, are all, more or less, adorned with freezoes and ancient statuary; besides being well situated and surrounded with fine pardens. The magnificent Medici villa, on the Pincian hill, is new appropriated to the use of the French Academy.

The Tiber, including its windings, runs for three miles through Home. The greatest breath of the stream within the walls is only about 400 ft., and the smallest 200 ft., the average being somewhat less than one third the breadth of the Thames at London Bridge, and considerably less than that of the Clyde at Glasgow. It is desper, however, than the Clyde, and has certainly a larger volume of water.

"Vorticibus rapidis et multă flavus arenă În mare prorumpit." Virg. Æn. vii. 31.

a larger volume of water.

"Vorticibse rapids at malth flavus swent in mare prorimant." Firg. Zz. vil. 31.

It well morks the epithet of flowes, as it is not only discoloured, but loaded with yellow mud beyond almost any other river; and this is not the consequence of accidental floods, for its waters are sourcely ever clear, and hence, no doubt, its ancient name Albula. Its banks are low and tame, consisting for the most part of crumbling soil, without quays, and at many places without even protecting walls; and they are not cornamented by a single promenade or decent street. (Meclaren, p. 180.) There are only two places where there is a sort of quay, or landing-place, one called Ripetin, on the E. bank, above the bridge of St. Angelo, where boats from the inland provs. I and wine, provisions, &c., and the other at the S. end of the city, on the opposite bank, called the Porto di Ripe Grande, where see-horns vessels land their eargoes, and where there is a line of warehouses, and a custom-house. Three bridges cross the river within Rome; that most northward is the Ponto St. Angelo (anc. Poss Ælius), built by Hadrian, and restored in its present form by Clement IX.: It is a structure of no great beauty, having a balustrade, on the top of which are several hideous-looking figures of angels. The next, proceeding southward, is the Ponto Sisto (anc. Poss Januscullowsch), built by either Trajan or Antinonus Pius, and rebuilt by Sixtus IV., in the 18th century. About half a mile lower down is the island of San Bartolomeo, the ancient Fassels Therrias, of oblong shape, about 1,000 ft. in length, and 200 ft. in breatch, united with the E. bank by the Ponte San Bartolomeo (anc. Poss Castras), and with the W. bank and the district of Trassevere by the Ponte di quantro Capi, so called from a head of Janus Quadrifrons that formerly stood there; is the Pons Fabricius of antiquity, and was constructed assessed, so called from the circumstance of the triumphal processions erosing it on their way to the capitol it it is now en

The CLASSICAL MONUMENTS of Rome are very numerous, their interest depending on their beauty, grandeur, and singularity, their intrinsic merits, or on the events and personages historically associated with them. Those who expect gratification from the first source will, in many instances, be disappointed, as the greater number present little to please the eye or gratify the taste. The aquesiscit, for example, those astonishing efforts of human industry, which stretch across the Campagna in various directions, exhibit their real greatness only to the understanding. To the eye, these works (of which there seem to have been 14, coming from 9 different sources,) present merely a series of naked brick arches, scarcely larger than a house-door in span, or higher than a park-wall, and without any sort of ornament. Near the

racumtains, and in crossing valleys, they may be lofty; but in the vicinity of the city they are low and tame: three only now remain in a state fit for use, viz. the Acqua vergine, Acqua felici (anc. the Classellam aguedact), and the Acqua Sabatina, which supplies the Janiculum. The Boman roads, also, solidly built of large stones, may be called great works for their expense and utility, but they have no external attractions. The same remark applies to the Classes, of which a false idea is conveyed by calling them sewers. They were rather drains made to carry off the stagnant water of the pestilential marshes, which occupied much of the low ground near the Tiber, and the spaces between the Aventine, Palatine, and Capitoline bills. They were constructed at a very early period (according to some, in the time of the kings), for the obvious reason, that the marshes separated the first inhabited parts of the city from each other, and their desiccation became indispensable. The height and width of the Clance marima, are equal, each measuring 13 ft. a view of it may be obtained at its mouth, where it how into the Tiber a little below the Ponte Rotto, another portion being visible near the Arch of Janus Quadrifrons.

The baths, as they now exist, are an assemblage of naked, half dilapidated brick walls, which surprise by their huge size and the extent of ground they cover. We know of the former existence of eight thermae, erected by different emperors; and the carcasses of three remain in considerable masses, those of Titus, Caracalla, and Diocletian, the ruins of the first two of which are in vineyards, a great part of the last having been transformed by Michael Angelo into the church and monastery of Santa Maria degil Angell. Each consists of a labyrinth of apartments, the uses of some of which antiquaries have scarcely been able to conjecture. Caracalla's beths covered an area of 28 English acres, a space nearly three times the size of Lincoln's inn Fields, in London. "But we must keep in mind the multifarious natur

libraries, some to listen to the philosophers, some to talk of the news and bear bulletins read from the armies, anouncing battles on the Rhine or Euphrates, or insurections in Spain or Gaul." (Maclares's Notes, p. 142.)

Among the numerous temples that once adorned the ancient capital of the world, the Pantheon and the temples of Vesta, Peace, Fortuna virilis, and Bacchus, present extensive and very interesting remains; but incomparably finer than all the rest is the Pantheon (in the ancient Campus Martius), which, though stripped of its external ornaments, and disfigured by two modern believes of the stripped of the second present extensive and very interesting remains; but incomparably finer than all the rest is the Pantheon (in the ancient Campus Martius), which, though stripped of its external ornaments, and disfigured by two modern believes of the second present
"Relic of nobier days and noblest arts ! Despoiled, yet perfect, with thy circle spreads · A bothness appealing to all hearts — To art a model."

Its beauty consists in its admirable proportions; and its portice, 110 ft. in length, by 44 ft. in depth, supported by 16 Corintian columns of white marble, has a most majestic appearance. "The portal is more than faultiess; it is positively the most sublime result that was ever produced by so little architecture." (Forsyth.) The dome is of great extent, and has a central aperture, from which the building receives its entire light. The Pantheon has been stripped of every thing that could be taken away, in order to furnish materials for the embellishment of St. Peter's. It is now made the receptacle of

monuments to those who have deserved well of their country, and contributed to sustain the reputation of

County, and the county, and the great wonder of ancient Rome, however, is the Flavian amphitheatre, now the Colissum, or more preperly Colosseum^a, unquestionably the most angust rule in the world, and by far the largest amphitheatre of which we have any knowledge.

It consists of a vast ellipse, the length of the longest diameter measured from the outside of the outer wall diameter measured from the outside of the outer wall being about 630, and that of the shortest 513 ft., so that it covers about \$\frac{1}{2}\$ Engl. acres of ground! The loagest diameter of the arena has been variously given at from \$37\$ to \$300 ft., and the shortest at from \$100 to \$100 ft.; the space between the arena and the outer wall (from \$100 to \$107\$ ft.) being occupied by the walls, corridors, and easts that rose tier above tier from the wall round the arena nearly to the top of the outer wall. The latter, which is about 179 ft. in height, consists of three rows of vanited arches rising one above another, exclusive of which, it had, when perfect, upper works of wood. This colossal amphitheatre is said to have had seats for \$7,000 spectators, and standing room for 20,000 more! There is really, therefore, but little of exaggeration in the statement of Addison that the amphitheatre

on its public shows unpeopled Rom

The arena was sufficiently extensive for the exhibition, on the grandest possible scale, of the bloody sports that delighted the ancient Romans; and here hundreds, and even thousands, of gladiators and of wild beasts have frequently contended at once—

" Butcher'd to make a Ro

This magnificent ruin has been much damaged by earth-quakes, lightning, and the destroying influence of time; but it has suffered incomparably more from the injuries quakes, lightning, and the destroying influence of time; but it has suffered incomparably more from the injuries inflicted upon it by the successive masters of Rome. Is the 12th century it was occupied as a fortress; and in the course of the next century it became, what it long continued to be, a common quarry, whence materials were taken to build a large portion of the modern city. (Hieh-house's Illustrations of Childe Harold, pp. 263—396.) in consequence of these lengthened devastations, "not a single step is now remaining of all the seats of stone which rose in regular succession from the arena; but the wall which surrounded it, to prevent the escape of the wild beasts, is nearly entire. The interior presents a most complete scene of destruction. By means of broken staircases, we may climb up a considerable height, and almost be lost in the labyristh of ruins. It is from such a view of these remains that the best idea of their vastness fi formed; and if viewed by mondlight, when the shattered fragments of stone, and the shrube which grow upon them, are seen at a distance in alternations of light and shade, the mind receives mingled impressions of gratification and melancholy which, perhaps, no other prospect in the world could produce." (Burkow's Rosse, i. 55–56.) At length, however, an end was put the spoliation of this most splendid relict of imperial Rosse. "Benedict XIV. consecrated the spot which persecution and fable had stained with the blood of so many Christias martyrs." (Gibbos, Xi. 455.) And subsequent positification in the stained with the blood of so the existing ruin.

"The pile speaks powerfully to the imagination,"

have repaired and strengthened portions of the existing ruin.

"The pile speaks powerfully to the imagination, through the bloody rises once celebrated in it. It was the scene of those savage fights of gladiators, those combats of wild beasts which were unknown among other ancient sations, and have fixed a brand of infamy on the Roman name. The interior has been carefully cleared out, and the boundaries of the arena which was so often seaked with blood are distinctly seen. When we stand among the broken archee of this vast edifice, now the abode of bats and owls, silent as the grave, and with not a single building near it, our thoughts are irresistibly carried back to the thousands of all ranks and both sexue who once filled its ample benches, to the roars and yells of the wild animals lacerating each other, the shrieks of the slaughtered human beings, and the shouts of the blood-thirsty multitude now applauding the blow which took away a fellow-creature's life, and now calling out for fresh victims. These cruel exhibitions were characteristic of Rome, both republican and imperial. The Greeks, wherever they established their power, carried with them the elevated sentiments and graceful mirth of the stage; and you may trace the dominion of the Ecmans over the ancient world, by the amphitheatres built

* The amphithentre of Vespesian and Titus was, in the low lied Calisseon, or Colosseo, From the vestness of the leaded t, as has been sometimes extend, from a colossal state pound to have stood near in. (Laurindon's Antiquities of it leable work, p. 589.) Calle

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or the gratification of their farocity." (Mideleren's lote, 190-2)
The Romans, always found of above

The Romans, always fond of shows and games, were appointly attached to those of the Circus.

---- Das tentum res annins optat, Penen et Circuses.

JUVERAL, Set. 10. v. 81. There are said to have been at one time no fewer than 15 circuses in the city and its environs. The principal of which were the Circus Maximus, Circus Agonalis, and the circuse of Nero and Caracalia. Of the Circus Maximus (which Anmianus Marcellinus describes as being at once "the temple, the dwelling-house, the public meeting, and all the hopes of the ancient Romans"), there are now no remains; but Pliny informs us that it was capable of accommodating \$50,000 spectators; and Juvenal, using, perhaps, a peet's licence, goes the length of saying,

accommodating 200,000 spectators; and Juvenal, taing, perhaps, a peet's itenee, goes the length of saying,
"Team hole Remean Cross capit."

The form of the Circus Agonalis (supposed to have been built by the Emperor Severus) may be traced in the Piasra Navona; and even the round end is not tost: it is about 750 ft. in length; and the races held sere during the Carnival forcibly remind us of the uses o which it was fornerly devoted. The Circus of Carallai, outside the gate of San Sebastian, has its walls rill entire, though the sents have fallen in, leaving a ind of terrace along the whole length of the walls. It pears to have been 1,878 ft. in length, 435 ft. in width, and to have been capable of accommodating 20,000 spectors. Of the other Roman ruins (accepting those of the forum and capitol), the two columns of Trajan and ntonine, and Severus, principally deserve attention, from eir beauty and the taste displayed in their execution, he column of Trajan, erected to commemorate that uperor's successes in Dacia, is 115 ft. 10 in. in height, tinciading the statue of 8t. Peter, which Sixtus V. d the had taste to substitute for that of its illustrious under. A spiral staircase leads to the balustrade at top; and the exterior is adorned with aculptures in its relieve, spirally arranged round the column, reprecting the victories and achievements of the emperor-topion's pillar at Paris is a good imitation of that of its. Paul; the bas-reliefs, similarly arranged to those he other column, are not nearly so well executed, and whole is such injured and defaced. The Arch of its, built to commemorate his victories over the Jews, isting of a single arch, was adorned with eight lee columns of the Composite order, and had its ior overed with sculptures, representing the em-'s triumph after the capture of Jerusalem; but it is state of great dilapidation, many of its rich deconhered it to be excavated; and there is now a lassage under it at the level of the ancient pave-and, perhaps, on the pavement itself. The arch netantine, ing the figures of 8 Dacian captive warriors. It is with the bas-reliefs taken from the arch of and with others of later date and of very inferior ii. The soil which had accumulated round this ii. The soil which had accumulated round this excavated in 1804, when part of the Via Triwas brought to light. The grass-grown platic top was once, probably, occupied by the victor iumphal car; but this has disappeared. We ady stated, that the paltry gateway in front of an Palace is a wretched ministure imitation of (Lumiseden's Ancient Rome, 327.) pitoline Hill, "that rock of triumph, that highers Rome, embraced her heroes," naturally

pitoline Hill, "that rock of triumph, that highere Rome embraced her heroes," naturally feeling of enthusiasm; but of the topogramatent Capitol we really know next to no-Four temples, 15 chapels, 3 altars, the great tress, a library, an atteneum, an area covered es, the enrollment-office, all these are to be m a space 400 yards in length, and 200 in and of these, the last only can with precision I to the double row of vaults crowded with the inscription of Catulus was discovered, may be believed to have extended along the

whole side of the hill." (Hobbouse's Illustrations of Childe Harold.) But however little be known of the precise position of these ancient buildings, here was situated the domus de canna straminibusque, which passed for the house of Romulus, and was preserved with passed for the house of Romulus, and was preserved with religious care till the time of the emperora; here the Roman people celebrated their most sacred rites, and kept their treasures, archives, trophies, records, Sibyllime hooks, and other valued relies; and here 300 conquerors, in the space of 1,000 years, deposited their spoils and consummated their glories, by the grand spectacle of a triumph. (Mactaren, p. 161.) The Roman forum, however, is, perhaps, the most melancholy object within the walls of "the eternal city." Its former grandeur is utterly annihilated; the ground has been applied to other purposes, and even the exact position of its various parts is much disputed, though it be probable that excaptions, judiciously conducted, would set the question at rest. The forum, as described by Bunsen, the Prussian envoy, who took great pains on its investigation, appears to have been of no great size (about 2 acres), and to have owed much of its magnitieence to the temples, basilica, curies, and other buildings that surrounded it. basilicæ, curiæ, and other buildings that surrounded it. Indeed it was in consequence of its inadequate size, that Indeed it was in consequence of its inadequate size, that Julius Cesar built a new one. Angustus, Trajan, and other emperors, followed his example, and Rome had ultimately a multitude of forums. But though the ancient Forum Romanum and present Campo Vaccino be so desolate that we might apply to it Virgil's description of its appearance before the arrival of the Trojan settlers, (Æn. vili. 360.):—

Romanoque foro et lautis mugire carinis,"

the classical scholar turns with more pleasure to the pages of Byron : -

"The Forum, where the immertal accents glow, And still the eloquent air breathes, burns with Clorn! The field of freedom, faction, fune, and blood; Where a proud people's passions were exhaled From the first hour of empire in the bud. To that when further worlds to conquer failed."

To that when further worlds to conquer falled."

The forums of Augustus, Trajan, and Nerva, were laid out near the foot of the Capitoline Hill, close to, though separated by buildings from the Forum Romanum; and southward rises the Palatine Hill, on which was built that mere village or collection of huts of which the masters of the world, in the days of their grandeur, loved to speak as "the cradle of their empire, the acorn, whence sprung the mighty oak that overshadowed the world."

Cicero had a house bere, and the brick ruins are still extant of the golden palace of Nero; but at present this spot, which once lodged the whole Roman people, is occupied by a single villa, surrounded by vineyards and gardeus. All the more conspicuous monuments above described belong to the imperial times, for scarcety a cupied by a single rilla, surrounded by vineyards and gardens. All the more conspicuous monuments above described belong to the imperial times, for scarcely a shred remains which can be referred with certainty to the ages of the Republic. The principal exceptions are the Tullian prison, comprising two dungeons, perfectly dark, and built with huge blocks of stone, answering, in all respects, to the striking description given of it by Salluat; (Bet Catalina, cap. 5a.); there are also two ancient tombs (one of which belonged to the Cornelian family, and contained the bones of the Sciplos); and the Cloaca Maxima already mentioned; but these structures have little beauty, and derive their interest almost

the Cloaca Maxima already mentioned; but these struc-tures have little beauty, and derive their interest almost exclusively from classical associations. Population.—It is extremely difficult to arrive at any just conclusions with respect either to the population of Rome, or of any other of the great cities of antiquity. Generally it has been exceedingly exagerated. The great actions of the Romans, the vast extent of their empire, sed the resymference and subendum of their capital, the and the magnificence and splendour of their capital, the original seat of their power, seem naturally enough to lead to the conclusion that its pop. must have been immense. The strong national spirit of the Roman writers led even the most cautious among them to magnify the power and importance of the eternal city, which were exaggerated beyond all bounds by orators and poets, anxious to gain the favour of the public by flattering their prejudices, and exalting their power and greatness. The statements, too, of the classical writers as to the pop. of Rome and other great towns, are not only in themselves very vague, but, being extremely liable to mistakes in copying, have, no doubt, in many instances been magnified by copyists and others, always prone to exaggerate what is really and the magnificence and splendour of their capital and others, always prone to exaggerate what is really great, and of which they have no distinct knowledge. And in addition to this, all inquiries into the pop. of Rome, Athens, and other ancient cities, are rendered pe-culiarly difficult from the circumstance of the returns of the censuses, and the statements in the classical au-thorities founded on them, usually or always referring to such free citizens only as were capable of bearing arms, without including children or slaves, though the latter without including challer or slaves, though the latter formed in most instances a large, if not the largest portlon, of the pop. Our limits will not, however, permit of our entering into any detailed examination of the various statements that have been put forth with respect to the

ROME. ROR

pop. of Rome. The exaggerations of Vostins, Lipsius, Chatosaubriant, and others, who give to imperial Rome 14, 0, and 3 millions of husb., are too absurd to deserve notices. Hume, who in his masterly Essay on the Popularion of the pop. of Rome with his usual learning and good sense, arrives at the conclusion that Rome, when in the senith of her greatness, might have been about as populous as London in 1760; in other words, that she might them have had from 700,000 to 800,000 inhab. Glibbon estimated the pop. at 1,800,000 (v. 286, 870.ed.); but it would appear that the more moderate estimate of Hume his the more accurate, though the probability be that even it is beyond the mark. It appears from the very learned and elaborate researches of M. Dureau de la Malle (Ecosomic Publique des Rossasias, Ilv. il. cap. 10.) that the area of Rome, included within the walls of Aurellan, which have been traced and laid down with the atmost precision, amounts to very near 1860; hectares, that is to about 3-8ths the area of Paris: and the fair presumption is from the numerous forums and other open spaces in Rome, the numerous forums and other open spaces in Rome, the numerous forums and other open spaces in Rome, the numerous forums and other open spaces in Rome, the numerous forums and other open spaces in Rome, the numerous forums and the surpression, as compared with that of Paris, would be in a still less proportion. To the pop. within the walls has, however, to be added that of the suburbs, the associated which is the subject of elaborate inquiry by the same learned critic. On the whole, he concludes, apparently on good grounds, that the pop. of imperial Rome, including its suburbs, in its most fourishing period, may be fairly estimated, allowing for froope and strangers, at between 050,000 and of the condition of the condition of the subject of

vermin.

The cardinals and bishops being (under the pope) the rulers of the country, constitute the court-party, and claim the highest rank, after whom come the lay-nobility, subsisting on the revenues of their estates. The priest-hood forms a very numerous portion of the inshes; for, besides 37 cardinals and bishops, it appears, according to the census of 1836, that there were then in the city 3,490 priests and monks, besides 1,394 nuns. The civil nobility, with a few exceptions, are few in number, poor, and without power or influence. The lawyers, who are divided into 4 classes (correspond-

ing nearly with king's coussellors, barristers, attorneys, and notaries), form a pretty extensive section. After them rank the artists, a very numerous body, with a good deal of influence in society; and next to those are the mercand di Campagna, a wealthy class, who farm extensively, and have warchouses at Rome for the asle of their produce. Rome has shout 5,500 shops; but their owners, with some few exceptions, rank below the classes above described. The foreigners, a mixed multitude, among whom the English and Russians are the most numerous, and, generally speaking; the best inconsequence of their wealth, many pecuary privileges. The police extercises no inquisitorial powers; and fearingners may live as they please without attracting election, and do, with impunity, what weuld not be permitted to natives. To this circumstance, as well as tethe fascinations of antiquity and modern art, we may actribute the visits of foreigners; for, of the English at least, a large proportion are led by motives very different from a love either of the fine arts or classic love. (MacLeren, p. 145.) With respect to morals, it is admixted on all hands that they are extremely lax. The common people are intelligent, and obliging, but passionners; and, on the slightest provocation, strike at each other with this way. Revenge and jealousy often lead, among the lower orders, to assassinations; rendered more frequently by the almost perfect impunity with which they may be committed. The statements as to conjugal insidely are, perhapse, exaggerated; though the circumstances under which society is placed, the swarms of placed, they are a strip of the part of the courts it is asserted that of intrigue lowers, hardy no confession in conference of their own interest; and in the courts it is asserted that any quantity of false evidence may be got for money. Cheating, in all its forms, is practised by high and love; and provided it be cleverely done, and successful, they feel a pride in tolling it. The judges and functionaries of all kinds h

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to inspire them with the love of sweet sounds. An amphibentre (corres) for bull-lights, turnbiling, horseriding, &t. has been formed out of an ancient manuscleum of Augustus, and when open is a favourite resort. The carrier's would require some space for its description in detail: it may be sufficient here to observe, that in its license and intrigus, its unbridled mainth, and its levelling of rask; nay, even in the season of its celebration, it is sperosches, perhaps, more closely to the feest of Cybels, when, seconding to Livy (xxiv. c. 14.), the richsel drayers were hung from the windows, masquending took place in the streats, and every one, disguisaring himself as he pleased, walked about the city in jost and buffonery. If the historian had informed us in addition that one of the principal amusements was a promiscuous pelting of sugar-plums or chalk-stones, he would have turaished us with a precise picture of the modern Carnival. Religious festivals are very frequents, but occur oftener between Advent and St. Peter's Day than at other seasons. The Pope celebrates mass and confers his politic benediction, its. Peter's or Christiness Day, Easter Day, Whit-Suffley, and other festivals, on which occasions the solemnities are unusually grand, and attract immense crowds to the church.

The exhibition of the lilumination of the exterior of the church is also very imposing: the appearance of this immense building, with its dome, lantern, and

tract immense erows to the church. The exhibition of the illuminated cross has been already mentioned. The illumination of the exterior of the church is also very imposing: the appearance of this immense building, with its dome, lantern, and cross, all lighted with large paper lanterna, has a most striking and magnificent effect, which, however, is nuch heightessed, when at a given signal thousends of flobes and stars of vivid fire, suddenly ignited, as if ell-kinded, blass in a moment issue one dashing flood flight, all over that vast structure. Immediately after he above display, on the night of St. Peter's day, follows e Girandola, an exhibition of fire-works, from St. ngele, which is generally admitted to be superior any other of the kind in the world. These festivals at the Papal treasury about 18,000 crowns a year. We have already noticed (PAPAL STATES, essié, 462.) a wretched state of literature and education in modern me. It has, indeed, a university, a college, and numera public schools; but they either afford no instruction the higher branches of literature and philosophy, or h only as is of the worst possible description. All gip publications, that night tend se expand and enten the public mind are rigidly excluded; all native ks must be submitted to the revision of the licensers; the only literary pursuits that most with any encounters these aboving reference page and the content of the licensers;

eign publications, that might tend be expand and enten the public mind are rigidly excluded; all native its must be submitted to the revision of the licensers; the only literary pursuits that meet with any encoument are those having reference to antiquity and inc arts; and even they feel the paralysis that affects other and nobler branches of study. "Rome, once nistress of the world, the seat of arts, empire, and, now lies sunk in sloth, ignorance, and poverty, ved to the most cruel as well as to the most contempor (tyrants, superstition and religious imposture." lictor's Cicero, 1. 494. 4to ed.)
he has numerous charitable sentitutions, the total I revenue of which amounts to between 800,000 and of dollars, half of which comes from the papairy, the rest being supplied by endowments or ary contributions. But however large be the rof these establishments at Rome, "a great project of them are of doubtful, ill-directed, and even our charity. Not to speak of the foundling host or those which offer a premium to idleness and lessness; there are 13 societies for giving downers all themselves of these societies." There is also rivate almagiving, especially by the pope, who hads about 25,000 crowns a year. The consequence adjectminate charity is seen in the mendicity, wretchedness, idleness, and want, that meets ery step in the streets of Rome. There are in 21 establishments for the diseased, insane, and enten from Naples. The refoundling hospitals, in which are nearly 4,000 both sexaes. In fact, Rome is one of the ients for abandoned children, brought thither to provinces, and even from Naples. The refounding the papal government, its judicial to the second such and the provinces and the such with other the such that the such that the second such that er cent.

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vactor, or civil governor, he enjoys only the

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conferred exclusively on a native of another

as it has not been thought safe to entrust

The police of the city consists of about

vers, somewhat similar to the gens d'armes;

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but the inefficiency of this body, which is said to be even more imbecile than the old town guard of Edinburgh, is proved by the frequent robberies and assasinations committed with almost total impunity.

Rome, though the chief manufacturing city of the Papal States, has no manufacture deserving much notice. The principal are alik and woollen goods, separally kinds of alik goods. Hats of very good quality are made here to the value of about 200,000 crowns a year. The manufacture of mosaics and jewellery of an extremely varied character, occupies a great number of hands, and many also are employed in making casts, or imitations of antique models, &c. Leather, and prepared akins, gloves, parchment, strings for musical instruments, giue, giass bottles, are among the other articles manufactured in the city; but they are of no great importance; and with the exception of works connected with the fine arts, all the manufactures are anducted in the most clumpy manner. The Hospital of St. Michael has the privilege of furnishing cloth for the apostolic palaces and the pontifical troops. None but national wool is employed in the manufacture; the spinning is done by hand, chiefly by women in the prisons, the warping is effected also by manual labour, and it is made a boast that no machinery is employed where the work can be done without it! The establishment has 26 looms, employs 850 persons, and produces about 77,500 yds. a year of the most costly, if not the best, toth produced in Europe. Manufactures of some kind or other are carried on also, chiefly by hand, labour, in 12 conservatories, containing about 600 inmates. Rome has an insurance company, a public bank, besides two private banking-houses, a savings' bank, and a mosaic sit picta, the last of which had, in 1836, a circulating capital of 230,000 crowns.

A great discrepancy of opinion has prevailed with respect to the climate of Rome. The fact, however, seems to be the with the with the best count of the count of the most count of the house to the house coun

banking-houses, a savings' bank, and a mossic of picta, the last of which had, in 1836, a circulating capital of 230,000 crowns.

A great discrepancy of opinion has prevailed with respect to the climate of Rome. The fact, however, seems to be, that wherever the houses are few, and the ground is mainly overed with gardens, fields, or ruins, malaria is felt during the summer months, though not in the same degree as in the open country outside the walls. Now, this is the condition of the greater part of ancient Rome, of all the districts E. and S. the Quirhail and Capitol; so that five of the seven hills are either wholly or partially unhealthy. The upper part of the Pincain hill, the road towards the Porta Pia, and the space between the baths of Dioceletan and the Porta San Lorenso are also considered unhealthy, and there are districts of the same character hardly inhabited, having a convent here and there, the rest being laid out in gardens, vineyards, &c. West of the Tiber, the district of Lungara is unhealthy. The more densely peopled parts, on the contrary, are sufficiently healthy; and it may be said with truth, that moders Rome, which extends from the Quirinal and the Capitol to the banks of the Tiber, is generally free from malaris. There are unhealthy seasons in Rome, as in most other cities, and in particular years epidemic fewers prevall to a learful extention the dirty and densely peopled districts; but these have no connexion with malaris, being attributable rather to the absence of sewerage, and the filthy habits of the lower orders. The temperature of the city is generally mild and genial. Frosts are not frequent, and though snow fulls occasionally, it seldom lies on the ground more than a single day. The tromontess, however, a piercingly cold N. wind, sowetimes blows for days together. Rains are frequent and heavy in November and December; but logs are rare. In summer the heat is often oppressive, especially during the prevalence of the scrocco. In summer, the hour after sun-set is considered the m

church, is far too extensive to allow of any considerable details in a work of this nature. Its foundation is hidden details in a work of this nature. Its foundation is hidden in the obscurity of an age respecting which few records remained in the time of its historians; and the investigations of Beaufort and Niebuhr have thrown much death on its early traditional history. Chronologites, however, are pretty well agreed in assigning its foundation to Romaius, its sen, according to Varro, being 733 years a.c. According to the account of Livy, the founder was succeeded by 6 other monarches, and the constitution as succeeded by 6 other monarchs; and the constitution during the kingly period was an elective monarchy, with a king, senate, and popular assembly, the king being, at the king, senate, and popular assembly, the king being, at the same time, chief magistrate, high priest, and commander of the army; though, in point of fact, as his election depended on the voice of the comitta, the "poople" were the real source of power. The senate originally consisted of 100 members, to whom, in course of time, others were added. The comitta comprised the burghers only, and the decrees of the senate required their approval before they became law. The klomans during Rr4 this period being successful in war, added considerably to their previously confined territory. The public and private vices of Tarquinius Superbus led (assee 510 a. c.) to the affiliation of kingly government, and the establishment of the republic, under 2 consuls, annually chosen, originally from the patricians only, but afterwards from either patricians or plebeians. The temporary ascendancy of the patrician party effected the institution (s. c. 500) of the dictatorship, by which, on extraordinary emergencies, the whole power of the state was committed to a single individual, who might act with despotical authority. In the sequel, after many delays, and much opposition, officers called tribmes were appointed by the people, who had a veto on the proceedings of the senate. The constitution was thus founded on the principle of a distribution of power between the aristocracy and the commonaity; and in this state it remained without any considerable change to the end of the Punic wars, the empire of Rome being in the meanwhile extended over Italy, Sicily, Corsica and Sardinia, the N. coast of Africa, and part of Spain. Amid these successes the distinction of patricians and plebelans seemed to have disappeared; but the unequal distribution of the public lands, or of those conquered by the arms of the republic, led to new, protracted, and bloody struggles between the patricians, who had appropriated to themselves the lion's share of these lands, and the plebelans, who sought to bring about their more equitable division. This occasioned the introduction by the latter of an AGARJEAN Law; not, however, meaning by this, as is commonly understood, a law to interfere with or to effect an equal distribution of private property, but merely a law to limit the extens of the public lands held by individuals, and to subject them to a real and not a nominal rent. (Sec Niebuhr, 11. passim.)

The history of the intestine troubles of Rome during the long protracted contests respecting this law, and the extension of the franchise t

deliberations of the city assemblies were henceforth liable to be controlled by an influx of citizens from a distance, and full scope was given for the exercise of all sorts of corruption and intimidation. The soldiers, too, after they had carried their victorious arms beyond the boundaries of Italy, gradually ceased to pay their accusatemed deference to the orders from Rome, and began to regard themselves rather as the servants of the generals by whom they were commanded, and to whom they looked for advancement, than of the republic. In consequence, the whole power of the state came to be engrossed by the great military leaders; and Marius and Sylla, Pompey and Cessar, Marc Antony and Augustus, were successively masters of the Roman world. The battle of Actium (asses a. c. 20.) threw the whole power of the state into the hands of Augustus, and the public, weary with intestine wars and revolutions, were gisd to enjoy tranquillity under his supremacy. The imperator, who had previously been merely the commander in chief, now began to concentrate all the powers of the state in his own person. He became, in effect, perpetual dictator, and held the sovereign power free from all constitutional responsibility. The senate, indeed, continued to exist under the emperors, and the prætors or indges retained their names; but the decrees of the former were recommended, or rather dictated, by the emperors, and the edicts of the latter were superseded by summary decrees called constitutiones principusm. In this state the government of Rome remained about 400 years. The succession depended partly on the will of the religining emperor, who sometimes appointed his In this state the government of Rome remained about 400 years. The succession depended partly on the will of the religning emperor, who sometimes appointed his successor, either by adoption, or by giving him the title of Cassar. In the event of no successor being named by the previous emperor, the right of election devolved on the seaste; but it was frequently usurped by the army and by the Prestorian guards; and sometimes rival emperors were chosen by the sense and the army, or by different armies, the pretensions of the candidates being decided in the field. Under such circumstances, and considering the degraded state of the Roman people, emerated by indolence, and corrupted by largesses, immunity from taxes, and indulgence in public shows, it may well excits surprise that the empire did not sooner fall to pieces.

fail to pieces.

Some speculative inquirers have classed the circumstance of the imperial dignity being elective among the causes that contributed to its decline; whereas it really appears to have been almost the only principle that enabled it to survive so long. In a government like that of lume, where every thing had to be transacted directly by the emperor, a hereditary monarchy, which supposes the occurrence of minorities, was out of the question. And how unworthy soever the means by which

ROMNEY (NEW).

Some of the emperors arrived at the imperial digusty, not a few of them owed it to their superior ability, not a few of them owed it to their superior ability, not a few of them owed it to their superior ability, and other able princes, gave new vigour to the tottering fabric, and prolonged its existence.

At the close of the 4th century, the Roman dominions, which still extended from Britaln on the W., to the Euphrates on the B., were divided between Honorius and Arcadius. At this time, too, the berbarians, sensible of the growing weakness of the Romans, began to harass the empire with incessant heartifilets, and one country after another was lost, till at length Italy itself was invaded by the Huns, and shortly afterwards by the Herali, whose general, Odoscer (A. D. 476), dethroned the impotent Romulus Augustulus, assumed the title of rez, and fixed his residence in Ravenna. Thus fell the greatest empire of the world, exactly 1,229 years after its supposed foundation by Romulus. Odoscer gave way to Theodoric, king of the Ostrogoth, and during his reign Rome and all Italy enjoyed a period of peace and property. But the caim was only temporary; Belisarias, the general of Justinian, and Totija the Ostrogoth, successively took Rome, which was stripped of some of its most spiendid monuments, at the same time thas kin inhabs, were reduced to a state of wretchedness which they had not before experienced. After having become a province, or exerchate, of the eastern empire, Rome passed, in 774, under the dominion of the Franks, who retained it till the deposition of Charles is Groa, in 887, after which the possession of Rome and Italy became, during more than three centuries, the subject of contention between the emperors of Germany, the numerous states into which Raly had been parcalled, and the bishoped Rome, who with the title of pope assumed a right to temporal power. Nicolas III. at length obtained from Rodolph of Honberty, in 1278, the grant of an independent territory, called the States of the Ch

is also one of the polling places for the S. div. of Res Markets, especially for caives, well attended, on Monds Tuesdays, and Wednesdays; fair, June 24. for cattle a

Tuesdays, and Wednesdays; fair, June 24. for cattle ash horses.

ROMNEY (NEW.) a cinque-port, decayed bor. market-town and par. of England, co. Kent, lathe Sheyway, partly in lib. Romney-marsh, and partly in hund. St. Martin's Pountney, 19 m. S.W. Dover and 36 m. S.E. London. Area of bor. and par. 2,230 acres: pop. in 1831, 963. The town, which arose out of the ruins of Old Romney, was formerly in a comparatively flourishing condition, being a considerable sea-port; but the haven has for many years been completely filled up. It consists at present of a broad principal street crossed by one of interior size, in which is the town-hall. Houses chiefly of brick, the market-house and town-hall being modern erections. The church is a specious structure, consisting of a nave, asises and chancel, partly Norman, and partly in the pointed style, with a large and curious tower at he W. end: the living is a vicarage in the patronage of All-souls' College, Oxford; of the nett value of 1612, a year. The Wesleyan-methodists have a small chapel, and there are 2 sunday-schools, besides a free-school and almshouses. The inhabitants, with a few exceptions, are employed in graning cattle on Romney-marsh, a rich tract of land, extending about 7 m. N and W. from the town, and comprising about 47,000 acres. This tract is defended from the encroachments of the sea by an immense embankment called Dymchurch-wall, along which is a good road for carriages: this see-wall is kept in repair by a rate levied on the proprietors of the

ing wool.

New Ronney is a bor. by prescription, and returned 2
mens. to the H. of C. from the reign of Edward 11.

down to the Reform Act, by which it was disfranchised.

It was not considered of sufficient importance to be
included in the provisions of the Municipal Reform
Act; but it all retains certain privileges reserved in that
Act for the Unque-ports. Old Romney, 2 miles W.
the town, has now only a few houses aurrounding the
church. Markets on Thursday: fair, August 26, for
notier, Ac.

the town, as now only a row interest and the charlet on Thursday: fair, August 26, for pediery, &c.

ROMORANTIN, a town of France, dep. Loir-et-Cher, cap. arond, on the Seudre (a tributary of the Loire), where it receives the Morantin, 34 m. 8. Biolos. Fop., in 1846, et. coin., 6,206. It was formerly the cap. of Soigne, and was embellished by Francis I. It has an old castle, a specious prison, a theatre, courts of original jurisdiction and commerce, and some manufactures of woollen stuffs and yarn. Romorantin was taken by Edward the Black Frince in 1256. Cannon appear to have been used in the slegs; but this, though one of the surject, is not, a has been alleged, by sny means the first occasion on which they were no employed. But it is better known in history, by giving its name to the edict of 1656, drawn up by the chancellor l'Hôptital, which gave to bishops, and took away from the parliaments, the power to try cases of hereey. It is said that the chancelor consented to this edict only to avoid a still greater evil, the establishment of the inquisition. (Hessatti Abrégée, Amo 1501; Hago, &c.)

POMSEY or RUMSEY or mum. bor., market-town,

ransosio consessio consessio this senter only to avoid a singreater evil, the establishment of the inquisition. (Hessit thrighet, Asso 180; Hugo, &c.)

ROMES Yor RUMES Y, a mun. bor., market-town, and par. of England, co. Hanta, hund. King's Sombourn, he town being situated on the Test, a tributary of he Anton, on the Andover canal, &m. N.W. Southmeton. Area of par., divided into Romesy-Extra and ifs., 9,310 acres. Pop., in 1841, \$,347. The town, hich consists chiefly of a long and wide street, crossed ranother at right angles, covers a considerable extent ground. It has an audit-house, with a market-place neath, and an old town-hall, in which petty sessions held; but by far the most remarkable public building the par. church. This interesting edifice is almost the yremaining portion of an abbey said to have been inded here by Rdward the Elder. The present strucappears, however, to date from the beginning of the h century, and it is one of the most complete Anglorman monuments in the kingdom. "It is a cross irch, with a low massive tower; the general exterior h century, and it is one of the most complete Angioman monuments in the kingdom. "It is a cross
such, with a low massive tower; the general exterior
earance is Norman, of very good character, and much
unaltered. The W. end is early English, very plain
ide, and its details accommodated to the Norman
; but the inside of this W. portion is a very fine
inneo of the early English, rich rather by composition
minute ornament. The central portion and the
tepts, with the sides of the chancel, are Norman,
ing various singularities and mixtures of pointed
round arches." (Richwass, Goth. Arch., p. 176.)
church has a fine high altar, much good tracery,
and glass, &c.; and a curious pesuliarity is, that a
fruit-bearing apple tree grows from its roof. The
, a vicarage in the gift of the dean and chapter of
hester, is worth 365%. a year. The Prebyterians
a meeting-house in Romeey; and it has an almaa charity school for 30 boys, a free school, &c.
orporation are trustees for several charities which,
he affairs of the bor, generally, appear to have
rell managed. (Man. Corp. Appendix.) The corn consists of a mayor, 6 aldermen, and 12 capital
ses.

n consists of a mayor, 6 aldermen, and 12 capital sess.

sole importance of Romsey is derived from its ng goods by retail to a large agricultural district. bor. is increasing in pop., but the trade is deg. Formerly, many extensive manufactures of not other articles were carried on at Romsey, there is abundant and excellent water-power; introduction of steam has greatly diminished the Romsey." (Mess. Corp. Append.) illiam Petty, one of the most extraordinary men me, was a native of Romsey, where his lather on the business of a clothler. He received his ucation in the grammar-school of his native and after his death, on the 16th December, 1687, ins were deposited in the par. church under a se inscribed with his name.

A, a city of Spain, in Andalusia, prov. Granada, juadiaro, 40 m. W. by N. Malaga, and 44 m. Gibraltar. Pop., according to Mifiano, 18,678. ion is peculiar, being built on lofty rocks heether rivers, across which, at an elevation of 200 ft. surface, are thrown two bridges, one of which? a single arch, 110 ft. in span, and aumounted? a third bridge crosses the stream somewhat town. The river is wholly unnavigable; and cades are formed close to the city. One port the Old City, overhangs the S. cliff, and is

men. In these inspectance here furnish long combile, con.

men. to be list of C. From the reign of Edward III, do not be list of C. From the reign of Edward III, do not selected of sufficient Importance to be formed to the first of the year of Edward III, do not selected of sufficient Importance to be fact, but it is sufficient importance to be fact, but it is sufficient or that provides the control of the first of the control of the first of

(Scot's Ronata and Gyanada, L. 39—125.; Ros., 2 raw.; Mann, Sc.)

ROSCOMMON, an inland co. of Ireland, prov. Connaught, having N. Leitrim and Sligo, E. and S. E. Longford, Westmeath, and King's County, from which it is separated by the Shannon, S. W. and W. Galway, from which it is separated by the Suck, and Mayo. Area 609,405 acres, of which 131,063 are bog and mountain, and 34,787 water. There are some mountainous tracts in the N. parts of the co., and elsewhere; but, speaking generally, its surface is nearly flat, exhibiting, for the most part, either green fields or bogs. Substratum principally limestone.

the ruins of a Franciscum monastery. The town is irregularly built. Among the public buildings are the par. church, a Rom. Catholic chapel, meeting-houses for Quakers and Methodists, a school on the foundation of Brasmus Smith, a fever hospital, cholera hospital, and dispensary, market-house, bridewell, and bewrack. A manor court, which holds pleas, to the extent of 10t. Irish, sits monthly: petty sessions are held on Mondays. It is a constabulary station. It meansufactures coarse woollens, has several four mills, two tentures coarse and mills and tentures coarse woollens, has several four mills, two tentures coarse was a several four mills, two tentures coarse coarse was a several four mills, two tentures coarse coarse was a several four m

Pattures most huxurisani. Stoos èmoss, so common in focalcular, are, in Friedand, servity possible to this consequence of the provisions and intermediate class between the greet class and the provision of the provision

ROSS.

ROSTOCK.

ROSTOCK.

Cited in this, as well as in other Highland coa. At no very direction, and no the temperature of the control of th

on the whole, been highly advantageous to the ry themselves. Having been obliged to repair to or to emigrate, they have also been obliged to the their slothful habits; so that, in point of fact, the wealth and industry, but even the pop. of merry, has gained materially by the introduction major of that sheep-farming system that has been accounted to the second to execute ze of so much ignorant vituperation. In proof we may observe that the pop. of this district at, according to the enumeration of Dr. Webster, to 47,466. In 1800, it had increased to 55,877; ithstanding the increase of sheep-farming, and dence of emigration in the interim, it amounted, 78,685. Minerals and manufactures of no im-Average rent of land, including the islands, 5d, an acre. Principal rivers,—Conon, Oriu, ly. This district is divided into 33 parishes, the state of the lands o

In men. to the H. of C.; the bors. of Ding-land Cromarty being associated with others arn of a representative. Registered electors in 1849-50, 711. In 1841, Ross and Cro-16,286 inhab. houses, and 78,685 inhabs., of 79 were males, and 41,908 females. Valued M. Scotch; annual value of real property, in

town and par. of England, co. Hereford, tree, on the Wye, 15 m. W. by 8. Gloucester., 3.540 acres. Pop. of do., in 1841, 3,778, of bor. had about 2,500. The latter is finely an eminence above the river; but its streets ough, and narrow. The church, in a contaction, has a loft medic and is made in the intion, has a lofty spire, and is partly in the ratyle; but, according to Kickman, that by alterations and repairs. The living, a vicarage, vested in the patrongs of the vicarage, a vested in the output, and the patrongs of the best in the out, being the patrongs of the best in the out, being the patrongs of the best in the out, being the patrongs of the best in the out, being the patrongs of the best in the out, being the patrongs of the best in the out, being the patrongs of the best of the best of the patrongs of the best of the patrongs of the best of the patrongs of the patrongs of the best of the patrongs of the patrongs of the best of the patrongs of the

were turied, not in counstance has been alluded to by Scott, in his fine ballad of "Rosabelle," in the "Lay of the Last Minstrel."

The gien in which the Esk runs from Roslin to Laswade is mostly narrow; has in parts high, precipitous, rocky, and well-wooded banks, and is celebrated for its romantic accessry. A little below Roslin, on the opposite side of the river, is Hawthornden, the seat of Drummond, the contemporary and friend of Ben Jonson, and one of the best poets of his age. The bouse stands on the brink of a precipice, everhanging the river, and with the estate, is now in the possession of the descendants of the poet. Below the house are extensive caves, or spartments cut in the sandstone rock.

Roslin is much resorted to in summer by parties from Edinburgh; and most strangers who visit the latter, contrive sloo to visit Roslin. (Pensant's Scotlend, ili. 1964. ed. 1790.; Cambacry's Gas. of Scotlend, dc.)

ROSSBACH, a village of Prussian Saxony, 16 m. S. Halle, calebrated in modern history for its being the scene of the great victory gained on the 5th of November, 1787, by Frederick the Great, with little loss to hisom forces, over the French and Imperialists.

ROSTOCK, a commercial city and scaport of N. Germany, being the largest town, though not the cap. of the grand duchy of Mecklemburg-Schwerin, on the Warnow, 9 m. shove its mouth in the Baltic, and 40 m. N. R. Schwerin; lat. 340 N., long. 130 137 R. Pop., in 1843 30,366. It is surrounded with old walls, and divided into 3 parts; the old, middle, and new town. It has several suburbs, which, with the city, are built in an old fashloued style. It has been frequently the residence of the grand dukes, and has a ducal palace, numerous churches, a convent, 2 hospitals, a town-hall, theatre, &c. The church of St. Mary's is interesting from its having a monument in honour of Grotius, the illustrious author of the treatise De Jewre Bellie et Pacis, one of the greatest men of modern times, who expired here on the 58th of August, 1645, far from his family and

comercial institute, it is one of the most active manni-scuring towns in N. Germany, having numerous wonkings, and the control of the control

remy other Duick turn, is interresceed by numerous canada, only on politic interrogations. In High Street, man is after the R and W. through the city, is somewhat mad above the set, boding built upon the dam by the risk of the trees, the politic intervention of the set of th

ROUEN.

ventilated; and the machinery, built by an engineer at Rheims, though not of the newest descriptiou, was at Rheims, though not of the newest descriptiou, was attending to what I have sometimes seen in Scottish mills. (Handloom Wesser's Rep., pp. 129, 130.) The working pop. of Boubaix is increasing by continual immigrations from Belgium. Some of the labourers live in the town; but the greater number reside in the neighbouring villages and hamlets, coming daily to and from the factories, in which they work from 14 to 15 hours a day. They live mostly on meat, soup, potators, and beer; using butchers' meat 4 days a week. Symons says, that the morals of the working cleases here are decidedly worse than in most other districts; but, according to Villermé, who, in this respect, is a better authority, the work-people of Roubaix and Turcoing are, whether as regards morals, cleanliness, clothing, lodging, food, or health, decidedly superior to those of Lisle. Drunkenness is here, and, indeed, every where else throughout Franch Flandern, a prevalent vice; but, in other respects, the conduct of the work-people seems to be good; and they have established numerous societies for their mutual support and assistance. (Villermé; Tableta des Ouwriers; Hago; Dict. Géog.)

ROUEN (an. Rothermague), one of the principal cities of France, and the great seat of its cotton manufacture, dep. Seine. Inferieure, of which it is the cap., on the Seine, 44 m. (direct distance) from its mouth, and 67 m. N.W. Paris; lat. 49-99 22" N., long, 10 5' 80' E. Pop. in 1846, 91.046; but if the inhabe, of all its suburbs be included, the pop. will amount to upwards of 100,000. (Villermé, 4c.) This city, which stands in a fine and fruitful country, is most admirably situated on a navigable river, by which it comtunded by a verdant and delightful country, its numerous spires and towers, and the vessels that throng its quays, give it a very imposing external appearance, to which its interior presents in most parts a striking contrast. Generally ive it a ve

faubourgs Cauchois, Bouvreuil, Beauvoisine, Martinville, &c.

The Scine, here crossed by a bridge of boats, and one
of stone, divides it from its large suburb of St. Sever.
The boulevards, which are planted with trees, like those
of Paris, and the fine broad quays and cours, which
extend along the banks of the river, are the favourite
and almost the only public promenades; the equares or
open spaces are shabby and irregular, and except the
Pisce Royale, near the centre of the city, are all of
noisinificant size. Some, however, are ornamented
with public fountains, with which Rouen is well furnished: the Fontains de Littiens is a curious plece of
antique sculpture, representing Mount Parnassus, with
figures of Apollo, Pegasus, &c. In the square of
La Pucelle, an indifferent statue of Joan of Arc is
erected on the spot where that heroine suffered martyrdom in 1491.

The central parts of the city are the chief seat of
general commerce; the upper classes principally reside
in the faub. Caucholes, and the N. suburbe; while the
lower quarters at the E. end of the town, and the faub.
St. Sever, are almost wholly inhabited by the manufacturing classes.

By far the most celebrated and striking public edifice
is the esthedral arcs.

St. Sever, are amost wholly insulated by the manufacturing classes.

By far the most celebrated and striking public edifice is the cathedral, one of the noblest religious structures in France, or even in Europe. It was constructed principally between the 18th and 16th centuries inclusive: entire length, 424 ft.; breadth, 103 ft.; length of transcepts, 174 ft.; height of nave, 896 ft.* Its richly ornamented front has three fine portals, over the central of which is a square tower, and spire of iron work, resching to a height of 4648 ft.; flanked by two lofty but dissimilar towers, the Tower Rossess and Georges of Assection. The former, which dates from a period long anterior to the rest of the building, is in a simple and unadorned style; but the latter, built at the end of the 18th century, is much admired for the beauty of its architecture. It is ornamented with numerous sculptures; and before the Revolution contained an enormous bell, which, with many others belonging to this cathedral. tures; and before the Revolution contained an enormous bell, which, with many others belonging to this cathedral, was then sent to the cannon foundry. The interior of the edifice is lighted by 120 windows, many of which are ornamented with stained glass; and contains avant number of tombs, including that of Richard I. (Cosur de Lion) of England, many dukes of Normandy, and 17 arch-bishops of Rouen; and the fine massoleum of the

* The dimensions are given by Huge, and the Gulde du Veyageur, in Franch ft., which are here converted into Hartish feet.

two cardinals d'Amboise. The latter is very perte but many of the other monuments were much mettle in the religious and revolutionary wars. The church of St. Ouen in the Place-Royale below

The church of St. Ouen in the I to the oldest conventual establis to the oldest conventual establishment in Normand and occupies a larger extent of ground than the cath dral. It is an admirable specimen of the pointed Gothi its fine octagonal tower rising and occupies a larger extent of ground than the cathedral. It is an admirable specimen of the pothered Gother; its fine octagonal tower rising from the centre of the building, is 260 ft. in height. The town-hall adjoining this church was originally a portion of the conventual edifice; and, besides various public offices, is appropriated to the museum and public library, with about 80,000 volumes. Several of the other churches in Rouen well deserve notice, and some are of high antiquity. The great city clock is placed in a square Gothic tower, erected in 1829, in the High Street. The Palais de Justice, with a noble saloon, was beaff for the parl. of Normandy, at the end of the 18th century. The mercantile halls of Rouen, for the exhibition and sale of different articles, are well adapted to their destination. They occupy three sides of a square, the centure of which forms an open exchange. A special spartment is devoted to every different kind of goods; the cotton-cloth hall, where the most important branch of traffic is conducted, is \$30 ft. in length, by \$3 \tilde{A}\$ in. in breadth. Every Friday, from 6 a.m. till mean, these halls display great commercial activity. There is another exchange adjacent to the quay. The exchange office, chember des complete, barracks, the bicetive, a spacious general prison, smother prisons for accused but untried persons, prosecture, archibisher spatiace, mint, custom-house, college, 2 theatrus, hasders, the general infirmary, which, according to Hugo, has commonly 2,000 immates, Frotestant church, and the remains of an old fortress, are among the other principal public buildings. Rouen has some private houses worth notice, especially those in which Fontesule and Pierre Cornellie were born; others in which are some curious works of art, &c. It is the sea of a royal court for the deps. Scine-Inf. and Eure; of tribusals of primary jurisdiction and commerce; archamber of commerce, and council des prud houses, and the scine prise of the prince of the prince of the prince of the prin

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ROVEREDO.

sed this my is take as shows, rather than below, the average. Chiler and werener are both occupied in processing the lits of the method and the carriage and the corring and the little of a unperfor quality. (Recarding to the corring and the little of a unperfor quality in the little of the little of a unperfor quality in the little of the little of a unperfor quality in the little of the little of a unperform of Market and the little of
the great line of canal communication between the N. and S. cos. Its government is vested in 2 constables, shosen by the inhabs. Markets on Tucaday: fairs April 17.. June 5., and Oct. 21., for horses and cattle. RUGBY (an. Rockeberte, or Rokeby), a market-town and par. of England, co. Warwick, hund. Knightlow, on the Avon, 28 m. R.S.E. Birmingham, and 75 m. N.W. London. Area of par. 2,190 acres: pop., in 1841, 4,008. The town, on an eminence S. of the river, consists of 3 streets, one of which, leading to the church, is broad, and lined with modern brick houses: indeed, great improvements have been made within the last few year, and the advantages derived by the town from its proximity to the Birmingham Railway seem likely still further to promote its prosperity: in the older part of the town, however, there are many houses of plaster and timber, denoting the former poverty of the place. The church is an anchest building, possessing little architectural interest, with a square embattled tower, having a turret at the S.E. angle: the living is a rectory, of the annual value of 510%, in the gift of Earl Craven. There is also a district church, of very recent erection. The Wesleyan Methodists and Baptists have places of worship; and there are several Sunday-schools, a charity school for 30 children of each sex, with almshouses and other charities. The chief importance of Rugby, however, is derived from its great public school, to which the talent of several of its recent masters and the richness of its endowments have given a well-merited celebrity. It was originally a simple grammar school, founded in 1657, by Lawrence Sheriffe, citizen of London, a native of the neighbourhood, for the benefit of the town and neighbourhood for the benefit of the town and neighbourhood of Rugby. Any person who has resided during 3 years in, or within 10 m. of the town, may seen be educated free of expense; but if the parent reside out of the town, his son must then lodge at one of the boarding-house of the school, praying the same elected every year, and his age must not exceed 143 years at the time of his examination. The scholarship is tensible for six years, if the boy holding it remains so long at Rugby. The ancient buildings of this great seminary consisted formerly of a master's house, and two or three school-rooms, all of very limited size and shabby exterior, totally insadequate to the wants of the increasing establishment. In 1809, however, the erection of a large sand handsome pile of buildings was commenced on the site of the old school-house at the S. extremity of the town. The edifice is of white brick, dressed with stome at the angles, windows, and cornices, the whole being of Tudor architecture. The principal front is 220 feet in length, and the schools are entered by a turretted gate-way facing the street and leading to the principal court, a fine area, 90 ft. in length, by 75 ft. in breadth, having eleisters on three of its sides. The buildings on the S. side comprise the dining-hall of the head-master's boarders and three school-rooms; on the W. side is the great school-room, and on the N. side are schools for the French and writing classes. The apartments of the head master are handsome and commodious, communicating also with the various dormitories running round the quadrangle over the school-rooms. The school-chapel is a detached building, in the later pointed style, the interior being fitted up with stalls and handsomely carved

reats; the celling is decorated with paintings, and near the altar is the statue of Dr. James, a late head master, by Chantry. Rugby has no manufactures, and the inhabs, of the vicinity are principally agricultural. The traile of the town, however, has been greatly increased by the opening of the Birmingham Railway, which has one of its stations here; and it is now an important entropis. The Oxford Canal passes, also, within a short distance of the town, connecting it with the principal inland navigation of England. On an eminence N.R. of Ragby are some slight remains of a castle, supposed by Dugdale to have been erected in the reign of Stephen. Large markets on Saturday for cora and provisions; a great horse fair Nov. 23, and 12 other fairs. (Cher. Cowan. 25th Report; Journal of Education, vil. 234—345; Reathesy Household, 4c.)

RUGEN, an island in the Baltic, belonging to Prussia, opposite to Stralsund, and separated from Pomerania, for condingly irregular shape, being deeply indented by bays and arms of the sea. Area, 361 sq. m. Pop., about 35,000. It is very fertile, and sends annually large quasifices of cora, &c. to Stralsund. Rugen differs musch is appearance from the mainland part of Pomerania, for coasts consisting mostly of high, precipitous, chalky cliffs. It is well wooded; and being intercepted by a vinceas well as deep narrow bays, its scenery is kingle for the sea. Area, 361 sq. m. Pop., about 161, it is well wooded; and being intercepted by a vinceas well as deep narrow bays, its scenery is kingle for the sea. Area is a superance from the mainland part of Pomerania, for coasts are very dangerous. A lighthouse, having the landers he addining seas and bays is very productive. Unfartunately the island has no good barbour, and its coasts are very dangerous. A lighthouse, having the landers he addining seas and bays is very productive. Unfartunately the island has no good barbour, and its coasts are very dangerous. A lighthouse, having the lander in the eastern bermission dominions in 1815.*

RUGEPOO

RUSSIA, the most extensive, and one of the most powerful empires, either of ancient or modern times. It comprises the whole northern portion of the eastern hemisphere, from the frontiers of Posen and the Gulph of Bothnia on the W., to the Pacific Ocean and Behring's Straits on the E., or from the 18th to the 190th deg. of E. long., being a distance, on the 60th deg.

* It is very probable that Rugan was at one time joined to the mainland; but there is no foundation whatever for the maximum that it was separated from it by a violent storm in 1309.

readth of about 1,500 m. And, exclusive of his, Russia claims a very large tract in the l.W. part of America; and is mistress of Nova embla, and some other large islands in the rctic Ocean, of the Aleutian islands off amtchatska, and of the Aland isles, &c. in the altic. Her superficial extent has not been termined with any thing like accuracy. It as estimated by Hassel at 372,935 geog. sq. m., z. Russia in Europe, including Finland, ,869 sq. m.; Russia in Asia, 275,767 do.; d Russia in America, 24,000 do.: and Schnitz-, in his Statistique Générale, has adopted s estimate. The latest, however, and prothis vast empire is that given by M. Koeppen, the Academy of Sciences of Petersburg, in employment of government. According to gentleman, the area of its different great isions is as follows: -

mais in Europe, including the portions of the governments of Perm, Ovenbourg, and Vistka, that extend into Asia rottern Asiatic Russia, or Siberia uthern Asiatic Russia, or Transcancesian provinces and ducty of Pinland a 90,117 223,780 3,123 6,400 2,390 17,500 843.940 Grand total

. This estimate, with the pop., is subsequently give

e reader may, p-rhaps, acquire a better idea of the itent of the Russian empire, when he is told that ludes nearly one seventh part of the terrestrial part is globe, and about one twenty-seventh part of its surface. But by far the greatest proportion of rodigious superficies is almost uninhabited, and to be destined to perpetual sterility; a consequence of the extreme rigour of the climate in the procontiguous to the Arctic Ocean, and partly of all the great rivers by suited they are traversed. all the great rivers by which they are traversed their embouchure in that ocean, and being, there-saccessible either for the whole or the greater

naccessible either for the whole or the greater the pear;
of the Cossity. Mosmains. — Russia is, in gered, and comprises some of the most extensive
1 the world. That part of the empire which is
stern hemisphere is naturally parcelled into the
it divisions of European and Asiatic Russia, by
all mountains, which stretch in a N. N. E. difrom the Caspian Sea to the Arctic Ocean;
through the greater part of their course, the
between Europe and Asia. The highest points
ain have an elevation of about 6,500 ft. above
of the Caspian. In all the yeat country, exsin have an elevation of about 6,500 ft. above of the Caspian. In all the vast country, existence of the Caspian. In all the vast country, existence of the Caspian. In all the vast country, existence of the Caspian in all the vast country, existence of the Caspian in all the vast country, a waving surface, and without any considerations. There is nothing, in fact, save the break or interrupt the course of the wind, in tense space interposed between the Oural and hidan mountains. The only great chain of in western Russia is that of Caucasus, becausing and Caspian Seas, and this is almost hern extremnity of the empire. Siberia, or stage, consists principally of a vast plain, lining to the N Towards the S. and E., is in parts mountainous, being separated it a and Manchouria by high and little exits in which the great rivers that flow through tic Ocean have their sources. tic Ocean have their sources.

distinguishing feature in the appearance of vast forests. Schnitzler, who estimates the tropean Russia at about 400 millions of des that 156 millions are occupied by fo oses that 156 millions are occupied by formers to very prevalent in the governments of a Twer, between Petersburg and Moscow, in said a squirrel might travel from the one or without ever touching the ground. The konski, at the source of the Wolga, is the e of any in Europe. In the government of slides the Oural mountains, containing 18 statimes, no fewer than 17 millions are co-

of lat., of nearly 6,000 m. Its extent, from N. os., though less vast, is still very great, stretching from the 38th to the 70th, and in some parts of the 78th deg. of N. lat., exhibiting an average Astrakhan and Omak, which in many parts, indeed, are a mere sandy desert.

Rivers and Lakes.—The rivers of Russia are usually

divided into five groups or systems, corresponding to the seas in which they have their embouchure, vis., the Arctic Ocean, the Baltic, the Black Sea, the Caspian, and the Pacific Ocean. The first division is by far the Arctic Ocean, the Baltic, the Black Sea, the Caspian, and the Pacific Ocean. The first division is by far the largest. It comprises, in Europe, the Dwina, Mesen, and Petchora; while in Asia it includes, among a host of others, the Obi, Jeniset, and Lena, three of the largest rivers of Asia. All these rivers run from 3. to N.; and the last three have a course of from 2.000 to 2.500 m. The rivers which fall into the Baltic, though 2,500 m. The rivers which fall into the Baitic, though of far greater importance in an economical point of view, are of very inferior magnitude. The principal are the Nera, which has Petersburg at its mouth, the Duna, and the Niemen. The rivers which fall into the Black Sea equal those falling into the Baitic in commercial importance, and far exceed them in length of course and volume of water. Among others are the Dniestr, Dniepr, Bug, Don, and Kuban. The basin of the Carpian has, however, to boast of the largest and most important of the rivers of Russia, the Weiga. This great river has its sources in the government of Twer, about 180 m. S. by E. from Petersburg: including sinusattles, its course is about 1000 leagues, while that of the Danube is only about 450! (See Wolds.) It is of vast consequence to the internal navigation of the empire. The Caspian See, also, receives the Oural and the Emba.

Emba.

Owing to the flatness of the country through which
they flow, and the vast length of their course, the rivers
of Russia are but little interrupted by cataracts, flow
with a tranquil stream, and afford great facilities to internal navigation. The severity of the climate no doubt
prevents, during a considerable portion of the year, all
intercourse by water; and, as aiready stated, renders the
rians felling into the Arctic Deeps of comparatively. rieers falling into the Arctic Ocean of comparatively little value. Luckily, however, the frost, which inter-rupts navigation, affords the greatest facilities to land

rupts navigation, affords the greatest facilities to land travelling. (See post.)

The lakes, as well as the rivers, of Russia are upon a gigantic scale. The lake of Balkal, in the government of Irkutsk, in Asiatic Russia, is one of the most extensive in the world. In European Russia, the lakes of Ladoga, Onega, Peipus, limen, and Bielo Ozero, are also of great extent, particularly the first. The duchy of Finland is almost everywhere interspersed with lakes, and they are very abundant in other provinces, particularly in that of Olonetz.

Soil and Climate. — These, it is obvious, must differ

they are very abundant in other provinces, particularly in that of Olonets.

Soil and Climate. — These, it is obvious, must differ exceedingly in so vast a country. Some provinces mostly consist of sandy barren plains, or vast morasses. But the most valuable portion of the empire, or that included between the Baltic, the Gulf of Finland, and the Wolga, on the N. and E.; the Black See on the S.; and Austria, Poland, Prussia, &c., on the W.; hag, speaking generally, a soft black mould, of great depth, mostly on a sandy bottom, easily wrought, and very fertile. In some places it inclines to sand or gravel; in many, from the want of drainage, it is peaty or loggy: in Livonia, and parts of Lithuania, it is clayey, but it nowhere inclines to chalk. The following statements by Pleachégéf, whose accuracy is well known, contain all the information with respect to the soil and productiveness of the country that seems to be required in a work of this description. "Russia," says he, "is divided into two great parts by the Oural mountains, which form an uninterrupted barrier through its whole breadth and separate Siberia or Asiatic from European Russia.

"That part of Russia which lies on this side of the Oural mountains, presents an immense plain declining westward by an easy descent. This plain, from its vast extent, has a great variety of climates, soils, and products. Its northern part, which sensibly declines towards the White and Frosen Seas, is covered with forests, marshy, and but little fit for cultivation. The other, and more southerly norther of this vest balsin includes the maray, and Dut little in for cultivation. The other, and more southerly portion of this vast plain, includes the whole district along the Wolga, as far as the steppes or deserts between the Casplan and the Sea of Azov, and constitutes the finest part of Russis: generally it has a fertile soil, the arable and meadow land preponderating constitutions and the sea of the sea

over the woods and marshes.

over the woods and marshes.

"That part of the country which extends towards Voroncie, Tambof, Penza, and Simbirsk, as far as the deserts, is most remarkable for the superior quality of every kind of fruit and other produce. It has everywhere an excellent soil, consisting of black earth, strongly impregnated with saltpetre. But the tract which commences between the Sea of Asov and the Caspian, and extends near the shores of the latter, and between the Wolga and Oural, as far as the Embs, is

little better than a desert, being level, dry, high, barren, and full of salt lakes.

The country lying on the other side of the Oura mountains, known by the name of Siberia, is generally a flat tract of vast extent, declining imperceptibly towards the Frozen Ocean, and rising thence by equally imperceptible degrees, towards its southern border, where at last it is lost in the immense mountain ranges which separate the Russian and Chinese empires. It is unnecessary to notice in detail the different great distincts of this vast territory. In general it may be stated, that the more southerly portion of Siberia, or that between the S. frontier of the empire and the 57th that between the S. frontier of the empire and the 57th or 60th deg, of lat., as far E. as the river Lena, has, for the most part, a fertile soil; and that, notwithstanding the severity of the climate, it produces most kinds of grain. But, owing to the increase of cold and the nature of the soil, the more northerly portion of the region now noticed, or that extending from the 57th or 60th deg, of lat. to the Frozen Ocean, and the whole country E. of the Lena, from the frontier of Manchooria northwards, is wholly, or almost wholly, unfit either for cultivation, or for the grazing of cattle. In the E. a portion of this vast tract is mountainous, but it mostly uvarion, or for the graing of cautie. In the E. a por-tion of this vast tract is mountainous, but it mostly consists of immense levels, full of swamps and bogs, covered with moss, which would be totally impassable were it not that the ice, which never thaws deeper than a few inches, gives a firm under footing." (Eng. Traces, B.

Russia. With the exception, indeed, of the Crimes and the transcaucasian provinces, no part of Russia can be said to be generally hot; and even in them the froat in winter is often very severe. The climate of Russia is, in fact, proverbial for its severity; and this increases not only as we advance towards the N. but also as we advance towards the E.; the cold being decidedly greater in Siberia than in the same latitudes in European Russia, a difference which is also sufficiently perceptible in the provinces on the E. and W. sides of the latter. This, no doubt, is owing to various causes; but principally, perhaps, to the greater cultivation of the western proximity to the Baltic; and to the vast extent haps, to the greater cultivation of the western provinces and their proximity to the Baltic; and to the wast extent of frozen see and land traversed by the winds from the N.B. Beyond the 65th degree of lat. the ground is covered with snow and lee for about nine months in the year; and during the other three months ice is always found at a little distance below the surface. Corn crops cannot be depended upon in European Russia beyond the 63th degree of lat.; and the great agricultural provinces lie to the 8. of the 58th deg. The fruits of temperate climates are seldom met with beyond the 53d deg. At Petersburg, in lat. 595 66, the mean maximum of cold is about 34°, and the mean maximum of heat 35°. Resumur. The News is commonly frozen over before the end of November, and the ice never breaks up before the end of March. At an average of ten years it is calculated that there are samually at Petersburgh 57 fore the end of March. At an average of ten years it is calculated that there are annually at Petersburgh 97 bright days, 104 rain, 72 snow, and 93 unsettled. At Moscow, in lat. 550 444, the cold is more severe than at Stockholm in lat. 569 209. At Astrakhan, in lat. 469 217, nearly the same as that of Lyons, the Wolga is sometimes frozen over so as to bear loaded waggons. The sea of Asov is usually frozen over from November to the beginning of April. In Siberia, as already stated, the cold is much more severe than in the provinces to the W. of the Oural mountains. The breaking up of the fee ou the Lena does not take place before the beginning of May. But this severe cold is not unhealthy, and is much less inconvenient than might be supposed. While the frost lasts the air is pure and bracing, and its severity is guarded against by warm clothing, and by having the

irost issus the air is pure and bracing, and its severity is guarded against by warm clothing, and by having the houses properly constructed and heated. At Petersburg and Moscow the winter is, in fact, the finest sesson. The inhabs, seem to revive at its approach. Sledge-roads over the snow render travelling commodious and agree-

able; and a winter journey in a moderate frost by mecalight is a high enjoyment. The Russian peacants execuly for warm covering for their legs and feet. At Petersburg, in a frost of 25° Reaumur, it is common to see

tersburg, in a frost of \$50 Reaumur, it is common to see women standing for hours together washing their lines through holes dug in the ice over the Neva!

Spring can hardly be said to have any place in the Russian calendar. The transision from frost to fine weather is usually very rapid. In a brief period after the snow and ice have disappeared, the fields and trees are clothed in the livery of summer, and vegetation makes an extraordinary progress. At Petersburg the summer is as mild and agreeable as in the S. of France; but there and in all the N. provinces it is very variable. As we advance towards the S. it becomes stepadier, and but there and in an the R. provinces it is very variable. As we advance towards the S. it becomes steadler, and the heats increase. At Astrakhan the mercury in the thermometer sometimes rises to 1036 F En.; and in the transcaucasian provinces it rises still higher. The astrum, or the period of transition from summore to winter, is the most unpleasant season in Russia. The sky is generally cloudy, and rains and storms are very preva-lent. The Crimea, from its high S. lat., and its being embosomed in the Euxine, has the most agreeable cB-

embosomed in the Euxine, has the mess agreement embosomed in the Euxine, has the interest periods. Polivisions, Population, &c. — The divisions of the Ressian empire have differed materially at different periods. Peter the Great made some important changes in the distribution that had existed previously to his epoch. The whole, however, was remodelled and placed on a new footing by Catherine II. in 1775. She divided the entire empire into three great regions; those of the North, Middle, and South. Each of these regions was subdivided into governments, of which there were at first 43, and at the end of her reign 50. Paul made some ill-advised changes on this distribution, which were set aside on the accession of Alexander. The existing division of the contraction ill-advised changes on this distribution, which were set aside on the accession of Alexander. The existing divisions were mostly fixed by the latter in 1822, nearly on the basis laid down by Catherine. The empire, exclusive of the kingdom of Poland, is divided into governments, exclusive of certain territories called provinces, or oblatts, not formed into governments. Some of these divisions, particularly those in Asiatic Russia, are of vast extent; but neither their boundaries nor their popula-tion are well ascertained. But, as the best that can be had, we subjoin M. Kæppen's table of the area and popu-

tion are well ascertained. But, as the best that can be had, we subjoin M. Koppen's table of the area and population of the different provinces included in the empire. [See top of next page.]

See top of next page.]

Anismal and Fegetals Prototic.—The nationals of Russia hadden Anista and Fegetals Prototic.—The nationals of Russia hadden intercepted and prototic prototi

Sideria, which have their sources in the Arian momerains. Such has been the increase in the produce of the latter, that while, in 1830, little more than 5 poods were obtained from the washings in Siberia, they yielded, in 1846, no fewer than 1863 poods! We subjoin an

ACCOUNT of the Produce in Gold of the Mines of the Oural and of the Washings of Siberia since 1837, with their value in sterling.

	In the Oural Mountains.	In the Siberian Washings.	Total.	Quantity of time, Gold.	In Troy Weight.	Value at the Rate of 113-851 Grains Troy per £1 st.
1837	Pools. 209-88	Peods. 132:97	Pools. 442:50	Poods." 402-68	Lhe. 17,669-60	900,673
1838	800-17	198-16	493-88	448-98	19,699.06	1,004,190
1839 1840	309·78 296·41	18 3-2 0 949-41	492-98 547-8 2	448-61 498-52	19,665-00 21,875-06	1,008,408 1,115,087
1841	296-48	350-30	646-87	588-66	26,830-40	1.316.638
1842	292-40	615-93	906-88	826-58	86,270-38	1,848,808
1843 1844	313·78 310 06	961·00 1.081·82	1,294·78 1,341·58	1,178·25 1,220·84	51,701·61 53,570·46	2,685,366 2,780,647
1845	828.00	1,048-80	1,371-80	1,248 34	54,777-16	2,792,156
1846	314-65	1,362-88	1,677-58	1,626-55	66,985-01	8,414,427

Names, Area, and Population of the different Great Divisions and Governments included in the Russian Empire in 1846 : .

Governments. Ge			Area in Geog. sq. m.	Pop. in 1846.	Geveraments.				Area in Geog. sq. m.	Pop. in 1846.			
Horthern Presing	w:						Pultawa -	•	•			897	1,783,800
Archangel	•	•	•	- 1	15,519	253,000	Kharkoff -	•	•	•		945	1,467,400
Olonets -	•	•	•	- 1	2,784	\$63,100	Varoneje -	-	-	•	•	1,409	1,657,90
Vologda -	•	•	•	- 1	6,967	822,200	Don Corsackt	-	•	•	•	2,943	701,300
Treat Russia :				1			How Bussia :						
Petersburg	•	•	•	- 1	970	613,760	Ekaterinoslaf	•	-	-	•	1,196	870,10
Novgorod -	•	•	•	- 1	2,213	907,900	Kherion -	-	•	•	•	1,332	847,40
Pakar .	•	•	•	- 1	810	775,800	Faurida -	•	•	•	•	1,163	572,20x
imolensk -	•	•	-	- 1	1,019	1,170,600	Hessarabia	•	. •	•		858	792,00
Moscow -	•	•	•	- 1	549	1,374,700	Wolga and Carpin	a Prot	ines:			1	1
Twee -	•	•	•	- 1	1,724	1,327,7:0	Kasan -	•	-	•	•	1,128	1,512,90
Yaroslaf -		•	•	- 1	660	1,008,100	Peosa -	•	-	•	-	690	1.047.20
Kostroma	•	-	•	- 1	1,496	1,054,600	Simbleuk -	•	•	-	-	1,315	1,318,90
Nijni Novgore	d ·	-	•	- 1	877	1,178,200	Suratof -			•		3,525	1.718.60
Vladimir -	•	•		- 1	862	1,246,500	Astrakhan		•	-	-	2,860	281,40
Riagan -	•	•	•		767	1,365,900	Cancumis, Acc.	•	•	•		2.650	526,40
Tambof -	-	-	-	- 1	1,202	1,750,900	Oural Provinces:						
Tula .				- 1	655	1.227.000	Orenhourg					6,373	1.948.50
Kaluga	•	•			573	1,006,400	Perm -	-	•			6.073	1.637.70
Orei				- 1	859	1,502,900	Vintka -	-				9.500	1,662,30
Koursk •	-			- 1	818	1,680,000							
sitic Propinge :				- 1		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Total	١.				90,117	54,092,300
Bathonia .		-		- 1	376	310,400	Sileria :					00,	0.000.000
Lizonia -				- 1	863	814,100	Tobolak -				٦.		l .
Courisand .					496	558,300	Torosk -				- 1		i
hite Russia :				- 1			Irkutsk -				- 1		
Witepsk -	_	_		- 1	210	789,500	Yakutık -	-			١.	223,780	2,987,000
Mobilet	-	- :		- 1	885	931,300	Kamtchatka	-			- (,,,	-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Minak -	:				1,612	1,046,400	Okhotik -				1		Į.
America :				- 1	•,•••	-,014,000	Yeniseisk -			_	- 1		1
Wilna				- 1	768	863,700	Transcancarian Pr	naine.		-	,		ì
Grades		_		- 1	693	907,100	Georgia, &c.	-	••	_	'	3.125	2,648,00
Kowno -				- 1	758	915,580	Finland +		-	-		6,400	1,412,31
tie Russia :		-	-	- 1		1 2.5,000	Kingdom of Po	land.	-	-	_	2,590	4.857.70
olhyaia -		_		- 1	1.297	1.445.500	Rumian Americ	11	-	•	-	17,500	61.00
Podolia -	-		_	- 1	774	1,703,000	AND DESIGNATION OF THE PERSON SERVICES AND	Service Control	-	-	•	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	31,00
Kief -	-	:	:	- 71	éí i	1,605,000	Total		_	_	_	343,240	66,008,81
Chemigoff	-	-	•	- : 1	1,000	1,430,0(8)	1		-	-	•	J13,240	ا هرهانمونت

M. B. The 343,240 Geographical sq. m. of 15 to a deg. are equ ni to 7,293,850 Eng. sq. m. of 69⁻¹⁵ to a deg. assified Account of the Population of the Russian Empire in 1836, according to the Official Statement published by the Minister of Finance:

	Males.	Pemales.		Mairs.	Pemaics.
Reasian priests Deacons and sacristans Male children of priests, descens, and sacristans	52,331 63,178 138,548		Greeks of Nijny, gunmakers of Tuta, &c. Citizens of Bessarabia	10,882 87,905	10,940 56,176
Total Priests of the United Greek and	254,057	249, 748	Inhabitants of Villages. Peasants (that is, slaves), the private property of the emperor and the imperial family, peasants amezed	,	
Roman oburch	7,825 9,497 474	7,518 545	Personns the property of nobles	10,441,399 11,40 6, 721	11,022,594 11,958,873
utheran do. eformed church chammedan Mollaha amas (Tartar)	1,003 51 7,850	953 87 6,6 71	Wandering Tribes. Calmucks, Circamians, and Meham- medians of the Cancaus	248,718	261,983
Mobiles.			Territory beyond the Caucasus. Georgia, Avmenia, Mongolia, &c. Poland	(Nearly) 689,147 2,077,314	(Nearly) 689,136 2,110,911
reditary virtue of service, &c., with their ons tty officers who have left the army.	284,781 78,922	253,429 74,273	Finland Russian colonies in America	663,658 80,761	708,484 30,198
ind are employed in the civil ser-	187,017	237,415	Total of population Grand total of both somes -	28,896,213 59,153,566	30,237,315
reigners of all classes	930,098	15,215 981,467	In this table, however, the private and navy, with their wives and child so that the sum total, in round number	iren, are not	included;
Inhabitants of Towns. rchants pkeepers, artizans, &c.	181,847 1,839,434	190,714 1,433,962	sixty-one millions. In addition to w the Inhabitants of the mountains bett the Caspian, amounting to 1,445,000 wandering tribes of Circassians and	reen the Bia. There are	ck Sea and
zens in the eastern previnces	7,585	6,966	possible to number.		

these quantities considerably more than half the ce of the Oural Mountains, and nearly the whole ce of the Siberian washings, are from private . For example in the last year the proportions

Public Mines.
Private Mines.
Prode.

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Private Mines.
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1 i in Siberia.

Cast-iron articles are prepared at most mines where there are forges. There is an important cannon manu-factory at Petrosavohak, in the government of Olouetz, which was brought to a high state of perfection by an Englishman of the name of Gascogne. But the prin-cipal hardware manufactories are carried on at Tula, cipal hardware manufactories are carried on at Tula, in the government of that name. (See Tul.a.) A great variety of articles of cutlery are produced; and the royal manufactory of fire-arms is very extensive, employing, it is said, about 7,000 male and 9,000 female workers. (Schwitzler, Le Russie, le Pologue, &c., p. 315.) Very different statements have been made as to the quality of the arms produced at Tula. Those of Dr. Clarke were speedily confuted by the exploits of the Russian forces; and no doubt the manufacture has been since materially

speedily confused by the exploits of the Russian forces; and no doubt the manufacture has been since materially improved. At present we are assured, on undoubted authority, that though the arms produced at Tula be inferior in point of finish to those made in England, they are of very good quality.

Russia is abundantly supplied with mines of salt and brine springs; but as most of them are at a great distance from the Baltic and western proven, there is a large importation of salt from England and Austria. The salt mines and brine springs in the government of Taurida (the Crimea), are the most extensive, and furnish annually about 16 millions poods (nearly 260,000

tons): those of Perm, which annually supply about 7 millions poods, are the next in importance: the mines of lietak, in the government of Orenbourg, turnish about 300,000 poods, exclusive of what is furnished by the salt lakes, and additional supplies are obtained from various

REMO, MUD poods, exclusive of what is furnished by the salt lakes, and additional supplies are obtained from various other mines and springs.

*Agriculture.**— Landed property in Russia is generally divided into estates belonging either to the crown or the nobility. Some of those belonging to the latter are very extensive; but, owing to the compulsory division of estates among the children of a family on the death of the father? this is not generally the case; and the too great subdivision of the land is, in fact, one of the evils with which Russia is threatened. The peasants occupying the crown estates are in a state of predict, and those occupying the estates of the nobility are generally in a state of absolute, slavery. The value of a Russian estate formerly depended more on the number of labourers or slaves belonging to it, and which may be either sold, or let out by the proprietor, than on its extent, or the quality of the soil: but since the increase of pop. this, in many districts, is no longer the case; and the proprietor is sometimes burdened with the charge of supporting and maintaining labourers, and paying the tax on them to government, for whose services he has little or no use. Different proprietors adopt different methods in the manage-

or the quality of the soil: but since the increase of pop. unis, in many districts, is no longer the case; and the proprietor is sometimes burdened with the charge of supporting and maintaining labourers, and paying the tax on them to government, for whose services be has little or no use. Different proprietors adopt different methods in the management of their estates. In the principal part of Great Russia, comprising all the central prova. of the monarchy, the system is very simple. The proprietors rarely farm any considerable portion of their estates, or interfere with the mode in which they are cultivated. They usually content themselves with distributing them among the peasantry; their revenue consisting in the produce of an obrok, or capitation tax, imposed on each male peasant, by way of rent. In the Haltic prova., on the other hand, the owners usually retain a quarter, or some less proportion, of their estates in their own possession, managing them either directly, or by the intervention of stewards or agents. The peasants on such estates are allowed cottages, having pleces of ground attached, generally, perhaps, about 15 acres, aufficient for their support; their obrok or tax being paid by labour, or corvece, performed on the lands held by the proprietor, or let by him to others. In the Ukraine and other 8. prova, the peasants are partly free; and these pay for the lands they occupy, sometimes money, but more frequently produce and labour rents. There is also a class of small proprietors who cultivate their own lands, but who have not the privilege of holding slaves.

It may seem at first sight that, provided its amount were moderate, the system of parcelling out land to occupiers charged with an obrok or capitation tax, could not be fairly objected to. And when such is the case, and the landlord allows the occupiers to reap the fruit of increased economy and exertion, this is no doubt the preferable mode of dealing with slaves. But the vice of the system is that, except on the crown estates, and embar

One seventh of a man's landed property goes, on his death, low for ever; one fourteenth goes to each daughter; and the is equally divided among the sons. (Feacher Russie, 192.)

provinces; and some estates, even in the most backward prova. have been greatly improved. In Livensia, and the prova, have been greatly improved. In Livensia, and the prova, have been greatly improved. In Livensia, and the prova, have been greatly improved. In Livensia, and the prova, have been greatly improved. In Livensia, and the implements quite equal to the best that are to be met with in most parts of Germany. But, with the exception of a few estates, it is quite otherwise in the rest of the empire. The plough is there a wretched implement drawn by one horse, and calculated rather to scratch than to turn up the soil. The harrow is made of wood; and rollers and hoeing machines are entirely unknown. Were k met that the soil is generally light, friable, and very easily wrought, it would be impossible to cultivate it by sade means. But these suffice to make it produce more than enough for the wants of the inhabs. There is not, indeed, as Mr. Loudon has truly stated, another comery in Europe where corn crops may be raised at so little expense of labour as in Russia.

Exclusive of the forests, and the sandy deserts of the south, wast tracts in the northern parts of the empire are, and always must be, unsusceptible of cultivation. Taking the whole surface of European Russia at 402 millions of deciatines, M. Schnitzler supposes that the cultivated land does not exceed 614 millions, and the cultivated land does not exceed 614 millions, and the cultivated land does not exceed 614 millions, and the cultivated land does not exceed 614 millions, and the cultivated land does not exceed 614 millions, and the cultivated land does not exceed 614 millions, and the work of the crops of these twa, taken together, is supposed to be more than double the word of the crops of the crops of these twa, taken together, is supposed to the crops of these twa, taken together, is supposed to the crops of these twa, taken together, is supposed to the crops of these twa, taken together, is supposed to the crops of these twa, taken togethe versities; and an institution to which a model farms attached has been established near Mohllew for educating 120 pupils, so as to fit them to act as stewards or managers of large estates.

Horses are very abundant in Russia. Speaking gene-

abundant in Russia. Speaking garse and ill shaped, but hardy and

cating 120 pupils, so as to in them to access sections of large estates.

Horses are very abundant in Russia. Speaking generally, they are coarse and ill shaped, but hardy and active. In the southern provinces, however, whence the cavalry horses are brought, the breed it very superier. The khans or chelks of the nomadic tribes occasionally possess as many as 10,000 horses.

M. Storch states that there is no country in Barops where so many cattle are reared as in Russia, and none where they are taken so little care of. (Tobless & la Russia, il. 155.) Exclusive of the numerous herds, which constitute a principal part of the wealth of the pastoral and nomadic tribes, every peasant has a few head, and even the beggar has a cow or a goat! The erdinary Russian ox is small, lean, and bony; but those of the Ukraine, Podolis, Volhynia, and some other provinces, are large and of a very fine bread. Many thousand head are annually sent from the Ukraine to Petersburg and other Russian towns, and also to Silesia and Germany. Tallow is at present, and has been for some years, the most important article of export from Russia: the increase of the exports of this article from Odessa within these few years has been quite extraordinary. The wool of the common Russian sheep is hard safe coarse; but latterly considerable efforts have been made to improve the breed by importing fine woulled sheep from Germany; and wool, notwithstanding the increase of factories at home, is becoming an important article of export. Thus, during the period from Blalt to 1834, the annual average export of wool amounted to only 1,28,688 but, whereas, in 1838, it amounted to very near 12,000,000 lbs. valued at 552,000. Hogs are everywhere abundant, and, in the northern provinces especially, furnish a principal part of the food of the people, while their bristles are an article of export. Goats are also abundant.

The rearing and management of bees in more attended to in Russia than in any other European country, and is,

is fact, the principal occupation of several tribes. The wild bees, however, greatly exceed those that are domesticated. Their culture is principally attended to in the provinces of Kasan and Curfa. Individuals among the Bachkiri posses 100 hives in their gardens, and upwards of 1,000 in the forests 1 (Storck, Tabless., ii. 242). Honey is very extensively used in many parts instead of sugar. The export of wax is very considerable. In 1834, it amounted to 23,948 poods, or 800,928 lbs.

Messylactures—are not generally in an advanced state. Since the reign of Peter the Great, their improvement and extension have, it is true, been favourite objects with the government; and heavy duties and prohibitions have, in consequence, been imposed on such foreign articles as it was supposed night interfere with similar articles of native growth. This, however, was a very erroneous policy. The slavery of the peasantry is an all but invincible obstacle, in so far at least as they are concerned, to the formal on of those habits of industry, perseverance, and invention, necessary to insure success in manufactures; while the thinness of the population, the variety of natural products, and the fertility of the soil, all concur in pointing out agriculture, including under that term mines and fisheries, as the natural and most advantageous employment that can be carried on upon a great ical, till civilisation be more generally diffused. In fact, considering the peculiar circumstances under which fussia has been placed, and the deficiency of her capital. scale, till civilisation be more generally diffused. In fact, considering the peculiar circumstances under which Russia has been placed, and the deficiency of her capital, he wonder rather ought to be that she has made so rest a progress as she has done in manufacturing injustry, than that she should still be so backward. Among he peasantry generally, there is little or no subdivision f labour. Each family commonly supplies itself with it be ciothing and furniture which it requires. Someways however a pregrad some particular one. mes, however, a person superads some particular em-oyment to his ordinary avocations; and sometimes this inciple is carried farther, and the inhabs. of entire vilmes, however, a person superadds some 'particular emolyment to his ordinary avocations; and sometimes this inciple is carried farther, and the inhabs, of entire villeges devote themselves to some particular trade. It is ily in pretty large towns that the division of labour, ch as it exists amongst us, is carried to any considerle extent; and even there it is a common complaint at the native products, though showy, are seldom submital or good. "Si te génie de l'invention iui manque," is Schnitzler, "le Russe possède en revenche, as plus ut dégré, la facilité d'imiter eq que d'autres ont produitje un caprit vij et carrel iui fait diviner les procédés qu' il i suiver. Mais, pressé de agarer, et manquant de zévérance, il travaille à la hâte, pluidé pour l'appace que pour la duvée, et les produits de toute espéce tent insjours inflatiment au-denous des ouvrages exéces per des mains étrangeres." (Tableau de la Rus. p. 125.) The versatility of the Russian peasant is mishing. He is truly a Jack of all trades, and will turn hand to whatever may be required. "He will plough ay, weave to-morrow, help to build a house the third and the fourth, if his master need an extra coach, he will mount the box, and drive four horses ast as if it were his daily occupation. None of these ations, except, perhaps, the last, will be as well pered as in a country where the division of labour is: thoroughly understood. They will all, however, efficiently well done to 'serve the krara, 'a favourite se in Russia. The people are very ingenious, but perance is wanting; and though they carry many arts to h degree of excellence, they generally stop short of ction; and it will be very long before their products ome into competition, for finish, durability, or cheap-with English goods." (Venabeler Russia, p. 141.) sertain departments, however, Russia is not merely but even superior to other countries. Her lesther ellent; and for some purposes, such as bookbinding, idedly superfor to any other material. The prolitowed in the preparation of this impo leather in foreign countries have ever succeeded, issis continues to enjoy a monopoly of this valuduct, and to export it in large quantities. The th, cordage and canvass, tick, felt, mats, potoap, candles, caviar, isinglass, spirits, and some ticles produced in Russis, are quite as good, or han those of any other country.

e as 1788, almost all the cloth required for the of the army was imported from abroad; but it is olly manufactured at home. Cloth of a superior s also made at Moscow and its vicinity, at laminar Petersburg, Sarepta, and other places; but, pspeaking, it is both inferior to what might be a mid dearer. Linen is principally manufactured and cordage in Archangel, Orel, &c. The uffacture of Moscow is extensive and thriving, carried on to a less extent in other towns. Nu-

merous establishments for the spinning of cotton have been recently founded. Generally, however, they supply only the coarser descriptions of yarn, the finer sorts being almost wholly imported from England. The cotton only the coarser descriptions of yara, the finer sorts being almost wholly imported from England. The cotton manufacture has recently made a rapid progress. It is principally carried on in the government of Vladimit; Choula and Ivanova being its chief seats. In 1828 they had 15,612 looms, and employed 24,257 workpeople. During the same year there were sold in the province 5,610,000 lbs. of foreign cotton yara, and 690,000 lbs produced by Russian spinners. (Schnitzler, La Russie, &c., p. 105.) The increase has been very great in the interval; for, it appears from the official returns, that there were in Vladimir, in 1839, 315 factories, which gave employment to 83,655 workpeople. The glass manufacture has, also, made a very rapid progress. Single plates are made at the Petersburg glass-works, that cost 600, each. The glass-works of the brothers Maltzoff, in Tula and Twer, are deservedly celebrated. The home consumption of glass is great, and is rapidly increasing. The manufacture of snuff and cigars, potash, and soaphaa, also, very rapidly increased. Paper, coarse and fine earthenware, jewellery, &c., are produced at Moscow, Petersburg, and other places.

Industry of all sorts has made an astonishing progress ince the peace of 1815. In 1812 there were, in the entire empire, 2,332 manufacturing establishments, employing converse and former.

since the peace of 1815. In 1812 there were, in the entire empire, 2,332 manufacturing establishments, employing 619,053 workpeople: whereas, in 1836, the former amounted to 6,015, and the latter to 269,673, of whom about a half were free labourers. During the next three years the progress was still greater, there being, in 1839, 1,855 manufactories, employing 412,931 workpeople, exclusive of those engaged in mines, smelting-houses, furnaces, &c. In 1837, the total value of the manufactured produce of Russia was estimated at 509,574,597 roubles, and it is now (1841) probably not under 680 millions. Among the different manufacturing establishments, in 1832, 616 were appropriated to the production ments, in 1839, 616 were appropriated to the production of woollens, 227 to that of silk, 467 to that of cotton, and 267 to that of linen,

167 to that of linen. The progress of industry is strikingly evinced by the fact that while, in 1820, there were only two steam-encines in the government of Moscow, it reckoned about 100 in 1830! The same government had, in 1839, 1,058 actories, and 83,654 workspeople. With the exception of the formidable restraints ori-

ree in Russia. There are no internal monopolies, save

free in Russia. There are no internal monopolies, save those of salt, spirits, and playing cards. There is nothing in the guilds, or corporations, to check competition; and the first free may exercise any art or profession, either in town or country, as may be most agreeable to themselves. Slaves who have obtained a passport, or license from their owners to leave their estates, are, in this respect, in the same situation. Since 1836, lectures have been instituted in all the Russian universities, for

the instruction of manufacturers or handicraft-tradesmen n mechanics, chemistry; &c.,

Commerce.—The commerce of Russia is already, not-withstanding the paralysing influence of the prohibitive system, very extensive. But this system is now being modified; and trade will, no doubt, continue to increase modified; and trade will, no doubt, continue to increase with the growing wealth and population of the empire, and according as more liberal principles may prevail. The principal articles of export are tallow, which is more largely exported from this than from any other country; grain, particularly wheat; hemp and flax; timber, potashes, bristles, linseed and hempseed, linseed and hempseed oils, lurs, leather; fox, hare, and squirrel tains; canvass and coarse linen, cordage, wool, caviar, wax, isinghass, tar, &c. The principal imports are sugar, especially from the Havannah; cotton stuffs and yarn, the latter being the most important article sent from Great Britain to Russia; machinery and mill work; hardware and iron; coffee, but not in large quantities; indigo, and other dye-stuffs; woollens, oils, spices, wine, salt, tea, lead, tine, coal, line linen from Holland and Silesia, &c.

The principal trading ports are Petersburg and Riga,

tea, i.e.a, i.n.; coat, mie inten irom notianta and Sitesia, &c.

The principal trading ports are Petersburg and Riga,
en the Baltic, but particularly the former; Archangel,
en the White Sea; Odessa, on the Black Sea; Taganrog, on the sea of Azof; and Astrakhan and Baku, on the
Caspian Sea. Moscow is the principal entrepôt of the
Interior commerce of the empire. The trade with China rog, on the sea of Azot; and astrantal and traph of the Interior commerce of the empire. The trade with China is mostly carried on through Klachta; and the fair of Nijni Novgorod is celebrated all over Europe. There are also very large fairs at Irbit, Kharkoff, Koursk, and other towns. (See these towns.) The value of the goods offered for asle at the different great fairs, in 1839, is said to have amounted to 333,884,722 roubles. In 1839 the total value of the exports from the empire to foreign countries was estimated at 332,002,238 roubles (13,833,000.); of which those from Petersburg amounted to nearly a half, or to 138,04,000 roubles. At an average of the six years ending with 1847, the real value of the articles of British produce and manufacture exported from this country to Rossia amounted to 1,338,3700, a year, cotton-twist constituting nearly a third part of their total value.

Account of the Quantities of the principal Articles of Russian Produce and Manufacture imported into the United Kingdom from Russia in 1849.

Articles.			Quan- tities.	Articles.	Quan- titles.
Bristles Wheat Barley	:	- lbs. - grs.	2,141,505 593,812 47,520	Plain linen - val. Rhuberb lhs. Plax seed, and	13,077 16,802
Outs - Hye - Plax and	፟	: =	239,328 3,000 1,352,335	linseed - bush. Rape seed - Caif, dsc. skins	3,884,504 25,886
Hemp, u Hides, ut Tallow	ndre	wed -	636,938 11,967	untanned - cwts. Deals, batters - loads Iron tons	11,967 214,974 3,773
Tar -	reol	- lasts - lbs.	5,764,539 13,077	Ashes owts	

Water Communications.— The great road from Peteraburg to Moscow is justly said by Lord Londonderry to be a most magnifeent public work. It is nearly 500 m. in length, quite level, about double the width of the Great North Road in England, and is macadamised throughout, and kept along the whole line in the most perfect repair. Town, i. 144.) But, with the exception of this and of a few other principal lines, there is a great want of good roads in Russia. This, however, is productive of less inconvenience than might be expected, from the circumstance of the frost rendering the worst roads fit for aledge traveilling for a considerable period of the year; and from the number of navigable rivers and the extension that has been given to their navigation by the construction of numerous canals. By these means a water communication. has been given to their navigation by the construction of numerous canals. By these means a water communication has been effected between the great navigable river the Wolga, which has its embouchure in the Capian Sea, and Petersburg and Archangel: the Wolga has also been united with the Don, which falls into the sea of Axoff. The Pripet, an affuent of the Dniepr, which falls into the Black Sea, has been connected with the Bug, an affuent of the Vistuals, while the latter has been connected with the Niemen.

been connected with the Niemen.

Few countries, in fact, have so extensive a command of internal navigation. Goods put on board in Petersburg may be conveyed to Astrakhan, a distance of above 1,400 m., or to any port on the Caspian, and wice versa, without once being landed. The iron and furs of Siberia and the teas of China are received at Petersburg in the same way; but owing to the great distance of these countries, and the short period of the year during which the rivers and canals are navigable, they kometimes take three years in their transit! Immense quantities of goods are conveyed during winter upon the ice in sledges, to the different ports, and to the nearest pristans, or canal navigation. They are put on board in anticipation of the period of salling, that the barks may be ready to take advantage of the high water, by Soating down with the current as soon as the snow and ice begin to mek. The cargoes carried up the river into the with the current as soon as the show and see begin to mek. The cargoes carried up the river into the interior during summer are principally conveyed to their ultimate destinations by the sledge roads during winter. The conveyance by the latter is generally the most expeditions; and it, as well as the internal conveyance by water, is performed at a very moderate

convergance up water, as personned to expense.

The barks that come from the interior are mostly of a very rude construction, flat-bottomed, and seldom drawing more than 30 or 30 inches water. When they arrive at their destination, they are sold or broken up for firewood. Those that leave the ports for the interior are of a superior description, and are comparatively few in number; the commodities imported being, at an average, of much greater value, relatively to their bulk and weight, than those that are exported.

of much greater value, relatively to their bulk and weight, than those that are exported.

As illustrative of the importance of the inland navigation of the empire, we may mention that, in 1839, no fewer than 46,850 boats and 17,469 rafts arrived from the interior at the different great ports and emporiums of the Russian empire, the goods so conveyed being worth 538,921,730 roubles. Of these, 23,842 boats and 784 rafts, value 193,974,904 roubles, arrived at Petersburg; 1,362 boats and 1,355 rafts, value 15,281,500, at Archangel; 1,965 boats and 1,378 rafts, value 32,437,878, at Riga, and so on.

accounts in Russia are kept in roubles and kepeks: but the rouble is of two kinds, very different in value. The silver rouble is worth from 3s. 2d. to nearly 4s. Engl., varying according to the distance from the capital. The paper rouble, worth about 10d. Engl., and usually considered equivalent to a franc, is the basis of all merantile calculations, and is divided into 100 kepeks. The hopek, worth consequently about a centime, is a copper coin. The only gold coin is the demi-imperial, value about 30 fr. Since 1828, platina coins, worth about 1d. sterling, have been struck; but they are not yet of any practical importance. The Russian lb. is rather larger than the avoirdupois lb.; the last = 13°8 quarters; the

SIA.

Chetwert, the measure for corn**, = \$75 Eng. bushels; the deciatise**, land measure == about \$77 acres; the verst of 164-5 to a Geog. degree == 1,167 yards, 3 versts being about equivalent to 2 Eng. miles.

Native and Foreign Merchents, &c.—Every Russian earrying on trade must be a burgher, and have his mame registered in the burgher's book; he thus acquires an unlimited freedom of trade. All whose names are in the burgher's books are either townsmen who have property within the city, or members of a guild. There are three guilds. Those belonging to the first report themselves to possess from 10,000 to 50,000 roubles: these may fellow foreign trade, are not liable to corporeal pushement, and may drive about the city in a carriage draws by two horses. Those belonging to the second guild declare themselves possessed of from 5,000 to 10,000 roubles: they are confined to inland trade. A capital of from 1,000 to 5,000 roubles entitles its owner to admission into the third guild, which comprises shopkeepers and next deelers. The rates paid by the members of these guilds amount to 15 per cent. upon their declared capital, the statement of which is left to the conscience of every ladividual. Burghers are not obliged to serve in the army, but may provide substitutes, or pay a fine. The gwaity, register on account of their commercial affairs, enjoy privileges nearly similar to those enjoyed by the members of the first guild.

None but native Russians are allowed to engage in the internal trade of the country; and hence a foreigner, who imports goods into Russia, must sell them to Russians only, and at the port where they arrive. A few foreigners, indeed, settled in Russia, and having commections with the natives, trade with the interior: but it is 183,54 individuals.

The merchants engaged in foreign trade are mostly freestenars of whom the Russiahs are havington! The

to 128,854 individuals.

1836, the merchants of the three guilds amounted, in all, to 128,834 individuals.

The merchants engaged in foreign trade are mostly foreigners, of whom the English are the principal. The peculiar privileges formerly enjoyed by the latter are now nearly obsolete, and their rights, in common with those of other foreigners, are merely those of guests. The English factory at Fetersburg is, at present, little less than a society formed of some of the principal English merchants, several of whom, however, do not belong to it: its power extends to little else than the management of certain funds under its control.

Owing to the scarcity of capital in Russia, goods, the produce of the country, are frequently paid in advance; and foreign goods are most commonly sold upon credit. From the month of November to the shipping season is May, the Russians who trade in flax, hemp, tallow, bristles, from, &c., either come themselves to Fetersburg or Riga, or employ agents to sell their goods to foreigners, to be delivered, according to agreement, in May, June, July, or August. The payments are made according to the circumstances of the sellers and buyers; sometimes the buyer pays the whole amount, in the

June, July, or August. The payments are made according to the circumstances of the sellers and buyers; sometimes the buyer pays the whole amount, in the winter mouths, for the goods which are to be delivered in the summer or autumn; and sometimes he pays a part on concluding the contract, and the residue on daily or the goods. The manufacturers and dealers is linen usually come to Petersburg in March, and sell their goods for ready money.

Foreign goods were formerly almost entirely sold at a twelvemonth's credit, and some at a still longer term; but of late years poweral articles, as coffee and sugar, are sold for ready money: still, however, the great bulk of foreign goods for the supply of the interior is sold on credit. Most of the Russians who buy goods on credit of foreigners, for the use of the interior, have no other connection or trade with Petersburg than merely coming there once or twice a year to make purchases; which, having accomplished, they set off with the goods, and the foreigner neither sees nor hears of them again till the bills become due. It is obvious, from this statement, that experience and sagacity are nowhere more requisite in a merchant than here. He has nothing, in fact, but his own knowledge of the native dealers to depend upon: and it is highly creditable to the Russians, that foreigners do not hesitate to trust them with immense sums on such guaranty.

that foreigners do not hesitate to trust them with immense sums on such guaranty.

Governmens.— In Russia all power emanates from the sovereign, whose authority is uncontrolled, except by the respect he may yield to established customs, to the privileges of certain classes, and the prejudices of the people. The will of the monarch has no legal limits, so that he may be said to be absolute. The act of election of 1613, which conferred the crown on the house of Romanof, recognises the unlimited power of the sovereign. The empress Catherine and the emperor Alexander laboured to give order, simplicity, and regularity to the administration, and to reduce it to a system, so that it might be as independent as possible of the caprices of the sovereign. Alexander, indeed, proclaimed in 1811 that the law wase in Russia superior to the sovereign, and gave to the senate the right of remonstrating against

any stare (as an imperial decree is called) they thought contrary thereto. This, no doubt, seeing the way in which the senate is composed, is a very feeble check on the deprote power of the emperor. But it may well be doubted, whether, in the actual state of Russia, the pre-pers form of convenient he not better admind to denotic power of the emperor. But it may well be doubted, whether, in the actual state of Russia, the present form of government be not better adepted to its unficiently clear, as well from general principles as from what has actually occurred, that Russiam princes cannot selfy folior a course of conduct generally disliked by the nation. On the other hand, however, the extent and unity of the sovereign power is the best security for the progress of civilization, and for the improvement and well-being of the mass of the people. The latter being, for the most part, slaves, without property, intelligence, or influence, would be tyrannised over to an incomparably greater extent than at present, had the nobles any share in the government, or were they able to control its proceedings. What Poland was Russia would be, were the noblity or superior classes participating in the sovereign power. But the interests of the sustorat and those of the mass of the people are generally identical. Under his protecting egis civilisation is daily extending, and a class of free abourers is gradually growing up. The emperor is ifraid of the nobles, not a few of whom are supposed to extinctured with liberal opinhous; but he has nothing to ear from their slaves. Hence the despotic power of the promer over the latter has been materially reduced; very rest changes for the better have been made in the contion of the peasantry on the crown estates; and the rmer over the latter has been materially reduced; very reat changes for the better have been made in the contition of the peasantry on the crown estates; and the remment has gone steadily on, with quite as meet pidity as circumstances would warrant, endeavouring improve and advance the servile portion, that is, the eat mass, of its subjects, and to pave the way for their timate emancipation. An enlightened despotism is, in: the most suitable government for such a country as usia. A representative constitution would merely put ditional power into the hands of a comparatively small ss, and would be as little adapted to the wants of such country as an absolute government would be to Eng-d.

The monerch is the central point of the administra-1: his decisions are law. Every thing emanates from 1 in the first instance, and every thing is referred to 1 in the last. The labour he has to undergo is great,

requires incessant activity.

he public business is transected, under the emp he public business is transacted, under the emperor, ifferent boards, councils, or colleges, which have separate, but sometimes not easily distinguished tions. The Imperial Council of the Emperor was blished, on its present footing, in 1810. It consists president, and an indefinite number of members, of the ministers always make a part. It is divided the five departments of legislation, war, civil and ious affairs, finance, and the affairs of Poland; and he superintendence of all matters connected with he superintendence of all matters connected with termal administration of the empire. The second re, or senate, was founded by Peter the Great in and is reckoned the most important body in the state. various functions, partly of a deliberative and partly executive character, set forth in a ukase of 20th 802. It is the high court of justice for the empire, and is all the inferior tribunals. The members are ated by the emperor; at present their number is 100, and each receives a salary of 7,000 roubles a The senate is divided into eight committees or s, of which five sit at Petersburg, and three at w. Each committee is authorised to decide in the sort upon certain descriptions of cases, brought w. Each committee is authorised to decide in the sort upon certain descriptions of cases, brought immediately before it, or by appeal from the incourts. In a few cases, however, parties dissatish fits decisions may petition the emperor. The sare mostly persons of high rank, or who fill high; but a lawyer of eminence presides over each ent, who represents the emperor, and without ignature its decisions would have no force. In seem, or general meeting of the sections. same, or general meeting of the sections, the of Justice takes the chair, as high procurator for sty. Besides its superintendence over the court

or justice taxes the chart, as may procurator for sty. Beatdes its superintendence over the court he senate examines into the state of the public and expenditure, and has power to inquire into suses, to appoint to a great variety of offices, and remonstrances to the emperor. Biothly reports ceedings are published in the gasette, ird college consists of the Holy Synod, and to it ited the superintendence of the religious affairs iprire. It is composed of the principal dignitude of the church. All its decisions run in the emirch college consists of the Committee of Minshirth College consists of the college of the c

sick or absent. They communicate directly with the emperor, or with his Chancelleric particuliers, in whose hands all the executive authority is centred.

The local administration differs in different provinces; government having always allowed conquered or annexed countries to preserve their own laws and institutions, except in so far as they were hostile to the general constitution of the empire. Finland, for example, has a special form of government; and the prevawrested from Sweden by Peter the Great, Courland, and those formerly belonging to Poland, have peculiar institutions and privileges, which, however, have interly been much modified. But, despite these exceptions, the form of the provincial government is, notwithstanding, sufficiently uniform.

The empire is divided into general governments, or

been much modified. But, despite these exceptions, the form of the proviscal government is, notwithstanding, sufficiently uniform.

The empire is divided into general governments, or vice-royalties, governments, and districts. There are, at present, 14 of the first, 50 or 8 lof the second, and above \$20 of the last. There are also, as already stated, extensive districts which, from the thinness of the pop., or otherwise, are not: ganised into regular governments, which are called provinces, or oblasts. The viceroys, or general-governments, are the representatives of the emperor; and as such command the forces, and have the supresse control and direction of all affairs, whether civil or military. All the functionaries within their jurisdiction are subordinate to, and make their reports to them. They sanction or suspend the judgments of the courts, &c. A civil governor, representing the general governor, assisted by a council of regency, to which all measures must be submitted, is established in each governor must be submitted, is established in each governor with respect to the matter be ascertained. A vice-governor is spooluted to fill the place of the elvigovernor when the laster is absent or unwell. There are also, in every government, a council of finance under the presidency of the vice-governor, which has the direction and inspection of all charitable foundations, prisons, workhouses, schools for the instruction of the power, &c.; and a college of medicine, which attends to all matterest classes into which the free pop. is divided. And each town has, also, according to its importance, a commandant or balliff, appointed by the crown, who has had control to the provision, which has the direction and inspection of the free pop. is divided. And each town has, also, according to its importance, a commandant or balliff, appointed by the crown, who has charge of the police, of the public busidings and magasines, and who executes sentences, pursues criminals, &c.

The Russian judicial system is complicated, and not and eriminal courts in every circle; and a supreme court of justice, divided into civil and criminal sections, court of justice, aviaced into civil and eriminal sections, is established in every government. Cases decided in the inferior courts may be appealed to it. Its sentence is final in all criminal cases, and in all civil matters relating to sums under 500 roubles. Those involving property to a greater amount may be carried before the senate.

senate.

It is a curious fact that, notwithstanding the despotical nature of the government, all the provincial tribunals consist partly of elective functionaries. Thus, the superior court for a circle consists of a judge and secretary, and of two assessors chosen annually by the nobles, and two by the peasants: and the superior court of justice for a government, which is divided into a civil and a criminal chamber, consists of a president, secretary, and assessors for each chamber, 2 of the assessors being chosen by the noblity, and 2 by the burghers. It is, in fact, a principle in Russia, that a portion of the judges in every court should belong to the same class as the party whose interests are under discussion, and be elected for that purpose by his compeers. In the case of the no-nility and burghers, this is a most valuable privilege; but in the case of the peasantry, who stand most in need of protection, this privilege is quite illusory; their slavery and ignorance making them utterly incapable of profiting by it.

Previously to the reign of the Empress Catherine II, the judges, particularly in the inferior courts, were wretchedly paid. That princess increased their salaries; but they are still far too low. And seeing that the judges are removable at pleasure, and owe their situation to favour rather than to merit, we need not wonder that the greatest abuses continue to exist in the administration of justice. The proceedings are dilatory in the extreme. The prohibition against taking fees from suitors is rarely compiled with; and in most tribunals it is affirmed, that if justice cannot be altogether defeated, it may at least be indefinitely postponed, by dint of money. These abuses have, however, been, in part, at least, ovitated by the publication, between 1836 and 1833, by the Legialative Commission, of an extensive digest (Secod Zakosow, "Body It is a curious fact that, notwithstanding the despoti-

of Law") of all the laws then in force relative to the rights of citizens and the administration of public justice. This publication has greatly simplified the law; and it is of vast importance from its being, as it were, a charter of rights which may be appealed to on all future occasions, and which it will be very difficult for any succeeding sovereign to abridge. But it would, notwithstanding, be idle to expect any very material improvement in the ordinary administration of justice, until the judges be better trained, selected, and paid; and till the indusence of public opinion, and of a comparatively free press, neither of which has at present any existence in Russia, be brought to bear on the administration of justice, and of public affairs generally. The latter, in fact, is the only security against abuse on which any reliance can asfely be placed. Wherever judges are exempted from the control of public opinion, and the animadversion of the press, they are most commonly the obsequious inthe press, they are most commonly the obsequious in-struments of government, and seldom scruple to commit injustice when they believe it will be acceptable to their

superiors.

There is in Russia, particularly in the great towns, a very efficient system of police. The officers are empowered to discharge various functions besides those which come more peculiarly within their province; such as the decision of differences between masters and servants. &c. Crime is not frequent in Russia; and property is as well protected in it as in any other country. Houses being generally built of wood, fires in great towns are apt to be very destructive; and the most effectual precautions are taken to prevent their occurrence. All strangers arriving in Russia must produce their passports at the police office, and notify their arrival in the public papers.

their passports at the police office, and notify their arrival in the public papers.

Pseudaments. — Capital punishments are rare in Russia, treason being the only crime visited with death. In cases of murder, fire raising, and other capital offences, the criminal, after receiving a certain number of lashes from the knout (a heavy thong whip), under the infliction of which he sometimes expires, is condemned for life to forced labour in the mines of Siberia. This part of the legislation of Russia has been the theme of much, though, as it appears to us, of little deserved eulogy. We agree with Mr. Coxe, that the fear of death is to most men the most efficient check on the commission of crime; and though it were conceded that Russian malefactors undergo a much severer punishment, still, as erime; and though it were conceded that Russian ma-lefactors undergo a much severer punishment, still, as people generally know nothing of it, it makes no impres-sion on them, and has little or no influence in deterring others from committing similar offences. (See Cone's Travels in Russia. &c. ili. 116.) The nostrils of crimi-nals used also to be slit, and their face branded with a red-hot iron previously to their banishment to Siberia; but this needless aggravation of punishment was put an end to by the Emperor Alexander. Torture was formerly universal in Russia, and was in-flicted at the discretion of the superior justices in all parts of the country, by whom, as was to be expected.

flicted at the discretion of the superior justices in all parts of the country, by whom, as was to he expected, the power was often shamefully abused. Russia is indebted to the Empress Catherine for the abolition of this atrocious practice. And it is a singular fact, and worthy of the attention of those who are so fond of recommending immediate changes, that the prejudice of the Russians, in regard to the necessity of torture, was so deeply rooted that Catherine had to proceed with great caution in bringing about its abolition, which was effected rather by indirect than by direct means. (Core, add suppra.)

ubi supra.)

effected rather by indirect than by direct means. (Core, selv suppra.)

According to an official return there were, on the lat of Jan., 1826, 97,121 criminals in Siberia, of whom 23,264 were females. Of the convicts, about 10,000 are condemsed to forced labour in the mines, and otherwise; the others being mostly employed in agriculture. The greatest criminals, or (according to the interpretation of the Russian government), those sent thither for political offences, are mostly confined in N.E. Siberia, the climate of which is especially severs. The desertions amount to about 2,000 a year.

Division of the People into Classes.—The people of Russia are divided into four classes, vis. 1. nobles, 2. clergy, 3. burghers, merchants, and other farmers, and 4. the peasants, or slaves.

1. Nobles.—Previously to the reign of Peter the Great, the Russian nobility consisted principally of the descendants of the ancient petty princes of the country, or of lord possessed of vast estates. They were in the exclusive possession of all situations of trust and emolument, to which they succeeded according to their rank. Peter, who early saw the disadvantage of this state of things, and the necessity of undermining the influence of the nobles, most of whom were violently opposed to his projects for the regeneration of the country, had recourse, in furtherance of his plans, to the scheme of creating a new order of nobility. In this view he divided all the civil and military functionaries in the service of the state into 14 classes, enacting, at the same time, that the 8 highest southly. In this view he divided at the CYN and mini-tary functionaries in the service of the state into 14 classes, enacting, at the same time, that the 8 highest classes should confer on the individuals in them the dis-

tinction of hereditary nobility; that some of the other classes should confer the distinction of personal nobility, or of nobility for life; and that those servolled in the others should be deemed gentlemen, or bies sides. Some modifications were made in this arrangement by the empress Catherine II.; but it is still maintained nearly as it was contrived by Peter the Great.

The creation of a new nobility founded on merit, or on services rendered to the state, was, no doubt, a material improvement at the time. By illustrating many new families, it has served to lesson the influence of the old nobility, and to liberalise the order, at the same time that it has opened a prospect to all enterprising individuals of rising to the highest dignities. On the whole, however, it would seem that the system having served its purpose, might now be advantageously abandomed. "En grossissant," says M. Schnitzler, "a l'influse, is corps de la noblesse, ne muit-il pas à exite institution peut-fire mécassire; et en depouillant le tiers test de issue or qu'il a des citogens distingués, n'affishilt-il pass la consideration dont il serait juste et utile d'ansourer la classe laboricuse? N'enlevati-il pas à famais aux arts et à l'industrie des hommes capables, qui suraident constrabal à leurs succès, a'ils n'avaient pas au descrier un rong auguel de longs efforts et les traseaus de leurs phres les ont cufin élevées, en se livrant à des occupations qu'on regarde comme sparairers (Statistique L'émerale, p. 344.)

According to the official accounts, the order of the nobility comprised, in 1836, 691,335 individuals, of whom 338, 160 enjoyed hereditary and the others personal dignities. In Russia, properly so called, the nobles are not numerous; but they abound in Podania, and especially in Poland itself, which, in 1837, had 263,620 nobles! Few. however, of the latter possess estates, and many of them are in a very destitute condition. In the Polish provinces, and in Courland, Livonia, and Esthonia, none but nobles

other provinces acquired from Poland, and especially in Poland itself, which, in 1837, had \$33,420 nobles! Few, however, of the latter possess estates, and many of them are in a very destitute condition. In the Polish provinces, and in Courland, Livonia, and Esthonia, none but nobles can inherit landed property: but this is not the case in Russia Proper, though, with the exception of the crown estates, they are, in fact, almost the sole proprietors. The titles of prince, count, and baron have superseded those formerly in use. In the government of Tula, there are said to be more than 100 families having the dignary of prince. All the members of noble families are noble and have the same title as the head of the family. On the death of a noble person, his estate is divided, according to a fixed scale, (see sate, p. 610.), smoogh his children of both sexes. Nobles are exempted from all personal charges, and from the obligation to serve in the army, but they are obliged to furnish recruits according to the number of their vasals. Nobles are also exempted from corporeal punishment; have leave to distil all the spirits required for the consumption of their establishments; may engage in manufactures or leave to distil all the spirits required for the consumption of their establishments; may engage in manufactures or trade; have a right to all the minerals on their estates, &c. Precedence is determined, in Russia, by military rank; and an ensign would take the pas of a nobleman not enrolled in the army, or occupying some situation giving military rank. (Schnitzler, Essai & sme Statisque, &c., p. 112, &c.)

The property of a noble who has been condemned is not confiscated by the state, but goes to his family. The nobles also elect various local magistrates, assessors, &c., and deliberate at their meetings on various matters connected with the local administration. There is also in every government a committee of nobles to watch

Ac., and deliberate at their meetings on various matters connected with the local administration. There is also in every government a committee of nobles to watch over the interests of the body, and to take care of the establishments that belong to it; and every circle has a committee of nobles who manage the estates and affairs of nobles who are under age. These privileges, which are obviously of considerable importance, were embodied and set forth in a ukase in 1761; and another ukase of the Emperor Alexander prohibits all government functionaries from interfering with the election of the assessors, and other functionaries chosen by the nobles.

It is not easy to form a fair estimate of the character of the Russian nobles. Generally "speaking, their education is more superficial than solid; but many are, nevertheless, highly accomplished; they are all well acquainted with French, and numbers with the English and German language; those who have travelled being distinguished by the superior polish and elegance of them affect, and many relish, the society of literary men and artists. That they are more sensual, more gives to them affect, and many relish, the society of literary men and artists. That they are more sensual, more gives to estentations display, and less distinguished by a gentlemanly bearing towards their inferiors, than the higher classes in England or France, is, no doubt, true. But the representations of their manners and conduct, given by Clarke, Lyall, and other travellers, of their caste, are, notwithstanding, mere vulgar caricatures, which though they may, perhape, apply to a few individuals, are generally quite as wide of the truth as M. Pillet's accounts of our fair countrywomen. Considering, indeed, that the Russian nobility, have no exciting political occupatios,

that in most parts of the empire there is no middle class, and that the occupiers of their estates are not freemen but slaves, the wooder is not that their tastes and liabits should be, in some respects, burbarous, but that they should have made so great an advance as they have done since the reign of Peter the Great, and that they should

note the region reter the Great, and that they should be so intelligent and refined as they are found to be. The Russian nobles, like those of England and other countries in feudal times, are to the habit of keeping great numbers of vassals in their houses as servants. The number of such retainers in some great families exceeds all belief, amounting sometimes to above 500! They reall belief, amounting sometimes to above sou! They re-ceive only a trifling pittance as wages, but that is quite enough for their wants, as they are fed and clothed by their masters. Several Russian noblemen have recently distinguished themselves by their attention to their estates, and by the efforts they have made to introduce the improved processes and implements in use in more advanced countries. In some instances they have brought land stewards and labourers from England. Latterly, also, many of the principal nobles have become extensive alic, many of the principal nobles have become extensive manufacturers, and some of the greatest manufacturing estiblishments of the empire are, at present, in their hands. They are driven, in fact, to adopt this course by the circumstances under which they are placed. All agricultural, and most out-of-doors employments being suspended during winter, the noblemen, who must provide for the subsistence of their slaves, whether the latter be employed or not, naturally endeavour to avail themselves of their services during the interruption of husbandry pursuits, by setting on foot some species of manufacture. The latter, indeed, is frequently carried on only during winter, the peasants being employed in agriculture during the rest of the year. When, however, a nobleman establishes a manufacture on a large cale, and keeps it constantly at work, the peasants are ver, a nobleman establishes a manufacture on a large cale, and keeps it constantly at work, the peasants are usually put on the footing of bired labourers, and instead of getting an allotment of land, are paid for their work, nd left to supply themselves with necessaries. Some nanufactures conducted in this way have been emitty successful; though it be hardly necessary to add, at if they be of the higher class, or require any peculiar ill, economy, or attention, they are not of a kind that n be successfully carried on by the agents of noblem: and that the moment the protection afforded by en; and that the moment the protection afforded by pressive custom-house duties, under which they have

pressive custom-house duties, under which they have own up, is withdrawn, they will straightway fall to the und. (See Venables' Russia, ye., p. 140.)
If. Coxe and Dr. Pinkerton, among the best and most stworthy of the English travellers who have visited sala, speak very favourably of the Russian nobility. e former says, that though they have adopted the cacles of French cookery, they neither affect to isse their native dishes, nor squeamishly reject the i Joints which characterise an English repast. The lest as well as the choicest viands are collected from most distant quarters. At the tables of opulent perin Petersburg may be seen sterlit from the Wolga, from Archangel, mutton from Astrakhap, beef from in Petersburg may be seen sterlit from the Wolga, from Archangel, mutton from Astrakhan, beef from Ikraine, and pheasants from Hungary and Bohemia. common wines are claret, Burgundy, and champs; and English beer and porter may be had in perand abundance. It is usual to take a whet before r; but the stories engrafted upon this practice, or revalence of inebriety among the higher classes, holly without foundation. In this respect their have undergone a total change since the days of

holly without foundation. In this respect their have undergone a total change since the days of the Great; and they are now remarkable for so. The peasantry, however, often indulge to excess ir potations. (Core, it. 181.) lengthened stay of the Russian armies in the n and more civiliaed European states, after the of Napoleon's invasion, made a large number of hes, and of the more intelligent classes (which in consist of the military efficers), familiarly acd with a more advanced state of society, and a orm of civil polity. This circumstance, also, gave rased stimulus to the desire for travelling that ity prevailed among the nobility many of whom rated stimulus to the desire for traveling that ity prevailed among the nobility, many of whom w to France. England, and Italy. It is not to be that the influence of these concurring circuminas since, on various occasions, made itself senin Russia; and that the government has sometime of the street of the street that a considerable portion of I reason to believe that a considerable portion of ity, and even some of the most distinguished re-would not be displeased to see some limits set wers of the czar. To counteract this feeling, betaeles have latterly been opposed to the emi-Russian nobles and to their residence abroad:

vigilant measures have also been adopted to e employment of foreign tutors and govern-to prevent the introduction of foreign works ved by the censor. It remains to be seen less measures will be effectual to maintain the der of things; but, at all events, it is suffi-ar, from what has been already seen, that, ting circumstances, such a revolution in Russia as should materially modify the power of the czar, would not be for the advantage of the bulk of the people, but the reverse.

 Clergy. — This body will be more fully noticed under the head Religion. It comprises, in all, about 274,000 individuals, of whom about 254,000 belong to the Estab-- This body will be more fully noticed under lished Church. Including the wives of the priests, it is supposed that about \$40,000 persons may belong to this class. They are exempted from all direct taxes, and from corporeal punishment, and may acquire all sorts of

from corporeas punsamens, and may fixed property.

3. Merchants, Burghers, &c. — This comprises the class intermediate between nobles and peasants, and is thus alluded to by the empress Catherine in her instructions for a new code of laws: — "This class, composed of freemen, belongs neither to the class of nobles nor to the class of nobles and the composed of freemen. All those who, being neither gentlemen. of freemen, belongs neither to the class of nobles nor to that of peasants. All those who, being neither gentlemen nor peasants, follow the arts and sciences, navigation, commerce, or exercise trades, are to be ranked in this class. In it should be placed all those who, born of plebeian parents, shall have been brought up in schools or places of education, religious or otherwise, founded by

class. In it should be placed all those who, born of plebeian parents, shall have been brought up in schools or places of education, religious or otherwise, founded by us or by our predecessors. Also the children of officers and of the secretaries to the chancery," &c. Merchants and traders belong to this class; and they, as already stated, are distributed into their guilds according to the amount of capital they respectively possess (see ante), and enjoy various privileges on their paying a certain per centage on their declared capital. The burghers, or second division of this class, possess many privileges superior to the peasants; but they are distinguished from the merchants by being subject to the capitation tax and to enrolment in the army and navy. The Germans and other free colonists established in different parts of the empire, and the free cultivators and tenants found in certain districts, belong to this intermediate class. This class comprises about three millions of individuals.

4. Peasants. — Unhappily, however, the far largest portion of the people of Russia are slaves belonging either to the crown or to individuals; above 21 millions being the property of the former, and 23 millions of the latter. Count Cheremetief is proprietor of above 110,000 slaves, and the numbers of those belonging to some of the other great landholders are but little inferior. The nobles are obliged to pay a tax to government (at the rate generally of about 4 roubles per male), and to furnish recruits for the army according to the slaves population of their estates. The time and labour of the slaves belonging to private individuals are absolutely at the disposal of their masters, who may seize whatever property they may happen to acquire. The most common practice is for the latter to impose on their peasants an obrock or capitation tax, which may amount, at an average for those resident in the country, to from 35 to 45 roubles per male, young and old; but those who have learned any profession, or have been successful, ar

some all these are demanded. Run-away slaves are punished by imprisonment and hard labour. Besides having power to dispose of his time and labour, the master may inflict corporeal punishment on his slave; but he is forbidden by law. (which, however, is often evaded) from treating him with any great cruelty, and he is guilty of a capital offence if death arise from his chastisement within 24 hours. When one class may exercise such power over another, very great abuses cannot fail to exist. The insecurity, too, under which the peasants are placed, is necessarily fatal to their industry. Oppression and ill-treatment are now, however, a good deal less common than formerly; and it is certainly true that the condition of the boors is by no means so bad as might, d priori, be concluded, and that, as respects their command over the necessaries of life, they are in a much better situation than the peasantry of Ireland. Those on the estates of humane and enlightened landiords are in decidedly comfortable circumstances; while they mostly all have sufficient supplies of the articles they consider necessary to existence. Some licensed slaves have accumulated very large fortunes. One of this class of persons is mentioned as having 4,000 labourers in his employment; and another planned and built the finest church in Pe-

tersburg.

tersburg.

The peasants are of a sound constitution, stout and firmly built, and generally of a middle stature. They live in wooden cottages, formed of whole trees piled upon each other, and built together in villages, the gables to the road. Sometimes they consist of two stories, but more frequently only of one. They are heated by stoves, and though dirty, are not uncomfortable nor ill suited to the climate. Their furniture consists generally of wooden articles, with a pan or two, Beds are little used, the family generally sleeping on the ground, on benches, or on the stove.

The dress of the pessant consists of a long coarse drugget coat, fastened by a belt round the waist, but in winter they wear a sheep-skin with the woolly side inwards. Their trowsers are of coarse line; instead of stockings, woollen or flannel cloth is wrapped round the legs, and boots or shoes of matted linden bark are frequently substituted for those of leather. The neck, even in winter, is bare?, and the head is covered by a peaked round bat or cap. (Vogage de deux Français dass le Nors de l'Estrope, tom. iv. p. 323.)

The Russian peasant considers himself well fed if he have rye-bread, which is the staple article of food throughout the empire, and sour cabbage soup, with a lump of fat, or hogs lard, sold mushrooms, which, at the proper season, are act remely abundant, onions, &c. His favourite dish is a hodge-podge of salt or fresh meat, groats, and rye-flour, highly seasoned with onlons and garlic. Salted cucumbers are a constant dish at the peasant's table all the year round. These and salted cabbages form an important article of national commerce. They are brought in large vats from the southern provinces, where the climate favours their production, to Moscow, Petersburg, and other large towns, and here they are constantly on sale in the public markets. The preparation, in autumn, of a sufficient supply of these pickled vegetables forming, in every family, an important part of domestic economy. This dependence of the Russian peasant on vegetable diet is, no doubt, a consequence of the extraordinary number of fasts and fast-days, of which he is a careful observer, and which are multiplied to such an absurd extreme, that it is said there are only from 60 to 70 days in the year on which it is permitted to use butchers' meat. Quas, a fermented ilquor, made by pouring boiling water on rye or barleymeal, is the common beverage of the peasants. But he is also every fond of mead, and still more so of corn brandy, and other spirituous liquors. The consumption of the latter is immense, exceeding 80,000,000 gallons

vernment. The use of ten is becoming more and more extended. A substitute of it, called *tzbitz**, consisting of herbs, honey, &c. bolled together, is also extensively used by the peasantry.

The peasants are exceedingly superstitious. A vessel of holy water hangs from the celling of every room, and a lamp lighted on particular occasions. Every house is provided with a sacred corner, supplied with one or more pictures of their tutelary saints, coarsely daubed on wood, frequently resembling rather a Calmuc idol than a human head; but sometimes they are of a better quality, and neatly framed: to these they pay the highest marks of veneration. All the members of the family, the moment they rise in the morning, and before they retire to sleep in the evening, never omit their adoration to the saints: they cross themselves during several minutes, upon the sides and forehead, how very low, and sometimes even protestate themselves on the ground. Every person, also, on entering the room, pays his obelisance to these objects of worship previously to his addressing himself to the family.

The Russian peasantry have the vices incident to their situation. With a great capacity of endurance, and the most extraordinary talent for instruction, they have but little active vigour or steadiness of purpose. In accosting a person of consequence, or from whom they expect any favour or advantage, they prostrate themselves, touch the ground with their hands, and kiss the fringe of his garments. Their insecure position makes them anxious to enjoy the present moment; and their masters being obliged to provide for their support when they become old and infirm, they have little motive to providence or forethought. When they accominate money, they most frequently bury it in the ground; a practice common to all countries where property is insecure.

The peasantry belonging to the richer nobles are, speaking generally, in all respects, much better off than those who belong to the class of poor and petty nobles; and, unfortunately for the pea

tomary for the Russians, of all ranks, to marry their children way early, even before the age of puberty. Though restrained by Peter and Catherine II., this custom of early marriage still prevails, and is said to be fraught with many permicious consequences. A utasse issued in

1801., prohibits priests from solemnizing marriages, unless the man be 18 and the woman 16 years old.

The use of the vapour bath is universal in Russia, not being reckoned a luxury but a necessary; and public baths are met with in all parts of the country. They are resorted to by the peasantry, at least, once a week. Though the baths are highly heated, the bathers not unfrequently run out and in summer plunge into coid water, or, if it be winter, roll themselves in the snow! This sudden alternation of temperature is not found: This audden alternation of temperature is not found: to be injurious to health. But, notwithstanding the frequent use of the bath, the boors are very deficient in cleanliness. (See Cose, 6th ed. 1. 209.; Schmitzler, Essal Français as Nord de l'Europe, iv. 318—322; Praiserton's Russia, pp. 69—80, &c.; Foreign Communications on the Poor Laure, p. 330, &c.)

Army.—The military power of Russia having been ridiculously exaggerated by some, and as ridiculously depreciated by others, deserves to be inquired into with some attention. The Strellitses, the first regularly organized corps of infantry in the Russian service, secus to have had their origin about the middle of the 16th entury; and continued, till their suppression by Peter the Great, to constitute the principal strength of the army. They enjoyed various privileges; were always about the person of the emperor; and, by their liceariousness and insubordination, as well as bravery, bore a close resemblance to the Praetorian bands of antiquity, and the Janissaries of the Ottoman Porte. The abolition of the samy on a plan similar to that followed in the more civilised countries of Europe, was undoubtedly one of the greatest services rendered by Peter the Great. At his death, the regular army amounted to about 110,000, exclusive of the imperial guard; and the success which attended his contest with the Swedes showed that this army was a match for the best troops that could then be opposed to it.

Under Catherine II., the army was greatly aug

army was a match for the best troops that could then be opposed to it.
Under Catherine II., the army was greatly augmented and improved. This able and ambitious princess augmented the pay of the troops and officers, and gave them a new, more commodious, and elegant uniform that hat formerly in use. She formed the Cossacks into a light cavalry, which, after being successfully opposed to the Spahis of the Turks, has since distinguished itself in the great contests of more modern times. During the latter part of the reign of Catherine the regular army amounted to about 250,000 men; and little was wanting to place it on a level with that of the surrounding powers, ave the better organization of the commisseriat department, and the choice of better educated and more skilled native officers.

native officers.

save the better organization of the commissariat department, and the choice of better educated and more skilfal native officers.

It is, however, to the emperors Alexander and Nicholas that the Russian army is indebted for the more efficient organization, discipline, and power by which it is now distinguished. The momentous struggles in which the former was engaged called forth all the military resources of the empire; many abuses were rectified, and improvements introduced; and the armies of Alexander were at length enabled to contend successfully with those of the greatest captain of the age. Under the present emperor, the discipline and organization of the army have been still further improved; and it is, at present, is a comparatively high state of efficiency.

The Russian army has been newly organized, by a ukase of the 9th August, 1835. Down to that period, two large armies were maintained; but those were then consolidated, and the staff of one of them reduced. The army is now divided lint six corps d'armé of infantry, each corps into three divisions, each division into two brigades, each brigade into two regiments, and each corps d'armé of infantry, each corps in the division of light horse, in two brigades (Hussars and Huhlans) of two regiments each. Each regiment for horse consists of nine squadrons of 160 horse each, eight of which take the field, and one remains as a reserve; so that a regiment in the field has 1,380, and a division 5,130 horses. Besides this, each corp has a division of artillery, on the reserved battery, one park of artillery, and three sapper battallons, together 6,000 men. Thus a complete corps of armé is 60,000 men strong, with 130 pieces of artillery; and the whole active army \$60,000 men, and 720 pieces of artillery. Then comes the corps of guards, in three divisions of infantry, three divisions of cavalry, and one divisions of artillery, with 190 guns; then the grenadder corps of artillery, with 190 guns; then the grenadder corps of artillery, with 190 guns; then the grenadde

^{*} This, according to the intelligent author of the Fayage de d Français, is a decisive criterion by which to distinguish the genu

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ment each, and one brigade of horse artillery: altogether this cavalry corps consists of 20,000 men and horses. Finally, there are two independent corps e*erme*, of the Caucasus and Siberia, the first equal in strength to a whole corps, the latter to half a one; so that the entire strength of the regular army in time of peace amounts to 59,000 men; which, at present, is equal to one per cents. of the population, as the Astatics, and particularly those tribes who serve as irregular troops, are not included in this account. (Supp. to the Conversations Lexicon of Gegeneeri, Engl. trans. p. 198.)

But exclusive of the above, the troops not of the line, or those forming the irregular army, constitute a very formidable force. They consist, 1st, of upwards of 50,000 men in garnison in different parts of the interior, and along the frontier; 2d, of above 100,000 veterans, mostly employed for the same purpose; and 3d, of the irregular Cosack cavalry, and the colonised regiments.

The really effective force of the Russian army may, therefore, be reckoned at about 600,000 men; but from this various deductions must be made. Two out of the its battallous of the different regiments are almost always absent, constituting, in fact, depois, being employed npublic works, in the conveyance and training of remits, acc. It is believed, too, that the forces actually mbodied rarely come up to the returns; the officers cing driven, by the inadequacy of their allowances, to did to their means of substatence by keeping up vacancies; the ranks. And if, in addition to these various causes of deduction, we bear in mind that Russia must always, the event of her being engaged in foreign war, keep a rge amount of forces at home to guard the frontiers, do maintain tranquillity in Poland and other disfected provinces, it will be seen that, at present, she huld have considerable difficulty in marching 200,000, even 150,000 men across the frontier. When Napoleon readed Russia in 1812, the entire force brought to oppose nearcely exceeded 200,000 m

lowing to the abuses that prevail in her commissariat artment, a great expenditure is incurred at the same e that the troops are often very ill-provided with the it indispensable necessaries.

I home, however, Russia is all but invulnerable, severity of the climate renders it next to impossible in invading army to maintain any permanent footing is country; whils the nature of the ground, without is, and intersected with forests, rivers, and marshes, see the greatest obstacles to the advance of an ing force, and still more to its retreat. Even themen s, and intersected with oresis, rivers, and marses, sees the greatest obstacles to the advance of an ing force, and still more to its retrest. Even though irmy of Napoleon had not had to contend with the irs of an unusually early winter, the result of his exion could not have been materially different. He is not possibly have maintained himself during the r at Moscow. Sooner or later he must have read; and a retreat through such a country, and in nce of a powerful enemy, ready to take every opportof attacking, could not fall to be most disastrous. e troops of the imperial Guard are a very fine body m. Generally the Russian soldiers are, in respect illy vigour, inferior, perhaps, to those of England. have no enthusiam; and in respect of activity itelligence, are very far below those of England, e, and Prussia. On the other hand, however, cossess, in the greatest perfection, the two first cs of a soldier; the most unflinching courage, and ost implicit obedience. Subjected from birth to cr whose will is their law, the habit of prompt and

or whose will is their law, the habit of prompt and to obedience becomes, as it were, a part of them. Regardless of dangers or difficulties, they will t whatever they are ordered; and will accomplish the most undaunted resolution and perseverance ect. They also endure, without a murmur, the hardships and privations, and support themn situations where others would starve. The in situations where others would starve. The s. Baschkirs, and other irregular cavalry, are full troops, and are well calculated either to imvictorry or to cover a retreat. Contrary to what ave been expected, the artillery is the department the Russians have made the greatest advances; said to be in excess as compared with the other ions of force. Were the officers as intelligent ful as the soldiers are brave and docile, the Rusy would be most formidable. But this is far ing the case. Latterly, however, great efforts in made to improve the education of the officers, lusive of the establishments for that purpose n made to improve the education of the officers, lusive of the establishments for that purpose diction, a military academy was opened at rg in 1832, where officers not above the degree are instructed in military service; and in 1837 for 460 cadets for the artiliery and engineers was to Woromesch. The pay of the officers, though

still miserably low, has been increased; and the present emperor has endeavoured to excite the martial spirit of the people, and to make the service popular, by instituting grand military spectacles. Some of these have been on a gigantic scale. At the grand military and religious festival in commemoration of the battle of Borodmo, in 1839, no fewer than 120,000 troops were present! Marshal Marsnont has spoken in high terms of the efficiency and discipline of the Russian forces he reviewed in the 5, provinces in 1834.

Recrusting.—The army is recruited from the classes of peasants and artisane, every individual belonging to them being liable to compulsory service, provided he be of the proper age and stature. The levies are ordinarily in the proportion of 1 or 3 to every 500 males; but during war the proportion is at least as 2 or 3 to 500, and sometimes as much as 4 or even 5 to 500. This last proportion, however, of that of 5 to 500 males, may be taken as the maximum levy, and is rarely exceeded. The number of recruits to be furnished by the empire in general, and by each district in particular, is fixed according to the results of the preceding census. The nobles nominate such of their serfs as they please to complete their quotas, the only conditions being that they should have a good constitution, and be of the requisite size, and not less than 18 nor more than 40 years of age; and, as idle, ill-disposed individuals are sure to be nominated in preference for recruits, those who are averse from the service endeavour to distinguish them selves by industry and good conduct. The surfamens standard height for infantry is not less than 1 mètre 894 millimètres; and for cavalry, 1 mètre 690 millimètres. The recruits are first sent to the recruiting establishments, and thence forwarded to the corps to which they are assigned. Nobles, magistrates, clergymen, and students are exempted from the great aversion to a military life. Generally, it is found that a levy of 2 on every 500 males produces a supply of about 9

become a sub-officer. The sub-officer who has served twelve years obtains of right the rank of sub-lieutenant or ensign.

Children of soldiers are educated at public military schools, or at schools belonging to the regiment: those who pass their examination with credit become sub-officers. There are at Petersburg schools for pages, engineers, officers of artillery, sub-officers of the guard, &c.; the rank of ensign being given to pages who have gone through a certain course, and to gentlemen cadets who have been two years in the service. But the principal establishment for the education of officers is that of the Corps des Cadets at Petersburg, founded in 1731. It has about 700 pupils, the sons of noble parents, that is, of those who have attained to the rank of captain in the civil or military service. The pupils are divided into the classes, and on leaving school become ensigns in regiments of the line. This school has materially contributed to diffuse information among the inferior no-bility, and to supply the army with able officers. There are also schools for cadets at Moscow, Woronech, Poscist, Tula, Tamboff, and other towns. The pupils leave after a fixed time, and are ranked as ensigns.

During peace promotion depends upon seniority, from the rank of ensign to that of colonel: during war it is determined indifferently, by gallantry, selection, and seniority.

Pass. &c. — The Russian army is supported at very

seniority.

seniority.

Pay, &c. — The Russian army is supported at very little expense. Exclusive of their pay, the higher class of officers receive considerable allowances, as measmoner, &c.; and they generally contrive to eke out their emoluments in various indirect ways. The pay of the subalterns is the most inadequate; and it is hardly possible for any one to serve as a subaltern in the cavairy, especially in the cavairy of the guard, unless he have private resources. Officers are allowed, according to their rank, one or more servants (destackits), maintained by government, but equipped at the expense of their masters. They are taken from among the recruits, the least suitable for active service. The pay of a common Russian soldier does not exceed &b. a year! and various deductions are made even from this miserable

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pittance. He gets a new uniform each year; and is allowed, in addition, 3 barrels of flour, 24 lbs. of salt, and a certain quantity of rye or oatmeal. On fete days the soldiers of the guard receive a certain allowance of butchers' meat, but this is very rarely tasted by their fellows. At home the soldier is paid in silver roubles; and as one of the latter is equivalent to fow of the former, his pay, when abroad, is, of course, augmented in the same proportion. This may, perhaps, have been partly intended as a stimulus to the soldier to undertake offensive operations; but, besides having this effect, it was absolutely necessary, to enable him to subsist among foreigners without robbing. The cavalry borses are very good; and, fodder being very cheap, they are well kept.

among foreigners without robbing. The cavalry borses are very good; and, fodder being very cheap, they are well kept.

Soldiers leaving the army on the expiration of their compulsory service are entitled to a small pension; and those who have been maimed or wounded are received and supported in some of the hospitals established in that view in different parts of the country. Soldiers who continue in the army after their term of compulsory service has expired acquire several advantages. They receive, exclusive of the retiring pension to which they are entitled, double pay; and after five years' voluntary service they are entitled to a retiring pension equal to three times their original full pay.

The inadequate pay of the officers 'and men is the grand evil in relation to the Russian army. It compels all classes to resort to underhand methods of making money; and hence the jobbing and corruption of the first, and the thievish habits of the latter. Government is plundered in every possible way; and while the army loses in strength and efficiency, it may be questioned whether it would not be more advantageous, even in a pecuniary point of view, for government to increase the pay of the officers and troops, so as to raise them above the nocessity of indulging in practices injurious to the service, of the existence of which it is well aware, but at which, as matters now stand, it is obliged to wink.

Capital punishments are at all times rare in the Russian army, and are never inflicted except during war. During peace culprits are uniformly condemned to transportation to Siberia, and to forced labour in the mines. Corporeal punishments may be ordered by the command of a council of war.

Mittary Colonies.—Exclusive of the knout, and are not be inflicted except for very grave offences. Soldiers who continue in the army after their full period of compulsory service is exhausted cannot be corporeally punished except by command of a council of war.

Mittary Colonies.—Exclusive of he rordinary forces, Russia has a conside

who continue in the army after their init period to Compulsive Service is exhausted cannot be corporeally punished except by command of a council of war. Military Colonies.— Exclusive of her ordinary forces, Russia has a considerable force of military colonies. These are a sort of agricultural soldiers established by a ukase issued in 1818, agreeably to the suggestion of General Araktchief. The object was to create a military force at the least possible expense, by engrafting military service upon the agricultural labours of the peasants. For this purpose certain districts belonging to the crown were selected in the environs of the lake limen, in the government of Novgorod, and in some of the southern governments, the territory of which was distributed among the peasanty, at the rate of about 15 decistines, or 45 acres of arable land to each head of a family, villages on an improved and uniform plan being at the same time erected for their accommodation. The stock and implements necessary for the cultivation of this land are furnished to the colonist by the crown, and he is charged with its cultivation, with contributing to the common magazine of the village, keeping up the roads, &c.; the surplus produce, after these outgoings and the provision for his family are deducted, being at his disposal. A soldier is assigned to each colonist, to be maintained by the latter; but the soldier is, in return, obliged, when not absent or engaged in duty, to assist the colonist in the labours of his farm. The colonists, as well as the soldiery, are deprived of their beards, and wear uniform, every thing within the colony being subject to military regulation: there is no restraint on the marriage of the soldier, are deprived of their beards, and wear uniform, every thing within the colony being subject to military regulation to that effect, are generally married to the young men belonging to the colonies. Exclusive of the principal soldiers aiready alluded to, there is in every cottage a substitute or supplementary soldier, g

come unwilling to leave them and impatient of military restraint. Few, indeed, at all familiar with such subjects, will be surprised to learn that considerable discontent has, at different times, prevailed among the colonies in question. A dangerous mutiny, in which several officers lost their slaves, was not suppressed except by the presence of the emperor, who discovered on this occasionhis usual courage and decision. Indeed, the general opinion is that the military colonies will be gradually abandoned.

Nasy.—Russia has a very considerable more discovered.

opinion is that the military colonies will be gradually abandoned.

Navy.—Russia has a very considerable naval force, the fleet comprising about 50 ships of the line, 25 frigates, 10 steam ships, and about 500 smaller vessels. She is indebted for her naval power, as she is for her secretary and, ber civilization, and, indeed, every thing else, to the creative genius of Peter the Great. Previously to his accession, Russia had no sea-port, other than Archangel, and did not possess a single gun-bost. As soon, however, as Peter had acquired a footing on the Baltic, he set about creating a navy; and the better to qualify himself for the task of its construction, he visited Holland, where he not only made himself acquainted with the principles of naval architecture, but with the practical business of a ship's carpenter, by working himself at this employment! The monarchas since Peter, and especially Catherine II. and the present emperor, have all exerted themselves to increase and improve the fleet; and it is now, perhaps, in as high a state of efficiency as it is likely to attain.

The truth, however, is, that though the naval force of Russia be sufficient to give her an overwhelming influence in the three inland seas connected with her empire, or in the Baltic, the Black Sea, and the Caspian, it is not in the nature of things that she should ever be able to cope with the maritime powers situated on the ocean.

The Baltic, in fact, affords no nonoer field for the tradity.

or in the Baltic, the Black Sea, and the Caspian, it is not in the nature of things that she should ever be able to cope with the maritime powers situated on the ocean. The Baltic, in fact, affords no proper field for the training and exercise of a fleet. Besides being limited in extent, it is frosen over for half the year; during all which time the ships have to be laid up; and the crews being on shore, cannot possibly attain that skill in seamanship, and dexterity in manocuvring, that is attained by saliors constantly affoat. And, by a singular contradiction, instead of attempting to obviate this state of things, and sending squadrons into the open seas, and keeping them affoat all year, it is a rule of the Russian service, that every third year the seamen, if so we may call them, shall not go to sea at all! Nothing, therefore, can be more idle and unfounded, than the statements so frequently put forth as to the danger to be apprehended from the increasing naval power of Russia. Such dangers are wholly imaginary. The physical circumstances under which she is placed must always prevent her from becoming a great naval power. She is superior, by far, to any other power on the Baltic, the Black Sea, or the Caspian; but there her ascendancy naturally stops; and any attempt on her part to coastruct fleets to cope with the maritime powers, properly so called, would be a most absurd and improvident waste of the national resources.

struct fleets to cope with the maritime powers, properly so called, would be a most absurd and improvident waste of the national resources.

Russian ships, both in the Baltic and Black Sea, last but a very short time, and, consequently, are very expensive. The great naval stations are Cronstact, in the Gulph of Finland, and Sevastopol, in the Black Sea.

Education in Russia is at a very low ebb. There have for more than a century been schools in all the great towns; but these are but few in number; and the rural appulation is too much dispersed, even if it were not ensiated, and tied down to routine practices, to allow it to reap much benefit from country schools. But, notwithstanding the difficulties in its way, education is making progress, and has been much improved and extended within the present century. It has always been, and coatinues to be, on object of great solicitude with the government. A plan for a national system of instruction was laid down in a ukase of the Emperor Alexander, issued in 1802; which, though it has undergone various modifications, contains the outline of the system that is still followed. The empire is divided in respect of education into a certain number of districts, each of which has, or is intended to have, a university, with a certain number of lyceums (at which the young men intended to fill civil offices are mostly instructed), gymnasiums, high schools and elementary schools, varying according to its extent and population. At present the districts are those of Petersburg, Moscow, Kharkof, Kasan, Dorpat, Kleff, Helsingfors, Odessa, White Russia, the Transcaucasian provinces, and of each district, who is in constant communication with the minister of public instruction to be gone through, the fees to be paid, &c. are all fixed by government. The sum placed annually at the disposal of the minister of public instruction to the emperor, at the close of 1835, gives various details as

to the then state of the higher departments of public in-struction; and has partly supplied us with the following information :-

i. University of Petersburg.—This university, founded in 1819, had, in 1838, 73 professors and subordinate func-tionaries, and 385 students. The six governments de-

in 1819, had, in 1838, 73 professors and subordinate functionaries, and 285 students. The six governments dependent upon it had eight gymnasiums.

2. University of Maccose—At the above epoch this university, bunded in 1736, had 99 professors or functionaries, and 611 pupils. In its library were near 45,000 rolumes. It had also governments within its jurisdiction; and in these there were, in 1826, a lyceum, an institution for nobles, size gymnasiums, five free schools, 75 central schools, and 182 parish schools. The surveillance of the system is committed to the care of an inspector and five sub-impectors. A school has since been founded in Moscow for the gratuitous education of the sons of 50 decayed merchants.

3. The University of Macricof, founded in 1808, had

sons of 30 occayed merchants.

3. The University of Kharkof, founded in 1808, had 81 professors, &c., and 315 pupils. The eight governments under its jurisdiction had, in December, 1835,

81 protessors, &c., and 315 pupils. The eight governments under its jurisdiction had, in December, 1838, seven gymasiums.

4. The University of Kessen, founded in 1804, had, in 1838, 76 professors, &c., and 170 pupils. The nine governments under its jurisdiction had each a gymansium. The Arabic, Persian, Turkish, and Mongolian languages are taught in this university.

5. The University of Dorpat, founded in 1632, one of the most celebrated in Russia, had, in 1838, 74 professors, &c., and 563 pupils. The university library had 58, 296 volumes; and there is attached to the institution a bouncal garden and a museum. The three governments under its jurisdiction had, in 1838, four gymansiums, und 165 public schools with 3,750 pupils.

6. The University of Kieff, called 8t. Wladimir, was ounded in 1834, being intended to supply the place of lat of Wilna, suppressed after the late Polish insurrection. It had, in 1838, 88 professors and subordinate inctionaries, and 203 pupils. It is well endowed, its venues having amounted, in 1835, to 250,000 roubles, here are four governments under the jurisdiction of is university, in which were one lycoum, seven gymanims, and 26 free schools with 461 pupils. Government orders for the education of 50 pupils at this university, whom 26 are trained to be teachers, and 24 are to be greeced in the law, so as to enable them to fill indicial whom 26 are trained to be teachers, and 24 are to be tructed in the law, so as to enable them to fill judicial 1 other civil offices in the old Polish provinces.

The University District of White Russia includes governments and a province. It has as yet no unisity; but it had, in 1835, 12 gymnasiums and a high ool.

The University of Helsingfors, in Finland, found-in 1827, instead of that of Abo, destroyed by fire in course of that year. In 1832 it had about 40 pro-rys, &c., and 425 pupils. There are in the grand y of Finland about 390 establishments for educa-

purposes. University District of Odessa.— In this, as in the ct of White Russia, no university has as yet been lished. But there is a lyceum in Odessa; and in hree governments and provinces subjected to its iction, there were, in 1835, 5 gymnasiums, and 13 chools.

In the Transcaucasian district there is a gymna-a free school, and 12 central schools. The number of schools in Siberia is not specified;

ere is said to be a great want of teachers there, as s in most other divisions of the empire. ies the above there are various schools founded

ies the above there are various schools founded ticular objects, and not coming directly under the of the minister of public instruction. Among may be specified the military schools in Petersfoscow, and other towns; schools for the special he nobility; the schools of the surgico-medical es of Petersburg, Moscow, &c.; schools founded by and nder the control of the clergy. teer, or the theological schools, intended princit the instruction of the sons of the clergy, are the most ancient and important of any in They consist of 4 principal academies at Kieff, Petersburg, and Kasan, which give instruction there branches, and confer the degrees of A. M.; of 36 diocesan schools; and of between 250 strict schools, at which considerable numbers rior classes are instructed; and of a still greater parsish schools. The total number of schools on of their fathers, this is not always Occasionally they enter the civil service, and; most celebrased statemen, historians, poets, ia, have sprung from this class. (Dr. Paskera, p. 251.; Schaistier, \$c.)

ry instruction is in the most depressed state, on the ukase of 1803, agrammar school should ed in every district, and an elementary school

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should be established in every parish, or at least in every two parishes, according to the population. But these regulations have, in very many instances, not been compiled with : and when it is considered that the advantage of education are but little appreciated by the peasantry, and that it is frequently discouraged by the nobility, to whom it occasions some expense, it will not appear surprising that such should be the case. In despite, however, of every obstacle, education has made and is making a very considerable progress. This is seen from the following statement of the schools in existence in 1804 1834, and 1835.

	1804.		1	894.	1936.	
	Schools.	Pupils.	Schools.	Papils.	Schools.	Pupils.
Schools under Minister of Pab- lic Instruction - Military schools - Ecclesisation do. Special do.	499 15 100 13	35,481 29,000 15,000 51,775	1,411 117 544 46	50,000	152	67,494
Totals -	627	109,256	2,118	263,224	3,956	460,575

Of the total schools existing in 1835, 2,841 were maintained at the expense of government. Among the scholars, no fewer than 252,311 enjoyed bursaries, or were educated gratis. The total expense incurred that year by government for school purposes amounted to 28,734,141 roubles. Since 1835 the number of schools has been considerably increased: and if we add to the pupils at school those receiving instruction at home, it will be seen school those receiving instruction at home, it will be seen that education has made a rapid progress in Russia; and that though very backward, especially in the country districts, it is far more generally diffused than is generally supposed.

Since the epoch of the Polish insurrection, the go-vernment of Russia has discovered considerable jealousy with respect to education. In consequence all Russian publicts, have been forthidden from standards assessed.

verbment of Russia has discovered considerable jealousy with respect to education. In consequence all Russian subjects have been forbidden from studying at any foreign university; a strict surveillance is exercised over all descriptions of schools; no private schools are in future to be opened without permission from the proper authorities, and all masters and mistresses of such seauthorities, and all masters and mistresses of such se-minaries must be native Russians; and it is further ordered, that no one shall be a teacher in a private family without being accredited by a university, and having a certificate of capacity and good conduct. The sciences principally taught in the universities are the his-

tory, literature, geography, and statistics of Russia.

Lectures on politics or political economy would be esteemed daugerous, and are forbidden. The object of these regulations is manifest; and we are not surprised. that some of them should have been adopted. But, what-ever may be the case with the higher branches, the government has had sagacity to perceive that the diffu-sion of elementary instruction, including the principles of the useful arts, would not tend to shake the stability of the existing order of things, while it would do more than any thing else to raise the peasantry from the state of ignorance and debasement in which we now find them, and to develope the resources of the country. Great num-bers of new schools have been opened within the last half dozen years; and lectures on agriculture, and the appli-cation of science to art, have been established in the different universities. that some of them should have been adopted. But, whatdifferent universities.

different universities.

The fact is, that a taste for instruction and reading is beginning to be widely diffused among the town pop. Many new works, some of them of distinguished merit, annually appear; and many foreign works are translated into Russian. Numerous literary and scientific journals issue from the presses of Petersburg, Moscow, Riga.

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are the most distinguished of those intended for the in-struction of nobles. In the first there are about 300 -boarders, paid for by their parents; the rest attending as day-scholars. The first class pay 324. a year, and the second 244. (Pinkerton's Russia, p. 256.) The pedagogical institution of Petersburg is one of the most important and valuable in the empire. It is exclusively appropriated to the deducation and training of schoolmasters. In 1835 it had 45 functionaries and 144

pupils.

Young men belonging to great families used formerly to be, for the most part, educated at home by foreign tutors, of whom not a few were ignorant, unprincipled, and servile. But an edict of the emperor Alexander contributed to subvert this practice, by excluding all young men, not educated at a public seminary, from the higher class of public employments; and, as already seen, it has been still farther discouraged by the present

emperor.

Races. — The Russian empire embraces at present an emperor.

Racez. — The Russian empire embraces at present an immense variety of different races; but the great bulk of the nation, or the Russians properly so called, with the Poles, and also the Bulgarians and Servians, belong to the great Slavonic family. The Slavonians are most generally supposed to be the descendants of the Sarwatae of antiquity; but, though probable, this is by no means certain. At all events, they are radically distinct from the Goths, on the one hand, and from the Tartars and other Eastern nations, on the other. There is no foundation whatever for the common opinion that they were denominated Slavonians from their being originally slaves. On the contrary, when first known to history, the Slavonians were as free as the Goths. The practice of slavery was gradually introduced; and in Russia it was not completed till the beginning of last century. (See Dr. Pinkerton's Russia, p. 276., and the authorities there referred to.) The individuals of Slavonic origin at present within the limits of the Russian empire are supposed to amount the limits of the Russian empire are supposed to amount to about 46,000,000, being about three fourths of the en-

tire pop.
The next principal race is that of the Ouralians or Finns, inhabiting the grand duchy of Finland, Esthonia, Lapland, and several districts in the north of the empire.

Finns, inhabiting the grand duchy of Finland, Esthonia, Lapland, and several districts in the north of the empire. The Finnish population is believed to amount, in all, to above 3,000,000 individuals. The Letto-Lithuanian race, amounting to nearly 2,000,000, is principally found in Lithuania and the W. provs. There are, also, about 2,000,000 Tartars; 2,000,000 Georgians, Armenians, &c. The Germans settled in various parts of the empire may be taken at about 450,000; and there are, besides, 1,064,000 Jews, with Samoyedes, Mongolians, Kamchatskadales, Americans, &c.

Losguage.—Those who are aware of the various races and the numbers of different people included within the Russian empire, need not be surprised that about forty distinct languages are in use, having attached to them an immense number of different dialects. The individuals belonging to the Slavonic race have two languages—the Russian and the Polish, both derived from the ancient Slavonic. This mother-tongue, augmented and modified by the influence of Christianity, which introduced into it a number of Greek words, and by the dominion of the Tartars, by whom it was loaded with Turkish and MonTartars, was gradually formed into the Russian. by the influence of Christianity, which introduced into it a number of Greek words, and by the dominion of the Tartars, by whom it was loaded with Turkish and Mongolian terms, was gradually formed into the Russian. The primitive idiom continued, however, to be employed in the liturgy and the sciences till the reign of Peter the Great, when the Russian gained that ascendancy in religion and science it had already gained in conversation. The extraordinary advances that were then made in civilisation occasioned the introduction of an immense number of new words. At length the language became tolerably well fixed. The alphabet, which consisted originally of 45, has been reduced to 37 letters, some of them borrowed from the Greek and others from the Latin. Some characters are, however, quite unlike those of any other language, and can hardly be pronounced by any save Slavonians. The grammatical forms are not well defined, and the conjugations are exceedingly irregular. Otherwise the language is rich, sonorous, flexible, natural, and elegant. The variety of its terminations is very remarkable. There is very little patos in Russia; the language of the country differing but little from that of the towns. There are, however, three principal dialects; let, the Great-Russian, the pure or cultivated language of the nation, spoken in Moscow, and all the central parts of European. Russia; 2d, the Malo-Russian, or language of the S.E. parts of Russia in Europe; and 4d, the Walo-Russian, or dialect spoken in Lithuania, Volhynia, &c. It is a curious fact, that the first grammar for the Russian language appeared at Oxford in 1636. The best grammar is that of Dobrowski, published at Vienna in 1822. The Russian hacademy has published a dictionary of the language in 6 vois. 4to., 1866—1832.

Literature. — Russia has had several distinguished natural philosophers and mathematicians, but they have been chiefly foreigners (Germans principally) resident in the country. At present the literature of Russig occupies

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a respectable place in that of Europe. The introduction of Christianity was marked by the growth of a taste for letters among the ancient Slavonians; but the only remains of that early literature are some fragments of chivalrous poetry, and the annals of the monk Mestor. The Tartar invasion arrested the progress of literature, and Russia fell back into the abyse of barbarism, whence she did not begin to emerge till after the accession of the house of Romanoff. The attempts of the restorers of literature were at first confined to some feeble dramatic performances; and towards the close of the 17th and the beginning of the 18th centuries, to miserable imitations of French and other foreign works. In the course of the 18th century, however, Lomonosoff created, by his procepts and his example, a national literature. Sommano, and since then a crowd of writers have distinguished themselves in all departments, from the copacia down to ecloque and fable; and the national literature continues to flourish with undiminished vigour. The History of Russia, by Karamsin, now in course of publication, is a work of great merit. Numerous journals or periodical publications, in different languages, devoted to politics, under the state of the iterature and science, annear in different parts of the work of great merit. Numerous journals or periodical publications, in different languages, devoded to politica, literature, and science, appear in different parts of the empire; but so long as these are subjected to a sweeze censorship, and as the government looks with jealously on anything approaching to the expression of a free opinion, the political and philosophical works of Russian writers can be but little deserving of attention. The first Russian press was set up at Kieff in 1551. Previously is 1800, there had not been printed above 1,000 works in Russia; in 1807, the number of such works was about 4,000; in 1821, they amounted to 13,249, and at present (1840) to more than double this number, about a third part being translations from the French and other foreign languages.

part being translations from the action of the languages.

Russia has some splendid libraries and measures. The imperial library at Petersburg contains about 400,000 vols and 17,000 manuscripts; and the Romantzow Measure contains a large collection of national antiquities and of every kind of curiosities.

Most religious to be found in the sucient

seum contains a large collection of national antiquities and of every kind of curiosities.

Religions.—Most religions to be found in the ancient continent have their adherents in Russia. The court, however, and the great body of the nation profess the Nusso-Greek Christian faith, denominated by its votaries the orthodox or true Catholic faith. The pednts is which it principally differs from the Roman Catholic faith, are, its denying the spiritual supremacy of the pope, its prohibiting the cellbacy of the clergy, and its authorising all individuals to read and study the Scriptures in their vernacular tongue. The prohibition of cellbacy is carried to such an extent, that no priest can perform any spiritual function before he is married nor after he becomes a widower; and as he is not allowed to remarry, the death of his wife and the cessation of his functions as a priest (unless he be specially allowed by the blahop to continue them) are necessarily identical! The priests may, however, on the death of their wives, enter into a convent, and enjoy the barren privilege of becoming eligible to be dignitaries of the church. Pictures of sains are admitted into the Russo-Greek churches and houses; but all statues, has reliefs, &c., are rigidly excluded. There are several fasts, of which that of Easter, which continues for seven weeks, is the longest and strictest. Divine service is performed in the native tougue; and singing in churches is unaccompanied by any sort of instrumental music. The total pop. professing the Russo-Greek faith may be estimated at about \$0,000,000. No country in Europe possesses such a number of fine churches as Russia. The meanest village is ge-Russo-Greek faith may be estimated at about \$0,000,000. No country in Europe possesses such a number of fine churches as Russia. The meanest village is generally furnished with a temple ornamented with gik domes and spires. These edifices are nearly all in the Orecian style of architecture, substantially bulk of brick, plastered and painted with much taste, forming a striking contrast to the huts or izbus of the peasantry by which they are surrounded.

There are in all Russia nearly 500 cathedrals and about 29,000 churches attached to the established faith, the

29,000 churches attached to the established faith, the latter employing about 70,000 secular or parochial clergymen. There are also about 580 convents, of which 480 are for men and 70 for women. Adjoining to each church or near it, there is always a holohoisis or beliry, commonly of great height, and provided with large belis, which are tolled several times during every service, and on holidays kept ringing the whole day. The Russians are passionately fond of the sound of belis, and larger and finer ones are nowhere to be found; every church has in its steeple four or five of different sizes; and in many this number is doubled and even trebled. (Pinkerion 1 Russian, 258, &c.) 258.

Russia, p. 268., &c.)
The Russian church was long subordinate to that of The Russian church was long suroramere to max or the Eastern empire, its metropolitan being nominated by the patriarch of Constantinople But after the capture of the latter city by the Turks in 1483, the Russian clergy appointed their own metropolitan. This practice continued till the reign of Peter the Grest, who declared himself the head of the Russo-Greek RUSSIA.

church, appointing, at the same time, a synod for the management of its safairs. The clergy are either secular or regular—the former consisting of the parochial cierg, and the latter of the higher dignitaries, monks, &c. The hierarchy is composed of bishops, arch-bishops, and metropolitans. There are in all thirtybishops, and metropolitans.

cight dioceses.

In Russia, as in most other countries, the piety, or superatition of individuals, had conferred great wealth on the church, particularly on the monasteries. This having occasioned many abuses and irregularities, afforded a pretent, of which Peter the Great availed himself, not only to sumpress various monasteries, but to forded a pretext, of which Peter the Great availed himself, not only to suppress various monasteries, but to deprive the church of the greater part of its wealth. In the reign of Catherine II., the degradation of the whole immoreable property of the church to the use of the state, pensions being assigned, in its stead, to the different functionaries to whom it had belonged. But, with the exception of a few livings in Petersburg, Moscow, and other principal cities, the stipends of the clergy, even when increased by the offerings of the people, and by the prequisites on occasion of births, marriages, funerals, &c., are quite inadequate to provide for their comfortable subsistence. The total number of established clergy, of all ranks and orders, may be taken at about 254,000; and wen increased by the other has, to the people, and by the perquisites on occasion of births, marriages, funerals, &c., are quite inadequate to provide for their comfortable subsistence. The total number of established clergy, of all ranks and orders, may be taken at about 254,000; and the sum allowed as stipends by government is so very small, that they are almost wholly dependent on their focks. The revenue even of the senior metropolitan, the highest dignitary in the hierarchy, did not recently exceed 600l. or 700l. a year; and an archimandrite, or about, the class next below a bishop, had not generally more than from 40l. to 50l. a year! (Pinkerton's Russia, 24l.) Mr. (Oxe says, that "besides the surplice fee, which in the poorest benefices amounts to 4l. a year, and not mong their parishioners, and a small portion of land, hich they generally cultivate with their own hands; hill the highest dignity to which they can ever attain, long as they continue married, is that of a prototype a cathedral, whose income scarcely exceeds 20l. a ar." (Trasels in Russia, &c. iii. 143.)

When such is their depressed condition, we need not onder at the low state of learning and want of refinent among the great bulk of the Russian parochial regy. Coxe tells us, that when he was in Russia, many the par, priests were so miserably ignorant as to be able to read, even in their own language, the gospel y were commissioned to preach! But, though still y far behind, such gross ignorance is now much less mon than formerly. The duties of the Russian gry of all orders are very laborious. Dr. Pinkerton, see authority is unquestionable, says, that we find in the ily circles of the secular or parochial clergy, a degree ulture and good manners peculiar to themselves, description of clergymen wear long beards, and form, ct, like the priests of old, a kind of distinct class, or . None but the sons of clergymen are educated for hourch; nor is there one instance in a thousand of nucleurs.

ct, like the priests of old, a kind of distinct class, or .

None but the sons of clergymen are educated for hurch; nor is there one instance in a thousand of me belonging to any other class entering the ranks e secular clergy. The regular, or dignified clergy, is contrary, though often the sons of priests, not quently receive recruits from among the nobles and classes; and all the higher stations in the church nue to be filled up from their ranks. (Pinkerton's ia, p. 250.) Orders, and other marks of distinction niferred on the Russian clergy; and at present a p is little thought of unless he be decorated with ar and ribbon of some order of knighthood.

Russo-Greek church has, from an early period, s schisms and dissenters. The latter are said to it into about 70 sects. They are classed under the on denomination of raskokuits. The ritual, or of the Russian church is contained in twenty in the exception of the restraints laid on the Jews, excluded from Russia Proper, almost all reliance between one of its members and a belonging to another faith, the children must all glit up in the established faith. Catholics are mereous in the Polish provs.; there are, also, imbers of Lutherans, chiefly in the Baltic prowith Mohammedans, Jews, worshippers of the anna, Feticists, &c.

ama, Feticists, &c.

juence, however, of the cheapness of most ne-rticles in Russia, and the small rates of pay of ers and other public functionaries, her limited oes a great way, and she is able to meet out-

goings that elsewhere could not be met with less than twice or three times the sum. Most topics connected with the public revenue and

Most topics connected with the public revenue and expenditure, are involved in a mystery which it is not always possible to penetrate. The former is derived from a few sources, consisting of,

1. The capitation tax, charged on all the male boors belonging to individuals, and also on some descriptions of formars. At an average it was the attimated at about

belonging to individuals, and also on some descriptions of freemen. At an average it may be estimated at about 4 roubles a head; and estimating those subjected to it at 10,000,000, it will give 40,000,000 roubles.

2. The Obrok, or rent paid by all male boors on the crown estates. Estimating this tax at 10 roubles, and those subjected to it at 9,000,000, it will give a sum of 90,000,000.

3. The tax of 1g per cent. on the declared capital of the merchants. The amount of this tax may be taken at 8,000,000.

of the merchants. The amount of this tax may be taken at 8,000,000.

4. The customs' duties in 1839 produced very near 92,000,000 gross revenue. The expences of collection amount to about 72 per cent. of this sum.

5. The spirit duties produce a very large sum. In Russia, properly so called, government reserves to itself a monopoly of distillation; but in the rest of the empire the produce of the distilleries, which any one may construct, is subjected to an excise duty. The consumption of spirits is very large; and the revenue there arising may be estimated at 100,000,000. Among their other privileges the nobility may distil all the spirits required for their establishments free of duty.

6. The salt-mines and brine-springs are monopolized by government, which sells their produce at the rate of a rouble per pood. This monopoly is supposed to produce about 10,000,000 a year.

7. The crown mines, and the duties payable by the proprietors of private mines, produce together about 16,000,000.

8. The seignorage on coin may be taken at 8,000,000.

The seignorage on coin may be taken at 8,000,000.
 Stamps, licenses, &c., and the tax laid on the sale of

9. Stamps, licenses, &c., and the tax laid on the sale of immovable property, may be estimated at 7,000,000.

10. Miscellaneous items, such as the sums paid by the nobles to be exempted from furnishing recruits for the army, the rent of crown property let on lease, the profits of crown manufactures, &c., may be taken at 8,000,000. Hence it may be concluded that the public revenue of the Russian empire amounts, in all, to 379,000,000 or 380,000,000 roubles a year, that is, to about 15,836,000. The taxes are partly farmed, and partly collected by government officers. There is, as already stated, in every government, a council charged with the administration of every thing relative to the finances.

Our information with respect to the expenditure is

every thing relative to the finances.

Our information with respect to the expenditure is over less accurate than that respecting the income of Russia. In time of peace, however, they are understood to be nearly equal; but during war, or on extraordinary occasions involving an increase of expenditure, the ordinary revenue is quite insufficient to meet the outgoings, and it is usual both to increase the rate of taxation and to resort to loans. The expense of the army and navy (the latter being about one fifth or one sixth part of the former) amounts to more than half the revenue. The external administration, public works, &c.; the civil list, internal administration, public works, &c.; the diplomatic service, and various other items.

According to the report of the minister, M. Kankrin,

According to the report of the minister, M. Kankrin, the public debt amounted, in 1837, to 956,333,574 roubles. Historical Sketch. — The ancients had very little ac-Historical Stetch. — The ancients had very little acquaintance with the vast countries included in the empire of Russia. The monarchy is usually regarded as having been founded by Rurik about anno 862, his dominions, and those of his immediate successors, comprising Novgorod, Kieff, and the surrounding country. In 980, 1015, Vladimir introduced Christianity, and founded several cities and schools. But, from this period down to 1237, when the country was overrun by the Tartars, Russia, with few exceptions, was the theatre of civil war. In 1228 the seat of government was transferred to Moscow; and in 1481 the Tartars were finally expelled. In 1613 the house of Romanoff, whence his present majesty is descended, was raised to the throne; and from this period the empire acquired strength and consistency. Under Alexis Mikhallovitch (1645—1676) White Russia and Little Russia were conquered from the Poles, this period the empire acquired strength and consistency. Under Alexis Mikhaliovitch (1645—1676) White Russia and Little Russia were conquered from the Polea, and the Cossacks of the Ukraine acknowledged the supremacy of the Csar, various internal improvements were effected, and the power of Russia began to be felt and feared by all her neighbours. At length, in 1696, Peter the Great ascended the throne, and the destinles of Russia and of the northern world were immediately changed. This prince, who has, probably, a better claim than any other that ever existed to the epithets of great and of "father of his country." gave to the arms of Russia a decided preponderance in the north of Burope; he also gave her a feet; conquered large provinces on the Baltic; laid the foundations of the noble city which bears his name; and introduced among his people the arts, the literature, the customs, and, to some extent also, the laws and institutions of the more civilised European nations. The difficulties he had to encounter in his projects for remodelling and civilising his dominions were of the most formidable description; and could not have been overcome by any one possessed of less authority, or of a less stern decided character.

From this period Russia has progressively advanced.

decided character.

From this period Russia has progressively advanced in power and civilisation. Under Catherine II. (1762—1796), a princess of extraordinary talent, Russia acquired a vast accession of power by her acquisitions in Foland and on the Black Sea, where she has now the same ascendancy as in the Baltis. The history of Russia, during the present century, is known to everybody. The attempt of Napoleon to dictate a peace to the emperor Alexander, in the ancient capital of the Czars, led to the overthrow of his colossal power, and gave a vast accession of influence and consideration to Russia; which has been maintained and extended under the present emperor.

sent emperor.

It would be idle to speculate upon the permanency of the present order of things in Russia. A great deal, in such an empire, depends on the personal character of the sovereign. The present occupier of the throne has every quality—good sense, undaunted courage, great decision, and the utmost rigiliance and activity—required in the ruler of such a country. But should the government fall into less able and skilful hands, it is not improbable that Russia may become the theatre of revolution and change, for which, at present, she certainly is not fitted. The following table gives a view of the extent of the Russian dominions at different epochs:—

In 1535, at the	e accession of	John t	be Te	rrible,	his do-	•
mini	one comprised					87,200
- 1585, at his	ı denth -					144,000
- 1613, at the		Michae	ni Rom	annoff		148,000
- 1645, at his	death -					258,000
- 1725, at the	e death of Pet	or the (3reet		• .	280,040
- 1741, at the	accession of	Elizabe	reh -	•		525,000
- 1796, at the	death of Cat	berine i	IL •			336,000
And at present	(1841)	-		•		364,000

Tables similar to this have been the theme of much stilly declamation about the grasping, insatiable ambition of Russia. No doubt her rulers have the same desire to extend her territories as those of France, England, or any other power; but certainly they are not, in this respect, at all peculiar. In point of fact, however, by far the greater part of the territorial acquisitions of Russia have consisted of mere deserts, or of countries occupied by revenue herberians, and are worth little or nothing. have consisted of mere deserts, or of countries occupied by roving barbarians, and are worth little or nothing. Her really valuable acquisitions have been confined to those on the side of Poland and the Black Sea. Her conquests in this direction have added materially to her power; and it is but fair to add, that they have also added materially to the well-being and civilisation of the in-

RUSTCHUK, or RUTZSCHUK, a fortified city of Turkey-in-Europe, prov. Bulgaria, cap. Sanjak, on the Danube, 86m. E. by N. Nicopolis, and 63 m. N.W. Shumia. Pop. variously estimated, but may probably be about 30,000. It is built on a steep bank, up which the streets ascend from the river. It is surrounded on three sides by walls, in the manner of Turkish fortifications; but towards the river it is partly open. At its N.E. extremity is a ruined citadel, on an abrupt height above the Danube. "The description already given of Belgrade applies, with very little modification, to this Bulgarian city, except that Rustchuk is not in such a state of dilapidation, and the Turks here appear more civilised than the Servisns: they have schools for their boys; and several of the houses are furnished with glass windows. The comfort of fountains, simple as they are in exterior, and the luxury of codes-houses, are not un RUSTCHUK, or RUTZSCHUK, a fortified city of boys; and several of the houses are furnished with glass windows. The comfort of fountains, simple as they are in exterior, and the luxury of coffee-houses, are not unknown to the Bulgarians; on the contrary, the one and the other abound in Russchuk." (Elios's Tran., i. 180.) The streets are narrow and gloomy; on either side they present only dead walls; and as in all the rest of Bulgaria and in Roumella, each of the larger houses is a fortress in itself. The governor's palace, some of the mosques, and some public baths are the only edifices worth notice. Many of the buildings are whitewashed, and their tall chimneys are visible at a great distance. Woollen, silk, and cotton stuffs are made here; and there are many Turkish, Greek, and Armenian merchants in the town, who carry on considerable trade with Vienna, Wallachia, &c., in cloth, corn, and indigo. Mr. Quin observed in the shops of Rustchuk, "a rich display of military saddles and bridles, belts, and cartoucheboxes, gally ornamented; of Persian carpets, Broussa silks, ataghans, pistols, pipes, umbrellas, Greek caps, searlet jackets, yellow slippers, gold-headed canes, fine loths, woollen and cotton stockings, and every article of grocery, fruits, vegetables, meat, fowl, fish, hardware, and jewellery. The floors of these shops were usually elevated above the level of the street, and the owners and their assistants sat inside upon the floors, some

working as tallors, some as saddlers, and artisans of the ordinary trades." (Voyage down the Danache, 314-15.) In 1812, the Russians took and burned the citadel and a part of the town; and, in 1829, they entered the towa after little opposition. (Elliot's Tran. 1.178-182.; Quán's Yoyage, 288-315.; Slade's Germany and Russia, 187-189.

189 RUTHERGLEN (pronounced Ruglen), a royal asi parl. bor. of Scotland, co. Lanark, on the left bank of the Clyde, 24 m. S. E. of Glasgow. Pop., in 1841, 5,632. It consists of one leading street, straight and well-pared, nearly ½ m. in length, 112 ft. broad, and of the parallel lane called the Back Row. From both sides of the mais street, which lies in a direction nearly E. and W., go off a few cross lanes. There are no public buildings except the par. church, a quood sacra place of worship connected with the establishment, a chapel belonging to the Relief, and the town-hall. A small cotton-mill employs about 80 hands; and there are two print-fields in the vicinity, a Turkey red dye work, and a chemical work. About 500 hand-loom muslin weavers are employed by Glasgow manufacturers. Glasgow manufacturers.

cinity, a Turkey red dye work, and a chemical work. About 500 hand-loom muslin weavers are employed by Glasgow manufacturers.

Ruthergien was created a royal bor. in 1126, at which time it was of more importance than Glasgow, the latter being included within its municipal boundaries. But in 1236, Alexander II. granted a charter to Walter, Bishop of Glasgow, relieving his town from certain servitudes previously due to Ruthergien. (Mus. Corp. Rep., 1835, part ii. p. 371.) Previously to the passing of the Reform Billi, in 1832, Ruthergien, unimportant as it has been, enjoyed the same parliamentary privileges as Glasgow; being united with it and two other towns in sending imem. to the H. of C. Glasgow has since that period had representatives for itself; while Ruthergien joins with Klimarnock and 3 other bors. in choosing a mem. Registered voters, in 1849-50, 165. Municipal councillors 18; corporation revenue, 1848-49, 85M. (New Stat. Acc. of Scotland, § Lemarkshire, p. 373-398.; Ure's Hist. of Ruthergien, 1793.)

RUTHIN (Welsh Raudd-ddyn, or Ruthyn, the "Red fortress"), a parl. and mun. bor., market-town, and par. of N. Wales, co. Denbigh, hund. Ruthin, in the vale of Clwyd, 17 m. W. S.W. Chester, and 45 m. N.W. Shrewsbury. Pop. of mun. and parl. bor., in 1831, 2,376. The town, situated on rising ground, chledy E. of the Clwyd, consists of a principal avenue, entered by several other inferior streets. At the summit is the market-place, in which is the town. The gaol, recently enteresting feature in the town. The gaol, recently enteresting feature, originally conventual, belonging to a community of Bonhommes, is an ancient structure of mixed architecture; th comparatively modern, and much inferior to the rest of the building. The interior is elegantly fitted up with stalls, tabernacle-work, &c., and the roof is of carved oak, annelled, and richly sculptured. It was made collegiate in 1310 by John de Grey, who formed an establishment for regular canons, and endowed it with valuable lands and numerous privileges. A part of the clostsers has been converted into a residence for the warden of Christ's Hospital, founded here by Dr. Gabriel Goodman, for the support of 12 decayed housekeepers. The warden and pensiouers are impropriators of the great tithes of Ruthin and Llan-Rhydd; and the warden, who is appointed by the dean and chapter of Westminster, is the vicar of both parishes, with an income of 2634 a year. The free grammar-school is endowed with a molety of the tithes of Lian-Elidan, and is under the superintendence of the warden, though the appointment of the head-master rests with Jesus College, Oxford: the school ranks as one of the best in N. Wales, and is attended by about 50 boys. A national school is established here for 40 children of each sex; and there are Sunday-schools attached to the chapels of the Independents, Wesleym and factivinist Methodists. No particular trade or manufacture is carried on in the town, exclusive of what is necessary for the accommodation of the thanks., who are principally employed in agriculture; and no change of any consequence appears to have taken place in it for several years, neither are any causes in operation or likely to operate towards the extension of the town beyond its municipal limits. (Mess. Bossed. Rep.)

The corporation of Ruthin consists, according to the Mun. Reform Act, of a mayor, 3 aldermen, and 12 counciliors. Corp. rev., in 1836, 1451. The bor. unites with Holt, Wexham, and Denbish, in sending one mem. to the H. of C., the right of election down to the Reform Act, of a mayor, 241. Ruthin is likewise one of the polling places at elections for the co., and the

ruiss have been restored with admirable taste by the
present proprietor. The manor of Ruthin belongs to
the Lady Grey de Ruthin, daughter of the 19th baron of
that name, who has been a great benefactress to the
Non.

RUTLAND, an inlasd co. of England, surrounded by
Jiscoln, Leicester, and Northampton. It is the smallest
the English cos., containing only 95-260 acres, of which
bott 90,000 are arable, meadow, and pasture.

Surface,
ently varied; air pure; and the soil almost every where
smy and rich. The W. part of the co., in which is the
ale of Catmose, elebrated by Drayton, is under grass,
id the E. chiefly in tillage. It is particularly celebrated
r its wheat, cheese, and sheep. Estates and farms of
rious sizes. Average rent of land, in 1843, 72: 546, an
re. The river Welland runs along its 8. E. border,
m Rockingham to near Stamford; and there is a canal
m the river Soar to Oakham. the principal town. It
ivided into 5 hundreds, and 25 parishes; and returns
nems. to the H. of C., both for the co. Registered
tors, in 1869-50, 1,208. In 1841, Rutland had 4,204
ah houses, and 21,203 inhabs., of whom 10,721 were
es, and 10,281 females. Sum expended for the relief
he poor, in 1848-46, 7,2061. Annual value of real prory, in 1815, 128,2161; ditto, in 1843, 185,9871.

YDE, a town, sen-port, and watering-place of Engon the N. side of the lale of Wight, par. of Newth, and hund. of E. Medium liberty, 24 m. E. N. E.
port. Pop. of Newchurch, in 1841, 8,270, of which
its to which it lies, at a distance of about 5 m.; its
houses, interspersed with gardens and plantations,
ranged in successive rows upon a tolerably steep
ity, rising directly from the sea, backed by bold
and surrounded with cultivated land. It consists
rincipal street, running upwards from the shore,
tersected by others, some of which comprise handletached residences, well adapted for the numerous
a who 50ch thither during summer. It has two
solven the residences, well adapted for the numerous
a who 50ch thither during summer. It has two
hearts, assem

ture, with a central tower, partly of Norman if early English architecture: the siles of re fine lancet windows, and there is a large rpendicular B. window. The living is a the gift of the Earl of Burlington. The ethodists, Independents, and Baptists, have ve places of worship, with attached Sundaylit has a small endowed grammar-school, with several simshouses and other

satist town; beides which the quarter sessions are held alternately here and at Denbigh. Markets, well supplied with corn, on Monday, and a provision market on Saturday, Fair, March 19, Friday before Whit Sunday, Aug. 6, Sept. 80, and Nov. 10.

Ruthin, according to the Welah historians, is of high antiquity; but we have no authentic information respecting it prior to the reign of Rdw. I., who built here a magnificent castle, overlooking the Clwyd, on ks W. bank, which he presented, in 1281, to Reginald de Grey. The pruiss have been restored with admirable tasts by the present propristor. The mannor of Ruthin belongs to fine Lady Grey de Ruthin, daughter of the 19th horn of that name, who has been a great benefactress to the form. which have made the town accessible to vessels of 300 tons. By means of the Rother and its branches it supplies the surrounding country to a distance of 8 m. with coals and other articles; and there is a project in contemplation to extend the navigation as far as Robert's Bridge, a distance of 15 m. in a straight line. This, if carried into execution, will be a source of considerable advantage to the town, which will then become the port through which the country, as far as Battle, will be supplied. In January, 1850, there belonged to the port of the second of the provided of the second of the supplied. In January, 1850, there belonged to the port of vessels of the age, burden of 4.214 tons. In 1845 the gross customs' duties amounted to 2,2571. The exports are chiefly woul, oak timber, and bark. A considerable quantity of kops is raised in the neighbourhood, for the drying of which large quantities of Welsh coal are annually imported. (Man. Bound. and Corp. Rep.)
Rye is a bor. by prescription, and is governed under the Municipal Reform Act, by a mayor, 3 other aldermen, and the countries, styled "the mayor, jurata, and commonalty of the ancient town of Rye." Corp. revenue in 1847-48, 7761. Counts of session are held under a reconder; and there is a court for the recovery of debts under 46e. Rye returned 3 mems. to the H. of C. from the 42 Edw. 111, down to the Reform Act, which deprived it of one of kemembers, and at the same time enlarged the electoral limits, so as to comprise with the old hor. the rest of the par. of Rye, the town and par. of Winchelsas, with six other entire pars., and a small portion of the par. of Brede. Reg. electors in 1849-50, 574. Markets on Wednesday and Saturday; fairs, Whit-Monday and Ang. 10.

Wednesday and casuasy, Aug. 10.

Rye is very ancient, but its early history is little known. It appears to have been an original Cinque Fort, and is mentioned as a member of these ports in a charter granted by Henry III. In the reign of Edward III, the town was so considerable, that it sent 9 armed vessels to the royal feet when the king undertook the invasion of France. In the next reign, A. D. 1377, it was plundered and hurnt by the French, but it soon recovered its conto the royal flost when the king undertook the invasion of France. In the next reign, a. D. 1377, it was plundered and burnt by the French, but it soon recovered its consequence. The rise of other ports on the same coast during the last century, and the filling up of its port, occasioned a considerable decrease of its importance, which, however, as above seen, it has now a fair prespect of in some measure recovering.

S.

SACKETT'S HARBOUR, a village or town and port of entry of the U. States of N. America, state New York, co. Jefferson, on a bay at the E. end of Lake Ontario, at the mouth of Black River, 41 m. N. E. Oswego, and 150 m. N. W. Albany. This is a prosperous, rapidly increasing town: in 1835 it extended a mile along the bay, and had three places of worship, several schools, stores for all goods in ordinary demand, a steam-engine fisctory, saw and other mills, barracks for the accommodation of 2,000 men, and many dwellings substantially built of limestone, &c. We have no late account of the pop., which, however, we understand may be taken at about 7,000. The harbour is the best on the Lake, and is used by the American government for ship-building, and as a naval depôt. A peninsula juts out from the lower extremity of the town, forming an inner and outer harbour, the latter of which has water sufficient to float the largest ships of war, within 3 fathoms of the shore. Near the mouth of Black River is another equally good port; and vessels of the largest class are built at both. A considerable trade is carried on from this port by the Lake and the St. Lawrence; and by the Oswego, Erie, and Welland canals. Numerous vessels for the navigation of the lake are built here. Agg. burden of shipping belonging to the port, 20th June, 1849, 8,776 tons. Here is a waterfall sufficient to work machinery. (New York Gars.)

SAFF! AZAFF!, or ASF! (an. Soft), a city and seaport of Morocco, prov. Abda, on the Atlantic, near Cape Cantin, and 96 m. N. W. Morocco. Pop. estimated at 12,000, including shout 3,000 Jews. (Gräderg of Hermso.) It is built in a sterile ravine between two hills; being very hot in summer, and disagreeable in winter, "as the waters from the neighbouring mountains, occasioned by the raina, discharge themselves through the main street into the ocean, deluging the lower partments of the houses." (Jackson.) It has thick and high walis, and a

nest palses, formerly the occasional residence of the emperor's sons; a little way N. of the town is a small fort. Its roadsteed is safe in summer, but in winter, when the winds blow from the S. or S. W., vessels are obliged to run to sea; which they have been known to do several times in the course of a month, while taking

in their cargoes

ealled Old Sidon, at about the distance above stated, seems traces of ancient walls and other buildings are still dis-

ealled Old Sidon, at about the distance above stated, sense traces of ancient walls and other buildings are still discoverable.

There can, however, be no doubt that the harbour on the N. side of the present town was the port of the ancient as well as the modern town. Here is a quay formed of very thick wills, in parts of which a tessellated pavement of variegated marbles, with representations of animals, festoons, &c., still exists in telerable preservation. Many granite columns are also wrought into the walls, and others stand as posts to a bridge of several arches, which runs from the main land, to a castle built in the see, by Fahr-ed-Din, the celebrated emir of the Druses, in the 16th century. The latter, aiming to render himself independent of the Porte, not only fortified Said, but, in order to make its harbour inaccessible to Turkish galleys, choked it as by sinking boats filled with the dibris of ancient befidings. This measure gave a severe blow to the commerce of the town, the resisted being so insecure that scarcely a fisherman's skiff can lie in it in asfety. (Bearring's Report); but even at the end of the last concary, the French merchants of Said had a considerable trade with Marseilles, to which they exported cotton, silk, and woollen goods, fruits, corn, oil, scammony, galls, sods, and wax. At present the principal resources of the inhabitants are derived from dyeing, and from the manufacture of leather and silk goods.

Sidon is first mentioned in Gen. x. 15. 19.; and appears to have risen into importance at a very early period, since it is spoken of in Joshua as the "greet Zides," (ch. xi. 8.; xix. 39.) In the division of Palestine it was allotted to the descendants of Asher, but we learn from Judges, i. 31, that it never came into the actual possession of that tribe. Its inhabitants were anciently eminesa is ahip-building, and were employed by Solomon in the construction of the Temple, there being, among the Jews, none who had "skill to hew timber like unso the Sidonians." Pilmy states that i

fort. Its roadinest is used in summer, but in whiter, which role is the course of a month, while taking the course of a month, while taking and the course of th

silks, paper, tea, &c. A few glass bottles and some broad cloths may be net with, but scarcely any other Eu-ropean goods. The markets are well supplied with poultry, hop, seen, &c.; and the flesh of other animal less suited to a European taste, as dogs and alligators. Food is in the standard of the water state. Fruit is in great abundance, and the variety and excel-

les suited to a European taste; as dogs and altigators. Fruit is in great abundance, and the variety and excellence of the fish can hardly be surpassed. According to Mr. Crawfurd, Salgon is far preferable as a place of residence to Bankok. Its vicinity is well cultivated with rice, areca palm. &c. (Craurfurd's Embassy to Cochis Clina, 1317—348; White's Voyage, &c.)

SAINTES (an. Medicianusm aft. Santones), a town of France, dep. Charente-lorieuree, cap. arrond., on the Charente, here crossed by a stone bridgee. 39 m. S. E. La Rochelle. Pop. in 1846, ex. com., 7,968. Its situation is good, and it is enserved from the S. by a finely planted processed; but it is ill I laid oust, and is for the most part, hadly built. It has, however, some remarkable public buildings, and antiquities. The cathedral was founded by Charlemagne; and the tower, with the principally from the 18th century. The church of St. Eutropius has a fine steeple, constructed under Louis XI. A celebrated abbey was founded here in 1043, into which Eleanor of Geisens retired, after her divorce from Louis-le-Jeune; its buildings are now converted into cavalry barracks. The sub-prefecture, formerly the bishop's palace; the hospital, originally the semmary; the Protestant church, hall of justice, public library, and theastre, comprise the other chief public buildings. It has cabinets of natural history and antiquities, a communal college, and departmental nursery grounds; and nanufactures of hoslery, earthenware, dyeling-houses, anneries, &c. Saintes is in the centre of a district, furishing the best Cognae brandy; in which, and in corn under the Romans, Medicolassum was one of the chief lites of Aquitaine. Some Rossam baths exist on the banks the river; and without the walls, are the remains of an philitestre, amout as extensive, though not nearly in

ishing the best Cognac brandy; in which, and in corn ad wool, it has a large trade.

Under the Romans, Mediolanum was one of the chief liter of Aquitains. Some Roman baths exist on the banks the river; and without the walls, are the remains of an uphithesire, almost as extensive, though not nearly in good preservation, as that of Niames: adjacent to a bridge is a triumphal arch dedicated to Tiberius rusus and Germanicus (Gustet des Fopagewr); and the ins of an aqueduct, a circus, &c. are still traceable, inter was the cap. of the dep. Charente-Inferieur, m 1790 till 1810. (Dist. Géog.)

iAINT HELENA. See St. Halema, and so for all other articles having the prefix of Saint.)

ALAMANCA, (an. Salmassica), a colebrated city of in, kingd. of Leon, and prov. of its own name, on the mes (a trib, of the Douro), crossed here by a handes atone bridge of 27 arches, 92 m. S. by W. Leon, 119 m. W. N. W. Madrid. Pop., according to Mi., 13,918, not including the clergy and university, and on three small hills, and is surrounded by a streets generally steep, narrow, and crooked, mely dirty, and with a decayed melancholy aspect. e are numerous public places and fountains; but nly one worth notice is the Plaza magor, a fine; each side of which is 528 ft. in length, sured by houses of three stories, all of equal height, act symmetry, with iron balconies, surmounted tone balustrade: the lower part is open, forming a ader running all round the square. Bull-fights are ted here in June. Among the public edifices, by largest is the cathedral, a Gothic building with a use of part in the interior are some good paintings, ine organ with horisontal pipes. The chapter es a bishop, 10 dignitaries, and 28 canons. The also 25 part. churches; but few of them merit loa. The church of St. Stephen, however, as formerly attached to a Dominican convent, but we guestion whether it have now 300 from a second proposed and the city; indeed, so proud are the of the collegiate edifices of Salamanca, that ewhats pomposuly termed it Roma la chica ne). The

Formerly there were 4 public and 25 private colleges; but many of these have fallen to decay, and others were destroyed by the French during their occupation of the city. Few of the remaining colleges retain any traces of their former magnificence, their most valuable effects having been carried off during the Peninsular war, while the monastic libraries were burnt by wholesals in 1836. having been carried of during the Peninsular war, while the monastic libraries were burnt by wholesale in 1836. Before the suppression of the monasteries, Salamanca had 860 clergymen; and before the coffers of the churches and convents were emptied to supply the wants of the state, ample provision was made for the support of imposture and idleness. Every street swarmed with vagabonds, not merely those who were proper objects of compassion, but those also who, if compelled to work, would have been found abundantly able to maintain themselves. Mendicancy still prevails; but the want of public support must eventually compel the mendicants to apply themselves to industrious callings. The manufactures of Salamanca are incensiderable, comprising some fabrics of broad-brimmed hats (2000-2007).

comprising some fabrics of broad-brimmed hats (com-beveros), several tanneries, two or three establishments for weaving woolien cloths, and a few others for making starch, glue, earthenware, &c., besides a pretty large manufacture of shoes. A weekly market is held here, and an annual fair in September. The suburbs abound with well-planted walks; the Naverds, or irrigated tract near the river, is planted with fruit trees; corn, and leguminous plants abound throughout the neighbour-hood (the husbandry of which, according to Townsend, is superior to that in most parts of Spain), and the hills, clothed with oak trees, are depastured by oxen, sheep, and goats, celebrated for the delicate flavour of their meet.

is superior to that in most parts of Spain), and the hills, clothed with oak trees, are depastized by overs, sheep, and goats, celebrated for the delicate flavour of their meat.

Salamanca, though mentioned by the classical writers under the name of Salamanica, appears to have been of little importance under the Komans, though a Roman road and some other monuments are still extant. Salamanca is celebrated in the history of the late Peninsular war for the victory gained in its vicinity on the 28d July, 1812, by the Angio-Portuguese army, under the duke of Wellington, over the French, under Marshal Marmont. The struggle was most severe; but the British were completely successful at all points. (Twist's Spain and Portugal, p. 88.—83.; Thumsend's Spains, ii. 73.—84.; Mflans Dict. Géog. ; Encycl. Metrop.; Napier's Pentasular War. vi. 168.)

Mflans Dict. Géog. ; Encycl. Metrop.; Napier's Pentasular War. vi. 168.)

Neusats. It deserves notice from its having been the spot where the first derisive check was given to the progress of the Turks. A powerful army of the latter, commanded by the justly celebrated Visier Kluperli, was encountered here on the 19th of August, 1691, by the imperialists, under Prince Louis of Baden. After an obstinate and well contested action, without any declaive advantage to either party, Kluperli fell; when the Turks, panic struck by his loss, were totally defeated, leaving above 20,000 men on the field of battle. The loss of the Imperialists, under Prince Louis of Baden. After an obstinate and well contested action, without any declaive devantage to either party, Kluperli fell; when the Turks, panic struck by his loss, were totally defeated, leaving above 20,000 men on the field of battle. The loss of the Imperialist, under or city, and sea-port of the U. States of N. America, state Massachusetts, co. Essex, on a tongue of land projecting into the sea. and forming two inlets called N. and S. rivers, 18 m. S.E. Newbury Port, and 18 m. N.E. Boston, with both of which it is connected by railway

degs. E. long.; having N.B. and B., N., and S., Arcot; S. E. and S. Trichinopoly; S.W. and W. Coimbatoor, from which it is separated by the Cavery; and N.W. the Mysore territory. Area, 6,518 sq. m. Pop., in 1836-7, 905,190. Its whole surface is above the E. the Mysore territory. Area, 6,518 sq. m. Fop., in 1836-7, 905,190. Its whole surface is above the E. shauts; and its climate is cool and bracing, which makes it be much frequented by European invalids. It comprises the Barramahl districts, a rich table-land forming its N. portion. Except the Cavery, and Ponlar, it has few rivers, and no lakes. In 1836, of 4,178,870 acres, 1,118,720 were estimated to be under culture; exclusive of 661,500 fit for cultivation, and 2,391,600 acres that were barren and mountainous. About three fourths of the land is assessed under the ryotwar, and the remainder under the semindar system. Rather more than half the pop. is supposed to be actively employed in agriculture. Malse, rice, and a little cotton are grown, and great quanties of teak, sandal, and black woods grow on the hills; but the principal exports are cloth, ghee, tamarinds, turmeric, Jagghery, oil seeds, and from. Iron ore is very abundant, and good steel is made. Cloth is, however, the staple commodity, and is manufactured for export to the W. Indies and America. The chief imports are areca nuts, silk, and black pepper. Total revenue of the district, in 1837-8, 1,950,653 rup.; of which sum, 1,625,524 rup. were contributed as land-

Total revenue of the district, in 1837-8, 1,950,863 rup.; of which sum, 1,528,524 rup. were contributed as landax. Salem, the chief tows, and residence of the British authorities, stands in about lat. 11° 37° N., long, 78° 18° E. It has some trade in cotton cloths, saltpetre, &c. (Madras New Almanack; Hamilton, E. I. Gaz.)

SALEMI, a considerable town of Sicily, intend. Trapani, cap. cant., on a hill, 30 m. E. Marsala. Pop., in 1831, 12,162. It is finely situated, but has a most abject appearance. Its inhabs, are indolent, and the town has no trade, being, according to Russell (Trav., p. 64.) distinguished only by filth and superstition. Salemi occupies the atte of the anc. Halycia. Sir R. C. Hoare supposes that it derives its present name from a Saracen chief of the 9th century. (Classical Tour in Sicily, il. 38.)

poses that it derives its present name from a Saracen chief of the 9th century. (Classical Tour in Sciely, il. 85.)

SALERNO (an. Salernum), a celebrated city and sea-port of S. Italy, in the Neapolitan dom., prov. Principato Citra, of which it is the cap.; at the foot of a hill on the N.E. shore of the Gulph of Salerno, 17 m. S.S.W. Aveilino, and 28 m. S.E. by E. Naples, with both of which cities it is connected by good roads. Lat. 400 (18) of Salerno, 17 m. S.S.W. Aveilino, and 28 m. S.E. by E. Naples, with both of which cities it is connected by good roads. Lat. 400 (18) of the season way up the mountain, give its interior a gloomy appearance, and afford but inconvenient residences; but its situation is most happy, and a marina, or promenade, which skirts its whole length along the shore, was added by the French, and contributes to render its aspect from the sea extremely imposing. There is no port; though a broken mole, affording protection to the smallest vessels only, offers the semblance of such an accommodation." (Crawer's Tour, &c., pp. 369, 370.)

The principal square has a good public fountain, and is surrounded with several Gothic edifices, including the intendency, the new theatre, and the cachedral. The houses are lofty, and the streets paved with lava. Ancient Gothic walls, in tolerable repair, enclose the city; and on the hill above, amid the principal remains of the ancient Salernum, is a ruined citadel. The cathedral, a heavy Gothic structure, is the most interesting of its public edifices. It was erected by the Normans on the site of an ancient building, and is dedicated to St. Matthew, who is said to be buried within its walls. "The afrism, or court before it, is spacious, and surrounded by a portice of antique columns of porphyry, grantie, &c. (said to have been brought from Pæstum 23 m. S.S.E., by Robert Guiscard); upon which the Normans constructed a range of brick arches, bent more after the Saracenic than the Gothic o after the Saracenic than the Gothic or Grecian manner; these support a regular set of apartments. In the centre is a basin of granite, 15 ft. in diameter, constantly filled by a fountain of excellent water. Many excellent sepulchres are placed in the colonnade, and the church contains also some monuments of remarkable personages, as Roger and William, dukes of Apulia, Margaret of Durazzo, and the restless pontif Gregory VII., who died of chagrin at Salerno, in 1085. On each side the entrance of the choir is a pulpit raised upon pillars. Their pannels are formed by rich mosaic of many colours, disposed in knots and stars. The choir is inlaid with square and oval plates of verde-antique, porphycy, and serpentine; the great altar is decorated in the mining with square and oval plates of verde-antique, por-phycy, and serpentine; the great altar is decorated in the same barbarous, but splendid manner." (Swindsrue's Tour, Ii. 119.) Though the cathedral has but few paintings, it has, luckily, an ample supply of miraculous images! There are numerous other churches, one of which is said, but on doubtful authority, to be the burial-place of John of Procida, a native of Salerno, celebrated as the principal contract of the second-market. as the principal contriver of the conspiracy against the French in Sicily, which terminated on the 30th of

March, 1982, in the massacre known by the name of the "Sicilian Vespers," Salerno has two hospitals, a work-"Sicillan Vespers," Salerno has two hospitals, a workhouse, three government pawn-banks, a seminary, a royal lyceum, and a university. To the last belongs a school of medicine, which was once among the most famous in Europe, but which has, for a lengthened period, lost its pre-eminence. But the lyceum in this town is said to be superior to most others in the king-

Salerno is an archbishop's see, the residence of the provincial intendant, and the seat of a superior crisshal court, and of a civil tribunal. Previously to the period when Naples attained to a decided lead among the cities of S. Icaly, Salerno carried on a considerable commerce by sea; that, however, has now wholly disappeared, though it continues to possess a pretty extensive inland trade, and has two large annual fairs.

Its climate is mid; but it is unbealthy from the prozimity of marshes and rice-grounds, the culture of which occupies-many of the inhabs. It is doubful whether the ancient Salurium was contiguous to or at some distance from the sea; but, on the whole, the probability seems to be that it did adjoin the sea, or that it was within such a short distance of it as to justify its being recknoed among maritime towns. (Cellarii, Geographia Antiqua, 1800.) After the fall of the Boman Empire, Salerno became the cap of a flourishing republic, the sovereignty of which was contested by the Greeks, Sarcens, Lombards, and Normans; the latter of whom obtained possession of the city in 1076. Having been mostly burned down by the emperor Henry VI., it subsequently became a sendal possession of the Colomes, Oraini, and Sanseverm if amilies, till it was re-annexed to the royal domains by the emperor Charles V. (Rampodii; Crasecs; Sarisbara.) SALINS, a town of France, dep. Jura, cap. cant., is a narrow valley on the Furieuse, 36 m. N. K. Lonslerstant of the Amongs. The saluring head of the town valley on the Furieuse, a pacible clibrary, good barracks, a theatre, hospital, and prison: these buildings are nearly all new, the town having been almost wholly destroyed by fire in 1833. Salins has several iron-forges, stone works, and brandy distilleries; but its name and principal importance are derived from its brine springs, which were wrought is the time of the Romans. They occupy a large space is the middle of the town, inclosed by turreted walls. According to Hugo, the produce amounts to 140,000 cwtsoff saluring

esihedral, having spicious cloisters, an octangular chapfer-houe, and a tower for a library and muniment room:
there are 2 transepts: each of which has an aisle eastward, and the nave has a large N. porch. The extreme
length of the church (including the Ladye chapel) is estimated at 474 &: treadth of nave and aisles, 78 R:;
height of nave, 20 R:; and width, including the great
transepts, 210 R. Hodern alterations have taken away
the slar-screen, and thrown the Ladye chapel open to
the choir: the organ-acreen, also, as well as a large
portion of the tabernacie-work in the choir, is of modern
construction. The R. window is filled with a beautiful portion of the tabernacle-work in the choir, is of modern construction. The B. window is alled with a beautiful painting on glass of the Resurrection, from the designs of Sir Johan Reynolds; another window exhibits a painting on glass of the Elevation of the Serpent in the Wilderness: there are other painted windows, and in various parts of the church are several ancient monuvarious parts of the church are several ancient monu-ments, some of which are extremely curious. The W. froat is a beautifully enriched specimen of the pointed architecture, peculiar to this church: the angles are ter-minated by tolerably massive equare towers, surmounted by spires and pinnacles; and over the grand central en-trance is a series of canopied arches, beneath the great W. window, which is formed in three divisions. The exterior of the church is enriched with a number of re-resses situated in tiers at different before all round the w. window, which is formed in three divisions. I he exterior of the church is enriched with a number of recesses situated in tiers at different heights all round the building. Many of the statues still remain, and it is supposed that originally there must have been at least 200. The cloisters are remarkably magnificent, forming an exact square, each side of which is 182 ft. in length. The cathedral library is built over the E. side of the cloisters, and adjoining them, in the same direction, is the chapter-house. "On the whole," says Mr. Rickman, "the cathedral presents an object for architectural study hardly equalled by any in the kingdom: the purity of its style and the various modes of adapting that style to the purposes required, deserve the most minute attention." (Rickman's Coldic Architecture, p. 207, 208.) Within the close, formerly surrounded by a wall, and still entered by several ancient gates, deserving admiration, are the residences of the bishop, dean, canons, &c. The deanery-house is opposite the W. front of the athedral; and at a little distance S.R., surrounded by ardens, is the bishop's palace, a very fregular building, different styles of architectures having the nearly several entered in the part of the surrounded by ardens, is the bishop's palace, a very fregular building, different styles of architectures having the nearly several entered in the part of
athedral; and at a little distance S.B., surrounded by ardens, is the bishop's palace, a very frregular building, a different styles of architecture, having been enlarged not repaired at various periods, from the middle of the Sth century down to a recent period. The gardens are a large scale, comprising an area of several scres, well anted with fine, large old trees. The episcopal see was moved from Old Sarum to Salisbury under the authory of a papa buil, in 1217, about which time the catheal was founded, the expense of its erection, exclusive the charter-house tower, and spire being estimated. moved from Old Sarum to Salisbury under the authorly of a papal buil, in 1217, about which time the cathell was founded, the expense of its erection, exclusive the chapter-house, tower, and spire, being estimated 40,000 marks, or 36,667L, an enormous sum in those 2. The chapter comprises (besides the bishop) an, precentor, chancellor, and six canons residentiary, iding among them a net revenue of 2,800L annually, having residences and separate revenue, with the ronage of 18 benefices. There are likewise 31 predictives besides choral vicars, &c. At an average of three years ending with 1831, the revenues of the opric amounted to 3,930L a year; but it either has 1, or is to be augmented to 5,000L a year. The bishop also a large portion of the cathedral-patronage, betthat of 36 benefices; his diocese extends over the few of Wiltshire and a portion of 8hropshire. Salishas three other churches, one of which, 8t. Edits, is in the gift of the bishop, and that of 8t. nas a in the patronage of the dean and chapter. St. and is a perpendicular structure, with large winsand good tracery, the chancel having been moted. The tower fell down, and was rebuilt in the rentury. St. Thomas's is a large perpendicular to of good composition, with its tower standing on side of the 3. asis: thas a nave and chancel, with and a cleristory. St. Martin's is a large church, early English style, with some more recent parts. hurch at Fisherton is small and of mixed archit. The Roman catholics have a handsome chapel; re are places of worship for Independents, Baptwesleysn-Methodists, and Unitarians, with at Sunday-schools. A grammar-school is attached athedral for the instruction of the choristers, and another in the city, founded by Queen Elizathe patronage of the corporation. The bishop a good school; and there is also an orphan and the different parishes have their respective, Infant schools, &c. There are several charlties, rhich may be mentioned that of Bishop Le Poor, rham Bridge; Trinity Hoppital, founded in the Richard I I., for 12 age

s uniform and well-arranged plan. The centre tower and spire (the entire height of which is estimated at 404 ft.) are of later data but admirably accommodated to the style of the building. The plan is that of a complete eathedral, having spacious cloisters, an octangular chapter of the spire of the building. The plan is that of a complete eathedral, having spacious cloisters, an octangular chapter of the spire of the

societies, &c.
A county-gaol has been recently erected in Fisherton, and there is a small, but neat theatre, little patronised, with assembly and concert rooms. A weekly newspaper, called the "Salisbury and Winchester Journal," has a pretty extensive circulation. Races are annually held near the town in August. "The town of Salisbury cannot be considered as increasing, or in a state of improvement, having very little trade. An extensive woollen manufacture was formerly carried on here; but it is now confined to a single factory; and cutlery, for which this town was once famous, is now brought for sale from Birmingham." (Part. and Musicipal Bound. Report.) It has derived very great advantage from being connected with the S. Western Railway by a branch line from Bishopstoke, which passes close by Rumsey.

Rumsey.

Salisbury received its first charter from Henry III.,

Salisbury received its first charter from Henry III., Salisbury received its first charter from Henry III., which was afterwards renewed by several monarchs. According to the Municipal Reform Act, it is divided into 3 wards, and governed by a mayor, 6 aldermen, and 18 counciliors. Quarter and petty sessions are held under a recorder; besides which the assises and quarter sessions for the co. are held here. A court for the receivery of debts to any amount is held monthly by the islably's balliff; and it has a county court, before which 503 plaints were entered in 1848. Salisbury has returned 2 mems, to the H. of C. since the reign of Edward I. the right of election down to the Bergm Act being vested in nems. to the H. of C. since the reign of Edward I., the right of election down to the Reform Act being vested in the corporation, consisting, in 1831, of 56 members. The limits of the parl, bor, were enlarged by the Boundary Act, so as to include, with the old bor, the cathedral close, and certain parts of Fisherion and Milford pars., as before mentioned. Registered electron; in 1849-30, 693, Salisbury is also the chief electron town for the S. division of Wiltshire. Markets on Tuesday and Saturday, with large cattle fairs on alternate Tuesdays. Fairs, Tuesday after Jan. 61, Tuesday after Jan. 61, Tuesday after March 25.; Whit Monday and Whit Tuesday for horses, and Oct. 29, for butter and cheese.

Salisbury owes its foundation to the removal of the ecclesiastical establishment from the once important but now decayed borough of old Sarum, the Roman station of Sorbiodunum, about 2 m. N. from the modern city. but now decayed borough of old Sarum, the Roman station of Sorbiotensum, about 2 m. N. from the modern city. The quarrels between the troops of Henry II. and Roger Le Poor, the turbulent prelate of that day, induced the latter to establish his clergy in a more peaceful and advantageous situation: a city soon arose round the cathedral, and by the influence of the monarchs and clergy, soon became an important place, while the other. fell to decay, and was ultimately deserted by its inhabs. Henry III. granted the city a charter, entitling it to the same privileges as Winchester, and conferring extensive local powers on the bishop of the see. Parliaments were occasionally held here during the 18th and 14th centuries. The city became celebrated, after the death of Charles I., for the abortive attempt of the royalist under Colonel Wyndham, to proclaim Charles II. Two large monasteries existed here prior to the Reformation; but there are no extant remains of these foundations. Among other distinguished individuals to whom Salisbury has given birth, may be specified James Harris, the author of the "Hermes," and of other learned and ingenious philological and metaphysical treatises, born here in 1709. Thomas Chubb, a clever, but not very learned, deistical writer of the last century, was also a native of this city. N.W. from Salisbury stretches the vast tract of downs and heaths, called Salisbury Plain; and about 6 m. N. of the city is the stupendous monument of Stonehenge, which see. (Parl. and Muss. Reports; Rickmass's Architecture, &c.)

SALON, a town of France, dép. Bouches du Rhone, cap. cant., in a fertile plain within about 3 m. of the canal de Creposme, and S m. N. N.W. Marseilles. Pop., in 1846, 4,290. It is divided into an old and a new two, separated from each other by a planted boulevard. It has, according to Hugo, an alt of opulence, of which many

canal as Crapouse, and 28 m. N. N. W. Marsellies. Fop., in 1846, 4290. It is divided into an old and a new town, separated from each other by a planted boulevard. It has according to Hugo, an air of opulence, of which many larger towns are destitute: its streets are regular, and it has many good houses and public buildings; including a church built by the Templars, the par church, with several curious sculptures, town-hall, &c. On a rocky height, at the extremity of the town, is an old castle, now converted into a house of correction (or, according to Hugo, a barrack). It has manufactures of silk twist, hats, soap, and olive oil; and a brisk general trade. The remains of a temple in honour of Tiberius have been discovered here. (Hugo, Dict. Géog., &c.)

SALONICA (an Thessalonica), a celebrated city and sea-port of European Turkey, cap. sandjak of its own name, at the N.E. extremity of the gulph of same name, 185 m. N.N. W. Athens, lat. 40° 30° 47° N. long. 22°, 57° 13° E. Its pop. was estimated by Mr. Walpole at about 42,000, by M. Beaujour at 60,000, and by later,

though, perhaps, less cautious authorities, at 70,000, of whom about three fifths are Turks, and the rest chiefly Jews and Franks, with a few Greeks. Its appearance, when approached from the gulph, is very imposing, as it is seen from a great distance, placed on the acclivity of a steep hill, amid cypress trees and shrubs, surrounded by lofty white-washed walls ascending in a triangular form from the sea, and surmounted by a fortress with seven towers. The domes and minarets of numerous mosques rise from among the other buildings, and, being surrounded with cypresses, give an air of splendour to its exterior.

rounded with cypresses, give an air of speakadar to the exterior.

The circ. of the city walls probably exceeds 5 m.; but, according to Dr. Clarke, "a great part of the space within is void." (vii. 442, 8vo. ed.) Its interior presents the same irregularity, and many of the deformities common to Turkish towns; but, on the whole, as respects eleaniliness and internal comfort, it may contrast favourably with most other places in Turkey of large size and pop. "The houses are generally built of unburned bricks, and are, for the most part, little better than so many hovels." (Clarke.) Those of the principal inhabs., Greeks and Turks, have here, as in Yannina, small areas connected with them, generally occupied by a few trees. The basaars, at the lower end of the town, are very extensive, forming several long, but narrow streets shaded either by trelliese with vines, or by projecting wooden sheds, with branches of trees thrown scross. The dealers are principally Greeks and Jews; and the shops are well filled with manufactured good and colonial produce; but in jewellery, shawls, and the streets shaded either by trellises with vines, or by projecting wooden sheds, with branches of trees thrown zeross. The dealers are principally Greeks and Jews; and the shops are well filled with manufactured goods and colonial produce; but in jewellery, shawis, and the richer articles of oriental dress, they appear inferior. Some of the mosques are worth notice from their size and antiquity, especially two which were formerly Greek churches. Another remarkable edifice, called the Rotunda, after having successively served as a heathen temple and Christian church, has been converted into a mosque: it has evidently been built on the model of the Pantheon at Rome. The cupols is adorned with mosaic work, appearing like 8 frontispleces of fine buildings, and in the dome is a circular aperture, as in that of the Pantheon. A fourth mosque has been formed out of a fine temple of the Thermean Venus. This was originally a perfect parallelogram, 70 ft. in length, and 38 ft. in width, supported on either side by 12 columns of the Ionic order, of the most exquisite proportions. The Greeks spoiled this beautiful building by endeavouring to make it cruciform; but the six columns of the growsor remain; and M. Beaujour says, that if the Gothic disfigurements were stripped off, the original edifice would be found in the highest state of preservation, and would be reckoned one of the finest remains of antiquity. Among the other, of brick encased with marble, in honour of Constantine: on the plers of the latter are some fine groups in bas-relief, having a great deal of spirit. The Augustan gate, however (now called the Vardar gate, because it leads to the river of that name, is said by Dr. Clarke to be a work of superior tasts. Its original height appears to have been 43 ft.; but the lower part, to the depth of 3 ft., is below the present surface: the span of the arch is 12 ft., and the masonry is of squared white marble blocks, having inscriptions and appropriate bas-reliefs. In the middle of the city is amagnificent vinic, calle

factures, and colonial produce), were valued at 90.818. The import-trade of the rayshs, most of whom are Jewa, who purchase by firmans the same commercial privilegel as the Franks, is carried on by credits on Vienna, few of the importers having any capital; and orders to England are commonly paid for by drafts on Vienna, where the charge for credit is at the rate of 4 per cent. per annuan. Goods are generally sold in the interior at an advance of 10 or 14 per cent. on the invoice ocs, leaving a prodit varying from 4 to 8 per cent. for the importer. We subjoin

An Account of the Number of Ships, their Tonnage, and the Value of their Cargoss, that entered and left Salo-nica in 1847, specifying the Countries to which the Ves-

		Entere		Cleared.			
Plags.	the same	Tons.	Value of Cargoes.	Ships.	Toma.	Value of Cargons.	
Rossian -	21	1,361	£9,264	91	1,364	£25,948	
Norwegian .	5	922	2,426	- 6	1,216	9,611	
British	58	12,059	66,652	61	19,516	109,367	
Maltene .	7	1,419	730	7	1,419	15,754	
Prench .	15	2,150	7,773	15	2,150	40,276	
Austrian •	9	1,030	1,459	12	2,292	4,613	
- steamers .	26	5,097	96,342	26	5,097	39,305	
Sardinian -	7.1	10,165	9,215	74	10,618	114,735	
Neapolium -	32	N,815	200	31	8,595	58,616	
Greek -	205	12,655	13,999	207	12,985	45,330	
Turkish -	1.55	11,875	65,764	160	12,374	42,171	
- steamers -	46	11,509	19,299	46	11,509	28,980	
Other count	22	2,974	5*400	25	5,104	21,808	
Totals -	672	82,010	245,125	1789	85,909	522,515	

The intercourse with England was a few years ago principally carried on through Malta by Maltase or Greek vessels; but the trade is now almost exclusively carried on in English bottoms. The ordinary import and export duties are those common to foreign trade in Turkey, vis. 3 per cent. ad subcrem, being farmed by the Porte under 3 per cent. ad sulorem, being farmed by the Forte under certain restrictions to the pacha, or governor of the city. Salonica has no port; but there is excellent anchorage in the roads opposite the town, which, from the configuration of the gulph, are nearly landlocked. Accounts are kept in plastres of 40 paras, or 130 aspers, and the coins are similar to those of Constantinopie (which see). The weights and measures are the same as those of Smyrna, except that the kisson, or corn measure of Salonica, = 3.78 kizlor of Smyrna.

weights and measures are the same as those of Sanyrna, except that the kislox, or corn measure of Salonka, = 3.78 kislox of Smyrna.

The commercial classes consist chiefly of Jews and Franks, the Greek pop. having greatly diminished since the war of independence. Salonka, however, is a metropolitan see, with 8 attached bishoprica, and there are numerous Greek churches. The Jews form an important section of the pop.: they are chiefly of Spanish descent, and obtain a livelihood by commerce and retail trade in the bazaars, those of the lower orders being employed as porters on the quays or in similar offices. The Franks, most of whom reside in the lower part of the fitty, cousist aimost exclusively of French and Germana, who have establishments for the management of the transit trade. The situation is said to be unhealthy, especially in autumn, owing to the vicinity of the marshes at the head of the guiph : intermittent fevers are then exceedingly common, as well as chronic visceral complaints, the result of repeated attacks of those diseases.

Thessalonica was at first an inconsiderable town under the name of Therma, by which it was known to Heroder

Thessalonica was at first an inconsiderable town under the name of Therms, by which it was known to Herosettus, Thucydides, and Eschines. Kerxes stayed here some days with his army (Heros. vil. 128.), and it was occupied for a short time by the Athenians during the Peloponnesian war. According to Strabo (18b. vil.), Casander changed its name to that of his wife Thessalonics, the daughter of Philip, and sister of Alexander the Great. After the conquest of Maccodoria by the Romans it was made the capital of the second of the four districts into which that country was divided; it was the residence of Cicero during a part of the time he continued an estle. Valerian raised it to the rank of a colony; and it had an amphithesire, a hippodrome, and numerous splendid ; and it had an erous splendid

or Creero during a part of the time he continued an exile. Valerian raised it to the rank of a colony; and it had an amphitheatre, a hippodrome, and numerous splendid public buildings. It is also extremely interesting from its connection with the early history of Christianity; having been visited by St. Paul, who made many converts, to whom he addressed the Epistles to the Thessalonians. (Holland's Trasets, Carke's Trasets, Video and Christianity, 1944—478.; Moraing Chromicle for July 14., 1836; Cellarii, Geog. Antigens, 1. 1044.)

SALOF, or SHROPSHIRE, an inland co. of England, having N. Denbigh, a detached portion of Flint, and Cheshire, E. Stafford, S. Worcester, Hereford, and Radnor, and W. Montgomery. Area, 889,520 acres, of which about 790,000 are supposed to be arable, meadow, and pasture. Aspect much diversified. No part of the surface is quite fair; but the great plain of Salop, or Shrewsbury, is comparatively level. It extends, lengthwise, from Whittechurch, on the confines of Chesbire, 5 to Church Stretton, a distance of about 30 m.; and from Oswestry, on the confines of Denbigh, to Colebrook

SALSETTE.

Dale on the E., about 30 m. The Wrekin hill rises out of this extensive plain on its E. side. The S., or rather the S.W. parts of the co., contain several ranges of flatths square-shaped hills, divided by beautiful valleys. Soil various, but generally fertile. In the E. it consists of a red andy loam, like that of Cheshire; in the S., a mixture of elsy and loam is most prevalent; and in the W. there is a good deal of gravelly light soil. The harrest is said to be a fortnight earlier on the E. than on the W. side of the c., a difference depending partly, no doubt, on the greater elevation of the ground on the W. side; but partly, also, on differences of soil. Salop is priacipally under tiliage; but, in the S. and W., broading and dairying are carried on to a considerable extent. A good deal of cheese, sold under the name of Cheshire, but inferior to the graunte article, is made in this co. The wool of the hilly tracts used to be of a peculiarly ine quality, but it has deteriorated during the present entury in consequence of the efforts of the farmers to access the size of the sheep and the weight of the ecce. The total stock of sheep in the co. is supposed excreed 420,000; producing annually above 7,000 packs f wool. Hops are produced on the borders of Hereford, roperty variously divided; some estates being very gre, while there are many of very inferior degree of its. On the borders of Walsa, farms very small, many it exceeding 20 acres; but on the E. side of the co. in e vicinity of Shiffal, Wellington, Newport, &c., they typ from 100 to 500 acres or more. st exceeding 20 acres; but on the B. side of the co., in evicinity of Shiffnal, Wellington, Newport, &c., they ry from 100 to 500 acres or more. The district of Clun Forest, in the S.W. part of the ... is divided into small freehold properties, varying in the from 5t. to 180t. a year, the majority being of the aller class. Their occupiers, who, in most cases, are o the owners, employ few labourers, the principal to the work on their farms being executed by themes and their families. Leases less common now no formerly, and farms generally held from year to r. Agriculture improving; but, owing to the want cases of a reasonable length, and with proper conns as to management, it continues to be very delive. The number of corn crops, taken in succession, been materially diminished since 1820; but two at crops still not unfrequently follow each other, se remarks do not, however, apply to the district on E. side of the co. mentioned above; where the sare large; for there the tenants are active and ensistely cultivated, and, for the most part, in drills; that grown. Cattle of mixed breed, and rather in-Pork and bacon much used by the people. Large sof turkeys raised by some farmers. Drainage in places much wanted. Avvarse rent of land, in s of turkeys raised by some farmers. Drainage in places much wanted. Average rent of land, in 24s, bd. an acre. Principal mineral products, iron, lead, limestone, and freestone. With the exception Wales, Staffordshire, Lanarkshire, Derbyshire, and numberland, more iron is made in this co. than in

tons in 1848. The furnaces are principally in rook Dale, between Wellington and Willey. Excichins ware, and a very superior species of pottery, ade at Coalport on the Severn and its vicinity: nails, &c., are made at Broseley; carpets at orth; gloves ext. Molow, &c. Some branches of nnel manufacture are carried on in Shrewsbury neighbourhood; but by far the largest portion of nnel sold in its markets is brought from Meand Denbigh. The Severn, which becomes nat Foole, co. Montgomery, traverse this co. in a frection, dividing it into two not very unequal; and it is besides interacted by very importules. Roads formerly very bad, but now a good rovved, though still susceptible of much amelior-Salop is divided into 15 hundreds, or districts ble to that denomination, and 216 pars. It remems, to the H. of C., viz. 4 for the co., and 2 the borz. of Shrewsbury, Bridgnorth, and Wen. I for Ludlow. Registered electors for the Co., 10, 8,077, of whom 4,632 were for the N., and the S. division of the co. In 1841 Salop had habited houses, and 239,048 inhabs., of whom rer males, and 118, 1983 females. Sum expended elief of the poor, in 1848-49, 99,366. Annual call property, in 1818, 1,083,7032.; do., in 1843, 5.T.T.E., sm island on the W. coast of Hindostan.

her co. of the empire; the Salop furnaces having ced above 73,000 tons of iron in 1830, and about tons in 1848. The furnaces are principally in rook Dale, between Wellington and Willey. Ex-

tTTE, an island on the W. coast of Hindostan, ungabed, immediately N. of Bombay island, ch it is connected by a narrow causeway, m., with an average breadth of about 13 m. ly estimated at 50,000, about 1-8th of whem ortuguese Christians. There are two towns nd., Tammah and Gorabunder; the first being our ishing, with a small fort, several churches, iderable British cantoament. The more relior parts of the island are inhabited by villing no intercourse with the Hindoos of the wino being occupied as burners of charcoal,

bring it down to particular spots, whence it is carried, away by dealers in the article, who deposit in its place a payment, settled by custom, of rice, clothing, and iron tools.

The most remarkable objects of Salsette are the cave temples of Kennery, among the most remarkable Buddhic excavations in India. They are of various sizes and forms, being scattered at different elevations over both sides of a high knoll, belonging to a range of hills which divides the island into two nearly equal parts. The largest, and most remarkable cave, bears a great resemblance to that of Carlee (which see I. 539.), and was largest, and the control of Carlee (which see I. 539.), and was blance to that of Carlee (which see I. 539.), and was converted by the Portuguese into a church. It is entered through a fine and lofty portico in front, a little to the left hand of which is a detached octagonal pillar, surrounded by three lions scated back to back. On either left hand of which is a detached octagonal pular, sur-mounted by three lions seated back to back. On either side of the portico is a colossal statue of Budh, nearly 20 ft. in height. The screen which separates the ves-tibule from the temple has in its centre a large door, above which are three windows in a semicircular arch; above which are three windows in a semicircular arch; elsewhere, it is covered with carved figures. The apartment within is 01½ ft. in length, and 36 in breadth, semicircular, and surrounded on every side, but that of the entrance, with a colonnade of octagonal pillars. Of these, 12 on either side nearest the entrance have carred bases and capitals; the rest are not finished in this manner. In the semicircular end is a dome-shaped rock, the daygos of Buddhic temples, traditionally said to have once supported the tec, or sacred umbrella. The roof, like that of the Carlee temple, is a semicircular arch, supported by slender ribe of teak-wood. The various other caves in this hill are square, or flat-roofed, and attached to many are deep and well-carved cisteria, There are other cave-temples in the island, at the villages of Mompester, and Ambowlee; and at the former are ruins of a very bandsome Portuguese church and Jesult monastery. Forbes; Lord Valentia; Heber, &c., to Mod., Tras.)

are ruins of a very bandsome Portuguese church and Jesuit monastery. (Forbez; Lord Valentia; Heber, &c., is Mod. Tras.)

BALTA, a city of S. America, cap. of the prov. of its wown name, republic of La Plata, on the high road from Buenos Ayres to Potosi, 830 m.N.W. the former city to 9.000. "Upon the whole it has a neat appearance, and boasts of a cathedral and many churches. It is, however, badly situated in the bottom of a valley, through which flow the rivers Arias and Silleta (tributaries of the Salado); the latter of which has, of late years, abandoned its ancient bed, and seems to threaten, at no distant period, to burst over the low marshy grounds upon which the city stands." (Parish's Burnos Ayres, p. 272.) its air is unhealthy; but its vicinity abounds with wheat, rye, cattle, &c., in which, and in salt, wine, hides, and mules, the city has an active trade. It was founded by Don Philip de Lerma in 1882.

SALTAS H, a decayed bor., market-town, and par, chapelry of England, co. Cornwall, S. div. hund. of East, I? m. S. B. Launceston, and 4 m. N.W. Plymouth. Pop. of bor., in 1841, 1,541. It stands on a steep rock, near the Tamar, from which the principal street runs at right angles, the houses rising one above another to the bill-top, on which stands the chapel and town-hall. The latter is supported by pilars, the open space beneath being used for a market. Streets marrow and ill-built; the houses being, for the most part, little better than cottages, though chiefly of stone from the rock on which the town stands. The chapel is small; and the living is a curscy subordinate to the vicarage of Worship for Dissenters, with attached Sunday-schools, of worship for Dissenters, and the living is a curacy subordinate to the vicarage of St. Stephen, value 461. a year. There are also two places of worship for Dissenters, with attached Sunday-schools, and there is a small free-school. Saltash, which appears to have been formerly of more importance than at pre-sent, is principally inhabited by flahermen, or persons connected with the docks and shipping of Devonport; and in summer is a favourite resort for holiday-people from Piymouth and the surrounding neighbourhood. It is likewise one of the chief entrances into Cornwall from Devonabirs, and is amproached by a ferry were the Te-

from Plymouth and the surrounding neighbourhood. It is likewise one of the chief entrances into Cornwall from Devonshire, and is approached by a ferry ever the Tamar, the revenues of which belong to the corporations. Saitash was made a free bor. In the reign of Henry III., and returned 2 mems to the H. of C. from the reign of Edward VI. down to the Referm Act, by which it was disfranchised. It was considered of too little importance to be included in the provisions of the Municipal Referm Act. Markets on Saturday: fairs, Feb. 2, July 25., and the Tuesday's before each quarter-day.

BALTCOATS, a sea-port town of Scotland, co. Ayr, partly in the par. of Ardrossan, and partly in that of Stevenston, 3d m. S. W. Glasgow, and about 1 m. S. Ardrossan. Pop., in 1841, 4328. It has some good houses; but, on the whole, is indifferently and irregularly built, and mean looking. It has a town-house, with a handsome spire, clock and bell. Its name is derived from the sait-works, established in the town for the production of sait, by the evaporation of sea water; but since the repeal of the duty on sait, they have been nearly abandoned. Magnesia, however, still continues to be produced to some extent. The pripagial

dependence of the inhab. is on the weaving and sewing of muslins, for the Glesgow manufacturers. There may, and the ambassadors of Nicephorus, emperor of the finall, he about 500 looms so employed; principally on lappets, gauxes, shawls, trimmings, silks, &c. About 500 looms so employed; principally on lappets, gauxes, shawls, trimmings, silks, &c. About 500 looms so employed; principally on lappets, gauxes, shawls, trimmings, silks, &c. About 500 looms so employed; principally on lappets, gauxes, shawls, trimmings, silks, &c. About 500 looms so employed; principally on lappets, gauxes, shawls, trimmings, silks, &c. About 500 looms so employed; principally on lappets, gauxes, shawls, trimmings, silks, &c. About 500 looms so employed; principally on lappets, gauxes, shawls, trimmings, silks, &c. About 500 looms so employed; principally on lappets, gauxes, shawls, trimmings, silks, &c. About 500 looms so employed; principally on lappets, gauxes, shawls, trimmings, silks, &c. About 500 looms so employed; principally on lappets, gauxes, shawls, trimmings, silks, &c. About 500 looms so employed; principally on lappets, gauxes, shawls, trimmings, silks, &c. About 500 looms so employed; principally on lappets, gauxes, shawls, trimmings, silks, &c. About 500 looms so employed; principally on lappets, gauxes, shawls, trimmings, silks, &c. About 500 looms so employed; principally on lappets, gauxes, shawls, trimmings, silks, &c. About 500 looms so employed; principally on lappets, gauxes, shawls, trimmings, silks, &c. About 500 looms so employed; pand the ambassadors of Nicephorus, end the ambassadors of Nice

end Stewerston.)

SALUZZO (Fr. Saluces), a city of the Sardinian dom., div. Coni, cap. prov., at the foot of the Alps, on an affinient of the Po, 30 m. S.S.W. Turin: Pop., in 1838, 14,456. It consists of two portions, one on the summit and declivity, and the other at the foot of a hill. The upper town is walled, tolerably well built, and has a tastle, which was, for three centuries, the residence of the Marquises of Saluzso; one of whom, between 1478 and 1480, constructed the gallery through the Col de Viso. (Marray's Handboot for Piccincont, 344.) The lower town is the more populous, and continues on the increase. The cathedral, a handsome building, is in a vuburb. Saluzzo has several convents, an intendency, a

1478 and 1480, constructed the gallery through the Coi eViso. (Marrags's Handbook for Piccasons, 344.) The lower town is the more populous, and continues on the increase. The cathedral, a handsome building, is in a suburb. Saluszo has several convents, an intendency, a court of primary jurisdiction, and a royal college. It is a bishop's see. Its chief manufactures comprise silk, leather, hats, and hardware: and it hus some trade in wine, corn, and cattle. Under the French, Saluszo was the cap. dep. Stura. (Rampoldi, Coug., 3c.)

SALZBURG, a city of Upper Austria, cap. of the sire., as it formerly was of an archbishopric of the same name, on the Saluszo ha tributary of the Inn. 67 m. 6. W. Linz, and 70 m. E. S. E. Munich. Lat. 47° 48′ 10° N.; long. 13° 1° 20° R. Pop., in 1848, about 12,000, having decreased considerably since Salzburg ceased to be the cap. of an indep. territory. The Salzach, which here flows impetuously between two masses of rock, divides the city into two portions, connected by a stone bridge, 370 ft. in length. It is walled, and entered by eight gates; and on a lofty point, commanding the town and adjacent country, is the Hornsalzberg, formerly the feudal citadel and residence of the prince-archbishops, but now used as a barrack. On the opposite side of the viver is the Capacinerberg, a similar height, surmounted by the Capuchin convent. Owing to the number of its churches, the profusion of marble statues, and flat-roofed houses, Salzburg has the aspect of an Italian city. According to Turnbull, one of the principal hotels, which, lie says, forms a fair specimen of the general style of stone." Generally speaking, the city is dull and gloomy, and its streets narrow, irregular, and grass-grown. The cathedral, constructed in the 17th century, on the plan of St. Peter's at Rome, is large and imposing, and has numerous monuments, sculptures, paintings, and other works of art. It has a fine facede of white marble, occupying the whole side of a public square, with three entrances, flanked by two row musical composer, who, as well as Mozart, was a native of Salzburg. The Mirabel palace is a handsome modern edifice. One of the greatest curiosities in the city is a gateway or tunnel, 420 ft. in length, cut through the solid rock (Spencer), though for what purpose we are not

solid rock (Spencer), though for what purpose we are not informed.

Salsburg has a military and three civil hospitals, several charitable institutions, a government pawn-bank, and a prison. It had formerly a university; but this is now reduced to a lyceum of two faculties, medicine and jurisprudence, with a library of 20,000 vols., and probably of 120 MSS, some of the 8th and 9th centres, a botanic garden, soological museum, &c. In the Benedictine convent is another extensive library, with collections of coins, &c. It has, also, a gymnasium, Ursuline female school, a spacious public cemetery, a public museum, and a theatre. Salsburg is still the residence of an archbishop, who has five suffragans; and is the seat of the superior courts for the circle, &c. It has manufactures of cotton yarn, leather, starch, gunpowder, iron wire, and files, and some transit trade, though this has very much diminished. It is well and eheaply supplied with provisions; but the prevalence of goffer is a drawback to its advantages. All travellers agree that it is hardly possible to exagerate the rowshite beauty of the scenery of the neighbourhood.

Salsburg is supposed to occupy the site of the anc. Jentre of the senery of the neighbourhood.

many Chinese and some Europeans. It is tolerably well built, and is fortified with ramparts and a wet ditch, capable of resisting a native force. It has many good nouses, a large church, town-hall, and hospital, a nalitary school, theatre, and observatory. Before it is a deep morass, and it communicates with the sea only by two raised causeways and the river: it is, however, less unhealthy than the lower parts of Batavia. Provisions are character and next to town are more control to the control of the sea only by the control of the control unneathy than the lower parts or matava. Provinces are cheap; and near the town are many country houses.
"The river, or rather creek, is very shallow, and cannot be entered by loaded boats at low water. The roads are "The river, or rather creek, is very shallow, and cannot be entered by loaded boats at low water. The roads are also exceedingly insecure; the town owes its insportance, therefore, solely to the industry of the natives in the adjoining districts, who raise large quantities of coffee, pepper, and rice. Many ship-loads of the latter are annually exported to China, and to different countries in the Archipelago." (*Barl's Eastern Seas, p. 42.) Semarang is the seat of one of the three civil and criminal courts, and courts martial in the island, and the residence of a governor with extensive authority.

SAMARCAND, a city of indep. Tartary, in Bokhara, on the Sogd or Zer-Afchan, 120 m. E. Bokhara, lat. 289 28 N., long. 689 50 15" E. Pop., according to Sir A. Barnes, about 10,000. The out-works are said to be about 30 m. ncirc., enclosing gardens, parks, fields, and extensive

N., iong. 63° 90° 18" E. Pop., according to set a neuruse, about 10,000. The out-works are said to be about 30 m. in circ., enclosing gardens, parks, fields, and extensive suburbs: the inner wall surrounding the city is of earth, and has four gates. Samarcand has the appearance of having been magnificently built; but it is now in a decayed condition, and gardens, fields, and plantations, occupy the place of its numerous streets and mosques. There were formerly upwards of 200 mosques, many of which were of white marble; but most of these laws become mere ruins. Of the 40 metresses, or lifebammedau colleges, only three are perfect, one of these forming the observatory of the celebrated Ulug Beg being extremely handsome, ornamented with brease and enamelled bricks. Another college, called Sheredar, is likewise of very beautiful architecture. The tomb of the famous Timour Bec, or Tamerlane, and his family, still remains; and the ashes of the emperor rest benesth a lofty dome, the walls of which are superbly adorsed with jaspar and agate.

Samarcand has several bazars, and three large khans; but its commercial importance is all but extinguished; so the caravan-traders, as well as the modern capital of the country. The ancient city, however, is still regarded which high veneration by the people, and till a king of Bokhara has annexed Samarcand to his rule, he is not viewed as a legitimate sovereign: indeed, its possession becomes the first object on the demise of one ruler and the accession of another. Paper, made of silk, is said to have been early manufactured at Samarcand; but ordinary paper is now supplied from Russia. The situation of the city has been deservedly praised by Asiatics, since it stands near low hills, in a country elsewhere plain and level. The climate is dry and healthy; good water is supplied from a great number of fountains, communicating by pipes with the river, and the neighbourhood furnishes abundance of fruit, and other supplies for the market.

Samarcand, which was taken in 1220 by Jenghisin circ., enclosing gardens, parks, fields, and extensive suburbs: the inner wall surrounding the city is of earth,

has several R. Catholic and United Greek churches, an hospital, a criminal tribunal, mining court, salt intendency, gymnasium, &c. Its inhalts are employed partly in the manufacture and blesching of linens, and partly in making salt. Rhubart is cultivated in the neighbourhood. (Ocsterr. Nat. Enege.)

SAMOS, a famous island of the Ægean Sea, now belonging to Turkey, off the W. coast of A-la Mimor, from which it is separated by the narrow strakt called the

Little Borhan, only 2 m. nerroes. It has on the N. the Gulph of Scala Nova, is about 30 m. in length, R. and W., by about 5 or 9 in mean breadth; J. Mount Kerkl, on its W. extremity (an. Castabastes, from its collecting clouds Gulph of Scala Nova, is about 30 m. in length, R. and W., by shout 8 or 9 in mean breacht; Mount Kerkt, on its W. extremity (an. Casadestes, from its collecting clouds and geosenting hunder), being in lat. 37° 42′ 48″ N., long, 39° 39° 31″ B. The pop. was estimated by Tournefort at 12,000; Mr. Turner, a later, though inferior authority, estimates it at 60,000; but this, we have little doubt, was decidedly beyond the mark, even at the time when it was framed; and since the revolution in Greece, there has been a good deal of emigration from the island. A chain of mountains runs from one extremity of the island to the other: most of them are covered, as in antiquity, with forest of eaks and other timber, though in parts they are precipitous and bare. Tournefort says that they consit principally of white marble. It has several pretty extensive valleys, especially on its S. shore, which, being well watered by streams from the hills, produce, even with the most deficient culture, excellent crops of whest and other grain, with olives, figs, oranges, and other fruits, wine, silk, cotton, &c. In antiquity it was chen, also, cultivated with the utmost care, and the walls still exist which were built to form the sides of the mountains into terraces, and to facilitate their culture. (Tournefort, i. 407.) It still continues to be the most productive island of the Archipelago. It annually exports considerable quantities of corn; from 35,000 to 30,000 cantars grapes, and about 15,000 barrels raisins. The, only thing which Strabo did not admire in Samos was its wine (lib.tiv.); but Tournefort asys that when properly made, its muscadel wine is very superior. Perhaps it was not produced in antiquity. Oil and valonia are also considerable articles of export. Wolves and other wild animals occasionally commit ravages among the oxen and sheep; poultry are excellent, and partridges exceedingly abundant. Exclusive of marble, it is said to furnish iron, lead, and even the precious metals.

Having voluntarily surrendered to the Turks, t

Having voluntarily surrendered to the Turks, this island has been less harably treated by them than most others in the Archipelago. It, however, scalously espoused the cause of the other Greeks during the revolutionary struggle; and, though it was assigned to the ultima by the treaty which recognised the independence of Greece, the inhab, refused at first to submit to his filters. Previously to this event, the government of the sland was substantially vested in three primates, chosen y the inhabs. But this, if we may believe Mr. Turner, y whom the higher order of Samians are called "the lost unprincipled miscreants in existence" (iii. 110.), would seem to have been no great boon. Besides being appressed by the agents of the Sultan and the Primates, it island has, also, been fieceed by a swarm of Caloyers, apas, and other Greek priests, whose only claim to live the public expense is, that they are able to repeat mass m memory. A considerable sum is remitted to the hop of Nicaria for his important service in blessing, ce a year, the water and cattle of the inhabitants!

osmacjors, 1. 405.)
I'he present cap, of the Island, called Khora, or Mei-khora, is on its S. side, about 2 m. from the
, on the lower extremities of a mountain, on the
ent of which the citadel of the ancient city was stuon the lower extremities of a mountain, on the ent of which the citadel of the ancient city was situal. Though not without some good houses, it is a erable town, having stony, steep, unpaved, and hardly sable streets. Vathi, on the N. side of the island, is nor than Khora, and has an excellent harbour; but it, is a wretched place, with streets from 6 to 8 ft. in th, execrably paved and steep. (Terrare, ili. 107.) In it is the present state of an island that, in antiquity, one of the most famous in the Egean Sea. Sames rattained to great distinction. She was one of the powerful of the states belonging to the lonian con-racy; and was able, by means of her fleets, to maintain ndependence after Crosus and Cyrus had reduced the so of lonia, on the Continent. The city of Samos, on i. shore of the island, was extensive, and populous, gly fortified, and adorned with many noble public ings. Among the other great works executed by the ans, Herodottus specifies a tunnel, which they had at through a mountain, to convey a supply of water to try; an immense mole, constructed for the security harbour (of which the remains still exist), about in height, and which advanced in a curved line 4 m. into the sea; and the largest temple of which ferodotus) had any knowledge. (Herod., lib. iii.

temple to which the venerable historian alludes dicated to Juno, and stood a little to the W. of the sar the Imbrasus. The island, indeed, was espeacred to Juno, and was supposed to have been the of her birth, and where she espoused Jupiter. says Virgil, speaking of Carthage, where the Godd also a temple—

Quarm June fertur terris magis omnibus unam

The statue of the goddes in this temple was very succeed, having been the work of Smills, a contemporary of Desdalus. Among other statues in and near the temple, were those of Jupiter, Minerva, and Hercules, by Myron, one of the most celebrated sculptors of antiquity. Mark Antony carried off these statues to Rome; but Augustus made those of Minerva and Hercules be returned to Samos, retaining only that of Jupiter.

Jupiter.

The Harrean games, instituted in honour of June,

The Harrean games, instituted in honour of June, The Harran games, instituted in honour of Juno, called by the Greeks Hes, were calebrated here with extraordinary splendour. Like other great temples, that of Juno was an asylum for all who implored the protection of the goddess; and Tacitus notices the arrival of depaties from Samos, at Rome, praying that the extration Asyli jess might be confirmed. (Amed., iv. cap. 14.) The subsequent history of this famous edifice is but little known. It has, however, fallen a serifice to the ravages of time, or of barbarians, or both. When visited by Tournefort, more than a century age, nortices of two Tournefort, more than a century ago, portions of two
columns were all that remained standing.

Among other things Samos was famous in antiquity

for its pottery, which was everywhere in great request and the art of manufacturing it is even said to have beel discovered in this island.

discovered in this island.

The government of Samos experienced the mutations common to the governments of most Greek states. Originally it had kings, who were superseded by a mixed government, including sometimes to democracy, and sometimes to oligarchy; while occasionally it was subject to tyrants. Of the latter, the most celebrated is Polycrates, who attained to the sovereignty in the 6th century R.C. His object seems to have been to retain the government partly by force, partly by congaging them in schemes of foreign conquest. (Mittors's Greece, i. 480.) At a period subsequent to the death of Polycrates, who was invelgled and crucified by the satrap of a neighbouring province, the Samians were stacked by the Athenians, under Pericles; who, after an obstinate struggle of 9 months' duration, succeeded in reducing their city; and at a somewhat later period it received a colony from Athens. During the contest between Mark Antony and Augustus, Samos was, for a while, the their city; and at a somewhat later period it received a colony from Athena. During the contest between Mark Antony and Augustus, Samos was, for a while, the head quarters of the former and of Cleopatra, who kept court here with more than regal magnificence. After Augustus had become the master of the Roman world, he passed a winter in this island, which he restored to its freedom, and at the same time conferred on it other marks of his favour. It afterwards became subject to the Greek emperors; and finally, in the 16th century, to the Turk, under whose brutalising sway it has been reduced to the miserable state in which we now find it.

Of the many illustrious individuals that Samos has

SANDWICH.

Sences in Sana appear to be furnished with fountains. There are about 30 mosques, very claborately adorned, many having their domes gilt; especially those in which are the tombs of the Imams. The public baths are both numerous and good: they are on the same plan as those of Egypt, and "a favourite resort of the merchants, who meet here to discuss the state of trade, and then news of the day over their cup of keshr, and their news-falling hookah."

A part of the city is appropriated to the Jews, who amount to about 3,000. Each pays about a dollar a year for permission to reside; and a sheikh is appointed, who is responsible for the regular payment of this impost, and of the heavy taxes laid upon their vine-yards, gardens, &c. The Jews subsist chiefly by the sale of silver ornaments, gunpowder, and spirituous ilquors, and many by working as common artisans, such as shoemakers, &c. There are also many Hindoos among the population, who, like the Jews, are obliged to conesal as much as possible the property they possess, for fear of exaction. The Mohammedan merchants are generally wealthy, and live in good style. The principal trade of Sana is in coffee, the city being in the heart of the coffee country of Yemen. The article is brought into the market in Dec. and Jan.; and considerable unantities of it are retained in the warehouses. It is, however, little used for home consumption, the favourite beverage being keshr, an infusion of the husk. The coffee-husk accordingly fetches here the higher price of the two, from 4 to 12 dollars per 100 lbs. being paid for it. Very fine silk goods, spices, sugar, &c., are exposed for sale in the bazaars. The imports are principally piece goods and Persian tobacco; with dates, and a great request, and is principally or wearing. Glass is in great request, and is principally or the subscription library, a saving's bank, and other schools, a subscription library, a saving's bank, and other schools, a subscription library, a saving's bank, and other schools, a subscription

The import duties at Sana are so slight as to be almost nominal.

The climate is too dry to be healthy; rain seldom falls, and famine appears to be a frequent result. Some inscriptions, supposed to be in the ancient Himyari character, have been discovered here (see Grog. Journal, vin. 267.), but travellers have hitherto found few, or no other antiquities. The greater part of the fortifications, and an aqueduct now ruined are said to have been the work of the Turks, who held the sovereignty of the country till about two centuries ago. (Cruttenden, is Geogg. Journal, viii.; Nichukr, Voyage en Arabie, &c.)

SANDWICH, a cinque-port, mun. and parl. bor. of England, co. Kent, lathe St. Augustine, hund. Eastry, on the Stour, about 2 m. from its mouth, and 65 m. E. by St. London. Area of town and port, 1,500 acres. Pop., in 1841, 2,913. The parl. bor. however comprises, with the loregoing, the pars. of Deal and Walmer, and the extra-parochial hamlet of St. Bartholomew, having an agyregate area of \$8.10 acres, and a pop., in 1841, of 11,194. Sandwich is divided into the three pars. of St. Mary, St. Peter, and St. Clements. It is washed on the N.B. by the river Stour, and surrounded on every other side by a dyke, the remains of its old fortification. It is irregularly built, and has a more ancient appearance than, perhaps, any other town in the county. The streets are well paved, and lighted, and the inhabs. are supplied with excellent water from the river, and from a spring which rises near the Eastry, and is brought to the town by a canal, 3 m. in length. St. Clement's church is a spacious building, with a massive tower of Norman architecture rising from four semi-circular arches in the centre of the building, and supported on atrong plers. In some parts canal, 3 m. in length. St. Clement's church is a spacious building, with a massive tower of Norman architecture rising from four semi-circular arches in the centre of the building, and supported on atrong piers. In some parts it is curiously ornamented. The living is a vicarage, with a nest income of 310. a year. St. Mary's is also a vicarage, worth 117t. a year nest. Both the foregoing pars, are in the gift of the archdeacon of Canterbury. St. Peter's is a rectory, in the gift of the crown and the corporation of Sandwich alternately, worth 14tf. a year nest. There are places of worship for independents and Wesleyans; two hospitals, one founded in the 12th centery, and accommodating if residents, who must be freemen; the guildhall, built in 1579, and a new house of correction, comprise mest of the remaining public buildings. The free grammar school of Sandwich was founded in the reign of Elizabeth, and received considerable endowments in lands in 1563. Its governors are the mayor and corporation: it has four scholarships in Lincoln College, Oxford, of which two are in the appointment of the governors of the school, and two in that of the rector and fellows of the college; and four in Calus College, the governors of the school, and two in that of the rector and fellows of the college; and four in Caius College, Cambridge, nominated in a similar manner. It has, also, a national school and other charities. The town has been for several years in a depressed and declining state. It has no manufactures, and its trade is trifling, consisting principally in the importation of coal for the use of the town and neighbouring country. The scheme of the town and neighbouring country. The scheme of straightening the course of the Stout to the sea so as to form a canal, has been abandoned for want of capital and enterprise. (Mussic. Bossed. Rep.)

Sandwich was first incorporated by Edward III. Its corporation consists of 4 aldermen and 12 councillors,

of cottons, and on the sewing and embroidery of mealing for the Glasgow manufacturers. There is an extensive carpet manufacture at Crawick Mill, about 1 m. from the town.

Sanquhar seems to have derived its origin from its fise old castle, now in ruins. This, which formerly belonged to the lords of Sanquhar, having been purchased in 1820 by an ancestor of the last duke of Queensberry, because, on the demise of the latter, with other vast possessions in Dumfriesahire, the property of the family of Buschengin in the control of the latter, with other vast possessions in Dumfriesahire, the property of the family of Buschengin in the control of the latter, with other vast possessions in Dumfriesahire, the property of the family of Buschengin in the control of the latter, with Dumfries, Annan, Lochmaben, and Kirkendbright in sending 1 mem. to the H. of C. Registered electors, in 1849-50, 51. Corporation revenue, in 1848-8, 1861. Counciliors, 17. (New Statistical Account of Sections, art. Sangushar; and Official Returns.)

SANTANDER (an. Fortus Blendium.) a city and seaport on the N. coast of Spain, cap. prov. of its own name on the W. side of the bay of the same name, running into the Bay of Biscay, 50 m. W.N.W. Bilton, Pop., acc. to Miffano, 18,716. It is built on the slope of a hill, and has wide streets lined with tolerably respectable houses, the principal public edifices being the cathedral, 2 par. churches, and 3 hospitals. Few of these, however, possess any architectural merit; and Captain Cook, an intelligent traveller, states, that Santander is almost the only place in Spain of similar magnitude, where no artist in any department has left a thriving town, however, with a considerable number of new house, very unusual in Spain; and it is the chief sea-port of Old Castile, it having been the principal elect of the government for some years back to make it one of the principal marts for the supply of fuel. The has a large trade with Caba, to which it sends the wheet of Castile, large mills being erected in the

a few portions of its old walls remains. It is well built, and has some good public edifices; but those are much neglected, and several have almost fallen to ruin since the removal of the court to Lisbon, in the 18th century.

seglected, and serveral have almost fallen to ruin since the removal of the court to Lisbon, in the 18th century. Besides numerous churches and convents, Santarem has several hospitals and asylums, and two Latin schools; and it is the seat of the Fatriarchal seminary, the highest ecclesiastical establishment in the kingdom. Its envirous are fertile, and well cultivated, and it has an active trade with Lisbon. (Dict. Glog., &c.)

SANTORINI (m. Thera), an island of the Ægean Sea, belonging to the S. Cyclades, 55 m. N.N.E. from the nearest point of Crete, Mount Sr. Elias, the highest point of the island, being in lat. 36° 20° 40° N., long, 25° 20° 40° E. Pop. 12,000. This island is shaped like a crescent, or rather hore shoe, the concave side to the W., forming a bay, sheltered by the islands Therasia, Aspronial, &c. The island has a dismal appearance from the sea, consisting wholly of black volcanic rocks, without wood, rivers, or rivulet; but it has, notwithstanding, some very fertile districts, the decomposed volcanic rocks and sales supplying a fruitful soil, which being carefully cultivated, produces corn, cotton, and large supplies of wine. The inhab, have no water, other than that which they collect in cisterns; and the calcined rock, being of a light consistency, the houses are rather excavated in it than built. Pyrogo in the centre of the island, near the seat of the ancient Thera, and Scaros, on the coast of the bay, are the only towns of any consequence. The inhab, are very industrious; and have sustained little other inconvenience from the Turkish foundinon except that of paying the tribute due to the Porte.

iominion except that of paying the tribute due to the Porte.

It was the general opinion of the ancients, that this sland, and others in its vicinity, had been thrown in from the bottom of the sea; and Pliny says that his event occurred in the 4th year of the 188th Olymidd. (Hist. Nat. lib. il. cap. 87.) No doubt, however, his date is erroneous; as it appears from Herodotus, hat the island was inhabited 1,360 years a. C., or 1313 sars before the epoch assigned by Pliny for its appearace. (Herod., lib. iv. caps. 147, 148. and 161.) Probly, unless the date given by Pliny be vitiated, he may ive referred to some eruption that had occasioned an ilargement of the island. The convulsions of which it as anciently the theatre, have not been suppended in ore modern times; a new island having been thrown near its coast in 1878, and another in 1707, each being ecoded by a violent volcanic eruption. In remote anuity it was called Casiliste, or the beautiful, an epithet it newer could have been applied to it, had its appearace then been at all like that which it now exhibits. e ruins of its ancient city, Thera, on the hill now led St. Elias, evince its extent and magnifernee. maraford, 1, 251., &c.; Somsinis's Greece and Turkey, &c. Eng. trams.; Herodote per Larcher; Tab. g., art. Thera, &c.)

An TOS, a town and sea-port of Brazil, prov. St. In a low and unhealty situation on the N. side of

wracfort, l. 261., &c.; Sommin's Greece and Invery, &c. Eng. trans.; Herodote per Larcher; Tab. g. art. Thera, &c.)

ANTOS, a town and sea-port of Brazil, prov. St. l, in a low and unhealthy situation on the N. side of island St. Vincent, 35 m. S.S.E. St. Faul, lat. 67 13° S., long. 46° 0' 18° W. "Santos is a place maiderable trade, being the storehouse of the great sincy of S. Paulo, and the resort of many vessels ng to the Rio de la Piata. It is tolerably well built; its pop., consisting chiefly of merchants, shopers, and artificers, amounts to 6,000 or 7,000." oc. p. 83.) The pop. has, however, increased maly since the publication of Mawe's work. Several its flowing from the mountains unite in one great a little above the town. The port is formed by the tent and the island St. Amaro. There are two loces, but that of the S. is also navigable by large s; the other, which is formed by the river Berbeing st only for small craft. The harbour admits of large burden, which are sheltered from all winds those from the S. S. W. round to the S. E. A a not absolutely necessary on entering. "In adginto the river Bantos, you will have 10, 9, 8, and ms water, until you near the bar, upon which re only from 4½ to 5 sthoms: the entrance is narit the starboard side is much the boldest, and has miss water close to the shore. After passing the serva-arasede, the water deepens to 15 and 16 it the starboard side is much the boldest, and has bons water close to the shore. After passing the arra-grassde, the water deepens to 15 and 16; within 12 fathoms of the shore. The best uge will be abreast nearly of the centre of the 2 fathoms, on a bottom of mud. Provisions are it, and good water may be obtained by sending bout 7 m. farther up the river." (Bassic's Sailing was.) The part called the Narrows is defended

th the commerce of Santos will not bear to be d with that of Rio or Bahla, it is very consideragar is the great article of export, but the shiplit have latterly been decreasing. The imports ar to those of Rio, which see. Being, as it were, of St. Paul's, an extensive intercourse is carried the latter. We subjoin

An Account of the Exports of Sugar from 8 during the three Seasons ending with 1839-40.

Shipped for	1839—1840.	1838—1839.	1837—1836.	1836-1857.
Burope River Plate Ports of Brazil Valparaise United States	Arrebas. 176,010 165,500 180,150 162,000 100,000	#rrobes. 130,000 74,000 88,500 101,000 50,600	Arrobas. 12,000 108,500 48,000 65,500 15,000	#170bar. 51,000 209,000 143,008 140,000 7,000
Total -	694,750	397,100	249,000	880,000

Tessi . 694,750 387,100 15,000 7,000

Tessi . 694,750 387,100 149,000 550,000

SAONE (HAUTE), a dép. of France, reg. B.; between ist. 470 lb' and 480 N. and long. 90 36' and 70 E., having N. the dep. Vosges. E. Haut-Rhim, S. Doubs, and W. Cote-d'07 and Haste-Marna. Length, N. B. and S. W. about 70 m., breadth varying from 28 to 40 m. Area. 830,980 hectares. Pop., in 1846, 347,965. In the N. and B. are the Vosges mountains, and their ramifications. The general slope is to the S. W., in which direction the Saone traversee the dep. throughout its centre. The Oignon forms its S. B. boundary. There is a considerable extent of rich soil. In 1824, the arable lands were supposed to comprise 266,103 hectares, meadows 86,923 do., vineyards 11,769 do., and woods 184,230 do. Agriculture has made some progress within the present century; but it is still very beckward. The produce of corn, pulse, &c., exceeds the demand for home consumption. Whest, osts, and harley, are the principal crops. In 1836, according to the official returns, nearly 1,850,000 hectol. of grain of all kinds were harvested, besides about 1,000,000 do. potatoes. The vineyards form a principal source of wealth. The produce may be estimated at about 380,000 hectol. a year. The wines of Ray, Charley, Navenne, Quincy, Gy, and Champlitte-lechatesus, are the best: they have a fine colour, body, as hos goust, and may be kept for a long time. On pensite considerer comme de bons vins d'ordinatres de trotsième qualité. (Juillem, p. 135.)

Near the Vosges, large quantities of cherries are grown for the manufacture of hirschwasser. Timber is an important product; and the annual produce of wool is estimated at 130,000 kilogr. In 1836, of 193,312 properties subject to the constrib. Jonesiere, 67,334 were assessed at less than 5 fr., and 20,455 at from 5 to 10 fr.; while only 91 were assessed at 1,000 fr. Glass and eartheware, cotton goods, paper, and hat, are also produced: the exports are, however, mostly confined to agricultural products, and iron goods. Haute-Saōne

d'autres parlies de la France, représentent asses exactement, per leur extérieur, l'ancienne race Gauloise on le peuple Gallo-romain." (Hugo, art. Haute Saône; French Official Tables.)

8 AONR-ET-LOIRE, a dép. of France, reg. E. principally between the 46th and 47th degs. of N. lat., and long. 3º 40° and 5º 30° E., having N. Cote d'Or, E. Jura and Ain, S. Rhone and Loire, and W. Allier and Nievre. Area, 856,473 hectares. Pop., in 1846,685,9.9. The E. and W. parts of the dép. are level; the centre is mountainous, the mountains dividing the basins of the Loire and the Saône. These two rivers are, however, united in this dép. by the canal du Centre. Nearly half the surface consists of a rich and fertile soil. In 1844, the arable lands were supposed to comprise 466,322 hectares, meadows 126,656 do., vineyards 27,536 do., and woods 150,639 do. The produce of corn exceeds what is required for the consumption of the dép.: in 1835, 2,568,000 hectolitres, principally wheat and rye, are said to have been harvested, bestdes 2,250,000 hectolitres potatoes; which last form the staple food of the inhabs. of the mountains. Some of the vineyards in this dép., especially those in the arrond. of Châlons-sur-Saône, produce wine that ranks in the first class of Burgundy. The wines produced in the other districts are known in commerce by the name of vine & Mécon. They are excellent as vins ordinaires, but cannot be compared with the first-rate growths. Julium says that their proper place is at the second class of burgundies, immediately after the finest growths. Julium says that their proper place is at the second class of burgundies, immediately after the finest growths. Julium says that their proper place is at the second class of burgundies, immediately after the finest growths. Julium says that their proper place is at the second class of burgundies, immediately after the finest growths. Julium says that their proper place is estimated at about 500,000 hectol. The arrond. Charolles has some fine pastures: and, in 1830, the dép.

sassessed at less than 5 fr., 26,208 at from 5 to 10 fr., and 22,347 at from 10 to 20.fr.; and 269 at 1,000 fr. and upwards. Cosl, iron, manganese, and marble are raised; the glass and iron works and potteries are important. The commerce of the dep. centres principally in Chalons-sur-Saone. This dep. is divided into five arronds.; chief towns, Macon, the cap., Autun, Charolles, Chalons, and Louhans. It sends 7 mems to the Chamber of Deputies. Registered electors, 1838-39, 3,943. (Dict. Géog. : French Official Tables.)

SARAGOSSA, ZARAGOZA (an. Cessres Augusta), a city of Spain, kingdom of Aragon, prov. of its own name, in a fine plain on the Ebro, crossed here by two bridges, 87 m. S.B. Pampeluna, 156 m. W. by N. Barcelona, and 176 m. B.N. E. Madrid; lat. 410 47 N., long. 27 45 V. W. Pop., according to Mifiano, 43,440. The limits of the town are marked by a wall partly of turned partly of stone; and there are 8 principal and 2 smaller gates. It is divided into 4 quarters and 2 auburbs, comprising upwards of 200 long, narrow, ill-paved, and dirty streets; indeed, there is only one wide street in the whole city, vis. the Cosso, which sweeps round the outside circ. of the town on the land side, connecting the market-place and the Ebro. (Cool's Skrichez in Spesia), i. 109.) The houses, generally speaking, are of brick, and 3 stories high; but few of them have any pretensions to architectural display. The town has an immense number of churches, 2 of which are cathedrals, thus characterised by Mr. Townsend: — "That called El Asea is vast, gloomy, and magnificent, exciting devotion, inspiring awe, and inclining the worshipper to fail proterize and adore in silence the God who seems to veil his glory; the other, called El Pilear, being spacious, lofty, light, elegant, and cheerful, inspires hope, confidence, complacency, and makes the soul impatient to express its gratitude for benefits received." (Spain, I. 206.) This church, however, was nearly destroyed during the siege in 1808-09; and several of the other churches ever, was nearly destroyed during the siege in 1808-09; and several of the other churches and convents were then also destroyed. The chapter of the united cathedrals comprises an archbishop, dean, 12 dignitaries, and 30 canons. Among the numerous other churches, 16 of which are parochial, that of Santa Engracia is worth notice on account of its valuable paintings, sculptures, &c.; and the conventual church of St. Domingo, in the plaza of the same name, is remarkable for a fine altar-piece and mausoleum of white marble. There are 5 hospicios, or public almshouses, one of which, the Casa de Miseriordia, has accommodation for 700 sick and aged persons of hoth sexes, and another affords a refuge for upwards of 1,000 orphans and foundlings. The exchange, near the Puerta del Angel, is an antique-looking, square building, ornamented with busts of the kings of Aragon, enclosing a spacious hall supported by 50 Doric columns, contiguous to which is the sessions-hall of the agustatures are several extensive and well-plainted walks. A little W. of the city is the fortress of Alja-feria, so called from its founder, the Moorish king Ben-Aljale, who made it his palace. A university was founded here on the expulsion of the Moors, in 1118, but was not incorporated till 1474: it was well attended at the close of the last century, but is now comparatively deserted. Among the other establishment may be mentioned, a royal economic society, with professors of chemistry and agriculture, botany, rural economy, &c.; a royal academy of the fine arts, a public library, and a monte depicted. The manufacturing industry of Saragossa, once very considerable, has all but failen to decay; the only manufactures, at present, being those of coarse woollen cloths, parchment, shoes, and leather. The town enjoys very considerable, has all but failen to decay; the only manufactures, at present, being those of coarse woollen cloths, parchment, shoes, and leather. The town enjoys also considerable advantages for commerce, owing to its position in the midst of a fertile country, and on the ganal of Aragon, which runs from near Tudela to Sastago: its trade, however, is confined chiefly to the transport of grain to Tortosa in exchange for articles of home

port of grain to Tortosa in exchange for assected of consumption.

On the whole, Saragossa may be said to be on the decline, like all the provincial caps., many of the old families having gone to hide their poverty at Madrid; and many magnificcut houses, on a scale not exceeded any where in Spain, are now let out in tenements. Provisions of all sorts, corn, wine, oil, mutton, game, and vegetables, are cheap, abundant, and excellent, this being probably the best country for living in Spain. The people, generally, are civil and polished, as in all the old cities; but the lower classes have a bad reputation, and assassinations are said to be common. The ation, and assassinations are said to be common. The peasants of the environs wear a Moorish costume, like those of Valencia, and in manners they are ruder and sore feroclous-looking than almost any other peasantry of the Peninsula." (Cook's Sketcher, 1. 11.)

more ferocloss-looking than atmost any other pensantry of the Peninsula." (Cook's Sketchez, 1.11.)

The climate is temperate and healthy, though somewhat damp; the neighbourhood produces good crops of wheat, barley, and maire, kidney-beams and other vegetables. wine, oil, fruits, and silk. The neighbouring hills depasture great numbers of sheep, chiefly belonging to the Ganaderos or sheep-grazers of Sara-

gessa, an old-and highly privileged association. (Towns, end, t. 205-212.; Cook's Sketches, L. 108-111.; Modern Trav.; Millano, &c.)

grad, i. 205—212.; Cook's Sketches, L. 108—111.; Modern Traw; Milliono, &c.)

Saragosas is very ancient, being said to have been founded by the Phomicians or Carthaginians. It was greatly enlarged by Julius Cassar, who made it the head quarters of the veteran legion; and Augustus gave it the name of Cassarea Augusta, with the privileges of a free colony. Of its Homan buildings, however, which, according to Strabo, must have been numerous and handsome, there are scarcely any vestiges. Towards the close of the 5th century it was taken by the Goths, who were expelled in 712 by the Saracens; and at length, is 1017, it was made the cap. of a separate Moorish state. A century afterwards it was besieged and taken by Alphonso of Aragon; and it was subsequently united to the kingdom of Castile. But it is principally known in modern history from the obstinate resistance made by its inhabs., under Palafox, in 1908-9 to the French, commanded successively by Marshals Mortier and Larmes. The siege lasted, with some alight intermissions, from July 15. 1908, to Feb. 21, 1809.; when, after a loss of about 6,000 men killed in battle, and of above 30,000 men, women, and children carried off by hunger, pestilence, and the fanatical excesses that raged in the unfortunate city, it surrendered to the French. General Napler's account of this fanous siege has stripped it of more than half the romance with which it was early invested in this country. The "heroic" Palafox "for more than anonth preceding the surrender never came forth of a vaulted building which was impervious to shella, and in which, there is too much reason to believe, that he and others, of both sexes, lived in a state of sensuality.

than a month preceding the surrender never came forth of a vaulted building which was impervious to shells, and in which, there is too much reason to believe, that be and others, of both sexes, lived in a state of sensuality, forming a disgusting contrast to the wretchedness their surrounded them." (Nepier, ii. 49. 3d edit.) In obstinacy, fanaticism and savage cruelty, the Saragosams seem to have borne a striking resemblance to the Jewa besieged by Titus. The loss of the French in the siege did not exceed 4,000 men.

SARANSK, a town of European Russia, gov. and dist. Penza, on both sides the Saranga near the Insar, 70 m. N. by E. Penza. Pop. 8,750. Most of its houses are of wood: it has, however, two cathedrals, nearly a dozen other churches, a convent, various manufacturing establishments, and a large annual fair. (See, also, Penza.)

SARATOF, an extensive government of European Russia, between the 48th and 53d degs. N. lat., and the 42d and 50th B. long., having N. the govs. of Penza and Simbirsk, E. that of Orenbourg, S.E. and S. Astrakhan, and W. Tambof, Voroneje, and the country of the Dou Cossacks. Length, and greatest breadth, about 350 m. each. Area estimated at about 73,600 sq. m. Pop., in 18d6, 1,718,600. The Wolga intersects it from N. to S., dividing it into two portions of nearly equal state but differing considerable in a series of the se 350 m. each. Area estimated at about 73,500 sq. m. pop., in 1846, 1,718,600. The Wolga intersects it from N. to S., dividing it into two portions of nearly equal size, but differing considerably in general character. The E. division is a wide steppe, destitute of wood, and covered in many parts with sait lakes, from one of which it may be a supported in many parts with sait lakes, from one of which wards the S., has some tolerably fertile tracts in the N., where agriculture is the chief occupation of the Inhebitants. Rye, wheat, oats, millet, and pease, are raised, and in ordinary years the produce, after supplying the quantity for exportation. Fotatoes, flax, and hemp, are also produced, and the cultivation of tobacco, hops, and wood, has been introduced by German and other colonists. The climate, in some situations, is sufficiently mild for the culture of the melon, grape, and mulberry. The principal forest trees are oaks, populars, Sibering acaclas, and firs. The woods are mostly in the N.W.; and those belonging to the crown are estimated at abous 418,500 deciatines; but the supply of timber is not adequate to the home demand. The rearing of live stock is conducted on a large scale; and the mrce wealthy proprietors are endeavouring to improve the breed of sheep, by the introduction of Merino flocks. The rearing of bees and of silkworms is on the increase. The sheries in the Wolga furnish large supplies of fish, both for home consumption and exportation. Next to ast, mill-stones and a little iron are the chief mineral products.

The population is very mixed, including Tartars and products.

products.

The population is very mixed, including Tartars and Kirghizes, and on the Wolga are numerous colonies, founded principally by German and other immigrants from W. Europe: originally attracted thither by grants of land, and privileges conferred by the empress Catharine, in 1763. In 1811, their numbers amounted to about 55,000; and in 1838, they are said to have increased to nearly 118,000. The colonists are free, and in most respects subject only to their own jurisdiction. They conduct the most important manufactures of the government, which consist of linen, cotton, and woollen fabrici, hoslery, iron ware, leather, and earthenware. There are numerous flour-mills and distilleries. This government is favourably situated for commerce: it comme ment is favourably situated for commerce: it commuSARATOK.

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Capian Sea, and by the Medweditza and Don, with the Sea of Atof. The Tartars have a large trade in sheep-akina, and the Kalmucks in horses of a very fleet, though weak breed. About 5,000 merchants, trading in corn, sait, fish, caviar, catite, tobacco, and fruits, had a few years since an aggregate capital of 11,175,000 roubles. Saratof is divided into 10 districts; chief towns Saratof, Voisk, and Tarityne. The population are mostly divided among the Greek, Protestant, and Mohammedan religions. Education, except in the schools of the colonists, and of the capital town, is at a very low ebb; and in 1830 there was but one printing-press in the government.

government.

Sarror, a town of Russia in Europe, can, of the above gov, on the Wolga, 335 m. S. S. E. Nini-Novgorod, and 350 m. N. N. W. Attrakhan. Lat. 31° 31° 34′ N., long die E. The pop. (including military), according to the official accounts, exceeds 35,000; but this is believed to be beyond the mark. It consists of an upper and lower town; but, though founded so late as 1665, it is neither regularly laid out nor well built. It has some good and even handsome stone residences; but most of its houses are of wood, and it has frequently been in great part destroyed by fire. There are about a dosem Greek-Russian churches, some convents, a Protestant and a R. Catholic church, a moque, and a gostřněd-davo, or bassar, a larree

are or wood, and it has frequently been in greet part destroyed by fie. There are about a dosen Greek-Russian churches, some convents, a Protestant and a R. Catholic church, a mosque, and a gostrieo-dosr, or basaar, a large stone building for the warebousing, exhibition, and sale of merchadide. Since 1833, a new and handsome archibishop's palace has been constructed; and there are several hospitals, a gymnasium, and an ecclesiastical seminary, established in 1828, and having at present (1841) inout 500 students. The inhabs. manufacture cotton labrics, cotton and silk stockings, clocks and watches, eather, wax lights, tallow, vinegar, beer, &c. Saratof, which is intermediate between Astrakhan, on one hand, and Moscow and Nijni-Novgorod on others, has an exensive trade, its exports being principally corn, salt fash, ides, cattle, and native manufactured goods; and its nports, tea, coffee, sugar, iron, glass, and earthenware, collen, silk, and cotton stuffs, peltry, &c. It has three rige annual fairs. (Schustizer, La Russie; Possari, us Kaiserth, Russland, p. 591—616.)

SARATOGA SPRINGS, the great watering place of c U. States, in the state of New York, co. Saratoga, 24 m. N.W. Albany. Resident pop. in 1840, 2,500. This in-prorated village consists of a fine broad street fringed th trees, and has many large and excellent botols, a cabyterian church, post-office, and numerous boarding uses. The springs, which came into repute through sines of sea-salt; 3°5 do. hydriodate of soda; 3°982 do. harbonate soda; 3°9788 do. bi-carbonate ime; 5 do. carbonate iron; and 1°5 do. Above 1,500 people have been known to arrive in a week, coming from all parts of the states, even New Orleans, a distance of between 2,000 and 3,000 during the unhealthy season in the 8. States. A profitable trade is carried on by the proprietor to several springs in the water, which is bottled and to distant parts. The spring water loses its puny, too long kept the bottles. to distant parts. The spring water loses its pun-y, however, and its iron is entirely deposited, by g too long kept in bottles.

to distant parts. The spring water toses its puny, however, and its iron is entirely deposited, by g too long kept in bottles.

e vicinity of Saratoga is especially interesting, from eing the scene of one of the leading events in the independence, the surrender of General Burgoyne, he British troops under his command, to General 17th Oct. 1777. (New York Gas.; Sinar's Amel. 189, 190.)

RDINIA (Ital. Sardegas, Fr. Sardaigas, an. Ichfrom its resmblance to the print of a foot, post via), an island of S. Europe, and next to Sicily, it nearly equals in size, the largest in the Meanean. It lies principally between the 39th and egs. of N. lat., and the 8th and 10th of E. long, separated from Corsica on the N. by the Strait of cio. It is of an oblong form; length, N. and S., 160 m.; average breadth, about 60 m.; area with radent islands, 9, 240 sq. m. Pop., in 1844. 543,377. Inia differs from Corsica in being more diversified, rtile, and richer in minerals. A large proportion urface is hilly or mountainous. The principal in chains extend from N. to S. at no great discomn the E. coast; but in various parts of the here are ranges of considerable length stretching sposite direction. The general elevation of the ins is from 1,000 to 3,000 ft.; the peak of Limowever, is 3,686 ft., and that of Genargent, in n of that manne (the Insans Montes of antiquity), in height, an altitude which enables the people ut to trade in snow for the consumption of the (Sangath, p. 67.)

are many extensive plains, the principal being Oxieri and Sassari in the N., that watered by in the general elevation, between

Oristano and Cagitari, in the S. The Tirst, Finnen-doeo, Coguinas, Mannu, &c., flowing through these plains, are comiderable rivers: the minor compt are watered by numerous small streams. Around the coasts are many lagoons, and several considerable bays, as those of Cagitari, Oristano, Sastari, Oristano, Oristano, Oristano, Oristano,

similar formation, being composed of granite, schist, pri-mitive limestone, &c. Through the centre of Sardinia, from N. to S., extends a remarkable tertiary formation of a calcareous nature; and various volcanic products are scattered over this formation, while the traces of exare scattered over this formation, while the traces of ex-tinct craters are visible in many parts of the island. Barthquakes, however, are rare; nor are storms fre-quent, though the climate is proverbially variable as to temperature. According to Capt. Smyth the mean tem-perature of the year, at the level of the sea, may be taken at 61.7 Fah., and the medium height of the barometer at 90.00.

at 61.7 Fah., and the medium height of the barometer at 29.60.

Ratensive districts are very unhealthy, and in antiquity the Island was celebrated alike for the excellence of its soil and the bachness of its sir. Sardinia fertilis, et soil quam casti melioris; sique at fecunda, its pense pensitions. (Pomp. Mela, itb. it. cap. 7.) "The intemperie, as the malaria is here called, appears to be somewhat different from the malaria of tally and Sicily; for though equally, or even more aerimonious in effect, it does not always produce the swelled bodies and sallow skins which are the symptoms of the latter. Both diseases usually commence when the summer heat, assisted by light showers, disengages the impure gases from the low grounds, and continue until the latter end of November, when heavy rains have precipitated the misama, and purished the air. But they differ, inasmuch as malaria is generally supposed to be weak in its effects unless implict, in pernicious at all times." (Smyth's Sicily, p. 82.) The chief source of insalubrity appears to consist in the exhalations from the numerous marshes and stagnant pools of the plains, and might, therefore, it may be fairly concluded, be greatly abated by a proper system of drainage. Fire is said to be a powerful antidote against the evil; and the lords of Oristano were formerly accustomed to light large fires round the town, which had the effect either of rarefying or destroying the mephitic vapours.

Notwithstanding her extent, the richness of her soil.

tomed to light large fires round the town, which had the effect either of rarefying or destroying the mephitic apours.

Notwithstanding her extent, the richness of her soil, her position in the centre of the Mediterranean, and her convenient harbours, Sardinia has been strangely neglected, not only by her own governments, but by the European powers generally; and has remained, down to our own times, in a semi-barbarous state. A long series of wars and revolutions, followed by the establishment of the feudal system in its most verasitous and oppressive form; the fact of her having been for a lengthened period a dependency of Spain, and, if that were possible, worse governed even than the dominant country; the division of the island into immense estates, most of which were acquired by Spanish grandees; the want of leases, and the restrictions on industry, have paralysed the industry of the inhabet, and sunk them to the lowest point in the scale of civilisation. Since 1780, however, improvements of various kinds have been slowly, but gradually gaining ground; and, within the last few years, several important and substantial reforms have been introduced, that will, it is to be hoped, conspire to raise this fine island from the abyes into which it has been cast by bad laws and bad government.

Besides that portion of the island occupied by lakes and marshes, there are large sandy or stony districts, called macchie, which comprise, in the aggregate, more than 1-3d part of the island; a similar extent may be seigned to forests and pastures; the remaining portion of the surface being laid out in corn-fields, vineyards, olive-

i-3d part of the island: a similar extent may be assigned to forests and pastures; the remaining portion of the surface being laid out in corn-fields, vineyards, olivegrounds, orchards, gardens, &c. About 1-5th part of the cultivated land is supposed to be allotted to the growth of corn, which, even under the present system of agriculture, is said to give a return of 7 or 8 for 1; and, in some favoured districts, the average is said by Smyth to amount from 16 to 30 for 1. Of the capacity of the island for producing the most luxuriant crops of corn, there can, indeed, be no manner of doubt. In antiquity, Sardinia was reckoned, along with Sicily, a granary of Rome. "Sciliam et Sardiniam benigassimas wrbis nostra matrices." (Val. Max., lib., 1. cap. 6.)
Utraque frugitris est insula nobible arris.

Utraque frugiferis est insula nobilis arvis. Nec plus Hesperiam longinquis messibas ulla, Nec Romana magis complerant horres terra. . III. Hp. 65.

But the unfavourable political and municipal regula-tions under which the island has latterly been placed, nave gone far to neutralise the advantages it owes to nature. The agriculturists of Sardinia principally con-sist of two great classes — those who cultivate small farms on the métajer principle, and those who work on the es-tates of others, getting, in most instances, a patch of land for their support, and cultivating it at such times as they

are not employed on the lord's lands. Both classes are excessively poor. The agreements under which the former class hold are seldom for more than a year; the landlord furnishing the seed as well as the land, and relandlord furnishing the seed as well as the land, and reestving half the produce. Those who occupy land for
which they are obliged to pay a rent in corvées, or other
feudal services, are, if possible, still worse off; having
usually to borrow the seed either from the landlord or
from the Mostif Framentarii established for that purpose,
and having also to defray the tithe and a host of other
burdens. Another disadvantage, under which all classes
labour, is the want of houses on their farms: the peasants live together in villages, and have frequently to perform a journey of several miles in going to and coming
from their farms. Probably, also, this may, in some degree, account for the frequent change of occupancies by
the Sardinian peasants; though, as Marmora has truly
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room their tarms. Processly, also, this may, in some degree, account for the frequent change of occupancies by the Sardinian peasants; though, as Marmora has truly observed, their circumstances be rarely improved by such changes.

Lands belonging to a canton or commune are frequently cultivated on a kind of partnership system, being divided into three portions: one of these, called sidexzone, comprises all the lands that are in cultivation, and which are distributed by lot among certain individuals, while the other two portions are occupied in common as pasture. But, as a new distribution takes place every year. It is plain that no individual can take any interest in the improvement of the soil; and this sort of tenure becomes, in fact, the most effectual that can be devised for the extinction of industry. Laterly, however, the government has been making efforts to promote the formation of inclosures and the division of the lands; which, though eposed by the prejudices of the people, have made some progress. (Marmora, Yoyage ca Sardague, ilb. v. cap.1.)

Even these, however, are not perhape the gressest discouragements to agriculture. As if to samihilate the possibility of the peasantry emerging from their depressed condition, and to oblige them to confine their industry to the supply of their indispensable wants, it has been enacted that no corn shall be exported if its price exceed 30 reals the starelle; and a beavy duty is laid on all that is exported, as a substitute for a general land-tax. Most either articles of export have been lossed with similar states; and it would really seem that every device that ignorance and short-sighted rapacity could suggest had been practised to reduce this "benignant nurse" of imperial Rome to a state of poverty and destitution.

Happlip, however, the bounty of nature has proved an overmatch for the perverse ingenuity of man; and such the freditity of this fine island, that, notwithstanding the influence of the duty now referred to, and the wrethed system of agriculture, it

timber; but, from the want of roads, these are nearly neeless. The agricultural implements and processes are excessively rude. The Sardinian plough, the counterpart of that described by Virgil, does little more than scratch the ground. It is without a coulter, and is very frequently wholly constructed of wood. Oxen only are used in ploughing and other field labour. Most of the garden grounds are wrought by the hee, the spade and mattock being unknown, except to the Piedmontese labourers on the new roads. The corn is left in the fields till it be thrashed, an operation effected by the primitive practice of treading with horses and oxen.

We are glad, however, to have to state, that within the last few years some very important changes for the better have been introduced into the island, and that some of the worst of the abuses previously noticed have been obviated. In 1836, in pursuance of inquiries previously commenced, feudal jurisdictions were completely abolished; and since then the feudal system has been wholly subverted. And if, as is to be hoped, government follow up the enlightened course of policy on which it has entered, by giving freedom to commerce, the probability is, that the island will, at no very remote period, recover a large share of its succient prosperity. According to a law passed in 1839, all lands were deciared to be the property of individuals, communes, or the crown; the latter becoming the possessor of all waste lands, or those to which neither private parties nor communes could show any title. Lands

which had been cultivated or applied to use, whether enclosed or not, were assigned in perpetuity to the occupiers, undisturbed possession being held to confer a sufficient right to the property in the absence of any other title: those whose interests were at all affected by the new changes received compensation in money or lands, er by an assignment of public funded property. The king substituted himself in the place of the barons: he took all the feudal rents into his own hands; and their value being estimated at 20 years' purchase, public securities to the amount, bearing five per cent. interest, were made over to the nobles in exchange for the privileges of which they had been deprived. All kinds of vassalage were, at the same time, made redeemable; and courts of law placed under the direct control of the state were substituted in the place of the feudal jurisdictions where the barons were at once sultors and judges! It is impossible to overrate the importance of these changes; and there cannot be a doubt that they will have the greatest and most beneficial influence. (You Rassacr, Italy, &c.,1.250—201.) which had been cultivated or applied to use,

most benenical influence. (Fon Resence, Halp, &c.,1. 255—201.)

The greater number of the oxen, horses, and other live-stock, wander wild over the island, hearing the mark of their owners, and browsing in the woods in winter, there being no woives. They are generally, as might be expected, very inferior; but considerable pains are taken in the breeding of some descriptions of horses, and horse-races are a prevalent amusement. It is singular, notwithstanding the badness of the roads, that mules should be unknown. The Sardinian sheep is said, by Marmora, to be remarkable only for its degeneracy; its wool is of a very low quality, and is worth little, except in the island. Cheese, made of the milk of sheep and gents, is extensively exported; but this is a result, not of the goodness of the milk, but of its extensive supply, arising from the great number of these animals, there being about 800,000 sheep, and 556,000 goats. (Marmora, p. 444.)

The months of the Ophion of Pliney, Hist. Net. Ilb. xxxviii. cap. 9.), whence some naturalists suppose the sheep to be derived, is a native of Sardinia. "It is a runninating animal, frequenting only the highest and

xxvviii. cap. 9.), whence some interaints suppose the sheep to be derived, is a native of Sardinia. It is a runnianting animal, frequenting only the highest and most secluded woods; where, from its timility and flectness, it is with difficulty shot. The form of the ears, head, legs, and hoof, identify the mouffloon with the sheep, though in size it be rather larger, and is, moreover, clothed with hair instead of wool. The horms are notitiver full nor deciduous, but hollow, and precisely similar to those of the ram, while the bleat is the same: it propagates also very readily with the sheep, the mixed produce being the 'umbro.' Though so shy in its wild state, the moufflon soon accommodate itself to domestic habits." (Smytlà, p. 120.) Deer, wild boars, and a variety of game, abound in the forests; and the skins of about 60,000 rabbits and hares, from 4,000 to 5,000 forces, and 2,000 martins, are annually exported, besides 5,000 cantars of corwacci, or dried skins, for making give.

Though various improvements have been effected of intery ears, it is still true that the interior of this island.

into years, it is still true that the interior of this island exhibits, at this moment, a degree of barbarism which can with difficulty be believed to exist in Europe. The exhibits, at this moment, a degree of barbarism which can with difficulty be believed to exist in Europe. The shepherds, and others who occupy the mountainous parts of the island, are in the habit of wearing only coverings of tanned leather, or of shaggy goat or sheep akins. They are constantly armed to protect themselves from banditti; roaming with their flocks over the unin-habited tracks, enjoying a bare subsistence, and acquainted with no laws but those of their own hormation. They sometimes sow small patches of wheat and barley on fruit, game, and the produce of their own hormation. Though this part of the pop. be inoffensive, the number of banditti in the mountains formerly rendered it unsafe for any one, whether a foreigner or Sardinian, to venture for into the interior without an escort; and the farmers in the plains have been accustomed to rely for protection from the depredictions of their highland neighbours on a long established corps, called the beresscrift. This is an armed association, chosen annually in the villages districts; the members of which are bound to make restitution for all thefts, provided they receive immediate from an annual sum subscribed by every landholder. An attempt was made by the government, in 1819, to dishend this force, but it was unsuccessful; and, on the whole, the barancelli are well adapted to the condition of the country.

The banditti that have long infested and still continue

country.

The banditti that have long infested and still conti-The banditi that have long infested and still continue to infest parts of this island, owe their origin to a variety of causes, among which, no doubt, may be included the influence of the feudal system, and the opportunities afforded by the state of the country, full of natural fastnesses, without roads, and without an efficient system of police, for their carrying on their depreciations with impunity. Latterly, however, sords stringent measures have been adopted for their suppression. The privileges of ameturies here been in most instances abolished. Roads have been sade into districts that were previously inaccusable; the right to wear arms has been restricted; and these measures, combined with the abolition of the feud system, and the establishment of royal courts of the repedy and more equal distribution of justice, will, probably in or very lengthened period, go far to suppress the robertes and assessinations which have so long distracted the influence of the little of the restriction of the second of the restriction of the restricti

the roberts and assistinations which have so long disgrand the siand.

The bousse of the pessantry are most wretched, consisting usually of only one story without windows; or, if there he windows, they are not glassed. A whole family frequestly wells in a single room in which kids, chickens, and dogs, seek indiscriminate accommodation with the sated children; whilst an ass is usually employed turning a corn mill (smote sciencers) in the corner! The centre of the room has a square hole in the cay floor, for the fire, but there is no outlet for the snote, except accidental holes in the roof or door. A few small low chair, with an equality low table, consmoot, except accentan notes in the root or door. A few small low chair, with an equally low table, con-stitute the usual movables. Earthenware not being common, the ordinary substitute is an oblong wooden dish. More feeth is used than in Skilly, but less po-lents. Omelettes of curds, &c., and raw vegetables, are favourite articles of dist. favourite articles of diet.

The towns and villages are mostly large and well situsted; but with unpaved, narrow streets, mean house and a want of every convenience. Immense dunghilis, the collection of ages, disfigure the principal entrances. In the N. half of the island the villages are constructed of freestone or granite; but most of the country houses in the S. are built with sun-dried bricks made of mud and straw. In the towns some pretty good manistons are unct with, though they are ill fitted up, and their atric gene-rally as dirty as those of the ancients in the days of Jurenal. (Pretent State of Sardinia, p. 164., &c.) The Sah on the coasts and in the harbours of Sar-

dinia are mostly caught by foreigners; Sicilians, Nua-politans, Tuscans, Genoese, &c. Pilchards have become rare; but in 1838, upwards of 17,000 tunnies become rare; Dat m 1858, upwarus of a recommender rece taken, besides several thousands liberated from the 18th, from the fathermen not having the means of curing hem. The lagoons of Oristano, Cagliari, &c., abound ith fine mullet, bream, and eels. From 200 to 300 beats sed to arrive every year from Naples and Genoa, to the real fatheries on the course; but these have latterly been received to the course of the total fatheries on the course is the these have latterly been

reasing, owing to the vexatious custom-house regu-tions imposed on the coral boats. Sardinia has ores of silver, copper, lead, and iron, sich, if wrought, would, it is believed, be among the net valuable of her resources. But the code of re-lations for the working of the mines proves an effectual stacle to all mining speculations. It obliges specu-Jations for the working of the mines proves an effectual stacle to all mining speculations. It obliges specuors to work their mines under the direction of governat engineers, or officers of the royal corps of miners,
are to be consulted and furnished with plans on the
tion of smelting mills, &c. Speculators are also proted from exposing for sale, or exporting the produce
beir mines, without permission from the intendentral, and are, besides, to keep a journal of the daily
luce of their mines, the same to be exhibited in a
rate statement monthly at the intendent's office of
ap. district. (Macgragor's Roport, 75.) The conrice is, that mining, and the quarrying of the fine
hyry, basalt, marble, &c. of the island, is almost
by neglected.

t is a royal monopoly, and affords a considerable ue. Until recently, Sweden drew almost all her es of this article from Sardinia; and it continues es of this article from Sardinia; and it continues exported in considerable quantities. It is obtained ural evaporation, principally near Cagliari. The less incurred by government in producing salt do ceed 9 reals the salm; whereas the continental s of the crown buy many thousand salms at 50 or reals each. reals each.

or reals each.

pt the royal gunpowder, salt, and tobacco manuals, a few for cotton, woollen, and silk goods, and barse pottery and glass works, Sardinia has no turing establishments, except such as are emin preparing raw produce for sale. Very little shown by any of the artisans; and watches, and evem coarse cuttery are all imported. The roads has hitherette proved a serious obstacle to tures, as well as to every other branch of in-Agood road, practicable for wheel carriages, ever, been formed within the last few years from to Sassari, and cross roses are being carried o some of the most considerable places in the lut previously, scarcely any roads were passable o some of the most considerable places in the lut previously, scarcely any roads were passable lers, except on horseback or on oxen, the les-cily being unknown. A cart for luggage was d; but this vehicle was a mere ladder mounted heels fixed to the axletree, and stuck round the triangular nails, being, according to Captain under machine than any he had seen in Spain, Calabria.

numerce of Sardinia has long been stationary, so

that a statement of its trade in 1894 will be nearly appli-cable to the present time. In that year the value of the principal articles of export and import were estimated as follows:—

Impo	Exports.			
Articles.	Value.	Artic	cles.	Value.
Timber, &c Hosiery Hemp and cordag Cotton goods Drugs and spices Woollen goods Hardwares and n Skins and leather Linen fabrics, &c Corn, &c. Various	- 1,032,693 - 660,236 - 627,789 netals 203,358 - 266,217	queurs, Grains, &c Skios and Fish, curec Salt Meats, for Cattle Timber, & Tobacco	leather d and free age & seco	906,871 272,825 437,514
Totals	-4,849,110			4,287,177

The custom duties received in the above year amounted to 967, 323 fr. (Marmora, 460.)
Amounts (when not estimated, as abose, in franca) are kept in lire, soldi, and denari: the lira of 20 soldi

Amounts (when not estimated, as anges, in trancaare kept in live, soldi, and denari: the lire of 20 soldi
and 12 denari — about 1s. 6d.; the real of 8 soldi — 44d.;
the scude of 10 reali = 3s. 9d. The Sardinian lb. of
12 oz. = 14 oz. 8 dr. avoird.; the rubbo = 26 lbs.; the
moggio or starello (of corn) = about 1 bush. 1 peck. The
palmo = 103 Eng. inches; the starello or moggio (of land)
of Cagliari = 3 roods 27 poles 19 yards; of Sassari =
1 rood 38 poles 24 yards.

Sardinia is governed by a viceroy, whose commission
generally lasts for 3 years, and who is the chief of the
civil and judiciary administrations, and the commander
of the forces both by land and sea. The island is subdivided into 3 grand divisions, those of Cagliari, Sassari,
and Nuovo, and into 11 provinces subdivided into districts
and communes. The seven cities, or principal towns, are
under the administration of the magistrati, municipal
bodies, each composed of 6 mems. Each commune has a
council of 3, 5, or 7 mems., presided over by a sindaco. The
Udienza Reale, created in 1651, and reformed in 1822, is
the highest tribunal in the island. It is composed of 13
judges and 2 presidents, and is divided into 3 chambers,
2 civil and 1 criminal: and has at its bead the regent,
the first functionary in the island after the viceroy. Besides its functionar as a supreme indiciary court. it nartijudges and 2 presidents, and is divided into 3 chambers, a civil and 1 criminal: and has at its bead the regent, the first functionary in the island after the viceroy. Besides its functions as a supreme judiciary court, it participates in the legislative power, the decree of the viceroy published with the concurrence of the Udiensa Reale, having the force of laws. Sassari has a tribunal resembling the Udiensa Reale of Cagliari, to which appeals may be made from its decisions. In the two cities last named are tribunals of commerce. In the provinces justice is administered by prefects, whose decisions are final in civil causes to the amount of 10 seudi, and who have primary jurisdiction in criminal cases. The cavic, or district tribunals, have a very limited jurisdiction. Sardinia has a parliament, called the **Besment*, consisting of three chambers: the ecclesiastical, selected from the prelates; the military chamber, comprising all the nobles. 30 years of age, with or without Best; and the royal chamber, composed of the deputies of the towns and communes under the case giversto of the capital. The stamenti are convoked and holden during the king's pleasure, but meet only on extraordinary occasions. Each section holds its sittings apart; and after separately discussing the matter under debate, they communicate by deputies. The deliberations of the ecclesiastical body, respecting donastions, must be submitted to the pope for

cussing the matter under debate, they communicate by deputies. The deliberations of the occlestatical body, respecting donations, must be submitted to the pope for his approval, before passing into a law. The Supreme Council of Sardinia has its seat in Turin: it is composed of a president and five counsellor-senators, and is similar to the ancient Supreme Council of Aragon. Beyond this tribunal there is no appeal; and it gives its opinion in all state affairs transmitted to it from the government of the island. (Recort on Sicily and Sardinia, p. 77.)

The laws of Sardinia are partly comprised in the code entitled the Carta de Logu, promulgated in 1396, and said to be drawn up, considering the period when it was issued, with great discretion and good sense. It has, however, been materially modified by the successive acts of the Stamenti, the edicts of the different sovereigns of the house of Savoy, and the pregost or decrees of the viceroys. In consequence of the numerous and in many instances conflicting enactments that have thus been issued, the law has become exceedingly obscure. This encourages litigation, and the island is, in fact, to use the forcible expression of Marmora, were mine inspectable pour la checome (291). Recourse is had to the courts to determine the most trifling questions; and unfortunately the means of legal redress are at once tedious, expensive, and uncertain.—"The country judges are extremely poor; and venality is so common, that sentences are just and equitable only when the government takes a criminal matter in hand. This is one of the leading causes of the assessinations that have so stigmatised the island. It is

an acknowledged difficult task to work a reform in detail; for if a magistrate prove himself more than usually active in his office, he is sure to receive the vengeance of adverse partisans; and the effect of the whole system and practice is a melancholy want of security both of persons and property." (Sasyab, p. 135.)

Nothing, in fact, would do so much to put down crime, and to restore security and good order to the island, as the simplification of the law, and the nomination of superior and responsible judges. And now that the government has begun the work by the suppression of the leudal system, it is to be hoped that it will apply its energies to a reform of the abuses in the judicial system.

No religion, other than the Roman Catholic, is tolerated in this island; and the secluded position and ignorance of the people have prevented the growth of any heresy, so that in this respect Sardinia boasts a higher purity than even Rome herself.

The island is divided into 3 archbishoprics; those of Cagliari, Sassari, and Oristano; and 8 bishoprics. Tithes are rigorously exacted. The revenues of the church are estimated by Serristori at 980,000 Italian lire, of which sum the secular clergy, amounting to between 1,800 and 1,900, receive about 264,000. According to Marmora (p. 234), there are 90 conventual establishments for muns.

Public education in Sardinia has, of late years, been considerably improved. "There are now normal schools in each of the 10 proves, attended by about 6,550 pupils. There are, besides, secondary schools in the two principal towns, Cagliari and Sassari, which are frequented by about 1,350 students. The university of Cagliar reckons about 265 students, and that of Sassari 225. The course of studies is divided into theology, jurisprudence, philosophy, medicine, and surgery. By an ordinance of the late king, in 1822, every village or commune has now a grautious school for reading, writing, arithmetic, religious instruction, and the elements of agriculture. The effect of the diffusion of instru

Respecting the rest of the armed force, &c., the reader is referred to Sanniva, Kindodom or.

The musice department is managed by an intendent-general in Cagliari, and vice-intendent in Sassari, and a sub-intendent in each of the other provs. The public revenue may at present (1850) be estimated at about 4,200,000 lire, or 172,000. Of this sum about 2,000,000 lire is derived from customs duties, 800,000 do. from the to-bacco monopoly, and 420,000 do. from alt works.

According to Captain Smyth, there is a striking resemblance between the Sards and Greeks. "It is impossible," he says, "for any one who has travelled in Greece, not to be struck with the similarity which, in many points, exists between the Sards and the Greeks. Not only are their arms, music, dances, dresses, and manuers in close resemblance, but many of their words and superstitions are exactly the same; so that the opportunities I have had of comparing the two nations, would lead me to infer the partial identity of their origin. The Sards are of a middle stature, and well-shaped, with dark eyes, and coarse black hair; except in the mountains, where fresh complexions and blue eyes are met with. They have strong intellectual faculties, though uncultivated, and an enthusiastic attachment to their country. They are active, when excited, but expensed foolers in consent. their country. They are active, when excited, but extremely indolent in general. Their good qualities are counterbalanced by cunning, dissimulation, and an instiable thirst for revenge." (Smyth's Sardinis, pp. 1:1-192. &c.)

Though vassals in Sardinia could change their lord and residence at will, the degrading services and tenures of feudalism were in full vigour in most parts of the island down to its abolition in 1839. The dependence of a peasant on his lord commenced when he was deemed capable of earning his bread; and an annual tribute, either in money or kind, was exacted from all above the age of 18; and this, in addition to the usual imposts on lands and stock; the contributions demanded for prisons, robberies, arson, and exemptions from the roadis, or one day's personal labour, as well as from other dominical services. These feedal burdens, with tithes, taxes payable to the king, alms, as they are called, to mendicant monks, and other grinding extortions, amounted, in many instances, to nearly 70 per cent. of the earnings of the peasant. And if, to this amount of taxation, be added the vicious customs that have prevailed in the Though vassals in Sardinia could change their lord and or the peasant. And II, to this amount of taxation, be added the vicious customs that have prevailed in the letting of land, unintelligible law, and venal judges, need we wonder at the poverty and semi-barbariam of the peasants, and that revenge has become, in their estimation, accrete dute. the peasants, and that mation, a sacred duty.

The Sards are enthusiastically fond of poetry, but the The Sards are enchangements by found of peetry, we so there fine arts have met with no encouragement; as there is not a native painter, sculptor, or engrave, of any eminence in the island; and the press being under a rigid censorship, the current literature, if so it may be called, is beneath contempt. The language of Sardois is that dislated of the Italian, which preserves the greater portion of Latin.

We have little exphantic information remarking the

called, is beneath contempt. The language of Sardus is that dialect of the Italian, which preserves the greate, portion of Latin.

We have little authentic information respecting the history of this island previously to its conquest by the Carthaginans, from whom it was taken by the Resussin the third Punic war. On the full of the Wester Empire, it was successively possessed by the Vansia, the Goths, the emperors of the east, and the Moors; from whom it was taken, in 1022, by the Genoses and Plana. It continued to be a subject of contention between their rival nations till 1235, when it was taken possession of by the kings of Aragon, and it remained attached to the Spanish monarchy till 1714, when, by the peace of Utrecht, it was ceded to Austria. In 1726, the latire transaction is a subject of the Residual of the Previously to the French Revolution, the Sardinian perenuent is said to have been desirous to sell the island to the Empress of Russia for 1,000,0002. stering; int the scheme was defeated by the interference of France and Spain. (Young's Truscle, it 266.) It was unsuccessfully attacked by the French in 1793; and on the seture by the latter of the continental portion of the Sardinian framily. Recently, as already seen, measures which promise to be of the utmost importance to the island, have received the sanction of the grovernment. (For turker information, see Marmora, Togaege on Sardaiges, Park, 1826, an elaborate and valuable work; Smydi's Prarel State of Sardinia, in great part derived from the former; Pagl. Report on Sictly and Sardinia, j Dict. Gog.; Sentionia, in great part derived from the former; Pagl. Report on Sictly and Sardinia, j Dict. Gog.; Sentionia, in great part derived from the former; Pagl. Report on Sictly and Sardinia, j Dict. Gog.; Sentionia, in great part derived from the former; Pagl. Report on Sictly and Sardinia, j Dict. Gog. Sentinia, if land, debt degr. of N. lat., and the 5th and 10th of E. long. Is divisions, area, pop., &c. are as follow:—

Divisione.		Area in sq. m.	Pop. cecsus of 1838.	Pap. 10 11-18-
Savoy Turin Coni Alexandria Novara Nice Aosta Gross (and Capraja) Island of Sardinia, &cc.	:	4,270 8,186 2,712 2,039 2,692 1,619 1,234 2,103 9,241	564,137 873,510 566,181 895,663 542,728 220,718 78,110 674,983 524,633	132-1 974-3 900-7 991-6 142-5 63-3 590-6 57
Totals -		29,102	4,660,368	160

The insular portion of this kingdom being described under the previous article, we have now to deal only with the continental portion, lying between lat. 30 Me. And 46° 24 N., and long. 5° 32° and 10° 5° E., having W. France, N. Switzerland, B. Austrian Italy and Paras, and S. the Mediterranean. The Alpa separate this critical properties of the propert

and the prov. of Genoa, Nice, &c., in the S., between lab Maritime Alps and Apennines, and the sea.

The most valuable portion of the kingdom is the plain of Piedmont, extending from the foot of the Alps to that of the Apennines on the S., and to the Tessino on the E. The soil is every where a rich, sandy loam, with little appearance of clay, and of great fertility. Owing to the heat of the climate in summer, water is here the great heat of the climate in summer, water is here the great desideratum; and advantage has accordingly beet taken of the numerous streams that pour down from the moustains, which are distributed with infinite skill all own the low grounds. Nowhere, indeed, is the art of inthe low grounds. Nowhere, indeed, is the art of principle of the properties of the product of th we gross piain of the Po included in Piedmont. "Wears is here measured with as much accuracy as wine. As hour per week is sold, and the fee simple of the water is attended to with the same solicitude as that of the land." (Yosang, ii. 160.) The irrigated lands being under the influence of a southern sun, produce the most invariant crops.

crops.

Lands in Piedmont are mostly inclosed, generally by ditches, but, in many parts, with hedges also, which is some districts equal those in the best English coscrops, however, are generally divided by lines of full trees of different kinds, intermixed with nulberry trees, poplars, and oaks; and that the benefit of these trees poplars, and oaks; and that the benefit of these trees poplars, and oaks; and that the benefit of these trees poplars, and oaks; and that the benefit of these trees poplars, are sport vines. Speaking generally, farms in Piedmont as amall, and are usually held on the sessager system, the

andlord receiving half the produce, and paying the taxes

andlord recriving half the produce, and paying the taxes and repairing the buildings. On the whole, however, the agriculture of this part of the Bardinian dominions bears to close a resemblance to that of the rest of Lombard, that we beg to refer the reader for farther particulars to the set. Italy 4 Austraush in this vol.

Few countries have so large a disposable produce as Piedmoni. It has an immense number of cities and towns; and yet the Riviere of Genoa, Nice, and the country as far as Toulon, are supplied with corn and estite home its superabundant produce. The produce of maise is considerable; and it constitutes the principal support of the country population, who make use of it under a variety of forms. The most usual course of husbandy consists of what would be called in England a four-shift, the first year being maise, the second wheat, the third clover of fallow, and the fourth wheat. It is customary to mix French beans and hemp along with the maise. Whest is sown on narrow ridges, and is earthed over by the plough; which in Piedmoni-is an insplement of a better kind than in most parts of Italy. Wheat harvest takes place in the beginning of July: it is threshed by means of cylinders drawn by horses over the straw, which is turned up by forks. According to Arthur Young (il. 299.), the common produce of the wheat crops in Piedmont does not exceed six times the seet; which, considering the quality of the soil, he is justified in calling "miserable;" but the better crops yield between 10 and 11 seeds, or even more; and with a better rotation, and more care, this might be made the average produce of the plain.

To the corn crops must be added those of hemp, which is sometimes considerable, and silk, for which Piedmont, its sometimes considerable, and silk, for which Piedmont, the farmers have not learned, like those of the Missesee, to derive much advantage from their milk. A farm of medium size was estimated by Chatcasuvieux to consider of about 60 acres, 1-4th being in passure.

Pickmont, the farmers have not learned, like those of the Milmsee, to derive much advantage from their milk. A farm of medium size was estimated by Chateauvieux to consist of about 60 acres, 1-4th being in pasture. Such a farm would support a family of 8 or 9 persons, maintain upwards of 90 bead of live stock, produce silk to the value of 25t. a year, and more wine than was required for home consumption. The crops of maise and French beam go far to maintain the labourers, so that nearly the whole crop of corn may be carried to market, as well as a considerable quantity of the inferior articles. (Chatemengenz. 30. 31.)

French beens go far to maintain the labourers, so that nearly the whole crop of corn may be carried to market, as well as a considerable quantity of the inferior articles. (Chateaweiress, 30, 31.)

Savoy, which is remarkable for the grandeur and beauty of its seenery, though a poor country, produces enough to supply the wants of its inhabs. The seasants are all, or mostly all, proprietors. The plough is fuse only in the valleys; on the high grounds the peants break up the soil with the pick-axe and spade, and, improve it, carry up mould and manure in baskets om the valleys. Small reservoirs are prepared near tops of the hills and mountains, from which water is tout at pleasure in spring and summer; while, to prent the earth from being washed down the declivity, all stone walls are erected, so that, by dint of skill and fustry, cultivation is extended over tracks which would revuise be a continued surface of naked rock. Wheat, oats, harley, rye, and hemp, are the principal ins cultivated: in some favourable situations the vine grown; and the white wine of Montmelian is espeing steemed. The walnut is the olive of Savoy, suping the inhabs. with oil, not only for home consumpbut is also for exportation to France and Geneva. kernels are crushed by a mill, into a paste; which resed to extract the oil, and afterwards dried in a called pairs asser, esten by children and poor call of saving and the vine. The lativitated and poor extant products. Many mules and horses are bred to transit trade between France, Germany, and ltaly-e olive, though but little grown in the other parts; kingdom, is the chief article of culture S. of the nines. The land in the Genoese territory is gey hilly and rocky; but has mostly a S. aspect, suitry the olive and the vine. The cultivated land is seed to comprise about 1-4th part of the surface, and here is divided into very small farms, those to two laws and horses are bred to comprise about 1-4th part of the surface, and here is divided into very small farms, those to the rent of cultivated

stated, in a report from Genos, in the Parl, paper, No. 84, 6, that the average rest of childrend land war Genos in 200. ico 244. an acre! that wood and peature land, in ation, fetches 124. an acre of ran; and that the runt of rad, "where always and goats are sent to find, is 4. as acre! heard that this is pretty such on a level with the statement r Parl, power, that the government of Tamboff, in Russia, tarman 19 35,000,000 quarters wheat (for Tamboff,)

reut is paid in cash or in produce, as wine, oil, grain, &c. rated at a fixed price; but in the provs. of Novi and Levante the rent is paid, as is usual in the rest of the kingrated at a fixed price; but in the provs. of Novi and Leavante the rent is paid, as is usual in the rest of the kingdom, on the wetager principle; the landlord furnishing the land and 1-3d the seed, and receiving 2-3ds the produce. Wheat and malze are generally sown alternately on the same land: and good land is said to yield usually from 4 to 6 for 1, or double that quantity when it is tilled with the spade, as is customary in some parts. Each farm of 4 or 5 acres supports a family. Labourers get from &to 5t a year, with board and lodging. Their usual diet consists of indian corns, cheanuts, potatoes, beans, and fruit; making little or no use of butchers' meat. Women work in the fields, and tend the cows, in addition to spinning, weaving, and other domestic work, in which they are very industrious. The occupiers of farms are not in a prosperous condition; and we may add, that hely never will be in such condition while farms are so very small, and held under such a tenure. Paupers, however, are more numerous in the towns than in the country. The government makes no provision for the support of the poor; but there are various private charities for their assistance. (Part. Rep. on Agriculture, 1836.)

The mineral riches of this country are little explored; but iron of good quality, sead, copper, sulphur, management of the country are solved.

The mineral riches of this country are little explored; but iron of good quality, lead, copper, sulphur, mananese, and cobalt, abound in the mountains of Piedmont and Savoy. The mines of Pesey, in the Tarentaise, formerly yielded from 30,000 to 40,000 cwts. of lead, and about 4,000 marcs silver a year. Alahaster, fine marble, serpentine, slate, &c. are plentiful. Balt is found both in mines and in springs; and near Moutiers are government salt-works, said to produce 3,000,000 bis. a year. There are some forges, and other iron-works; but the principal manufactures consist of silk stuffs, velvets, and stockings, mostly consumed in Italy. Coarse woollen and linest goods are made in several provs.; and coarse stuffs for the rural pop. in Savoy. Sail-cloth, cables, house furniture, paper, white lead, glass, eartherware, optical and surgical instruments, jewellery, and works of art and wirks, are among the articles made at Genoa, Nice, and other principal towns; and there are numerous brandy and liqueur distilleries, and tanneries.

and tanneries.

Trade.—The great articles of export from the Sardinian States consist of raw and thrown silks, with silk stuffs and velvets, which are largely produced at Genoa; then come olive oil, whollens, paper, rice, vermicelli, and a variety of inferior articles. The leading articles of import consist of corn from the Black Sea, principally for. port consist of corn from the Black Sea, principally for the supply of Genoa and the surrounding district; raw cotton and cotton fabrica, sugar and coffee, indigo and other dye stuffs; hardware, cutlery and iron; sail-fish; tobacco, &c. it is difficult, however, to form any fair estimate of the trade of the kingdom; for, on the one-hand, a large proportion of the imports are not destined for the use of the country, but are merely received in transits for France, Switzerland, Germany, &c.; while, on the other hand, a considerable, though a less, proportion of the exports, coasists of products from the adjacent territories; and no distinction is made in the official returns between the portions of the imports and exports now referred to. In 1843, the total value of the imports was estimated at 186,000,000 lire, and that of the exports at 188,000,000 do. Genoa, Nire, and Cagliari, especially the first (which see), are the principal seats of the foreign trade of the kingdom.

All transit duties on goods passing through the Sar-

All transit duties on goods passing through the Sar-dinian states have been abulished. The duties on consumption in the interior of the kingdom are moderate. The imports of corn are principally from the Black Sea,

but partly also from Sicily.

but partly also from Sicily.

Government.— Down to 1649, the g-vernment was purely monarchical. It deserves credit for having constantly endeavoured, for a lengthened period, to restrain the extravagant privileges of the nobility, clergy, and corporations, and to enlarge the rights and immunities of the bulk of its subjects. Hence, says Count Pecchio. Pledimont was the first country which, in 1729, abolished nearly the whole system of feudal authority and personal service, leaving scarcely any but honorary privileges in force. It then also limited the right of primogeniture and of estal and consequently ways greater score to the

fervice, leaving scarcily any data holds of primogeniture and of entail, and consequently gave greater scope to the free cultivation of the soil; and diminished the powers of the clergy, more particularly that of investing land in mortmain. These constitution were revised and confirmed in 1770." (Hist. of Pol. Ecom., p. 232.)

But a strong desire for a more liberal system of administration had long been growing up in the country; and so powerful did it ultimately become, that it could no longer be thwarted without the imminent risk of revolution, or, at all events, of civil war. Under these circumstances, the late king, Charles Albert, issued, on the 8th February, 1848, an ordinance, establishing a representative system of government, from which we extract the following paragraphs, vis.:—
"Art. 1. The Catholic, apostolic, and Roman religion, is the sole religion of the state.

"The other forms of public worship at present existing are tolerated in conformity with the laws.

"Art. 2. The person of the Sovereign is sacred and inviolable. His Ministers are responsible.

"Art. 3. To the King alone appertains the executive power. He is the supreme head of the state. He compands all the forces both was land williams. Assumed power. He is the supreme head of the state. He com-mands all the forces, both naval and military; declares war, concludes treaties of peace, alliance, and commerce; war, concludes treaties of peace, alliance, and commerce; nominates to all offices, and gives all the necessary orders for the execution of the laws without suspending or dis-pensing with the observance thereof.
"Art. 4. The King alone sanctions and promulgates

the laws.

"Art. 5. All justice emanates from the King, and is administered in his name. He may grant mercy and

commute punishment.

"Art. 6. The legislative power will be collectively exercised by the King and by two Chambers.

"Art. 7. The first of these Chambers will be composed of members nominated by the King for life; the second will be elective, on the basis of the census to be

determined.

"Art. 8. The proposal of laws will appertain to the King and to each of the Chambers, but with the distinct understanding that all laws imposing taxes must originate in the elective Chamber.

"Art. 9. The King convokes the two Chambers applies."

in the elective Chamber.

"Art. 9. The King convokes the two Chambers annually, prorogues their sessions, end may dissolve the elective one; but in this case he will convoke a new assembly at the expiration of four months.

"Art. 10. No tax may be imposed or levied if not assemted to by the Chambers and sanctioned by the

King.
"Art. 11. The press will be free, but subject to repres-

"Art. 13. Individual liberty will be guaranteed.
"Art. 13. The judges, with the exception of those of mandamento, will be irremovable, after having exercised their functions for a certain space of time, to be hereafter determined.

We reserve to ourselves the power of esta-Art. 14. "Art. 14. We reserve to ourselves the power of esta-blishing a district militia (sum militis commande), com-posed of persons who may pay a rate which will be fixed upon hereafter. This militia will be placed under the command of the administrative authority and in depend-ence on the Minister of the Interior.

"The King will have the power of suspending or dissolving it in places where he may deem it opportune

so to do.

The fundamental statute which is about to b pared by our command, in conformity with these bases, will be put in force when the new organisation of the communal administrations shall have been carried into

effect.

"Whits we thus provide for the highest emergencies of political order, we are unwilling to defer any longer the accomplishment of a desire which we have cherished for some time—namely, that of reducing the price of alt to 30 centimes per kilog, from the 1st of July next ensuing, principally for the benefit of the poorer classes of society, persuaded, as we are, that we shall find amongst the wealther that compensation for the public treasury which the necessities of the state require."

This liberal system of government has since here fully

which the necessities of the state require."
This liberal system of government has since been fully established; and, notwithstanding the critical circumstances under which the country has been placed by the prevalence of revolutionary doctrines in Italy, the unsuccessful termination of the contest with Austria, and the abdication and death of its author, the new system has succeeded extremely well; indeed, the proceedings of the Sardinian chambers contrast most favourably with those of the greater number of the continental representative assemblies.

In each prove the whole power of covernment is en-

tative assemblies.

In each prov. the whole power of government is entrusted to an intendant, who, like other functionaries, is appointed by the king; who, of course, may, also, dismas him at pleasure. Intendants of an inferior grade are appointed for districts and towns, who manage all the public business of their respective localities, though every town warning in its number of members. pointed for districts and towns, who manage all the public business of their respective localities, though every town has also a magistracy, varying in its number of members according to circumstances, which regulates its municipal and private affairs. In each district is a judge, with authority in civil causes, to the amount of 300 lire; but from whose decision appeal may be made, when the amount exceeds 100 lire. Each of the 40 provs., into which the country is now divided, has a tribunal, with a president, from two to six councillors, a government advocate, &c. In 1838, a new code of laws for the Sardinian States was adopted, which, though certainly an improvement on the heterogeneous code it replaced, exhibited some glaring defects. Among others, the use of torture was retained in certain cases; the most arbitrary means were used to extend the Roman Catholic religion; and Jews were subjected to the most illiberal restrictions. But some very important changes have been made in the interim; and, notwithstanding the strenuous opposition of the clergy, all cases, whether of a civil or

criminal nature, in which they are parties, are now tried by the ordinary tribunals of the country. The whole population is Roman Catholic, except about 7,000 Jews, 21,000 Waldenses in the N. W. part of Pladmont, and a few Protestants in Genoa, and elsewhere. Public instruction is less diffused than in Austrian (taly, and is in general of a very inferior kind. The principal university at Turin has four faculties, and about 1,500 students. Genoa, also, has a university, and there are secondary universities at Chambery, Asti, Mondovi, Nice, Novara, Saluzzo, and Vercelli, with 27 royal colleges in the larger, and 54 communal colleges in the smaller towns. The professors may be either clergymen or layene, but where the candidates are otherwise equal-clergymen are usually preferred. It is due to the old Sardinian government to state that it discovered of his years a very enlightened spirit, and did much for the haprovement of its subjects. Echools and colleges, as well as most branches of the public service, were masterially ameliorated. Various new and wholesome laws were enacted for the regulation of communes, roads, weights and measures, sanitary police, vaccination, prisons, forests, the game laws, &c. A good many roads, canals, and bridges, were constructed, and hospitals, museuma, baths, and public establishments of all kinds, were founded; the harbours were improved; light-houses and barracks built, and the army was re-organised.

The Piedmontese infantry is composed of two classes of soldiers, vis., the permanent and the contingent (Provinciali). The former serve 8 years in the standing army, and at the end of that term receive their discharge from all future service. The latter serve nominally is years, during 8 of which they are considered as forming army, and the remainder they belong to the reserve. They are consequently divided into 16 annual contingents, 8 for the first period, and 8 for the second. Each soldier has to perform active services for 14 months after his enrolment, on completing which he ma

the remainder of the first term of 8 years to re-enter temporarily the ranks, for the annual formation of a camp of manœuvres, or upon any occasion of state emergency. The Sardinian army on the peace establishment consists of about 38,000 men; but in time of war it may be raised to 147,500 men, of whom 113,000 are infantry, 11,000 cavalry, 10,600 artillery, and the remainder guards, veterans, &c. Perhaps no country is Europe has a better organised army, or a finer soldlery, in proportion to its extent. The subaltern and field officers are, in general, a fine body of young men, well educated in the duties of their rank. But the general officers are not supposed to possess the experience adequate to the proper exercise of their commands, inasmuch as they mostly owe their rank to court intrigue and royal favour, and not to the value or length of their services. In this respect, however, Sardinia is not singular. Napoleon and Frederick the Great selected their officers, because they were aware of their merit, and cared for nothing else. But ordinary sovereigns can do nothing of the sort; and court favour and parliamentary influence, without regard to merit, must, speaking generally, be at all times completed in the disposal of places in the army, as in everything else. According to the statement of the finance minister, Signor Nigra, the revenue, in 1850, was estimated at \$0.000 fires.

According to the statement of the meance minister, Signor Nigra, the revenue, in 1850, was estimated at 90,978,466 lire, and the expense at 110,400,000 lire. But this was an exceptional year, the expenditure being increased by including in it a portion of the expenses of the late war. The debt amounts to 880,000,000 lire, including 1,000,000 lire.

this was an exceptional year, the expensiture besing iscreased by including in it a portion of the expenses of the late war. The debt amounts to \$80,000,000 lire, including 74,000,000 borrowed on account of railways, and 75,000,000 of indemnity to be paid to Austria. The only exemptions from the land-tax are in favour of the royal palaces, domains, and manufactories; the residences and gardens of the clergy, churches, and churchyards.

Savoy was the nucleus of this monarchy, it was governed, as early as the tenth century, by its own counts, whose descendants acquired Nice in 1289, and Piedmont in 1418. The sovereigns of Savoy and Piedmont were long celebrated for their ability and the skill with which they preserved and extended their limited dominions, notwithstanding the difficulty of their position in the immediate vicinity of the great European powers. This territory was recognised as a separate kingdom at the peace of Utretht, in 1713. Skily was then added to the Piedmontese dominion; but, in 1738, it was exchanged for the island of Sardinia. Genoa and its territory, Monsco, &c., were annexed to the Sardinian crown at the peace of 1816. In 1848, the king, Charles Albert, put, or rather was compelled to put, himself at the head of the movement in Italy for the expulsion of the Austrians. At first his efforts met with some success; but having been defeated in the decisive battle of Novara, he abdicated in favour of his son Victor Emmanuel. The latter immediately concluded a treaty should be paid, as stated above, an indemnity of 75,000,000 lire on account of the expenses of the war. Charles Albert, died at Oporto on the 28th July, 1848.

SAREPTA.

SAREPTA, a town of European Russia, near the frontiers of the government of Saratoff, on the Sarpa, near its confisses with the Wolga. Pop above 3,000. This town was founded, in 1765, by a colony of Hernhutters in Moravis: it is well built, nest, clean, and fortified, so as to be secure from the predatory incursions of the contiguous somadic tribes. Its inhabes, are distinguished by their industry: they manufacture linens: silk and cottos stuffs, with stockings and caps, in great request all over the supple. They also ruises and manufacture tobacco, distil spirita, &c.

SARGUMINES, a town of France, dep. Moselle, cap, arrond., on the Sarra, 41 m. E. by N. Metz. Pop., in 1864, 483. This town, under the name of Guemond, was formerly ose of the strongest in Lorraine; but no portion remains of its ancient fortifications except a dismanufacture of cotton thread, forks, spoons, and carthenware of a superior quality; and is the energy of the proper, and be superior quality; and is the energy of the proper, and the superior quality; and is the energy of the paper, (bcf. dies.; cleate des Vogangesr.)

SARI, a very ancient city of Persia, prov. Mazanderus, of which it is the cap, about 18 m. from the S. shore if the Caspian, and 115 m. N. E. Teheram. Previously o 1856 it is said to have had from 30,000 to 40,000 inhabs. The cart discussion is surrounded by a ditch and a mud all, flanked by pentagonal brick towers. The gateways are fallen down, and roads have been broken through and the energy discretion. The appearance of the

14.); but shall take **rase** ** **Paw** on the Caspina**, 14.); but about that time it was nearly depopulated the plague. "Sari is surrounded by a ditch and a mud all, flanked by pentagonal brick towers. The gateways ire failen down, and roads have been broken through e wall in every direction. The appearance of the wn differs essentially from that of any other in Persia of Elburs. The houses are built of burnt brick, and ally tiled; some of the streets are well paved; and, ough the marks of run are every where visible, Sari isomething of the appearance of an English village, or ill marks-town." (Mejor d'Arcy Toels, for Grogr. **rasi, vill. 104.) Sari is frequently mentioned by the Fordonal. Its vicinity is flat, woody, and well red. (**Esméer's Persian Empire, 163.)

ARK, or SERCQ, one of the islands belonging to us Britain in the English Channel, lat. 49° 36" N., 2° 34" W., intermediate between Guernsey and Y, 7 m. E. the former, and 9 m. N.W. the latter; h. and greatest breadth, about 3 m. each. Pop., in 785. It is divided into two portions, Great and Sark, unlited by a narrow neck of land. It differs from the adjacent islands in its physical features. toll is sandy, and produces most kinds of grain getables. A good many fish and sea-fowl are taken its coasts. The inhabs. make cheeses, and knit getables. A good many fish and sea-fowl are taken its coasts. The inhabs. make cheeses, and knit getables. A good many fish and sea-fowl are taken its coasts. The inhabs. make cheeses, and knit getables. A good many fish and sea-fowl are taken its coasts. The inhabs. make cheeses, and knit getables. A good many fish and sea-fowl are taken its coasts. The inhabs. make cheeses, and knit getables. A good many fish and sea-fowl are taken its coasts, due to the head of the rivor Sarno (an.), 114 m. N.W. Salerno. Pop. estimated at 12.00. vell built and flourishing town, having a handwhedral, several courvents, an old castle, belongate Barberrini family, a seminary, hospital, some us baths, and manufactures of paper and cop

its vicinity, and manufactures of paper and copper is celebrated in history for the desperate battle its vicinity, anno 583, between the troops of under Narses, and the Goths under their king The entire defeat of the latter, and the death of arch, terminated the Goths kingdom and Italy. (Glbbon, vii. 201.; Crosen's Tour in the fc., ii. 185—185.)

IE, a dép. of France, reg. N.W., between lat. 148° 40° N., and long. 0° 25′ W. and 0° 50′ E.; Orne, R. Eurs-et-Loir and Loir-et-Cher, S. oire and Maine-et-Loire, and W. Mayenne. ompact shape, 60 m. in length, N. and S., by same in breadth, E. and W. Ara, 621,600 'op., in 1846, 474,876. Surface generally level, ie N. W., where there are a few hills. The rers are the Sarthe, with its tributaries the ine, and Loir. The Sarthe rises near Morst dep. Orne, and runs with a very tortuous and S. W., to the vicinity of Augers; near vives the Loir, and unites with the Mayenne maine, after an entire course of nearly 160 m. lentury it was mavigable to Le Mans, but its now difficult for some distance below that s Le Mans, Alençon stands on the Sarthe, is dép. is very various; in some parts there s, but poor sandy tracts predominate, especie. In 1834, the arable lands were supprise 293, 496 hectares, meadows 58,120 ditto, 081 ditto, orchards 19,479 ditto, and woods Wheat, barley, and rye are the principal

corn crops; and are sufficient, along with potatoss, so which at least 1,150,000 hectol, were raised in 1935, for the consumption of the pop. The produce of wine is not enough for the consumption; but about 220,000 hectol; of cider and perry are said to be annually manufactured. Live stock pretty abundant and good. Because are but little reared; and the wax, in which Le Mans are but intile reared; and the wax, in which Le Mans has a considerable trade, comes mostly from the neighbouring deps. In 1835, of 124,521 properties subject to the contrib. foncière, 46,607 were assessed at below 5 fr., 22,949 at from 5 to 10 fr., and 20,482 at from 10 to 20 fr. Hardware, paper, woollen fabrica, leather, wax, randles, sail-cloth, glass and earthenware, soap, and candles, sall-cloth, glass and earthenware, soap, and other articles of necessity, rather than of luxury, are the goods principally manufactured in Sarthe. The iron forges, &c., produce annually about 1,000,000 kilogr. of good iron. The framines of Maine formerly enjoyed a great celebrity, but other fabrics have superseded them; so that St. Calais, and other towns where they were chiefly made, have fallen into decay. Sarthe is divided into 4 arronds.; chief towns, Le Mans the cap., La Flèche, Mamers, and St. Calais. It sends 7 mems. to Ch. of Dep. Registered electors, in 1838-39, 2,345. Total public receptor, in 1838-39, 2,345. Total 1831, 10,538-390; fc. In this dire the Ch. of Dep. Registered electors, in 1838-39, 2340. Total public revenue, in 1831, 10,638,207 fr. In this dêp. the fenales among the peasantry, and even in the classes above them, appear to enjoy but little consideration. 'S I hamilresse (la fermière) accouche, on demande: 'Est-ce un gas?' Quand le contraire arrive, on dit: 'Ouen, ce n'est qu'une créisture' (une fille); et, en effet, un homme a ici quatre ou cinq fois autant de valeur qu'une femme.

a ici quatre ou cinq fois autant de valeur qu'une femime. Telle forte et robuste servante, propre à tous les ouvrages, ne gagne que 36 fr. et sa nourriture par an, tandis qu'un laboureur est payé de 180 à 200 fr. pour l'année." (Bugo, att. Sarthe; Dict. Géog.; French (Micial Tables.

SARUM (OLD), an aucient, and now totally ruined city and bor, of England, co. Wifts., ou a hill, 2 m. N. Salisbury, or New Sarum, which see. It was the Sorbiotonum of the Romans; and, being surrounded by walls and defended by a castle, became a place of considerable consequence under the Saxons. Under William the Conqueror, the bishop of Shireburn and Sunning removed his see thither; and such was its importance, that parliaments were held in it under subsequent Norman kings. But it always laboured under various inconparliaments were held in it under subsequent Norman kings. But it always laboured under various incon-veniences, the principal of which was the total want veniences, the principal of which was the total want of water; and in consquence of this, and of disputes between the crown and the church as to the possession of the castle, the inhabs. began gradually to remove to the more convenient situation of New Sarum, or Salisbury; and the seat of the bishopric being translated to the later, in the reign of Henry III., Old Sarum fell into a state of total decay, and was almost wholly deserted in the early part of the reign of Henry VII. For a lengthened period there has been hardly even any vestiges of its ruins. (Camden, Gibson's ed., p. 114.)
Old Sarum sent 2 mems to the H. of C. in the reign of Edward III.; and not withstanding its total decay, the proprietor of the burgage tenures in the bor., or of

proprietor of the burgage tenures in the bor, or of the land on which it once stood, was permitted to exer-cise this important privilege in its name down to the passing of the Reform Act, when it was disfranchised. Not having a single house or inhab., Old Sarum afforded Not having a single nouse or thanh, that Sarum afforded the most perfect example of a nomination bor. The property several times changed hands; and though the estate was of little intrinsic value, the privilege it possessed of manufacturing two law-makers for the British empire, made it sell for a very large sum. It may well excite astonishment that such an outrage on the principle of representation should have been permitted to exist for each extended a resided.

ciple of representation should have been permitted to exist for so lengthened a period.

SARUN, a district of Hindostan, presid. Bengal, prov. Bahar, and one of the richest and most prosperous in British India, between lat. 25° 30° and 27° 20° N., and the 84th and 96th degs. of W. long.; baving W. Goruck-poor, S. Ghazepoor, Shahahad, and Patna; E. Tirhoet, and N. Nepaul. Length, N. to S., about 110 m.; breadth, varying from 25 to 90 m. Area, 5,760 sq. m. Pop., in 1822, 1,464,075. It is well watered; the Ganges forms its entire S. boundary, and the Gunduck interessets its entire S. boundary, and the Gunduck interessets its 1822, 1404,075. It is well watered; the tanges forms its entire S. boundary, and the Gunduck interesets it near its centre; it supplies in abundance all the principal products of the East, besides good timber for ship-building, masts, spars, &c. There is little jungle or waste land; cattle, though not numerous, are of good

or waste land; cattle, though not numerous are of good quality. Manufactures lew; the principal is that of salipetre, a great deal of which is produced in this district. The Mohammedans form but a small portion of the entire pop, Chief towns, Chuprah, Bettlah, and Maissy. Total land revenue, in 1829-30, 15,66,563 rupees. (Hamilton's E. I. Gaz.; Part. Reports.)

SASSARI, a city of Sardinia, cap. of its N. division, in the N. W. part of the island, on the Turritano, about 10 m. from its mouth at Porto Torres, in the gulf of Sassari, 85 m. N. by W. Oristano, and 100 m. N. N. W. Cagliari. Lat. 39° 29' N.; long. 8° 35' 20" E. Pop. in 1838, including its commune and port of Torres, 24,408. It is surrounded by a wall, strengthened by square towers, with five gates and a citadel, the latter being now Un 2

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used merely as a barrack. It has a good main street; and is surrounded by public walks, shaded by trees. Sassari has numerous churches, convents, and nuneries, a Tridentine seminary, and a public hospital. The cathedral, a massive structure, has a disproportionneries, a Tridentine seminary, and a public hospital. The cathedral, a massive structure, has a disproportionately large, and very elaborate façade; but its interior is clean and airy, and it has several good sculptures, including a monument by Canova. The university is established in the former Jesuit's college. The palace of the governor is an extensive editice, and the public buildings in general are well adapted for their intended purposes. There are some pretty good inns and coffee-houses, and the shops are fully equal, if not in some instances superior, to those of Cagliari. (Smyth's Sardinia, pp. 267, 263.) It is the seat of an archbishop, of a tribunal of secondary jurisdiction, with appeal to the Audienza Reade of the island, and of a ribunal of commerce; and is the residence of the vice-intendant and vice-treasurer of Sardinia, and of a military governor. It has a considerable trade in tobacco, oil, fruits, &c. Porto Torres (an. Therris), its port, i Om. distant, acan only accommodate small vessels; ships of large size leng obliged to aurehor in the roads nearly one mile outside, where, however, the anchorage is pretty good. Sassari rose on the decay of Turris, during the insecurity of the middle ages. Agriculture appears to be better conducted in its vicinity than in any other part of the siland. Immediately without its walls is the fountain of Rosello, an abundant source of water, embellished with much architectural ornament. (Smyth's Present State of Sardinia; Qflicial Reports, &c.)

3A SBBACH or Saltsbach, a village of the Grand

of Rosello, an abundant source of water, embellished with much architectural ornament. (Smyth's Present State of Sardinia; Official Reports, &c.)

SASBBACH or Salitvach, a village of the Grand Duchy of Baden, bailiwick of Achern, at the foot of the mountains of the Black Forest, on an affluent of the Acher, 17 m. E.N.E. Strasburg. This village, which has about 1,000 inhabs., has acquired a high degree of historical interest from the famous Marshal Turenne having been killed in its vicinity, by a random shot, on the 27th of July, 1675. The circumstances attending the death of this great general have been detailed by Voltaire (Siècle Louis XIV., cap. 12.), and other distinguished writers. His remains, deposited by order of Louis XIV. in the royal burying-place in the abbey of St. Denis, escaped, at the zer of the Revolution, the fanatical violence that scattered the dust of so many kings. At length, after various vicissitudes, they were deposited in the church of the Invalids, by order of the still more illustrious captain now entombed within the same sacred precincts. A monument, in honour of Turenne, erected in 1751 on the place where he feli, was repaired in 1801 by Moreau, and was reconstructed of granite in 1829. The funeral orations in honour of Turenne, by Flechier and Mascaron, are ckeft-d'crawere.

orations in honour of Tureane, by Flechier and Mascaron, are CAP3-d'aware.

BATALIEH, or ADALIA. See ADALIA.

SATTARAH, a considerable town and fortress of Hindostan, prov. Bejapoor, about 60 m. S.S. E. Poonah.

Lat. 170 43' N.; long, 740 13' E. The fort stands on a carped hill; at the foot of which is the town, built partly of stone, and partly of mud or unburnt bricks, but comprising no edifice of note, if we except a new palace built within the last 20 years. The fort, though naturally strong, was taken by Sevajee from the Bejapoor sovereign in 1678, by Aurungzebe in 1690, and by the British and is impoor sovereign in 1673, by Aurungache in 1690, and by the British in 1818. The British cantonments are about 2 m. to the E. Sattarah was, under Sevajee and his immediate successors, the cap. of the Mahratta Empire. The Sattarah rajahs, however, had been reduced to the condition of rois faincasts by their ministers, the Peishwas, for a lengthened period previously to 1818, when the British vested the rajah with a limited authority over a portion of the dominions of his ancestors. The Sattarah territories since then have comprised an area of about 8,000 aq. m., with a pop. of, perhaps, 1½ millions. In his evidence before the committee of the H. of C., in 1830, Colonel Briggs stated, "The administration of the government of Sattarah may be deemed a good specimen of the management of a native government. The country is divided into districts, each yielding from a lac to 1½ lac of rupees, containing from 150 to 200, and even 300, villages. Over this district is an officer, caled a soubabdar. That district is then subdivided among a great number of junior officers, each having from 6 or 8 to 30 villages under his charge. The whole civil and judicial business is conducted through those officers. The annual assessment of the land is fixed with reference to the sum yielded in former years; the assessment varying every year with the quantity of land cultivated. The revenue is always paid in money." In 1828, it amounted to about 15,60,000 rupees. This state was subsidiary to the British till about 1839, when the rajah, having been detected in a conspiracy against the British authorities, was dethroued, his dominions having since that time been amalgamated with and administered under the Bombay Presidency. (Hamilton's Gazetteer; Pari. Reports.)

SA VANNAH, actly and port of entry of the U. States, state Georgia, on the river of its own name, about 13 m. Stota States and the state of the state of the sum of the U. States.

N., long. 81° 3' W. Pop., in 1840, 11,214. It stands on bluff andy point, rising about 40 ft. above the iver, from which it has an imposing appearance; its spaces and regular streets, and handsome public buildings, being from which it has an imposing appearance; its spaces and regular streets, and handsome public building, beig interspersed with many trees, &c. Previously to 183, when it suffered from a terrible fire, it was mostly build of wood, and it was formerly also insalubrious from the contiguity of rice swamps. This evil has, however, bee effectually obviated; and being now principally of our stone houses, it is one of the handsomest towns in the States. It has numerous churches, an exchange, axismies, &c. It is one of the principal ports in the U. States for the export of cotton, the shipments from it, in 183, being 405,406 bales, whereof 217,665 were for farigaparts. It also exports considerable quantities of fix. Almost the entire foreign trade of the state, the export from which amounted, in 1849, to 6,837,806 doll., is exried on from Savannah. The imports are trifling, beign, in the same year, 371,024 doll. There belon, die the port, in June, 1849, 19,222 tons shipping. (America Official Returns, &c.)

SAVE (Germ. Seus, an. Sarus.), a river of the Austrias empire, and one of the principal tributaries of the Denube. It rises towards the N. extremity of Carsiola, in about lat. 46° 30° N., long. 14° E., and runs at first S.B. through the government of Laybach and Crosis, to about lat. 45° 18′, long. 17°. It thence has are of an E. direction, forming the boundary line between the Austrian prov. of Slavenia on the N., and Tartiah Croatia, Bosnia, and Servia on the S., till it enters the Danube at Belgrade, after a course of about 590 m. (Berghasse.) Its chief affluents are the Kulpa, Unan, Verbas, Bosna, and Drina. Though not very rapd, its inundations are often very destructive. Being angabt as far as the mouth of the Kulpa, for vessels of fron 190 to 200 tons, it is a good deal used for commercial perpose. Few towns of any consequence are, howere.

to 200 tons, it is a good deal used for commercial papposes. Few towns of any consequence are, however, situated on its banks, the principal being Brod sal Krainburg; Laybach, Agram, Petrinia, and Posega are, however, at no great distance, and some of them are seated on its tributaries.

SAVERNE (an. Tobernsen), a town of France, displaces the sale of the sale seated on the tributaries.

Pop. in 1846, inc. com., 5,371. Though finely situated, it is but indifferently built, and has no remarkable edifice, except an old palsee, formerly belonging to the bishops of Strasbourg, but now used for the police barracks and prison. The town has manufactures of woollen cloths, hosiery, hardware, &c, with some trade in timber floated down from the Vogeb by the Zorn. by the Zorn.

by the Zorn.

SAUGUR, or SAUGOR, a large town of Hindoria, prov. Malwa, in the ceded districts on the Nerbudda, lat. 23° 48' N., and long. 78° 47' E.: taken by the British in 1818. Saugor is also the name of an island of the Sunderbunds, at the mouth of the Hooghly, about 60 m. S.S.W. Calcutta. A railway to connect it with that city was projected a few areas of the connections of the same probability. S.S.W. Calcutta. A railway to connect it with the city was projected a few years ago, and is now probably

city was projected a few years ago, and is now probably completed.

SAUMUR, a town of France, dep. Maine-et-Lore, cap. arroud., on the Loire, 28 m. S. E. Angers. Pop. is 1846, inc. com., 11,057. The Loire here forms served lislands, and is crossed by five or six bridges, one which, a stone bridge of 12 arches, 284 /4a. in length, long considered as one of the finest in France, concept the town with its suburb of La Croix Verte. Saumar is built partly at the foot, and partly on the declivity, of a hill crowned by a citadel. Its lower portion is tolerably well laid out, and has a handsome quay and terrace facing the river; but the upper town is irregular, so the streets inconveniently steep. The častle, which appears to have been constructed at different periods between the lith and 13th centuries, was the occasional residence of the kings of Sicily and the dukes of the losses of Valois: for some time previously to the Revelucia Revelucia was a state prison; it now serves as an arsenal. There are several churches worth notice; one of which, curous are several churches worth notice; one of which, curous are several churches worth notice; one of which, curous are several churches worth notice; one of which, curous are several churches worth notice; the seauty; having a fact dome supported on Corinthian columns, an altar a fact dome supported on Corinthian columns, an altar as mong. dome supported on Corinthian columns, an altar-by Philip de Champagne, &c. The barracks are an the best of that description of edifices in France; I the best of that description of edifices in France; they are four stories in height, and can accommodate men. The town-hall, public library, public bath from the town is a famous riding-school. It has manufacture of linen cloths, handkerchiefs, necklacos, copper iron wares, leather, saltpetre, &c.; with a brisk trade in provisions, and I large annual fairs. Inglis says he should more airy and lively, the country quite as beautiful, and provisions are a shade cheaper. ** (Senticuland, Sp. 247.)

Samur was taken in 1026 by Fulk of Anjou, and, and many vicinsitudes, was annexed to the French crown in 1570. A Protestant academy, founded here by the famous

Buplesis Mornay, the friend of Henry IV., governor of the town for a lengthened period, was dissolved by Loris XIV. in 1624. (Hugo, art. Maine-et-Lories; Guide de Voyageur) Dict. Céaq.)

8 A VONA, a town and sea-port of N. Italy, in the Sardinian State, div. Genoa, cap. prov. on the Mediterranean, 20 m. 8 W. Genoa. Pop. (1838), with comm., 16,211. It has ramparts, which, however, are of no great strength, and many good public and private buildings; but its streets are narrow, winding, and badly paved. It had formerly two harbours, the best of which was filled by the Genoese in 1825, from jeal ousy of its capabilities: the other, formed by a mole projecting E. into the sea, is small, and is rather difficult of approach, from the accumulation of sand and mud near its mouth. Savona is a hishoy's see, and the seat of judicial and commercial tribunals; it has manufactures of silk goods, iron and earthenware, and exports oranges and lemona, grown in its vicinity. Savona was the birthplace of Popes Sixtus IV. and Julius II., and is said to have been for some time the residence of Columbus. Pope Plus VII. was also detained in it in 1810-11, by order of Napoleon. (Dict., Géog., 4c.)

also detained in it in 1810-11, by order of Napoleon. (Dict. Give., de.)

SAXONY (KINGDOM OF), a secondary state of Central Europe, and of Eastern Germany, principally between 1st. 500 10' and 510 200' N., and the 12th and 18th dega. of E. long.; having W. the indep. Saxon principalities; N. Prussan Saxony and Brandenburg, and S. Bobemia. It is of a triangular shape. Length, E. to W., about 140 m.; greatest breadth nearly 90 m. The ares, pop., subdivisions, &c., are as follow:—

	_			
Dresdan - Leipsic - Zwickan - Budimin -	:	1,670 1,338 1,786 965	464,107 417,941 669,114 256,171	277-9 311-6 374-6 296-5
Total		5,759	1,836,433	318-8

The pop., as given above, comprises 43,886 Wends or Vandale

The Erzg-birge (ore mountains), and the Riesengeirge (giant mountains), extend along almost the whole it the S. and S.E. frontier, but they nowhere rise to 600 ft. or elevation. Their declivity is more gradual dundulating on the Saxon than on the Bohemian is; so that they cover the greater part of the country the their ramifications, rendering it either mountainous hilly. There is, however, a very considerable extent level ground, extending from the foot of the hilly ct, or from Coldits, Meissen, and Bautzen, norther, all along the frontier of Prusian Saxony. The ntry to the S.E. of Dresden, where the Elbe forces its through the mountain chain, has been called the xon Switzerland." It is about 30 m. in length by no breadth, diversified, and highly picturesque; but The Erzgebirge (ore mountains), and the Riesenge non Switzerland." It is about 30 m. in length by n breadth, diversified, and highly picturesque; but same is likely to convey a wrong impression of its rry, its highest summit, the Schneeberg, being 2,150 ft. in height. The spurs given off by the ebirge to the N. enclose the valleys of the Elbe, wo Muldas, the Zochoppau, Elster, Pleisse, &c., all itch flow to N.W., and, except the first, which is able throughout the whole extent of the kingdom, Saxony. Saxony.

ony has a milder climate than most parts of conti-

Saxony.

Ony has a milder climate than most parts of contiBurope in the same lat.; the mean temp. of the
about 470 Fah.; that of the winter quarter being 350,
the summer 590, at an average of the entire counich has a mean elevation of about 1,100 ft. above the
anded properties are rather of limited size; but in
rural districts the people appear to be contented,
the whole, comfortable: pauperism is rare.

In to Mr. Gleig, "There is, perhaps, no country
world where more is made of the land than
Every spot of earth which seems capable of
return is cultivated; and the meadows are
wice or thrice in the course of each summer.

er meet with such a thing as a common or
ille the forests are all guarded with a strictness
nate to their value. As farmers, I should say
Jaxons were more clean and industrious than
l'he fields are always well cleared of weeds,
eir crops they have a succession: but the faain is rye; and either because it does not repampered, or that manure is a scarce article
they do not seem disposed to fatten the soil
tly. "" (Germany, &c., i. 237-38.) Rye, wheat,
are scarcely grown, except in the low counmountain region they are met with only in
oats and potatoes being there the chief crops.

hes. millet. teasel, fax. oil seeds. tobacc. and oats and potatoes being there the chief crops. hes, millet, teasel, fax, oil seeds, tobacco, and etables, are pretty generally cultivated; and

ous, from this extract, that Mr. Geig knowf nothing; but his test importy as to the appearance of the country stilling, of some value.

DNY:

artificial grasses are nearly universal. But, notwithstanding the improvement of agriculture, and the industry of the people, considerable quantities of corn have to be imported. A great deal of fruit is grown; and between 7,000 and 8,000 morgen of land are occupied with vineyrards. In 1832, upwards of 53,000 etienrs of wine were made, some of very tolerable quality. The forests, which occupy about 1-4th part of the entire surface, consist of fir, pine, beech, ask, elm, maple, larch, &c. Upwards of 1-3d part of the woods belongs to the crown, yielding an annual revocus of 2,000,000 dollars; and nearly 10,000 individuals are engaged in wood-cutting. Saxony is celebrated for her breeds of sheep, which are among the finest in Europe. The late king, when elector of Saxony, introduced the breed of Merino sheep into his dom., and exerted himself to promote the growth of this valuable race of animals with such success, that they are now found to succeed better in central

growth of this valuable race of animals with such success, that they are now found to succeed better in central Europe than in Spain; and, not with standing the rapidly increasing importations from Australia, the greater portion of the immense quantity of wool that we import still continues to be brought from Saxony and other German states. According to Berghaus, there are only 636,000 sheep in the kingdom; but we apprehend that there must be some signal error in this statement, and that their number must be very materially greater. Indeed their must be some signal error in this statement, and that their number must be very materially greater. Indeed, they are stated, in Horschelman's Stein (ii. 475.), to exceed 2,000,000. We may farther state that, in 1837, Prusian Saxony had above 2,000,000 sheep; and though it be more extensive than the kingdom of Saxony, we believe it is not so well stocked as the latter. The best wool is represented by the here well's fight Saxon. Series is not so leve it is not so well stocked as the latter. The best wool is produced on the sheep-walks of the Saxon Switzerland, The cattle of Saxony, the number of which exceeds 50,000, are also of a superior description; but the butter is usually indifferent, while, to increase its weight, it is frequently overloaded with salt. But, such as it is, the demand for it is universal. "Never," says Mr. Strang, "did I witness so much butter daily consumed, as I have seen since I entered this kingdom. Here, in short, bread and butter is the order of the day at all hours. It is the perpetual family staple, and essential as a make-weight at every meat. You find it with equal propriety at breakfast, at lunch, at dinner, and at supper. A larder in Saxony may well be called the buttery!" (Germany, &c., i.140.) Horses are not so extensively reared as other live stock, and hogs are not numerous. The game laws are very rigidly enforced, all sorts of birds being included in their enactments; and rights of fabing, &c., appear to be preserved

menta; and rights of fishing, &c., appear to be preserved with the most scrupulous tenacity.

Mining is one of the principal occupations of the inhabs. Few parts of Europe equal the Errgebirge in the variety and extent of their mineral riches. The the variety and extent of their mineral riches. The beasts of these mountains is grantie, covered by gneiss, mica, and clay slate in succession, between which are other strata containing metallic ores. Upwards of 500 mines are wrought, which are said to employ about 11,000 workmen; and between 50,000 and 60,000 persons, or about 1-30th part of the entire pop., derive their subsistence from mining industry and the manufacture of metallic products. The total annual value of the metals obtained is estimated by Berghaus, as 1,750 000 dollars. or about 1.30th part of the entire pop., derive their subsistence from mining industry and the manufacture of metallic products. The total annual value of the metals obtained is estimated, by Berghaus, at 1,760,000 dollars; the silver producing nearly 320,000, and theiron and ironwares 400,000 dollars. Lead, bismuth, arsenic, antimony, cobalt, and manganese are the other principal metals. Freiberg (which see, 1863.) is the centre of the silver mining district. The neighbourhood of Meissen yields the fine porcelain clay, of which the "Dresden China" is made. About 14 million scheffe! coal are annually produced. Salt is scarce, since the salt mines, formerly included in the Saxondom, were separated from them in 1815, and this important necessary is mostly imported from Prussia. Serpentine marble, and fine building shone, are abundant; as are various gems, including the topas, jasper, agate, tournalline, &c.

The most important branch of manufacturing industry in Saxony is that of cotton. Its extension has been stributed to the nearly contemporaneous introduction of the postato, called by German writers the "manna of the mountains." and which has enabled the Saxon weavers to obtain a sufficiency of food at exceedingly low wages. In 1830, there were in Saxony 86 spinning establishments, having 361,302 spindles, employing 5,380 adults, and 2,445 children: of these establishments, only 3 were wrought by steam. In 1837, there were 124 spinning establishments, with 490,325 spindles, p. 35.)

Most deserbotions of cotton fabrics are now produced.

Most descriptions of cotton fabrics are now produced, and many new factories have been established in Chem-nits, Zwickau, Auderan, Freyburg, &c. Great efforts are making to improve the construction of machinery; and making to improve the construction or machinery; and joint-stock companies for the purpose have been established near Chemnits and Dresden. Coal has within these few years been found in the neighbourhood of Dresden; and it is said that the mines are becoming productive, and promise a good supply. Cotton-printing works are on the increase, and have been much improved SAXONY.

within the last few years. Although the Saxon prints, in general, are not equal to the best English in beauty of pattern or brightness and fastness of colouring, they are said to make up for these deficiencies by the cheaper rates at which they can be produced. (Keyser, the Handloom Wewere' Report, part II. 510, 511.) The only article, however, in which the Saxons come into competition with us in the American and other foreign magnets is cotton hosiery, particularly the inferior descriptions. Dr. Bowring says that he had seen some atockings intended for the American markets which were sold at the rate of 3s. 4d. adozen! The number of stocking-frames amounted, in 1815, to about 9,000; in 1831, to 14,000; and in 1836, to 20,000. The number of master-workmen, in 1831, was 7,165; hired workmen, 3,444; apprentices, 2,852; in all, 12,461 persons. The number of frames in work was 13,841, and the average weekly return per frame was 1 doil. 4gr., = 3s. 4d. sterling. There is no branch of industry which seems more appropriate to Saxony than this. It requires only a small outlay of capital for the stocking-maker; his wooden frame is not expensive; the cost of his stock of cotton twist is small; and by associating agricultural with, manufacturing industry, he supplies himself from his own little farm with the principal necessaries. If we may depend on the statements of Bowring and others, it would appear that the stocking-weavers of Saxony are in a state of progressively increasing prosperity. Most of them are independent abourers, buying for themselves the raw material and selling their manufactured stockings to a number of small collectors, who furnish the Chemnits or the Leipsic markets. (Bowring's Report, p. 36.)

We confess, however, that we are not a little sceptical as to several of these statements, and have very great doubts whether persons in the condition of the Saxon stockings-weavers can ever come into competition with those of England in the production of any but the

doubts whether persons in the condition of the Saxon stocking-weavers can ever come into competition with those of England in the production of any but the coarsest description of goods. In illustration of what is now stated, we may mention, that during the year ended the 30th of September, 1839, hosiery of the value of 412,410 dollars was imported from the Hanse Towns into the United States, of which, probably, the principal portion was from Saxony; and this, with yarm of the value of 22,810 dolls. made up the whole of the imports of cotton goods into the United States from these ports in the course of that year! (Official Report by Congress.)

of the value of \$2,310 dolls., made up the whole of the imports of cotton goods into the United States from these ports in the course of that year! (Official Report by Congress.)

The manufacture of linen in Saxony is also of considerable importance. The weaving business employed, in 1839, from 12,000 to 13,000 looms; of which about \$50, employing about \$,000 persons as weavers, loom-builders, pattern-drawers, &c., were appropriated to the weaving of damasks and table-linen. The weekly earnings of the damask weavers vary from about 2s. 3d. up to 7s. 6d; but for white linens the utmost amount of a man's wages, per week, would be from 2s. to 2s. 4d. ster-ling. The spinning of flax employs numerous hands; but notwithstanding about 10,000 cwt. of yarn is annually imported from Silesia, Bohemia, &c., and latterly there have been considerable (IQ,000 cwt. of yarn is annually imported from Silesia, Bohemia, &c., and latterly there have been considerable (IR, 1837) there were in Saxony 125 establishments for rombed yarn, with 30,765 spindles; making together 101,851 spindles, being an increase of 31-1 per cent. since 1834, and of 127 per cent. since 1834. The progress of the Saxon cloth manufactures in the three years from 1834 to 1837 is stated, in an official report, to have been greater than in the 30 years preceding! Great improvements have been introduced, not only in the fabric, but in the finish of woollen goods, particularly by the introduction from the Netheriands of a new steam brushing machine. In 1839 the woollen manufacture employed from 3,000 to 4,000 kooms, which produced about 160,000 places of cloth. Much attention has been paid of fate to the manufacture of machinery; though it be still far behind what is met with in the manufacturing districts of Great Britain. The Jacquard loom is gradually being introduced, and there are schools of manufactures of promoting the culture of silk, and some establishments for the propagation of the worms exist at Dreaden of Great Britain. The Jacquard loom is gradually

in Saxony; the chief deficiency is in paper, of which the Saxon manufactures do not produce nearly enough a the immense consumption of the presses of Leipsic and the Leipsic and the presses of Leipsic and the leipsic and the presses of Leipsic and the leipsic an

Dreaden.

The extension of the cotton and woollen manufactures of Saxony, since 1833, is wholly, or almost wholly, ascribable to the circumstance of her having them joined the Prussian Commercial League. This opened a widely extended market for her products among the German States, from the greater number of which they had previously been either wholly excluded, or admitted only clandestinely, and under great difficulties. Saxony, is fact, has derived the greatest advantage from the League, much more in proportion to her extent and coordisations.

clandestinely, and under great difficulties. Saxony, is fact, has derived the greatest advantage from the League, much more, in proportion to her extent and populations than Prussia. Little or no cloth of Saxon manufacture has hitherto found its way to the United States.

The extensive commercial relations of Saxony owe their origin to the enlightened policy of Prederick Augustus, the Elector, afterwards, King of Saxony, who, at a time when protecting and prohibitory tariffs sarounded his states, adopted a liberal commercial system, and converted Saxony, and especially Letpsic, into one of the most important marts, not merely for the supply of central and northern Europe, but part even of Asia, with all sorts of manufactured produce. The fairs at Lelpsic were for a lengthened period the great sources whence Russia, as far as the borders of China, Poland, the provinces on the Danube, and many parts of the Turkish and Persian dominions, were supplied with manufactures; and though they have latterly declined, they still continue to be much resorted to. Lelpsic has been for a lengthened period the centre of the book trade of Germany, being, London and Paris only excepted, the greatest literary emporium in the world. The value of the works sold at the Easter fair of late years has been estimated at about 3,000,000 doilars; and as many as 600 booksellers are said to have been assembled at some of these fairs from all parts of Germany to dispose of their

estimated at about 3,000,000 dollars; and as many as 600 booksellers are said to have been assembled at some of these fairs from all parts of Germany to dispose of their publications and adjust their accounts! (See Lurresc.) The Convention dollar, coined in Saxony, = 32 gutsproschen, or 4s. 14d. Engl.: the Saxon dollar of 24 gr. is an imaginary coin. 100 Dresden scheffes are equivalent to 195 of Berlin. The other measures, &c., are comparatively unimportant, and the coins of Prussia are senerally current.

an imaginary coin. 100 Dresone scales are equivalent to 195 of Berlin. The other measures, &c., are comparatively unimportant, and the coins of Frussia are generally current.

Government.— Saxony is an hereditary and ibaited monarchy, having a senate or upper bouse, and a bouse of representatives. Previously to 1830, it had states: but these had comparatively little power; and the imposition of taxes and other public burdens, and the regulation of the public expenditure, mostly depended on the pleasure of the king. But the French Revolution of 1830 was speedily followed, in Saxony, by some very important political changes. The king was obliged to associate his nephew, the present sovereign, with him is the government, a representative system was organised on a new principle, and the abuses incident to the feudal system were suppressed.

The senate consists of 62 mems., and the house of representatives of 200. Of the senators, some take their seats by virtue of their offices, as the Rom. Cath. bishop, the king's principal chaplain, a Protestant bishop, the dean of the university, and one or two great officers of state. Of the remainder, some aft in the right of their estates, and transmit their privileges, as senators, with their estates, to their children; while others are elected for each parliament by a constituency of their own order. The qualification for a seat in the senate is the same that is required to entitle a man to vote in the election of a senator, viz. a landed estate worth 6,000 dollars a year. Senators receive 7 dollars a day during the election of a senators receive 7 dollars a day during the sitting of parliament, and deputies 2 dollars. But owing to the high qualification required for deputies, and other causes, the new constitution is not so popular as might have been expected. "Though," says Mr. Gleig, all "money-bills must needs, as among ourselves, originate in the choice of parliament, and deputies 2 dollars. But owing to the high qualification required for deputies, and other causes, t

sedence according as experience makes the deputies etter sequanted with their rights and duties. Perhaps, however, the inroad made on the feudal sys-ma, which was maintaised in the rural districts nearly the fullest athent, was the most advantageous of the to the fullest exte

arious changes effected in 1830. Hereditary jurisdictions were abolished, except in ve various changes exected in 1830.

Hereditary jurisdictions were abollahed, except in very rare cases; and the more oppressive privileges enjoyed by the lord were, at the same time, suppressed. All towns now elect their own municipalities, and are governed by laws of their own making; while the rural districts, being divided into departments, each of which has its own magistrates, whom the people not only choose, but may, also, in case of malversation, degrade from office. The municipal officers, also, though elected by the citizens for life, are liable, on conviction of incapacity or unfair dealing, to be degraded. Their powers are very considerable in reference both to person and property, for they regulate the police, hear and determine civil causes, and both fix the amount of local rates to be levied on the citizens, and determine how the produce shall be expended. In the election of the magistrates, every rate-payer has a voice. They are all salaried officers. It is necessary, however, to enable any one to be appointed to the magistration, and the prosessed of some small portion of land, and of the house in which he resides.

he raides.

There are civil and criminal courts in the cap. of each circle, and a high court of appeal in Dreaden, in which latter all capital cases are tried. Executions take place by decapitation. There are special military tribunals, a superior facal court, university court at Leipsic, mining tribunal at Freiberg, patrimonial tribunals, &c. The reigning family is Rom. Catholic, but there are not more than 29,000 Rom. Catholics in the kingdom, the great bulk of the pop. being Lutherans. Literature and the fine arts have flourished more in Saxony than in any country in Europe where primary instruction is so ridely diffused; the number of the individuals attending choots, and other seminaries, is said to be as high as ac in six of the population. The university of Leipsic the principal seminary.

chools, and other seminaries, is said to be as high as as in six of the population. The university of Leipsic the principal seminary.

Every male inhab. 30 years of age is, with certain expections, obliged to serve in the army for six years in ne of peace, and for three years subsequently in the serve corps. The armed force is pretty extensive; it nesists of about 13,000 men, of whom 10,000 are privates der arms; besides the reserve corps of 3000 more. ils kingdom holds the 4th rank among the German tes, having four votes in the full diet and one in comitee, and furnishes a contingent of 13,000 men to the 1y of the Confed. Its public revenue from 1840 to 1 has been fixed at 8,500,297 doll., and its expenditure i,424,756 doll. At the end of 1838 the public debt unted to 10,926,457 doll.

E Saxons are among the best specimens of the old

he Saxons are among the best specimens of the old

1,434,750 doil. At the end of 1838 the public debt unted to 10,926,457 doil. he Saxons are among the best specimens of the old tonic race. In person, manners, &c., travellers have riked that they bear a striking resemblance to the ish agricultural pop. The Saxon royal family d to be descended from Witichind, sovereign of this ory in the time of Charlemagne.

100 to be descended from Witichind, sovereign of this ory in the time of Charlemagne.

101 was created an electorate in 1432, which title aimed till 1806, when Napoleon erected it into a orn. During the late war the king of Saxony was, he battle of Jena downwards, a firm ally of Napowho made extensive additions to his dominions; a did not abandon the fortunes of his benefactor or the battle of Leipsic had compelled the French custe Germany. This conduct led to the disment of the kingdom by the treaty of Vienna: some of its most valuable provinces were then d to Prussai; and, but for the opposition of, it is probable that Saxony would then have to exist as a separate state. (Berghaus, Alle., &c.; Stefn; Strang's Germany and the Ger-Gleig's Germany, &c.; pastim.)

101 or 1815, with the Saxon states formerly belonging ia, has on the N.E. and E. Brandenburg, S. the of Saxony and the Thuringian states, on olesse, Brunswick, and Hanover. It is of a very outline, has several enclases, and includes a frontiers the independent principalities of ondershausen, &c. Area, 9,765 sq. m. Pop.,742,452, of whom 1,626,728 are Protestants, and 1,500 and 1,5 his exception, there are no hills of any con-nagnitude. Principal rivers, the Elbe and its he Saale, Mulda, Unstrut, &c. Soil in parts unproductive, but in general loany and ferilla of Magdeburg is reckoned about the best land

in Prussia, and is very well cultivated. Principal products, wheat and other sorts of corn, flax and hemp, excellent wool, tobacco, &c. The vine is cultivated in the neighbourhood of Merseburg and some other places. Productive mines of coal, iron, rock-salt, &c. are wrought in different parts of the province. The stock of sheep exceeds 2,000,000 head, and wool, which has been vasily improved by crossing with merinos and other flow-woolled breeds, has become a staple product. Manufactures important and valuable, consisting of flow woollens, linens, earthenware and porcelain, hardware, &c.

SCARBOROUGH, a sea-port, parl, and mun. bor., market-town, and par. of England, N. riding, co. York, and B. div. of the wap, of Pickering Lythe, on a rocky slope, rising from an extensive bay, 35 m. N.E. York. Area of parl, bor. (which includes, with the old bor, and par., the extra parochial dist. of the castle), 2,160 acres. Pop., in 1831, 8,760; in 1841, 9,983. It has a very striking appearance from the sea, from which it rises amphitheatrewise to a considerable height. It is well built; the streets in the upper part of the town are spacious and well paved; and the houses generally have a handsome appearance. It is also extending S.W. towards Falsgrave, and southward along the shore. The principal public buildings are the town-hall, trinity-house, news room, assembly-rooms, a neather well-conducted theatre, a sea-bathing infirmary, b bathing establishments, and 2 public libraries. But the handsomest and most classical buildings belonging to the town is the museum, a rotunds 37½ ft. in diameter, by 50 ft. in height, in the Roman Doric style. It is constructed of the Kelloway limestone, a fine building material, presented from his extensive quarries at Hackness, by Sir J. V. B. Johnstone, Bart. M.P. for the bor,; and though of recent erection, has a valuable collection of specimens flustrative of the geology and natural history of the N. ridling. A fine iron bridge of 4 arches, supported on massive stone piers, 70ft. in heigh nct far from the rains of the castle: it was formerly much larger than at present; but the part now used is commodiously fitted up for divine worship. Christchurch, built, in 1828, of stone furnished by Sir John Johnstone, in the early English style, has accommodation for 1,300 persons. A chapel of case was erected in 1840, in the lower part of the town, near the quay side, by voluntary subscription, principally for the accommodation of the poor: it contains nearly 500 sittings, of which about three fourths are entirely free. There are places of worship, also, for R. Catholics, Wesleyan, primitive and association Methodists, Independents, Baptists, and the Society of Friends, to most of which, as well as to the Society of Friends, to most of which, as well as to

and association Methodists, Independents, Baplists, and the Society of Friends, to most of which, as well as to all the churches, are attached well-attended Sunday-schools. A grammar-school, founded in the 5th century, is but stenderly endowed; but there are several good subscription-schools, including two on the National and one on the Lancastrian plan. The Amicable Society also clothes and educates between 70 and 80 boys and girls. A seaman's hospital is under the government of the Trinity House, and there are almshouses, and several other benevolent, as well as religious institutions.

The harbour, which is easy of access, is protected by a handsome stone pler, of modern erection; but unfortunately it labours under a deficiency of water, having only from 4 ft. to 5 ft. at low ebb grings, and from 8 ft. to 9 ft. at low ebb neaps; but from first quarter food to last quarter ebb, vessels drawing 8 ft. water may enter the harbour with safety. A small foreign, and pretty considerable coasting-trade is carried on. In 1849 there belonged to the port 188 vessels, of the aggregate burden of 31,502 tons. During the same year the gross customs' duties amounted to 3,07ft. le. 11d.; the dutles, previously to the privilege of bonding having been conferred on the port, did not often exceed 1,200c. a year. A great deal of fish is brought in here; and the fishery has greatly increased since the railway has afforded a ready access to the populous districts and great manufacturing towns in the W. Riding. Of late years several persons have embarked in the herring fishery, which is becoming an important and profitable source of employment to the fishermen. From 40 to 50 yawls belong at present to Scarborough and Fliey, in addition to the numerous small boats used for fishing in-shore; and it is not unusual for 150 or 200 boats to enter the harbour, during the season, at the same tide, with herrings. As an encouragement to the fisheries, the corporation remit the tithe of fish to which they are entitled; and a society has been fo

tageous protection.

"Since the peace, ship-building, which formerly con-

tributed in no slight degree to the prosperity of the town, has greatly declined, and now has almost ceased; nor, from the shallowness of its artificial harbour, is it ever likely to become a very important trading place. It is supported by the resort of strangers to it for the purposes of sea-bathing and amssement; and these are principally of the middle classes, and from the manufacturing districts of Lancashire, Durham, and the W. riding of Yorkshire." (Parl. Bossed. Report.) Scarborough is, however, frequented not only for the purpose of sea-bathing, but on account of its two mineral springs; which have lately been analysed by Richard Phillips, Esq. F.R.S. We subjoin the result of his analysis of a gallon of water from each spring. ver likely to become a very important trading place.

	North Spring.	South Spring.
Anotic gas	6.5 cubic inches	7.5 cubic inches
Chloride of sodium (com- mon salt)	26-64 grains	29-65 grains
Chrystallized sniphate of magnesia	142-68	115-55 —
	1104-00	110-78 -
Bicarbonate of lime - Bicarbonate of protoxide	48-26 -	47:80
of iron	1:84 —	1.81 —
	323-42 -	415-35
Specific gravity of the	1.0036	1.0045

It is probable that the spas may, from the growing reputation of the town, and their being so conveniently connected with it by the bridge above alluded to, again acquire some portion of that celebrity which they formerly enjoyed. The recent erection of a commodious saloon, in the castellated style, with embattled towers, the architectural beauty of the wells, the massive seawall, forming at once a secure protection to the spas and a delightful promenade, especially at high water, combined with the newly laid out ornamental walks and grounds, have materially increased the natural attractions of Scarborough as a watering-place. These improvements have been effected at an expense of upwards of 8,000¢.

tions of Scarborough as a watering-piace. I nesse improvements have been effected at an expense of upwards of 8,000.

Scarborough, which received its first charter from Henry II., in 1249, is divided under the Mun. Reform Act into 2 wards, the government being vested in a mayor, 5 aldermen, and 18 councillors. Corp. revenue, in 1847-48, 1,355M. Quarter sessions are held under a recorder, and petty sessions are held under a recorder, and petty sessions are held under a recorder, and petty sessions are held weekly both for the bor. and North Riding. The bor. has sent 2 mems. to the H. of C. since 28 Edw. 1, the right of election down to the Reform Act being in the common council of the bor., a body comprising 44 individuals. The Boundary Act included with the old bor. the extra-arcchial precinct of the castle. Registered electors in 1849-50, 739. It is one of the polling-places at elections for the N. riding, and the chief town of a poor-law union comprising 35 pars. Markets on Thursday and Saturday: cattle fairs, Holy Thursday, and Nov. 23.

N. of Scarborough, on a bold craggy eminence commanding a very extensive sea-view, stand the ruins of a cattle built in the reign of Stephen, to which Piers de Gaveston, the minion of Edward II., fled for refuge from the vengeance of the exasperated barons. The castle, after sustaining two sieges from the parilamentary troops, was dismantled at the close of the civil wars; and though a portion of it was repaired in 1745, and barracks have been subsequently built in its immediate vicinity, it is principally in ruina. The remains of the keep consist of a square tower nearly 100 ft. in height: the entire surface included within the outer walls comprise nearly 19 acres. A strong gateway still remains, with portions of the circular towers occurring at intervals in the line of the fortications. It was, in fact, previously to the invention of artillery, one of the principal strong-holds in the kingdom. (Bainer's Gas. of Yorkshire; Graswille's Spas; Pari. and Mass. Bound. Reports; a

Grameille's Spas Parl. and Muss. Bound. Reports; and Private Information.)

SCHAFFHAUSEN, the most N. canton of Switzerland; and, after Zug and Geneva, the smallest in the Confederation. It is between lat. 47° 40° and 47° 50° N., and long. 80° 25° and 8° 55° E. being separated by the Rhine from the cantons of Zurich and Thurgau, while, on all other sides, it is surrounded by the territory of the Gd. Duchy of Baden. Area, 116 sq. m. Pop., in 1850, 35.200. Surface undulating, its loftiest hill, the Raadenberg, in the N., rising only to about 1,200 ft. above the Rhine. The soil is generally calcareous, but fertile; and the climate is among the mildest in Switzerland. It is an agricultural rather than a manufacturing canton; and, accultural rather than a manufacturing canton; and, accultured than the second can be accultured to the second can be a se mate is among the minest in Switzeriand. It is an agri-cultural rather than a manufacturing canton; and, ac-cording to Picot (Statist. 363.), its agriculture has greatly improved within the last half century. Formerly, indeed, the supply of corn was quite insufficient for home con-sumption; whereas, in good seasons, considerable quan-tities are now exported. Artificial pastures have also been

materially increased, as well as the number of cattles fruits are abundant, particularly cherries, from which a good deal of kirachusaser is made; and the produce of timber is amply sufficient for the wants of the inhabs. (Picot.) There are nearly 5,000 arpents of vineyards, which furnish the principal article of export, wine being sent to St. Gall and Appenzell, the Black Forest, and other neighbouring districts; but of late years the competition of the wines of Baden, &c., and the dutties imposed on the Schaffhausen wines in Germany, have crippled the trade. pled the trade.

pled the trade.

One of the principal branches of industry in Schafhausen is the conveyance of goods through the cancon,
which is greatly facilitated by the navigation of the
Rhine. Salt, from Wirtemberg, timber, &c. are conveyed through Schaffhausen to Switzerland; but the circumstance of the Confederation not being comprised
within the Prussian Customs Union is injurious to the
transit and export trade of the canton; and in consequence a desire to join the German League has long
reversiled; in Schaffhausen and some after canton; though

remeas and export trade of the Canton; and in consequence a desire to join the German League has long prevailed in Schaffhausen and some other cantons, though not in the majority. (Bovering's Rep. on Switzerland.) The manufacturing establishments comprise a few cotten and hardware factories. Accounts are kept in florins, of 60 treutsers = 20d. Eng. The foot is the same as that in Zurich; the lb. a little larger.

This canton is divided into 34 districts. The male inhabitants, of full age, and not bankrupts, pampers, or suffering a penal sentence, choose the legislative body. The latter, or grand council, consists of 74 members, 24 of whom form also the petty council, which is intrusted with most part of the executive power. The grand council meets in June every year, and is presided over by a burgomaster, who is changed annually. The pop, is wholly Protestant. Education appears to be well attended to.

over by a burgomaster, who is changed annually. The pop. is wholly Protestant. Education appears to be well attended to.

Schaffhausen was not included in ancient Helvetia, and its Imabs. resemble their Swabian neighbours rather than the Swiss. It was admitted into the Confed. In 1501.

SCHAFFHAUSEN (originally Schiffheusen, or Shiphouses), a town of Switzerland, and the cap. of the above canton, on the Rhine, 25 m.W. by N. Constance, and Sm. E. N.E. Basle. Pop. about 7,800. It is walled, and defended by the Messot, an old citadel supposed to be of Roman oright, but which is now furnished with extensive bomb-proof casemates. Streets ill paved; and the belildings are remarkable for their quaint and antique architecture: many are ornamented in front with stucco, carved or resco work. The minster, founded in 1063, is a massive edifice in the round arched style, with numerous monuments in its cloisters. An ordinary bridge across the Rhine replaces that unique specimen of art consisting of one arch 364 ft. in length, destroyed by the French onder Marshal Oudinot in 1709. Schaffhausen has a gymnastum, a college with 9 professors, a high female school, and an excellent library. The latter comprises the books that belonged to the celebrated historian Müller, by far the most illustrious of the natives of Schaffhausen, where he first saw the light, on the 3d of January, 1752. The town is a principal depth for the goods passing between Switzerland and Germany, and Basle and Zurich; consisting of silk, cotton, and woollen goods, raw cotton, colonial produce. Nuremberg manufactures, Swiss cheeses, &c. Schaffhausen is supposed to have originated about a league S.S.W. from the town, where the Rhine breaks through a ramification of the Black-Forest mountains. The height of these falls, which, in some respects are the grandest in Europe, varies, according to the season, from 50 to 78 ft., being greatest in June mespects are the grandest in Europe, varies, according to the season, from 50 to 78 ft., being greatest in June dated

first of these rocks and the castle of Laufen, on the S. R. bank of the river; from which, according to Murray, the best view of the Falls is obtained. "It is not," says Mr. Spencer, "the height of the fall, but the immense body of water broken into spray in the most picturesque manner over the rocks, that constitutes the great beauty of the cataract. In other respecta, it cannot bear the slightest comparison with either those of Terni or the Staubbach." (Germany and the Germans, if 61)

ii. 61.)
In 1790, Lord Montagu, a young British noblemsen of great promise, was drowned in a rash attempt to descend these Falls; and, by a curious coincidence, his death occurred nearly at the same time that his noble seat, Cowdrey House, near Midhurst, was burnt down. (Ebcl., Manuel du Voyageur; Picot, Statistique; Bouring, &c. on Switzerland, &c.)
SCHAUMBURG-LIPPE (PRINCIPALITY OF),

ene of the minor states of N.W. Germany, principally between ist. 50° 10° and 50° 30° N., and about long. 50° E., surrouded by the territories of Hesse-Schaumburg, Hanore, and Prusian Westphalta, exclusive of some detached lordships enclosed in the territory of Lippe-Demoki. Area, 21° 18. al. Pop., in 1849, 28,873, mosely Lutherans. It is ally towards its S. extremity, but sin the N., where the lake called the Skeinhuder Meer occurs about 10° mercen. The productive portion of the Luberans. It is hilly towards its S. extremity, but flat in the N., where the lake called the Steinhuder Meer occupies about 11 000 morgen. The productive portion of the surface comprises about 74,000 morgen, besides nearly 34,000 m. of forest-land, chiefly in the W. The soil is in general superior to that of Lippe-Detmold, and agriculture and cattle-breeding are more advanced. The fanhabs. of both principalities employ their intervals from rural labour in spinning flax and weaving linens. Coal is raised in the S. to the value of ab att 30,000 dollars. Coal is raised in the S. to the value of ab att 30,000 dollars. Coal is raised in the S. to the value of ab att 30,000 dollars year; and forms, with corn, wood, timber, and linen goods, a principal article of export. The constitution, which dates from 1816, is a limited monarchy; the powers of the prince being similar to those of the sorreign of Great Britain; the lamsdidistic, or parliament, consisting of all the noble landed proprietors, with 4 deputies for towns, and 6 representatives of the peasantry. Appeal let from the decisions of the courts of this princip. to the superior court of Wolfenbuttel. Public instruction, as in Lippe-Detmold, is well attended to. Public revenue, about 130,000 thalers. There is no publis debt. Schammurg-Lippe has one vote in the full dist of the Germ. Confed., and with Lippe-Detmold, Hobensollern, Reus, Waldeck, and Liechenstein the 16th place, with one vote in the committee. Its contingent to the arms of the Confed. amounts to 300 mem. (Rereheurs &)

Rehambury-Lippe has one vote in the full diet of the Germ. Conied... and with Lippe-Detmold, Hobenzollern, Reuss, Waldeck, and Liechtenstein the lift place, with one vote in the committee. Its contingent to the army of the Confed. amounts to 340 men. (herghauss, 4c.) SCHELDT (Fr. Escass.), a river of France and Belgium, which rises in the dep. Aime, near St. Quentin, and runs mostly in a N.N. E. direction, through the dep. du Nord, and the provs. of Haimault. E. Flanders, &c., to Antwerp, after which it turns N.N. W., and, dividing into the E. and W. Scheldt, which enclose the islands of Beveland and Walchern, enters the North Sea in about the same lat. as the Thames. Its entire length is estimated at about 300 m., its breadth at Dendermond is about 650 ft., at Antwerp, 1,700 ft.; and the width of fits mouth varies from 2½ to 3½ leagues. It is navigable from Valenciennes. Its principal tributaries are the Scarpe, ys, and Durme, on its W., and the Dender and Rupel on its E. side. St. Quentin, Cambray, Valenciennes, Toursy, Oudenarde, Chemt and Antwerp, are on its banks: scurrent is slow; and in the lower part of its course, here it runs through a completely flat country, its miks are fenced by dykes to prevent junudation. It connected by the canal of St. Quentin and other nals with the Somme, Seine, and Loire, and with e principal rivers and cities of Belgium, in its globourhood. During the commercial ascendancy of twerp the Scheldt enjoyed a larger share of traffic nay other European river; but its importance in respect, though still considerable, has since greatly lined. "There was nothing," says Barrow, "on noble river, in our progress upwards, that condany impression of an active or extensive comec. In salling up or down the Thames, or on apching London within 4 or 5 m., the multitude of oring affords indications not to be mistaken of the nercial wealth and prosperity of London. But the lot, when we ascended it, was a vacant river; we er met nor overtook a single sall; and, with the exam of 2 or 3 A mercian

processions of which is occupied by the churches and other large buildings; while the hill sides are covered with the white cottages of the miners embosomed among trees. (Pager's Hengary, 1. 237.) The town has many good-looking houses, with shops and inns; but its fine old ruined castle appears to be the only edifice of

many good-looking houses, with shops and linns; but its fine old ruined castle appears to be the only edifice of much interest.

The mines of Schemnits, which extend under the town, and have been wrought for several canturies, furnish considerable quantities of silver, whence gold is again extracted. The ores vary greatly in productiveness; but, speaking generally, the mines have not been very profitable. There are 6 principal veins or courses, each from 10 to 30 fathoms in thickness, running nearly E. and W. shoose parallel to, and at the distance of from 50 to 300 or 400 fathoms from, each other, and connected by various small branches. In these extensive courses there are 12 royal mines, besides a number belonging to private individuals, who are obliged to dispose of all the ore they obtain to the royal smelting works at a fixed rate. The whole of these mines communicate with the emperor Francis's adit or level, at the depth of nearly 200 fathoms. (Bright's Tresets, p. 189.) At a still greater depth is the adit of Joseph 11., a magnificent work, 13 funing ft. in height by 10 ft. in breadth, extending from Schemnits to the valley of the Gran, a distance of nearly 100 Rng, m. This adit, which is atill unfinished, will carry off the water from mines which cannot now be wrought, and is so constructed that it may be used either as causal or a railway. It has been already no fewer than 40 years in progress, and it is supposed that, when complete, it will have cost, at least, 400,0001. Dr. Clarke, who descended into the mines of Schemnits, says, "All the Imperial mines are connected with each other; offering, in their whole extent, a subterraneous passage which reaches to the astonishing length of 3,000 fathoms, nearly 3\frac{1}{2} m.1 The sight of the interior of the Paquerstohin (one of the mines) convinced us that there are no mines in the world like those of Hungary. How were chain the hands and knees, we through, over all sorts of rubbish, to get from one shaft to another. The inside of a Hungariam mine may be rubbias, to get from one shart to another. The inside of a Hungarian mine may be compared to the interior arrangement of one of our best frigates, where space has been so husbanded, and cleanliness so strictly maintained, that nothing is seen out of its place, and there is room enough for every operation." (Travels, viii. 393., \$70. ed.)

room enough for every operation." (Travels, viii. 393., evo. ed.)
Dr. Clarke should, however, have added that the mines of Cornwall and Wales are wrought by private individuals for the sake of profit only, whereas the Imperial mines which he visited are wrought at the expense of government, to which profit is a secondary consideration. Hence the greater outlay on the latter; hence, also, in part, at least, their comparative unproductiveness, and the bad and costly manner in which, according to Mr. Paget, all the Austrian mining establishments are conducted.
The ore hesides giver and gold continus lead and.

conducted. The ore, besides silver and gold, contains lead, and sometimes iron, copper, zinc, or arsenic. In consequence of the want of wood and water but little ore is smelted on the spot, being principally sent to Neusohl or Kremnits. About 20,000 miners are employed in the Schemnits district.

Mr. Paget states that the officers and workmen are all very indifferently paid; and hence there is not unfre-quently a good deal of embesslement. The workmen,

quently a good deal of embesziement. The workmen, who are paid by the pleee, are not permitted to earn more than about 3s. a week: it would seem, indeed, rather to be the object of the government to keep up the mines for the employment they afford, than for the inconsiderable profit made by them.

A school of mining, in imitation of that at Freiberg, was established at Schemnitz in 1760, which has 5 professors and about 200 students, who are all educated free of cost, several of them being farther furnished with an annual donation of from 20. to 30s., to assist in their maintenance. It is believed, however, that this school is, in respect of science and practical knowledge, far behind that of Freiberg, and most other mining schools. It has a pretty good library, but its collection of minerals is very inferior. (Paget's Travels in Hussgary, 1.)

26 m. S.S.W. Strasburg. Pop., in [846, inc. 205. It was fortised by Vanban, and is naturally from its being in a great measure surrounded by . It has an hospital, prison, communal college, manufactures of cotton and linen fabrics, iron p, and earthen ware, for which last it was famous igo as the 13th century, with breweries, distile. It is supposed to have been the ancient Eiroyed by Attila, where Charlemagne and his is had afterwards a paise. The Swedes took it but restored it to the French two years after-fago, art. Bas-Rhin; Dict. Géog.)
MNITZ (Hun. Science. Benge), a famous minof Hungary, co. Honth, in a mountainous districted by an old and strong gateway, which to a long. narrow, steep strock, which come is a long. narrow, steep strock, wretchedy of so hemmed in by sloping hills that there is comm for a row of house on either side. At of this street is a mountain amphitheatre, the

13,000 vols. (Amer. Almanack), and had, in 1835, 341 students. Its position on the Eric canal makes Schenectady an important entrepts, and it has a flourishing and increasing trade. It is said to occupy the site of an ancient Mohawk village, and was incorporated in 1798.

ancient Montawa village, and was incorporated in 1750. (New York Gas.)

SCHIEDAM, a town and port of S. Holland, cap. cant., on the Schie, a tributary of the Mass. Pop., in 1840, 12,061. It is well built in the usual style of Dutch towns, terdam, and 1 m. N. from the Mass. Pop., in 1840, 12.081. It is well built in the usual style of Dutch towns, and has numerous churches, an exchange, a Latin school, a chamber of commerce and manufactures, and a branch of the Society of Public Good. "It is conspicuous both by the smoke which issues from the chimneys of its distilleries and the vast number of windmills by which it is environed. The whole borison, in fact, in the direction of Schledam, seems animated with life and bustle. Schledam is the chile seat of the manufacture of Dutch gin, or Hollands. The quantity of that spiris produced here annually is very great, there being in the town as many as 100 distilleries, while many thousands of pigs are supported by the refuse of the malt employed in the manufacture. The gin of Schiedam is strong, but mild navour, and is usually sold in Holland for 3d. a bottle, or 4s. 6d. a gallion; the price of the gallon on its importation into England being increased by freight and duties to about 29s. or 30s." (Camberr's Town to Hollands, 1). The duty on Hollands, which formerly amounted to 22s. 6d. a gall., was one of the most objectionable in our tariff, it is now (1850) reduced to 18s., but it is still too high. The entries of Hollands for home consumption, which, once amounted to about 200,400 galls, were reduced, in 1849, to 26,917 galls. I We doubt, however, whether the consumption be really diminished in the same proportion. The exorbitancy of the duty has in part, at least, thrown the trade into the hands of the amuggler, to the injury alike of the legitimate trader and the revenue. Schiedam has rope-walks, building-docks, and a small though convenient port on the Schie. It sends I deputy to the states of the prov.

dam has rope-walks, building-docks, and a small thougn convenient port on the Schie. It sends I deputy to the states of the prov.

SCHWABACH, a town of Bavaria, circ. Middle-Franconia, 9 m. 3. S. W. Nuremberg. Pop. in 1848, 10,000. It is walled, and pretty well built, having several Protestant churches, a synagogue, a mint, hospital, &c. It is the seat of various manufactures, the principal being that of pins; but there are others of hosiery, hats, gold and silver lace, tobacco, paper, printing types, and Jevri harps. It owes its distinction as a manufacturing town to the influx of emigrants from France, after the revocation of the edict of Nantes.

SCHWABTZBURG-RUDOLSTADT, a principality of central Germany, between lat. 50° 30° and 51° N., and about 11 W. long., inclosed by the territories of Sax-Weimar, Cobourg, Meiningen, and Hildburghausen. Area 405 sq. m. Pop., in 1849, 62,660, mostly Lutherana. It comprises a portion of the N. declivity of the Thuringian Forest mountains, and is watered by the Schwartta, Ilm, and Saale. It does not yield sufficient corn. for home consumption; timber and salt are its principal products. I ron, and a few other metals, are found; and woollen clothes, eartheuware, glass and other kinds of goods are manufactured. Since 1816, the government has been a limited monarchy; the representative body consisting of 5 deputies of the nobility, 5 of the cirisens, and 5 of the cural pop. (Berghaus) but Horsekchwans onsisting of 5 deputies of the nobility, 5 of the citizens, and 5 of the rural pop. (Berghaus; but Horschelmann says there are 6 of each) The deputies are elected every 6 years. The parliament has the control of the public 6 years. The parliament has the control of the public funds, and nonew law can be adopted without its consent. funds, and nonew law can be adopted without its consent. The principal judicial courts are at Rudolstadt and Frankenhausen; from which appeal lies to the superior tribunal of Zerbat, in Anhalt-Dessan. Public revenue about 250,000 florins. The public debt has been in rapid process of diminution since 1821, and in 1845 it amounted to only 100,000 florins. This principality furnishes 529 men to the army of the German Confederation. Chief towns, Rudolstadt, the cap., on the Saale, with 4,500 inhabs.; and Frankenhausen with 5,000 inhabs., and a considerable trade in corn and wool.

SCHWARTZBURG-SONDERSHAUSEN, a principality of central Germany, between lat. 519 12° and 519° N. and about 10ng. 110° E., inclosed by territories belonging to Prussia on every side except the W., where it joins a detached district of Saxe-Gotha. Area, 358 sq. ... Fop., in 1849, 60,002, mostly Lutherans. Surface

it joins a detached district of Saxe-Gotha. Area, 388 sq. m. Pop., in 1849, 60,002, mostly Lutherans. Surface undulating, and traversed by several affluents of the Unstrut, flowing in a W. direction. The lower part of the country yields more corn than is required for home consumption; the higher portion has extensive forests, and timber and potash are amongst its principal products. and timber and potash are amongst in principal products.

Iron is found; and forges and hardware factories are the principal manufacturing establishments, though some woollen and linen goods are woven. The government is a unlimited moneyable Appearance in words from the woollen and linen goods are woven. The government is an unlimited monarchy. Appeal may be made from the judicial courts to the superior court of Zerbst in Anhalt-Dessau. Public revenue, in 1848, 185,000 crowns; expenditure, 182,000 ditto. Public debt, about 215,000 ditto. Contingent to the army of the Confed., 451 men. Chief

SCIACCA.

towns, Sondershausen, the cap., on the Wipper, with

3,800 inhabitants; and Arnstadt (which see).

This princip., like the preceding, has one vote in the
full diet of the Germ. Confed., and shares the listh place
and one vote in the committee with Oldenburg, and the
Anhait principalities. (Berghiess, &c.)

8CHWEIDNITZ, a town of Prussian Silesia, cap.

icr. finely situated at the Riesengebirge mountains, on
the Weistritz, in a fertile and beautiful country, 30 m.

S.B. Breslau. Pop. about 12,500. It is well built, and
strongly fortified, the fortifications which had been dismanifed by order of Napoleon in 1807, having been reconstructed since the peace on an improved plan, and
endered more formidable than ever. Its castle, formerly
the residence of the Plast dukes, is now a workhouse. It
has a magnificent Rom. Cath. church, a fine town-house,
a gymnasium, a house of correction, and the usual go-

rendered more formidable than ever. Its castle, formerly the residence of the Plast dukes, is now a workhouse. It has a magnificent Rom. Cath. church, a fine town-house, a gymnasium, a house of correction, and the usual government offices of the cap. of a circ.; with manufactures of woolleas, cottons, linens, &c. Near it is the castle of Fürstenstein, a fine antique feudal edifice, bought by the late king of Prussia.

SCHWERIN. See MECKLENBURG SCHWERIN.

SCHWERIN. See MECKLENBURG SCHWERIN.

SCHWYTZ, or SCHWEITZ (CANTON OF), one of the 4 Forest Cantons of Switzerland, which gave its name to the Confederation, in the central part of which it lies, between lat. 46:50 and 47:20 VN. and long. 80:20 and 95 E., having N. and N. E. the canton of Zurich and St. Gall, E. Glarus, S. Uri and Unterwalden, and W. Zug and Lucerne. Area, 238:2 sq. m. Pop. in 1850, 44,164. Nearly the whole surface is mountainous: the Rossberg, the fall of a portion of which in 1866 had most destructive effects, is partly in this canton and partly in that of Zug. The Shil and the Muotta are the principal rivers: the former falls into the Lake of Zurich, which forms most part of the N. boundary of the canton, and the latter into the Lake of Lucerne, which limits the canton on the S.W. The Lindic canl, between the lake of Wallenstadt and Zurich, runs along its N.E. extremity. The soil and climate age more favourable to cattle-breeding than to agriculture, which is so much neglected, that in some valleys, according to Picot, the plough and flail are unknown! On the other hand, however, the inhaba. are distinguished by their superior treastment of live stock; the cattle of Schwytz are accounted among the best in Switzerland; and upwards of 20,000 head are annually sent from the S. side of the Alps to depasture on the mountains during summer. Near Kussnacht, on the Lake of Lucerne, which is all but inexhanstaile: cottou thread, and this in very small quantity, is almost the only article of manufacture. The principal exports are cattle, cheese (sent m

on account of the badness of the roads, is mostly confined to the lakes and navigable parts of the rivers.

The government is a pure democracy, the sovereign power residing in the people at large. The male populors of the canton, which meets every 3 years, on the first Monday in May, at Schwytz, to appoint, by show of hands, the landamman, and other supreme officers, the deputies to the Diet; and to deliberate on alliances, declarations of war, treaties of peace, &c. A council of high functionaries and 270 ordinary mems., assembles usually twice a year, to prepare instructions for the deputies, and hear their reports; and another council of 90 mems. is entrusted with the general executive power. The caston is divided into 6 districts, each of which has its own council and tribunal of primary jurisdiction, the decisions of which are final in cases not above the amount of 2 0 florins. The chief tribunal sits is Schwytz, and is composed of mems. two thirds of whom belong to the districts of of which are final in cases not above the amount of 2 0 forins. The chieftribunal sits in Schwytz, and is composed of mems., two thirds of whom belong to the districts of the cap, and the rest to the other districts of the canton. The inhabs, are exclusively R. Catholics, subordinate to the bishop of Chur. Public education is more backward in this than in most other cantons; and it has no public library. At 16, every male inhab. is enrolled in the militia, and Schwytz furnishes a contingent of 602 men to the army of the Confederation, in which it holds the fourth place immediately after the three directorial cantons. Schwytz, the cap of the canton, at the foot of Mount Mythen, 26 m. S.S.E. Zurich, has about 3.300 inhabs. (Piots, Statistique de la Suisse; Abel, Masuscl, &c.; Inglist Switzeriand, passim.)

SCIACCA, (an. Therma Scientine), a town and seport of Sielly, intend. Girgenti, on the S. coast, nearly 20 m. S.E. the ruins of Selinuntum, and 30 m. N. W. Girgenti. Pop., in 1831, 12,680. The town, situated on the declivity of an eminence rising from the bay, is surrounded by an irregular wall, in tolerable repair, with b-stions towards the sea, and the castle of Luna at its. angle. At a distance it has a respectable appearance; but notwithstanding its large churches, convents, and magazines, it appears to be poverty-stricken and

SCILLY ISLANDS.

*retched. Soyth says, that it has not recovered from the influence of the long-continued and deadly fends between the finilles of Luna and Perollo, in the 16th century. (Sendorare Travels, it. 249., &c.)

Some of the famous bet springs, whence the city had it ancient mans, are at sittle without the walls towards the E. But the stam-baths, the construction of which was seribed, in nitguity, to Desdalus, and now called the Stufe of St. Calogero, are on the summit of an isolated mountain, about 3 m. N. E. of the town, and correspond exactly with the description of Diodorus Siculus. They continue, as of old, to be frequented by petients, and consist of several sudorific grottoes, or caverns, the outer one of which has seate excavated in the rock. (Hear's Classical Town, il. 86.; Swayth's Sicilay, p. 218.)

Belaca is one of the principal ports on the S. coast of the island, for the exportation of corn, and the rock upon which the town stands is, in numerous places, hollowed out into cariestrie, or corn cellars. In summer ships anchor at about 1 m. off town, in from 7 to 12 fathons, on a bottom of sand and clay; but being exposed to every wind from the S. E. round to the W., it is not resorted to in winter, except by boats and flathout controls, syrant of Syracase, famous alike for his great talents, prafdy, and cruelty, was a nastive of Sciaca, where he was born sand 369 s. c. He was of low origin, his father being a potter banished from Reggio, his native city. (Biographic Universalle.) Fazelli, the historian of Sicily, was also a native of this town.

SCILLY ISLANDS, a group of islands, belonging to England, lying about 30 m. W. by S. from the Land's End, supposed to suppose to be the Cassiterides, or the slands of the ancients. There are supposed to be, in all, about 160 islands and rocks, but there are only about half a dosen of any importance. St. Mary's, the largest, is said to costain about 1.640 acres: the entire area of the group, as given in the population returns, is only 5.70 acres. In 1

all, about 150 islands and rocks, but there are only about half a dosso of any importance. St. Barr's, the largest, is said to costain about 1,640 acres: the entire area of the group, as given in the population returns, is only 5,870 acres. In 1841, they had a pop. of 2,852. From their situation they necessarily have a miled equable temperature; and though fogs be expanson, the islands are very healthy. They produce good barley, rye, and oats, the later being principally of the variety called villar, or awas seeds. Potatoes are extensively cultitated. Hences and cattle small; sheep numerous, and f good quality; see-fowl are found in great numbers, and partridges are, also, abundant. There are shrubs, ut few or no trees. The inhabitants used to make reat quantities of kelp; they are also expert fishers, and act as pilots to such ships as require their services. I already stated, the islands are generally supposed to the Cassiferists, or tin islands of the ancients. But is most probable that the W. extremity of Cornwall is included under this term; and, at all events, there now no trace of tin, nor, indeed, of mines of any sort, any of the islands. Heugh-town, the capital of the nds, and their only town, is situated on the W. side of Mary's. It has a pier and a custom-bouse, and is a of some consequence, being defended by a fort, of the Star Castle, with a small garrison. Irrsons accused of Relondes are sent to Cornwall so ied at the co. assises; but all minor offences and suits are tried by a court cassisting of twelve of the imade rise did not the tried of cases. Vacancies in it nally filled up by election; but it may be dissolved fresh appointment made by the proprietor of the imade rise importance in navigation. Lying at int of junction, as it were, of the English and orge's Channels, ships passing from the one other, should the wind be unfavourable, often elter under these islands: it is semetimes, also, ent for vessels to take shalter among them, han beat about at sea in bad weather; and gale from the E. us

ouse of the first class was erected on St. Agnes , most southerly of the group, in 1680, the lanich is elevated 138 ft. above high water mark. ding to the ordinance survey, in lat. 49° 52′ 38″ 12. 23″ W.

15 23" W. withstanding the warning given by this light is have been the scene of numerous ship. The most distressing of these catastrophes on the night of the 28d of Oct. 1707, when the Mediterranean, under the gallant Sir Shovel, got foul of the islands: the ship bear g of the admiral and two other line-of-battle.

ships struck upon the rocks near the lighthouse, and were totally lost, with every soul on board. Some of the other ships were in extreme danger. It is not exactly known how the accident arose. The night was dark, but there was very little wind, otherwise the whole fact must have been destroyed. It is probable that the light had been mistaken for another. The body of the admiral was cast ashore, and buried in St. Mary's; but it was soon after removed to Westminster Abbey, where a monument, creditable to the liberality, though not to the art of the nation was created to be the art of the nation, was erected to his memory. (See Berlass's Account of the Scilly Islands, 4to, Oxford, 1756; Cornwall, in Lyson's Magna Britannia; Burnel's Hist. of His Own Times, Iv. 208., ed. 1753.; Smol-

net's Hist. of His Own Times, iv. 205., ed. 1753.; Smot-lett's England. anno 1707. &c.)
SC10 (an. Chios), a celebrated and beautiful island of the Ægean Sea, belonging to the Turks, about 5 m. W. from Cape Blance, in Asia Minor; Chlo, its chief town, ou its E. side, 53 m. W. Smyrna, being in lat. 38° 22° 30° N., long. 25° 9° E. It is about 32 m. in length N. and S., and, where broadest, about 18 m. across. Though N., loug. 25° 9° E. It is about 32 m. in length N. and S., and, where broadest, about 18 m. across. Though for the most part mountainous and rugged, it has a considerable extent of level and gently sloping ground. Its climate is mild and delightful; and it has numerous fine springs and rivulets. Dr. Clarke says it is the "paradise of modern Greece; more productive than any other island, and yielding to none in grandeur." (III. 236. Svo. ed.). In antiquity and in modern times, down to the late dreadful catastrophe, it was cultivated with the greatest care and assiduity. Owing to the limited extent of the arable land, and the greater suitableness of the soil for the use of the inhab. has always been brought from the ports on the Black Sea and other marts. The staple articles of produce are silk, mastic, figs, lemons and oranges, whe, oil, cotton, almonds, &c. Its mineral wealth has been but little explored, but it contains abundance of marble, jasper, and a kind of green earth, resembling verdigresse.

The wines of Chios, especially those produced in the district of Arvisia, were amongst the most esteemed of any in the succent world. They have been calebrated by Virgil (Ect. v. lin. 73.); and Horace asks

" Quo Chium pretto cadum Mercamur ?"

According to Pitny, Chian wine was served up by Julius Cassar at his most splendld entertainments; and it is thought worthy of notice, that Hortensius left a very large stock of this famous beverage to his helr. (Hist. Nat., lib. Xiv. cap. 14, 15) The wine of the island still preserves some portion of its ancient celebrity; but the pro-

serves some portion of its ancient celebrity; but the produce is scanty, and it is said to be injured by transportation. Mastic, the method of gathering which is fully described by Tournefort (i. 376.), is the most esteemed of the modern products of the island, being in great request among the Turkish ladies. All the mastic trees are supposed to be the property of the grand asignior, or rather of the sultana mother, of whom this island is the peculiar demesne. But formerly the trees were left, with the Island itself, to the inhabitants, with but little interference on the part of the Turks, on condition of their anoually furnishing a certain quantity of mastic to the Cadi for the use of the imperial seragilo, and paying a moderate capitation tax. And it is to the comparative exemption it has thus enjoyed from Turkish despotism and rapacity, that the sprightly vivacity of is inhabitants, and their greater industry, enterprise, and prosperity, are to be ascribed. Besides its chief city, the island had, previously to its late calamity, several considerable towns and numerous villages. The pop., which was very dense, has been variously estimated at which was very dense, has been variously estimated at from 80,000 to 150,000; of whom from 30,000 to 35,000

which was very dense, has been variously estimated at from 80,000 to 180,000; of whom from 30,000 to 35,000 belonged to the capital.

The latter, on the E. coast of the island, constructed by the Genoese, along the sea shore at the foot of the mountains (an. Pellemen Montes), on the slope of which stood the ancient city, is the cleanest, handsomest, and most desirable town, as a residence, in the Levant. It is well built, and extended, previously to 1832, with its gardens and villds, for about 4 m. along the sea. Its houses are commodious, and its shops and warehouses were then well furnished; it had numerous Greek and R. Catholic churches, with schools, and even a college. The silk manufacture was carried on upon a large scale, and the velvets, damasks, and other silk goods of Scio, were highly esteemed. It had been for many years the principal entrep6s of the Archipelago, and carried on an extensive and flourishing commerce. Somnis says that the shallowness of its harbour, which was suitable only for the smaller class of vessels, was the only drawback on its prosperity; but this defect was to a great extent compensated by the excellence of its readstead, which affords secure anchorage, and every facility for getting to sea. (Tournafort, 1., letter 9.; Somsia's Trasels is Greece and Turkey, cap. 37.; Walpole's Journal, quoted by Clarke; Carne's Letters from the East, &c.)

Unhappliy, however, these statements apily to the

past more than to the present state of this fine island. In 1823, during the progress of the revolutionary struggle in Continental Greece, a Greek force landed in the town, and a part of the inhab,, who had hitherto pursued a strict neutrality, having joined them, they attacked and took the citadel, defended by a small Turkish garrison, which they put to the sword. A strong Turkish force having landed immediately after, took the most desperate revenge for the outrage that had been committed. The island was given up to indiscriminate pillage and massacre. The inhabs., taken by surprise, and enervated by long peace and prosperity, offered no effectual resistance to their murderous assailants. It is said that above 20,000 individuals were put to the sword; that as many ast more than to the present state of this fine island; by long peace and prosperity, offered no effectual resistance to their murderous assailants. It is said that above 20,000 individuals were put to the sword; that as many more, principally women and children, were carried off and sold as slaves; and that the capital was converted into a heap of ruins, and every part of the island laid waste! These statements are most probably a good deal exaggerated; but still there cannot be the shadow of a doubt that the visitation was of the most destructive and tremendous description. Whether Scio be ever destined to recover from this wholesale butchery is problematical; but it were abound to expect that it should revive a long as it remains in the deadity grasp of the detestable barbarians who have perpetrated such atroctites. Such of the principal inhabs, as were fortunate enough to escape being massacred, immediately fled from the island; and that commerce which had been its principal support has been transferred to Syra, Napoli, and other places. (Carrac's Letters from the East; Tract on the Greek Revolution, by the Rev. T. S. Hughes, Lond., 1822; &c.) In antiquity, Chios gave birth to many distinguished individuals; among whom may be specified lon, the tragic poet, Theopompus, the historian, Theocritus, the applist, and Metrodorus, the physician and philosopher. But Chios aspires to a still higher homour, that of being the native country of the first and greatest of poets.

"The blind old man of Chio's rocky isle,"

" The blind old man of Chio's rocky isle,"

of whom Velleius Paterculus has justly as well as forcibly of whom Veitetus Faterculus has justly as well as forcibly said,— quod neque and tillum, quent illic ministratus; neque post illum, qui cum imitari posset, inventus est. (Lib. i. cap. 5.) And it is admitted by the ablest critics that, of all the cities that contended for the honour of having been the birth-place of Homer, the claims of Chios and Smyrna were apparently the best founded.

The Chians were, for some time, in possession of the empire of the sea. They are said to have been the first

who traded in slaves; and the oracle, informed of the fact, declared that it had drawn upon them the anger of heaven; one, says Barthelemi, of the noblest, but at the same time, least regarded answers the Gods have communicated to man. The Chlans took a prominent part in the great revolt of the lonian cities against the Persians, by whom they were afterwards reduced, and punished with great severity. At a subsequent period we sometimes find them on the side of the Athenians, and sometimes on that of the Lacedemonians. "Moderate in prosperity, blameless towards their neighbours, and using their increasing wealth and power for no purpose of ambition, but directing their politics, merely to secure the happiness they enjoyed," the Chians were amongst the most respectable of the Greek states. (Mitford, iii. 316., 8vo. ed.)

They became the allies of Rome during the wars with Mithridates. After innumerable vicissitudes Scio came, in the middle ages, into the possession of the Genoese, who, as already stated, built its capital. It was taken by the Turks in the 16th century. (Exclusive of the authorities referred to above, see Ancient Universal History, viil. 296., &c., 8vo. ed.; Cellaris Gegraphies Antiqua, iil. 19.; Younge d'Anacharsis, cap 172., &c.)

SCOTLAND, one of the secondary Euro-

SCOTLAND, one of the secondary European kingdoms, comprising the Northern and smaller portion of the island of Great Britain, smaller portion of the island of Great Britain, and forming one of the three great divisions of the United Kingdom of Great Britain and Ireland, between lat. 54° 38' and 58° 40' 30" N., and long. 1° 46' 30", and 6° 3' 30" W., or, including the Hebrides, 7° 44' W. It is surrounded by the ocean on all sides, except on the S., where it is separated from England by the Solway Frith, the Cheviot hills, and the Tweed. Its greatest length, N. to S., from Dunnet Head to the Mull of Galloway, may be estimated at about 280 m.: its breadth is very unequal; varying from 32 m., between Alloa on the Frith of Forth and Dumbarton on the Clyde, to 146 m. of Forth and Dumbarton on the Clyde, to 146 m. between Buchanness Point in Aberdeenshire and Rowanmoan Point in Ross-shire. Its subdivisions, area, and pop., are as follow:

Acres of Land Total Area in Area of Land in Acres. Area of Lakes, &c. in Acres. Pop. in 1831. Pop. in 1841. to an Individual Aberdeen
Argyll, ex. Islands
Ayr
Banff
Berwick
Caithness
Clackmannan
Cropparty 1,254,400 1,408,000 664,960 412,800 282,880 199,283 63,788 164,522 50,076 34,427 36,197 19,116 11,362 6,400 38,400 3,840 1,880 1,970 2,920 1,045 647 486 259 1,265 354 480 480 480 480 480 1,265 882 2,77 7,155 2,658 2,129 7,115 2,658 1,201 1,2 177,651 66,382 145,053 48,604 54,529 14,729 11,299 35,211 73,770 219,345 34,251 128,859 139,606 56,145 6-523 22-073 22-073 4-143 8-243 8-246 12-146 1-007 11-011 1-004 8-630 2-130 2-130 4-568 7-358 6-258 12-792 1-416 12-538 12-538 12-538 12-538 12-538 12-538 282,880 439,680 50,720 165,840 145,920 226,560 502,750 298,880 568,720 1,858,560 245,760 525,760 604,880 6,400 16,400 19,840 6,400 Cromarty Dumbarto 11,362 44,295 72,825 225,623 34,994 140,310 170,400 36,781 53,531 33,062 Dumfrie Edinburgh Eigin
Fife
Forfar (Angus)
Haddington 4,480 1,910 2,560 riaddington Inverness, ex. Kincardine 84,480 1,280 4,480 8,000 31,431 33,052 8,763 41,093 427,113 26,848 9,218 10,520 158,161 154,755 50,603 46,005 7,989 82,179 94,666 9,072 40,590 316,519 23,201 9,354 10,578 Kirkcudbright Lanark Linlithgou 604,880 76,500 124,800 204,160 1,656,320 1,524,160 457,600 168,320 312,960 1,122,560 288,960 604,580 1,900 Nairn Pechle Perth 10,578 142,894 133,443 48,980 43,663 6,833 52,000 11-989 930 96-167 9-947 21-069 3-808 45-510 7-375 1,280 38,400 320 960 8,320 30,080 4,800 Ross, ex. Isls Rossburgh Seikirk Stirling Sutherland 72,621 29,518 36,308 39,179 26,014 16.532.800 \$16,160 9.909.854 2.451.668 A verage of acres to a in the mainland m indivi لعا Islo-161 929 1,150 560 485 855 103,040 894,560 736,000 858,400 272,000 847,900 2,560 13,440 37,760 12,900 9,600 16,000 14,151 54,591 40,738 14,541 28,847 29,392 18,695 83,352 42,084 17,016 20,441 Totals

A verage of acres to an individual in the islands

A verage 29,600 18,944,000 408,590 2,365,114 2,690,610 of scree to an individual 7-226

ous totals of the above co * The varie nties include 4,715 pers Scotland is extremely irregular in its surface and out-line, and, compared with England, may be said to be ste-rille, rugged, and mountainous. This is so much the case, that, estimating the whole extent of the country, in-clusive of islands and lakes, at 19,000,000 acres, perhaps

ns in barracks, and 1,784 persons in vessels, &co. in heat ns in barracks, and 1,754 persons in vesses, see in harmours, not more than 6,000,000, or, at most, a third part, are arable; while the surface of England and Wales, amounting to 37,000,000 acres, comprises at least 29,000,000 acres, or more than three fourths, of arable land. With the exception, indeed, of a few rich alfuvial tracts, there are no extensive vales in Scotland; its surface, even where least mountainous, being generally varied with hill and alse. It is divided by the Prith of Clyde, Loch Lossond, and the Grampiana, into the two grand divisions of the Highlands and Lowlands; the former comprising the N. and the latter the S. part of the country. The Highlands again are divided into two megual parts by the renearkable narrow and deep valley through which the Caledonian Canal has been constructed. The arbie lands in the Highlands are mostly confined to the E. parts of Ross and Cromarty, a ally along the S. side of the Moray Frith, and the E. parts of Aberdeenshre. With these exceptions, the far greater part of the Highlands consists of mountains, moors, and morasses; and in various parts, especially along the W. cosst, they are strenely bleak and barren. In Calthness there is a considerable extent of low ground, but it is mostly mor. The Lowland division of the country comprises, also, a large extent of mountainous districts; but the mountains are not so lofty nor so bleak and rugged as in the Highlands, and there is a much greater extent of low fertile land. vial tracts, there are no extensive vales in Scotland;

in the Highlands, and there is a much greater extent of low fertile land.

The mountains of Scotland run generally in chains from S.W. to N.E., though there are many detached groups not following this distribution. They are frequently rocky, bare, and precipitous; though mostly covered with beath. The principal and most celebrated chain is that of the Grampians, which comprises nearly all the highest of the Scottish mountains, except Ben Nevis. This stony girdle extends across the island from the arms of the sea, called Loch Ettve and Loch Fyne, in Argyleshire, E. by N. to Stone-haven on the E. coast, and Echt, in Aberdeenshire, fornsing, as already stated, in the greater part of its course, the line of demarcation between the Highlands and Lowlands, and separating the waters which flow into the Forth, Tay, and South Esk, from those which join the Speem, Spey, and Dee. Its most elevated summits are near the head of the Northern Dee. Ben Macchin, 11 m. N.W. Braemar, iat. 37° 6° N., long, 3° 37° W., 4,390 ft. above the level of the sea, is at once the culminating point of the Grampians, and the highest of the British mountains, being 30 ft. higher than Ben Nevis, which was long considered as the highest of the Soctian mountains, and 319 ft. higher than Snowdon in Wales. The other principal summits in the Grampian acade in the Scattish mountains, also belongs to this chain. The Grampians are distringuished by their sterility, and desolute aspect; their sides in many places exhibiting was perpendicular ledges of rock. The principal passes through the chain returned to the Scattish mountains, allowed the places exhibiting was perpendicular ledges of rock. The principal passes through the chain returned the season of Aberfoyle, Leni, Glenshle, and Killierankle.

Ben Nevis, alluded to above, lies to the N.W. of this

rankie.

Ben Nevis, alluded to above, lies to the N.W. of this hain, in about 56° 49° 30" N. lat., long. 5° W., being parated from the Gramplans by the moor of Rannochrises to an elevation of 4,370 ft. above the sea. Its sumit, which commands a magnificent view extending from Paps of Jura to Cuchullin in Skye, Cairngorm, Ben achlu, &c., is, during the greater part of the year, vered with snow. From Ben Nevis N. to Loch Broom reral mountains rise to nearly 4,000 ft. in height; and country is of thinly inhabited that frequently for many les not a house is visible. But from Loch Broom to Wrath the surface diminishes considerably in eleion, and, though bleak in the extreme, is, for some ance from the W. coast inland, not more than about 0 ft. above the sea.

ance from the w. comes managed, and ochill hills, which the Lowlands, the Sidiaw and Ochill hills, which parallel to the Grampians, nowhere rise to 2,500 ft. ed Broadlaw, on the N. border of Dumfriesshire, ighest mountain in the S. of Scotland, is only 2,741 gove the sea. The more elevated tracts in the Low-mutains of Roxburgh, Dumfries, ove the sea. The more elevated tracts in the Low-including the mountains of Roxburgh, Dumfries, les, Selkirk, and Lanark shires, are frequently h, and covered with a fine sward, affording good

age for sheep.

ugh the valleys and level tracts in Scotland be of Of limited extent as several mixtures and of limited extent as several mixtures. nigh the valleys and level tracts in Scotland be dof of limited extent, as compared with those of id, some of them are extremely fertile, and they satly well cultivated. The carse of Stirling and k, on the banks of the Forth; that of Stratheam wrie, on the Tay; and the merse of Berwickshire, alluvial tracts, are not inferior, in point of proness, to any land of the empire. Teviotale, low lands along the Tryne, in E. Lothian; the How or the low ground along the Eden in Fifeund Strathmore, or the low grounds between mpian Mountains and the Ochili Hills, consist, nost part, of fich lomy soil, and are extremely nost part, of rich loamy soil, and are extremely ned. It should also be observed that the general y of the surface makes the lower parts of the appear to be much less fruitful than they

really are; the hollows between the small eminences being often extremely fertile, and the eminences themselves, even when they are unsusceptible of tillage, frequently furnish excellent pasture. This is particularly the case in the S. W. counties: large tracts of land in Galloway and Dumfriesshire that let from 20s. to 30s. an acre and upwards, would appear to one not well acqualited with the country sod its capabilities worth little or nothing. A good deal of level but generally highlying land, especially in the Highlands, and in some parts also of the lowlands, consists of moors; having for the most part a clay subsoil, covered with peat earth or moss impregnated with water, not unlike the bogs of Ireland. Many of these moors are of very considerable extent; the largest, probably, as well as the most decable and worthless, is the moor of Rannoch, to the S. of Ben Nevis, comprised in the shires of Argyle, Perth, and

and worthless, is the moor of Rannoch, to the S. of Ben Nevis, comprised in the shires of Argyle, Perth, and Inverness.

*Rivers.**—Scotland has numerous rivers, several of which are of considerable size. They differ from those of Ragland in being more precipitous, rapid, interruped by cataracts, and subject to sudden overflowings. Except the Clyde, the others mostly disembogue on the E. coast. The Tweed, which rises on the confines of Dumtjesshire and Lanarkshire, falls into the N. Sea at Berwick, after a course of about 100 m., only a small portion of which is navigable. Proceeding northwards, the next river of any considerable magnitude is the Forth, which rises on the E. side of Ben Lomond, and has in general an easterly, but very tortuous course to Kincardine, where it unites with its great extuary, or rather arm of the sea, the Frith of Forth, the Bodoria, of Tactics. It receives, on its N. side, the Teith and Allan, and from the S., the Devon, &c.; Aberfoyle, Stirling, and Alloa are on its banks. The Forth is rajid for some considerable distance from its source; but during the greater part of its course it runs through a flat country with many windings: vessels of 300 tons ascend the Forth as far as Allos, and those of 70 tons ascend to Stirling. It is connected with the Clyde by the great canal from Grangemouth to Dunglass. The Tay is the largest of Scotch rivers, and is supposed to carry more water to the sea than the Thames, or any other river in Great Britain. (See Tax.) The N. and S. Eska, Dee, Don, Spey, and Findhorn, all discharge themselves on the E. coast; and in the N. division of the Highlands are the Nairn, Ness, Beauly, &c. The Spey is one of the largest rivers in Scotland, and certainly the most rapid. It rises in Loch Spey, and pursues mostly a N.E. course to the Moray Prith, which it enters after a course of about 96 m. It receives no large tributary, but innumerable mountain torrents, in consequence of which it is subject to frequent and destructive innundations. The Clyde, the Glotta of

way Frith, are the only other streams it is necessary to notice.

The locks, or fresh-water lakes of Scotland, are numerous, and highly distinguished for their picturesque scenery. Loch Lomond (which see, essk), p. 193.) is the largest lake in Great Britain; being about 24 m. in length, and from 7 m. to 7½ m. across in the broadest part. It is estimated to cover about 25,000 acres. Lochs Awe, Ness, Marse, Tay, 5 hin, &c., in the shires of Argyle, Ross, Perth, and Sunderland, are among the other principal lakes. Most of these are long, narrow, and deep, filling up the bottoms of the valleys between the mountains. They abound with trout, perch, pike, &c.; but Loch Leven, in Kinross-shire, is the only lake that yields any revenue to its proprietors.

The coasts of Scotland are mostly bold and rocky; and on the W. side, in particular, they are very much indented by arms of the sea, termed friths, and lochs, that extend far inland, and, for the most part, carry deep water to their very head. These friths and inlets are of considerable importance in a commercial point of view.

water to their very head. These friths and inlets are of considerable importance in a commercial point of view, especially as few of the rivers are navigable to any great distance inland. On the R. coast are the friths of Forth and Tsy, which, especially the first, are of great importance, as affording facilities of communication to the richest districts of the country; N. of the latter, on the same coast, are the friths of Morsy, Dornoch, Cromarty, &c.: on the W. coast, the frith of Clyde, and Lochs Broom, Torridon, Linnbe, Fyne, &c., deeply indent the country. The harbours of Leith, Grangemouth, Queensferry, Burntisland, &c., are in the Frith of Forth, and

those of Dundee and Perth in the Frith of Tay. Between the Tay and Buchan Ness are the harbours of Montrose, Aberdeen, and Peterhead: the Frith of Cromarty, N. of Buchan Ness Point, is unquestionally the best asylum for shipping on the E. side of Great Britain, and one of the finest, indeed, that is anywhere to be met with. Between the latter and Duncansby Head are the small harbours of Wick, St. Clair's Bay, &c. Prom Cape Wrath to the Clyde, the narrow arms of the sea, though deep and secure, are little frequented. The ports of Greenock and Glasgow are the principal in the Frith of Clyde, and enjoy an extensive trade; but Lamiash Bay, on the E. side of the Isle of Arran, is the best harbour in this neighbourhood. There are some pretty good harbours on the coasts of Wigtown and Kirkcudbright shires. The principal headlands are St. Abb's Head, Fife Ness, Peterhead, Tarbet Ness, and Duncansby Head, on the R.; Ru. Rea, Ardnamurchan, and the Mulls of Oe and Cantire, on the W.; and the Mull of Galloway and Burrowhead, on the S. coast.

W.; and the Sull of Galloway and Burrownead, on the S. coast.

There are few or no islands off the E., but many of large size lie contiguous to and off the W., coast. These are mostly included under the Hebrides (which see). The islands of Orkney and Shetland (which see) lie off the N. coast of Scotland; the Orkneys, the nearest, being separated from the mainland by the Pentland Frith, 6 m.

General Aspect of the Country. — The finest parts of the low country of Scotland usually want the rich luxuriance of an English landscape. Within the last sixty or seventy years a great deal has, no doubt, been done in the way of raising plantations; and the strictures of Dr. Johnson, as to the deficiency of wood, would at present be quite inapplicable, however just they may have been when dictated. In Scotland, however, plantations are not spread generally over the country, but are mostly congregated in the neighbourhood of gentlemen's seats, while in many large tracts they are wholly wanting. In most parts, too, we look in vain for those hedgerow trees that give so much of a woody appearance to the southern part of the island. Generally, also, the inclosures are a good deal larger than in England; and the fences being either stone walls (dykes) or hedges, that occupy only a good deal larger than in England; and the fences being either stone walls (dykes) or hedges, that occupy only a small space of ground, having little of the breadth and roughness of those of England, the country, however well farmed, seems to an Englishman deficient in vegetation and verdure, and cold and comfortless. On the other hand, however, the succession of new objects presented by the unevenness of the surface, the rude grandeur of the mountains that every where bound the prospect, and the striking contrast frequently afforded between rich, well-cultivated, low grounds, and the contiguous high barren ridges, take from the Scottish land-scape the tameness and monotony that prevail in many parts of England, and render it singularly picturesque and impressive.

scape the tameness and monotony that prevail in many parts of England, and render it singularly picturesque and impressive.

Citimatic.—Scotland has a more rigorous climate than England; but owing to the proximity of most parts of the country to the sea, and the numerous friths and deep bays, by which it is penetrated, it is less severe than might, from the lat., be expected. The mean annual temperature of places near the level of the ocean, throughout the country, averages about 46½° Fah. At Edinburgh, which is from 300 to 400 ft. above the sealers, the mean temperature of the year is 47.9% which may be taken as that of the inland parts generally in the S. of Scotland, the mean of the coldest month being 883% and of the warmest, 59.4%. A great deal of rain falls in Scotland, but very unequally; for on the R. coast it ranges from 32 to 30 in; whereas, on the W. coast and in the Hebrides, it ranges from 30 to 44 in. The average fall of rain in Edinburgh is about 23½, and in Glasgow about 29.55 in. Excess of bumidity, and the occurrence of heavy rains in August, September, and October, and of coul piercing E. winds, especially along the E. coast, in the months of April, May, and the first half of June, are the great drawbacks on the climate of Scotland. It is rare, indeed, that the crops suffer from wet and from violent winds, especially in the W. part of the country. The climate is, however, highly salubrious, and favourable alike to longevity, and to the development of the physical and mental powers.

Geology.— A line drawa in a N.E. direction from the m. of the Clyde to Stonehaven, on the E. coast, separates the two principal geological regions. The first, to the N. of that line, is mostly composed of primary rocks, granite, guelas, mines-slate, overbain in various parts by trap, red sandstone, and coal beds: granites is, however, largely developed in the S.W. of the kingdom, in the stewartry of Kirkcudbright, at Criffel, and is the Cairmanur range. Little if any coal exists in the primary division of the

country; few metals are discovered there, and its most important mineral products are building-stone and roof-ing-siate. Some lead mines are, however, wrought at Strontian, in Argylesh.; and in Inverness-sh. plumbuge of inferior quality has been found, imbedded between lamines of mica state. None of the secondary calcareous

of inferior quality has been found, imbedded between lamins of mice size. None of the secondary calcareous formations, so extensively prevalent in England, have been found in Scotland, nor any tertiary formations. Coal sand from.—The great coal district of Scotland may be considered as bounded on the N. by a line drawn from the mouth of the Tay to the N. extremity of the laie of Arran, and on the S. by another line drawn from St. Abb's Head to Girvan, in Ayashire. These limits comprise a band of country, in which are several large coal fields detached from each other, the most valuable extending along the banks of the Forth, with a breadth of from 10 to 13 m. on either side the river. The Edinburgh coal-field, to the S. and E. of that city, occupies an area of 80 sq. m.; and from Batigate the coal deposits extend W. to Glasgow and Palsiey, and have, in fact, been the principal cause of the wonderful progress made by the former in manufactures, wealth, and population. There are several small detached coal-fields in Ayrshire and some of the other S. counties. Iron is of frequent occurrence in the coal districts, especially in Lanarkshire, where the ores are of the very best quality; and the iron trade of that country, and of Scotland generally, has latterly increased with unexampled rapidity, and is now of the greatest importance. So much so is this the case, that, while in June, 1835, there were only 29 furnaces in blast, estimated to produce 75,000 tons of iron, it appears from the following statement, obtained from private sources, on which every reliance may be placed, that on the lat January, 1851, there were 105 furnaces in blast, producing at the rate of 600,500 tons a year I There were then also 37 furnaces out of blast.

Werks.	Where situated,	Purmeces in Blast.	Out of Bleet	Total.	Weekly Produce, 110 tons per West each Furnace.	Yearly Pro- duce, 110 tens per Week each Furnace.
Gartsherrie - Dundyvan - Chyde - Omos - Calder - Govan - Langiosh - Carnbrae - Bummerice - Monkland - Colmess - Shotts - Castiehill - Giengarnock - Blair -	Lamarkshire	15-77-35-4-5-4-5-4-5-5-9-5-9-5-9-8-9-9-9-9-9-9-9-9-9-9-9-9	52041011115	1697486666964894	770 530 440 560 440 660 230 550 900 540 530 210 880	8A,508 40,040 17,160 22,550 38,400 22,556 34,259 11,440 25,600 81,600 17,160 11,400 46,760
Muirkirk - Lugar - Eglimton - Dalmeiling- ton -	Ξ	14 3 5	01	4 4 8	990 440 830 880 990	92,160 17,160 17,160
Portland Nithedale Forth Lochgelly	Pifoshire -	5 0 5 0	00519	2002	290 550	11,400 28,600
Garron -	shire Stirlingshire Clackman-	2	2	3	220	11,400
Devon {	nanahire - Linlithgew- shire -	4	0	4	220 440	11,400 22,840
	Total -	105	37	142	11,550	600,600°

The whole of the above iron is made by means of hested air, with the exception of one furnace at Carron.

The bar iron trade of Scotland has not made the progress that might, perhaps, have been anticipated. We subjoin some details.

Malleable Iron Works in Scotland, 1st January, 1861.

Monkiand Canarkshire 600	P10-
Mulirkish - Ayrehine - 70 East of Scotland - Pisuhire - 150 West of Scotland - Lavarkshire - 500	_

[•] We have estimated the produce at the average rate of 110 to per week for each ferrace, without making any absurance strategy of the same per week for the same per section of 150 to be per week for the same per section of the same per section

This makes the total produce 123,340 tons a year. The production last year, however, was only about 80,000 tons, caused by two of the works standing, and the others working about time.

causes by two or ne works standing, and the others working short time. Gold has been occasionally found in the streams near the lead hills in Lazarkshire, and elsewhere; and allver has been met with in various places; but the precious metals are not so abundant as to defray the expense of seeing for them.

Next to from lead and copper are the most valuable metals. The mines of Wanlockhead and Leadhills, on the borders of Lazarkhire and Dumfriesshire, furnish annually about 860 or 1,000 tons lead, and the produce of ammany about sou or 1,000 tons lead, and the produce of the mines in Arphire, Kirkcudbright, &c., may amount to about as much more. Small quantities of cobalt, bis-muth, manganes, &c., are met with. Scotland produces marble in great variety, and of very superior quality, slates, excellent building stone, and many varieties of gens. Brick is but little used in building; the houser being everywhere almost of stone.

Socilach is upposed to possess about 3,220 indigenous slants, of which 870 are dicotyledonous, 380 monocotyle-donous, and 2,090 cryptogamic. Most of the forest trees of England are met with. In the Highlands are several extensive forests of pine (Piness systems), covering the valleys, and ascending to an elevation of 2,500 ft. up the valleys, and accending to an elevation of \$,500 ft. up the mountains. Apples, parts, plums, peaches, apricots, &c. ripen in the open air as far N. as Inverness, and in warm sheltered situations to the N. extremity of the kingdom. The sea-weed, which grows in great profusion round the coasts, used to be extensively manufactured into kelp, and the business, though much diminished, in consequence of the preparation of south factor (artificial sods), is still carried on to a considerable extent.

The self exclusive is Reveland are mostly the same as

soda), is still carried on to a considerable extent. The stills extends of Scotland are mostly the same as those of England, including the stag, wild roe, hare, rabbit, fox, badger, otter, wild cat, hedgehog, &c.; though some of these are becoming scarce. The wolf and beaver, formerly natives of the country, have been long extinct; and the only existing remains of the sum, or native bread of cattle, are restricted to a ew preserved in the Duke of Hamilton's park, near Jamilton. One of the domestic animals peculiar to ew preserved in the Duke of Hamilton's park, near iamiton. One of the domestic animals peculiar to cotland is the colley, or true shepherd's dog, and many secimens of the number of the secies of eagles, and other birds of prey, and aquatic rds in great numbers, inhabit the rugged coasts, and e pheasant, ptarmigan, black-cock, grouse, and partige abound inland. The noble species of game called cappercalisio, or cock of the wood (Tetrao Uro-Tus), was formerly abundant in Scotland; but it sears to have been exterminated about 1760. Within see few years, however, it has been re-introduced rears to have been exterminated about 1760. Within see few years, however, it has been re-introduced the Marquis of Breadalbane, the Earl of Fife, and re extensive forest proprietors; and there can be no by that, if properly protected, it will succeed very; but it is too obvious and too tempting a mark for scacher to maintain itself. Sociand has also most be English singing-birds, except the nightingale, his rarely, indeed, found N. of the Trent. The are similar to those of England: the rivers teem the finest salmon, trout, &c.; and the salmon ice of the Tay, Tweed, Forth, Spsy, &c., are highly ble.

one. —The salmon fishery is the most important it may be called the domestic fisheries, and since ondon has received the greater part by far of her of salmon from Scotland, considerable quantities itso sent to Liverpool. The fish are brought up, the hottest weather, quite fresh, being packed in

LAND.

pounded ice. Previously to the introduction of this plant salmon used to be consumed principally in the country where it was taken; and, in some parts of Scotland, domestic servants used to stipulate that they should not be obliged to dine on salmon more than three or four times a week. The salmon fisheries seem to have attained their maximum value towards the end of last war, when the flaberies in the Tweed were let for from 15,000t. to 18,000t. a year! and those of the Tay, Dee, Spey, &c., were proportionally valuable. But the value of the Scotch salmon sheries has, speaking generally, declined greatly of late years; in consequence principally of a diminished supply of flah in the rivers, but, in some degree, also, from the greater facility of communication between London and Liverpool, and the consequent importation of Irish salmon into London, and more recently of foreign salmon. We were fortunate enough to obtain from a source on which every reliance may be placed, the following

Account of the Quantity of Salmon packed in Ice imported into London, from Scotland, during each of the 8 Years ending with the 14th of Oct., 1841, and of

Years end- ing Oct. 14.	Weight of Fish.	Average Price, about	Total Value.
1834 1835 1836 1837 1839 1840 1841	£ha, 5,452,800 4,740,960 2,751,840 5,617,600 2,394,800 1,850,080 1,637,940 5,192,672	d. 94 per 1b. 9 104 10 11 11 11	2 133,900 177,800 120,400 150,750 104,160 83,880 77,850 116,400

This, it will be observed, is independent of the pickled salmon brought from Scotland, the quantity and value of which varies as much as that of the fresh salmon. But of which varies as much as that of the fresh salmon. But we are well assured that, at an average of the last eight years, its value has not exceeded 12,000% a year. At an average, the retail price of salmon in London may be taken at from 80 to 75 per cent. above the wholesale price. We may remark by the way that as by far the largest portion of the salmon made use of in London comes from Scotland, the above statement shows that its consumption in the metapolis in not marks or meet as its exemption.

portion of the salmon made use of in London comes from scotland, the above statement shows that its consumption in the metropolis is not nearly so great as is generally supposed. In fact, it is little used, except by the more oppliest classes; and nothing that is not generally used by the middle classes, or by them and the lower, is ever of much public importances.

The herring fishery has latterly been prosecuted with tonsiderable success, and is now becoming an important branch of industry. Down to a recent period, it had been attempted to bolster up this department by granting bountles on the fitting out of vessels for the fishery, on the herrings taken and exported, and so forth. But notwithstanding the very large sums expended in this way, their influence was found to be injurious rather than otherwise; partly by the meddling they occasioned on the part of government, and partly by the temptation the bounty afforded to small farmers and others, nowise acquainted with the business, to engage in it to the injury of the regular fishermen. At length, however, the abolition of the duty on sait, and the growing conviction of the inexpediency of the bounty, led first to its gradual, and ultimately to its total, abolition in 1830; since which, we are happy to have to state, the business has not culy been carried on upon a solid foundation, but has progressively increased. This is obvious from the following anded, and exported, in the undermentioned Years.

ccount of the total Quantity of Herrings cured, branded, and exported, in the undermentioned Years.

Total (Quantity of Herring	s cured.	Total Quantity	Total Qu	antity of Herring	exported.
Gutted.	Ungutted.	Total.	of Herrings branded.	Gutted.	Ungutted.	Total.
Berrale, 65,430 106,572 847,190 803,397 287,933 217,432 599,356 289,356 384,249 404,579 449,250 449,250 442,250	Barrela. 96,3074 54,767 35,301 44,988 48,685 60,074 99,380 105,574 175,359 161,199 181,199 191,803	Harrels, 91,827a 160,139‡ 389,491a 347,665‡ 379,557 277,317 497,614‡ 397,829 505,359‡ 543,945 567,262a 667,245‡ 665,309‡	Barrels. 50,6878 83,576 200,700 217,9444 215,4184 84,517 114,192 145,588 155,4184 159,1184 159,1184 159,1184 159,1184 159,1184 159,1184 159,1184 159,1184 159,1184 159,1184	Borrela- 18,880 68,938 244,995 201,882 177,776 156,229 270,846 187,238 222,160 233,690 244,851 244,851 250,554 244,851 257,043 257,044 257,045 257,	Berrels. 19,205 71,367 9,450 9,450 1,34 8,978 9,580 2,547 2,047 6,997 6,040 1,048 3,286 1,306 4,757 2,349	Be 12. 34 153 141 505 125 515 155 155 155 155 155 155 155 15
411,271 414,915 872,969 392,827 507,024	121,575 192,6358 189,754 201,541 963,673	532,646 607,451 562,743 644,368 770,698	142,4734 156,2784 146,5004 153,944 213,2864	240,006 250,857 245,842 244,655 835,091	3,186 4,8564 4,839 8,339 8,1648	245,194 255,714 250,181 249,094 340,2562

he 6 years ending 5th April, 1815, the bounty on berrings cured guited was 2s. per barrel, while there was a bounty at the 2s. Sef. peer barrel, payable by the excise, on the exportation of herrings, whether cared guited or unguited, but which ossure, 1815. In the 21 years ending 5th April, 1856, the bounty on berrings cured guited was 4s. per berried (about 55 principles). In the 4 succeeding pears, the bounty on berrings cured guited was 4s. per berried (about 55 principles). In the 4 succeeding pears, the bounty was reduced 1s. per barrel each year, thill the 5th April, 1850, when here, and these both renewed.

The cod and white-fish fishery is also extensively carried on; 92,903 cwts. and 6,588 bar. cod having been cured in 1849. The large share taken by Scotland in the Northern whale fishery is evinced by the statement. cured in 1849. The large snare taken by Scottand in the Northern whale fishery is evinced by the statement, that, in 1834, of 76 vessels engaged in the trade, 41, of the aggregate burden of 13,242 tons, were from Scotland, and brought home 4,912 tons of oil and 257 tons of whalebone. This department of industry has since, however, rapidly declined, not from any diminution of however, rapidly decursed, not from any difficulties askill or enterprise, but from the increasing risks and unprofitable nature of the business. Fortunately the loss of the whale fishery has been more than compensated by the extension of the herring fishery, and the success that

Races of Inhabitants. — It is generally allowed that the first immigrants into Scotland, like those into Engthe first immigrants into Scotland, like those into England, whence, perhaps, they originally came, belonged to the great Celitic family; and Mr. Chalmers and others have endeavoured to prove that the population continued to be purely Celitic till it was alloyed, first by Roman, and subsequently by Gothic invaders. (Caledonia, vol. i. p. 496., &c.) But this opinion does not seem very tenable. Tacitus expressly affirms that the Caledonians, or inhabitants of Scotland, were of Germanic or Gothic origin. "Rutiles Caledoniam habitantium comes, magni artus, Germanicam originem adseverant." (Fit. Agricole, cap. II.) Agricole, however, from whom Tacitus derived his information, knew little or next to nothing of the country N. of the Grampians; and, as there is every reason to think that Berwickshire, the Lothians, Fife, and other parts of the low country on the R. coast of reason to think that Berwickshire, the Lothians, Fife, and other parts of the low country on the R. coast of Scotland, were, like the same tracts in England, early occupied by Belgic, or other Gothic colonists from the opposite continental coast, it seems most probable that Tacitus, in sacribing to the Caledonians a Germanic origin, lad these only in New. The fair presumption is, that, in the northern, as in the more southern part of the island, the old Celtic inhabitants maintained their as-

ssiand, the oid Celtic innautants maintained their as-cendancy in all the mountainous, and, comparatively inaccessible districts; and this reasonable presumption is corroborated by various circumstances. In the third century, the terms Picts and Pictland began to be substituted for Caledonians and Caledonia. It is pretty generally believed that these terms apply to the same people, and the same country. It seems, in-deed, to be perfectly clear, that the Picts were descended from the Seythians, or Goths's and, if we be right in our statement, as to the origin of the Caledonians, it follows that, if the Picts were not identical with them, they be-

longed, at all events, to a congenerous race.

About the period of the withdrawal of the Romans About the period of the withdrawal of the Romans from Bitain, a tribe called Scoti or Atacotti (the Dairiads of the venerable Bede), began to be distinguished as a leading tribe in Ireland; and seems, indeed, to have given its name to the island, which, for some centuries, was called Scotia. (Pinkerton's Grography, I. 137. ed. 1811.) It would seem, that, previously to the 11th century, a colony of the Scoti from Ireland had established themselves in the West Highlands; and this colony, in no very long time, gave its name first to the Highlands, whence it was subsequently extended, on its being united under one government, to all that part of the island N, of the Tweed and the Solway Frith. The Scoti ceased to be heard of in Ireland not long after they had obtained a footing in the Highlands, and the ancient names of that island were revived.

Every thing connected with the history of the Scoti is

island were revived.

By ery thing connected with the history of the Scoti is involved in impenetrable obscurity. But it is agreed, that, whatever may have been their remote origin, they had, when they settled in the Western Highlands, the language and habits of the Irish Celta, or Gael, a congenerous race with the Highland Celta, and speaking, in fact, the same language. But the Scoti-colonists had a written language, which the old occupiers of the country had not; and they were also decidedly superior to the latter in knowledge and civilisation. (Pinkerton, On the Early History of Scotland, il. 160.) These circumstances sufficiently account for the ascendancy they acquired, and for their being able to give their name to the Highlands, without having recourse to the hypothesis, for which there is not a tittle of evidence, of their having conquered the country.

which there is not a tittle of evidence, of their having conquered the country.

After the Romans withdrew from Britain, some Gothic or Saxon tribes, following the example set by those who had previously settled in the more southerly parts of the island, established themselves, during the sixth century of our ara, between the Tweed and the Frith of Forth. (Turner's Anglo Sarons, 5th ed., 1. 299.) These new immigrants were afterwards followed by others, at the same time that they drew recruits from their brethren established in England; and Mr. Chalmers supposes that, helv power being thus progressively augmented, they gradually acquired a complete ascendancy in all the southern parts of the kingdom, and communicated to

Ose Pinkerten's chapter on the Origin of the Picts, in his Impery into the sariy History of Sections.

their language and manners. (Caledonia, ii. 7.) This bowers, would have been an extremely difficult task; but if, which seems abundantly certain, we conclude, with Pinkerton, that the Picts, who were in possession of all the low country in the sixth century, were congenerous with the Saxons, by whom it was then invaded, the two races would readily amalgamate, and the early prevalence of the Scandinavian or Gothic tongue in the Lowlands is rationally and satisfactorily accounted for.

Lowlands is rationally and satisfactorily accounted for.

Towards the end of the eighth century, a fresh colony
from Ireland established itself in the district now known by the name of Galloway, in the S.W. part of Scotland. But though these colonists succeeded in giving a name to the country, they were not sufficiently numerous to introduce their language into common use.† And for several centuries, long indeed before the inhabitants had any considerable intercourse with other parts of the kingdown the Saverence and the several centuries.

dom, the Saxon tongue has been in as universal use in Galloway as in any part of the Lowlands of Scotland.

Exclusive of the Celts, Goths, or Picts, Romans, Scotland, and Saxons, coloules of Danes and Norwegians established themselves in Cathuess, and other parts of the metalland and the colour parts of the metalland services. established themselves in Caithness, and other parts of the mainland, as well as in Orkney and Shetland, and parts of the Western Isles. Generally, however, it may be said, notwithstanding the late great indux; of Irish settlers into Glasgow, Palsley, and other large towns, that at present the inhabs, of the Lowlands of Scotland are principally of Saxon, while those of the Highlands, with the exception of Caithness, are simost entirely of Celtic extraction.

Population.—We have few data to guide us in estimating the amount of the pop. previously to the period of the Union, in 1707, at which time Scotland is supposed to have had about 1,050,000 inhabs. In 1785, the pop. was ascertained by Dr. Webster to amount to 1,265,000; and since 1801 its progress has been as follows:—[See Table next page.]

next page.]
This increase, though rapid, is less than the increase of the pop. of England during the same period; and it is, also, much less than the increase in Ireland from 18-1 of the pop. of England during the same period; and its, also, much less than the increase in Ireland from 18-1. to 1831. This, however, is a favourable system, for it.ere are good grounds for thinking that the wealth of Scotiand increased more rapidly during the above period than that of either of the other great divisions of the empire: and if so, it is plain, inasmuch as her inhab. did not increase of sate, that their condition must have been proportionally improved; and, in point of fact, they are, speaking generally, in more prosperous circumstances at present than at any former period. Owing to the sterility of the soil, and other causes, the pop of Scotland is much less dense than that of the sister kingdoms. The increase of pop. has been chiefly in the great towns; turing the 10 years ending with 1830, the pop. of the country at large increased 16 per cent., and during the 10 years ending with 1830, the pop. of the large towns increased respectively 26½ and 26½ per cent. during the same periods. The pop, in some of the consal latterly rather declined, in consequence of the consalidation of farms, and the extension of sheep walks.

Agriculture.—Scotland, from being about

Agriculture. - Scotland, from being about the middle of last century one of the worst cultivated countries of Europe, is now one of the best. At this moment, indeed, the agriculture of the best farmed cos. of Scotland is certainly equal, and is by many deemed superior, to that of Northumberland, Lincoln, and Norfolk, the best farmed cos. of England. The proximate cause of this extraordinary progress must be sought for in the rapid growth of manufactures and commerce, and consequently of large towns, and the proportionally great demand for agricultural produce since the peace of Paris in 1763, and especially since the close of the American war. Fortunately, too, the influence of these favourable circumstances was not counteracted by any vicious institutions, or by any thing unfavour-able in the mode of letting and occupying land. Next to the opening of new, extensive, and rapidly increasing markets, the wonderful im-provement of Scotch husbandry may be ascribed to the prevalence of leases of reasonable length, usually 19 years, and which generally embody clauses to prevent the exhaustion of the soil; the

^{† &}quot;Galleway, in the Latin writers of the middle tyme, Gestvallin sive Gallovidia, so called by the Irish who sometyme dwelt there, and terms themselves, in their awns language, Gall. (Thinsity Pear's Galloway, in the dysecale in Symmet's Galloway, p. 114.)
† This inflax has been, in all respects, most injurious in the peaple of Seviends and England, where it has taken place to an equally great extent, without conserving any corresponding advantage on the Irish. (No Selection 2 Great British 2 delicies, 1 284.)

				Inc.		Inc.		Inc.		Isc.		1841.	
Counti	#		1801.	per cent.	1811.	per cent.	1821.	per cent.	1831.	per cent.	Males.	Females-	Total.
deen		-	123,082	10	135075	18	155,387	14	177,651	8.2	89,598	102,755	192,283
le •		•	71,859	19	85,385	14	97,316	4	100,973		47,654	49,486	97,140
		- 1	84,306	23	103,954	122	127,299	14	145,055	13.4	78,970	85,552	164,542
r -	•	- 1	35,807	2 1	36,668	19	43,561	12	48,604	3.	23,485	26,651	50,076
ick		- 1	30,621	1 1	30,779	8	33,385	*	34,048	1.1	16.327	17,900	84,427
	•	•	11,791	2	14,033	15	13,797	8	14.151	10-9	7,108	8,587	15,695
171000	•	-	22,609	1 4	23,419	29	30,236	14	84.529	4.8	16,993	19,204	36,197
COLUMN		- 1	10,858	111	14,010	10	13,263	111	14,729	29.7	9,331	9,785	19,116
barton		•	20,710	17	24,189	19	27,317	22	33.211	33.8	22,505	21,790	44,296
fries *	•		54,597	15	62,960	13	70,878	4	78,770		81,097	36,728	72,825
burgh		-	122,954	21	148,607	29	191.314	15	219,345	2.8	102,709	122,914	225,623
17		•	26,705	5	128,106	111	31,162	10	34.831	2.2	16,071	18,925	84,994
~ .	-		98,743	8	101,472	13	114,556	112	148,839	8-9	65,735	74.575	140,310
ur •			99,127	1 8	107.264	6	113,430	23	139,606	22.	79,234	91,166	170,400
lington *			29,986	4	31.164	13	35,127	3	36,145	1	17,255	18,598	85,781
mess			74,192	5	78,336	15	90,157	5	94.797	1 25-	45,506	62,109	97,615
ardine			26,349	4	27,439	1 6	29,118	8	31,431	5-1	15,804	17,248	33.052
OBS ®			6.725	1 8	7.243	1 7	7.769	17	9.072	1	4,194	4,569	8,763
cudbrigh	už.		29.211	15	33,694	1 15	58,903	1 4	40,590	1.2	18,938	22,761	41,099
rk -	٠.		146,099	31	191.752	27	244.387	80	316,819	34-8	208,369	218,744	427,113
thgow	_		17,884	9	19,451	17	22,685	8	23,291	15-2	13,766	15.082	26,848
٠٠.			8,257		8,251	9	9,006	1 4	9,351	1	4,232	4,986	9,218
ry and S	Letters	d .	46,814	l - 1	46,153	15	53,124	10	56,239	4.8	26.845	33,953	60,796
es ·	•	٠.	8.735	14	9.935	1 1	10,046	3	10.578	1	5,122	5,396	10,390
• •		- 1	196,366	7	135,093	1 3	139.050	3	142,894	١.	65,339	79,812	138,151
rew.		-	78,056	19	92,596	21	112,175	19	183,443	16-9	72,795	88,030	154,755
and Cree	marty		85.343	10	68,853	13	68,828	9	74.890	5.5	36.861	42.119	78,980
argh			83,682	1 11	87,430	liŏ	40,492	1 7	43,663	5.3	21,930	24,073	46,003
			5,070	16	5.889	l iš	6,637	l é	6.833	16-9	8,972	4.017	7,969
ng -		-	50,825	14	58,174	līž	65,376	11	72.621	13.1	41.070	41,109	82,179
rland *			23,117	1 2	23,629	1	23,840	1 7	25,518	1	11,307	13,359	24,666
MI	•		22,918	7	26,891	23	83,240	9	36,258	8.	18,258	90,921	89,179
Tota	ala		1,599,068	14	1,805,688	16	2.093,136	13	2,365,114	10.8	1,241,276	1,379,334	2,620,610

.-The returns for 1841 include 4,715 persons resident in barracks in various counties, and 1,775 persons on board ships in harbour.

ice of tithes, and, in most instances, of poor and of all oppressive public burdens; the bition of sub-letting, and the inheritance of ease by the heir-at-law; the introduction eep-farming into the Highlands, and the improvement made in the construction of rits of farming implements. The general of thrashing machines, many of which are lied by steam, and of ploughs with two s driven by the ploughman, are distinguish-haracteristics of Scotch, as compared with ish agriculture.

nded property in Scotland, as compared its extent and value, is in fewer hands in England, there being probably not than 8,000 proprietors in the whole coun-It is most subdivided in the counties fe, Mid-Lothian, Renfrew, and Kirkcud-, but even in these there are many large s; and in most other parts of the country reater portion by far of the land is dised into very large estates, many of which held, down to 1848, under a system of strict perpetual entail: but this system having ound to be productive of various inconveniit was superseded in the above-mentioned ov the stat. 11 & 12 Vict. c. 36., which iolished perpetuities, and placed the Scot-w of entail nearly on the same footing as nglish. But the former tenure was not in its practical influence, so prejudicial to lture as might, à priori, have been antici-

This results from the circumstance of urts of law having decided that it was to let lands belonging to an entailed either for an unusually long period, or:s (Scottice grassums); so that, in truth, has been little or no difference between inditions under which entailed and und estates have been occupied: and as the etors of the former have been empowered den the estates, proportionally to their with sums laid out on necessary imments and buildings, they are, speaking illy, in as good order, and as productive as lers.

ns are of all sizes; varying from 50 to 500 and upwards in the improved tillage dis-

tricts, and from 500 to 5,000 acres and upwards in the hilly and mountainous tracts. Except in a few of the sequestered glens of the Highlands, into which the improved systems have not been introduced, the division of the land is nowhere carried to such an extent as to be prejudicial to agriculture; and, in most parts of the country, farms have been gradually consolidating and increasing in size since the American war. At an average of the kingdom, arable farms may vary from 150 to 500 acres; and pasture farms from 500 to 5000 acres.

Down to the close of the American war, the farm buildings in most parts of Scotland were mean and inadequate in the extreme. In the Lothians they were commonly ranged in a row, having the dwelling-house in the middle, with a barn at the one end, and cattle-houses at the other. In other parts, they were frequently huddled together without any sort of order. The walls were always low, in most instances of stone and clay, the roof being invariably thatch. The dunghill was universally opposite to the door; and so near it, that in wet weather it was no easy matter to get into the house with dry feet. The change that has taken place in these respects during the last half century has been signal and complete. In none but the least acssible and least improved districts are any of the old houses now to be met with. Perhaps, indeed, the other extreme has not been sufficiently avoided; buildings having, not unfrequently, been erected that seem to be both larger and more expensive than necessary. The offices are mostly constructed in the form of a square. In some instances, the dwelling-house makes one of its sides; but in the better class of farms it is removed to some distance from the offices. It is generally two stories high, and is well, and sometimes handsomely, fitted up. Both houses and offices are almost always slated. The expense of buildings is uniformly defrayed by the landlord; but the tenant, for whose accommodation they are in the first instance erected, sometimes pays a percentage upon the money laid out upon them. Sometimes, also, the tenants undertake to carry the materials used in building.

The fences in many parts of Scotland consist of dry stone walls; which, though destitute of

population of the counties marked thus, decreased between 1841. L. II.

originated in the S. W. Kirkcudbright and Wigtown were early subdivided with excellent stone dykes, that are now celebrated all over the kingdom by the name of "Galloway dykes."
They are of very various heights, and degrees
of goodness; but the best are built double to a certain height, when they are capped with broad flat stones projecting a little on each side, over which others are usually laid single; but sometimes those laid over the cap-stone are made to lock firmly together. The best dykes vary from 5) to 6 ft. in height; and, when they have been carefully founded, well built, and constructed of good stones, they make a most excellent and a very durable fence. Examples are not rare of their standing for 60 or 70 years without receiving almost any repair. In a few instances they have been found at above 100 years of age, in a state of perfect preservation! But unless they be of superior material and workmanship, they seldom last more than from 25 to 30 years. Most of the dry stone walls now to be met with all over Scotland have been built, sometimes with more, sometimes with less success, after the Galloway model.*

In respect of farming implements, Scotland has very much the advantage over England. The improved Scotch plough is everywhere met with in the agricultural districts, and is uniformly drawn by two horses, driven by the ploughman. Iron harrows are common. Thrashing-machines are introduced far more extensively than in England; and there is hardly, indeed, a considerable farm in any part of the country without one. The Scotch labourers have never been so absurd as to attempt to advance their interests by de-

stroying those valuable engines.

During the last 20 years, and especially since 1846, improvements of all sorts have been prosecuted in Scotland with extraordinary spirit and success. Drainage has been the grand object of attention: and in some extensive districts it has been carried to such an extent as to have effected a material change in the climate as well as in the soil and appearance of the country, accelerating the period of harvest by two or three weeks? Farms that were formerly wet, late, and suitable only for oats, are now, by the aid of furrow-draining and subsoil-ploughing, made thoroughly dry, early, and suitable for turnips, and for every variety of corn crop. Guano, bones, and other manures are now, also, very largely imported; and these, with the increased quantity and efficacy of farm manure, arising from the improved methods of preserving and applying the latter, have added prodigiously to the productiveness of the land, and to the weight and quality of its produce.

Scotland may be divided into three agricultural districts: - Of these the first, or most southerly, extending from the English border to the rivers Forth and Clyde, contains a large extent of mountainous and pasture land. But extensive tracts in Berwickshire and the Lothians, on the E. coast, are naturally fertile, and are farmed with a degree of skill, economy, and success, unequalled almost in any other part of the empire. There are also large tracts of fertile and well-farmed land in Lanark, Renfrew, Ayrshire, Galloway, and Dumfries; but the climate on the W. coast is not so favourable, and agriculture is not so far advanced on that side the island as on the E. The second agricultural division

beauty, make, when properly built, a capital stretches from the Forth and Clyde to the great fence. This species of inclosure seems to have chain of lakes connected by the Caledonian chain of lakes connected by the Caledonian Canal, that runs from Inverness to the Island of Mull. The mountains in this division are on a grander scale than in the southern division; and the proportion of waste land much greater. It, however, contains some of the finest land in the The carse of Gowrie, stretching from Perth to Dundee, consists of the richest altuvial soil; but its sgriculture, though good, is not equal to that of some other districts. Strathern, lying to the W. of Perth, is also very fertile. Most part of the extensive county of Fife is arable, and is, in general, highly improved. There are also very large tracts of fine land in Forfarshire and Angus, and smaller portions in Aberdeenshire and Moray. The third division of Scotland, or that which embraces the country lying to the N. of the Caledonian Canal and the lakes, is, with the exception of the eastern parts of Ross-shire, and a few patches beside, wild and mountainous. Black cattle, sheep, and wool, are its principal products.

Except in the S.E. counties, oats are grown in far greater quantities than any other kind of grain; and, from more attention being paid to their culture, or the greater suitableness of the climate on both the greater is translated to the second of the se climate, or both, the produce is greater than in England, varying from 30 up to 75 bushels an acre, and even more. Oatmeal, which, till a late period, formed, in cakes and perridge, the principal part of the food of the great bulk of the people, is still in very extensive demand; but, latterly, the use of wheaten bread has be come very general in the rural districts, as well as in the towns. Turnips and potatoes are cultivated throughout most part of the Lowlands. The raising of the former is, perhaps, nowhere so well conducted as in E. Lothian and Berwickshire; and their culture in all parts, but especially in the W. cos., has increased with extraordinary rapidity during the last 20 years. Potatoes have of late been grown in large quantities in some of the E. cos. for the London market; and they form, we are sorry to say, an important article of food in most parts of the country; but their cultivation, and the grower's dependence on them, have both been lessened by the recent failures of the crop. The practice of taking two white crops in succession has been almost wholly abandoned in the Lowlands.

Dairy husbandry is mostly pursued in the shires of Ayr and Renfrew, in the former of which Dunlop cheese is made; but it is also introduced into Wigtown and other cos. Cows of the genuine Ayrshire breed are admirable milkers, and the average quantity of butter produced by each has been estimated at upwards of 250 ba. a year. The Galloway, Fifeshire, and Highland breeds are the best for fattening, and yield, especially the first and last, excellent beef. The Galloway cattle are mostly sent up half fed, to be fattened in Norfolk and Suffolk for the London markets. Three principal breeds of sheep are reared in Scotland: the dun-faced, or Scandinavian breed, said to have been imported into Scotland from Denmark, of which a few are found in the cos. N. of the Frith of Tay; the black-faced, or heath breed, very widely dif-fused, and very hardy; and the Cheviots, the famous breed native to the Cheviot hills. The latter are found to thrive in districts that we formerly supposed to be suitable only for the black-raced breed, and have already, to a considerable extent, superseded the latter; the car-case and fleece being both much more valuable. More recently an improved cross bread, between the Cheviot ewe and the Leicester ram, has been

There is an essellant account of the Galloway dybes, with judicious remarks on their construction, in Smith's Survey of Galloway pp. 80—95.

asively and advantageously introduced in the astures of the S. cos.

mility and Value of Agricultural Produce. — These objects as to which there is but little information on bjects as to which there is but little information on it would be safe to place much reliance. In the ical tables in the General Report of Scotland (111. nd. p. 5.), the arable land is estimated at 5,043,450 sh acres: of these the portion in grass is estil at 2,489,725; leaving 2,563,726 in tillage, which is sed to be distributed as follows:—

		Acres.	1 _			Acres.
•	-	140,095	Potatoes	•		80,/100
•	•	980,193	Potatoes Turnips	-		407.125
	-	1,260,352	Flax -			16,500
. •	•	500	Gardens		_	89,000
and poss	•	118,000	Fallow -			218,060

a great extent of waste land has been brought cultivation during the last 30 years; and we are tisfied, from the greatly increased consumption of itisfied, from the greatly increased consumption of en bread in Scotland, and other circumstances, that antity of land assigned to the growth of wheat has rincreased both absolutely and relatively. In our fthe matter, the extent and distribution of the land ge may be set down as follows:—

		Acres.)		Acres.
-		850,000	Plax -		20,000
	•	450,000	Gardens		55,000
	- 1	300,000	Fallow		100,000
ad peas		50,000			
, -		900,000	T	otel	8,405,000
-	•	450,000	1 -		-,100,000
		450,000	ł		

ming this distribution to be nearly correct, the y and value of the crops may be estimated as

xps.	Acres.	Pro- duce per Acre-	Total Produce after de- ducting 1-7th for Seed.	Price per Quar- ter.	Total Value.		
nd pens	\$60,000 450,010 1,300,000 50,000	5 8	Quarters. 1,050,000 1,542,857 5,571,429 128,572	25 90	2,362,500 0 1,926,571 5 5,571,429 0 192,858 0		
	900,000 450,000 460,000 90,000 85,000	} 71.	::	· · ·	7,700,000 0 160,000 0 525,000 0		
<u></u> -	3,305,000	· ·	8,292,858		18,440,358 5		

ig the extent of pasture land and wood land in i. exclusive of heaths, wastes, &c., at 2,500,000 and estimating its produce to be worth, at an ,3t per acre, its total value will be 7,500,000, but as to be added the value of about 13,000,000 acres tain pastures, heaths, and waste land, which has timated, apparently with great moderation, at 500,000t. Hence the total value of the land pro-Scotland will be—

ue of crops and gardens	:	18,440,358 7,500,000 1,500,000
Total -	_	97 440 840

ent of land in Scotland, as ascertained by the ent of land in Scotland, as ascertained by the sioners under the old property tax, amounted, in 5,278,685M. And it appears from the return pre-referred to (see art. Barrias Emrias, 1. 456,), landed rental of Scotland, instead of declining, had supposed, increased in the interval; and mounted, in 1842-48, to 5,586,598M, since which has not certainly decreased.

has not certainly decreased.

ifficult to decide upon the portion of the gross ich should be set apart as the rent of the object of uncultivated land; but there are od grounds for thinking that it does not exceed leaving nearly 5,000,000. as the nett rent of the rition, being at the rate of about 16s. 8d. per acre. rtion, being at the rate of about 16s. 8d. per acre, there are some considerable exceptions, there of the some considerable exceptions, there are some considerable exceptions, then do of England is superior to that of Scotland; insequence of the greater skill and economy of rs in the latter, and of the advantage they enjoy session of leases, and the absence of tithes and s, they are able to pay decidedly higher rents of equal fertility. The rent of corn land in varies from 7s. to 2s. an acre, and occasionally units to 5s. and 6s. The best pasture land rarely ore than 3s. per acre; and that which is of a quality may vary from 10s. to 25s.

im differs from that in the estimate, Vol. I. p. 456.: but red it is the more accurate.

Rise of Real.—Rent has increased much more rapidly in Scotland than in England. This is ascribable partly to the extremely backward state of Scotch agriculture till after the peace of Paris, in 1763, and partly to the extraordinary advance it has made since the close of its not supposed to have excessed 1,000,000. or 1,200,000. in 1770. In 1795 it is believed to have rather exceeded 2,000,0001; and since then it has nearly trebled! So rapid an increase of rent is probably unmatched in my old settled country, and indicates an astonishing degree of improvement.

Condition of Occupiers and Labourers. — We are happy also to have to state, that the wealth of the farmers, and the comfort and well-being of the agricultural labourers, have increased in quite as great a proportion as the rents of the landlords. We have already noticed the extraordinary improvement that has taken place in farm-houses and offices since the close of the American war, and especially during the present century; and the same improvement is everywhere visible in farming stock and implements; in the furniture and other accommodations of the farm-houses; and in the dress and mode of life of their occupants. We have, indeed, no hesi-tation in affirming, that no old settled country, of which we have any authentic accounts, ever made half the progress in civilisation and the accumulation of wealth, that Scotland has done since 1763, and especially since 1787.

Some very great improvements have, as already seen, been introduced into agriculture within these few years, and are now rapidly spreading over the country. The facilities afforded by steam navigation for the conveyance of fat cattle and sheep to the great markets of London and Liverpool, as well as to those of Edinburgh and Glasgow, have also been of vast importance, and have enabled the remotest districts to come into successful competition with those that are most favourably situated. In consequence, agriculture is at this moment in a rapid state of advance-And, notwithstanding the fall of prices, farms let better now (March, 1851,) than at any former period, and the fair presumption seems to be that, great as has been the improvement of agriculture during the last half century, it will be equal or greater during that on which we are now entering.

now entering.

One of the things that seems most likely to defeat this presumption, or to retard the future progress of agriculture, is the fact of the Reform Act having conferred the elective franchise on all occupiers of lands worth 50% a year and upwards. This has been in every respect a peralcious, ill-advised measure. Formerly the landlords rarely inquired as to the politics of their tenants; and provided they paid them their rents, and managed their lands according to the stipulations in their leases, they might be of any political or religious party they pleased. But now it is altogether different. The landlords, desirous, like other people, of extending their political influence, endeswour to control, or rather command, the suffrages of their tenants, and to multiply the dependent voters on their estates. In furtherance of these objects, they have not scrupted, in many instances, to resort to intimidation, and to adopt vindictive measures against such of their tenants as have voted contrary to their where. This, however, though the most prominent at the time, is but the least evil resulting from the new state of things. It has already led in many instances to a change in the mode of letting land; and there is but too much reason to fear that it may, in the end, subvert that system of giving leases for 19 or 20 years certain that has been a main cause of the astonishing improvement of agriculture. It has also occasioned, in many instances, a subdivision of farms for the mere purpose of creating voters; and there cannot, indeed, be a question ment of agriculture. It has also occasioned, in many instances, a subdivision of farms for the mere purpose of creating voters; and there cannot, indeed, be a question that, however well intended, the conferring the elective franchise on the tenants has been one of the greatest blows ever struck at their independence, and at the prosperity of agriculture. Nor is there anything in this but what might have been, and in fact was, anticipated from the outset. Tenants, as such, whether they hold farms worth 50% or 50% a year, are about the very last description of persons to whom the franchise should be

conceded. Very many of them are indebted to, and dependent, to a greater or less extent, on their landlords; and the few who are independent are so because they have accumulated property, and would, in consequence, have been entitled to the franchise, had it been conferred, as it should have been, on those only who possessed a certain amount of realised property. If that be, as it unquestionably is, the best system of voting that brings the greatest number of independent electors to the poll, and keeps back the greatest number of those that are dependent, the giving the franchise to the tenants and occupiers of land must be about the very worst system, for they are, of all classes, that which is most dependent, and most at the mercy of other.

cependent, the giving the iranchise to the tenants and occupiers of land must be about the very worst system, for they are, of all classes, that which is most dependent, and most at the mercy of others.

The condition of the agricultural labourer has, also, as already stated, been vastly improved. With the exception of those districts in the Highlands and Isles, luckily few in number, into which improvements have not yet made their way, the cottages of the peasantry have been mostly rebuilt during the last half century; and though still, in most instances, without the rustic beauty and nestness that so frequently distinguish English cottages, they are far from uncomfortable. In most parts of the country such of the farm-labourers as are married, and have families, receive the greater part of their wages in specific quantities of farm produce, which do not vary with the variations of price; so that, if they be not so well off as the manufacturing work-people, when trade is brisk and prices low, neither are they exposed to suffer like the others, when there is little demand for labour, and prices are high: on the whole, they may, speaking generally, be said to be in decidedly comfortable circumstances. The unmarried servants frequently live in the farm-house. They are aimost all excellent ploughmen; all of them are able to read and write; and their sons not unfrequently emerge from obscurity, and attain to distinction.*

Manufactures. — For a lengthened period after the union with England, Scotland made little or no progress in manufactures; and it was not till after the peace of Paris, in 1763, that the public enterprise began to be turned into this great channel, and that a rapid extension took place of most sorts of industry. A considerable depression ensued towards the close, and after the termination of the American war. But it was not of any very lengthened duration; and the foundations of the cotton trade having been laid about this period, manufactures have continued, from 1787 down to the present time, progressively to gain ground in Scotland, and have been prosecuted with equal skill, industry, and success.

Account of the Numbers of Cotton, Woollen, Worsted, Flax, and Silk Factories in Scotland in 1850; specifying the Numbers of Spindles, Power-Looms, and Hands in each Business. (Parl. Paper, No. 745. sess. 1850.)

			No. of Pactories.	No. of Spindles.	No. of Power Looms.	No. of Hands.
Cotton Wootlen Worsted Flax Silk	:	:	168 182 6 189 5	1,685,095 224,129 9,404 803,125 36,652	23,564 247 2,529	36,325 9,464 746 28,312 841
To	tal	-	550	2,256,405	96,340	75,688

Of the hands employed, 22,140 were males, and 53,548 females; 1,120 children were employed under 13 years of age.

In 1850, there were in Scotland 26,340 power-looms, of which 23,564 were employed in weaving cotton fabrics. And exclusive of power-looms there were, in the S. division of Scotland, in 1838, about 51,060 hand-looms for various fabrics, employing, as was estimated, about half that number of families. The cotton manufacture, which principally centres in Lanark and Renfrew shires, is of comparatively recent introduction, the first steam-engine for a cotton factory having been constructed so late as 1792.

But the woollen manufacture has been of long standing, and was formerly much more widely diffused than at present, having been, in fact, with that of linen, a domestic manufacture, and pursued in every cottage. It was the universal practice of the peasantry, and occupiers of laot, to spin, at home, the greater part of their own wool, as a subsidiary employment, and to send the yarn to be made into coarse cloth in the nearest village.

There is still a class in Scotland called cutomer necessers, scattered over the country, but now principally confined to the Highlands, employed by private families to weave yarn into coarse fabrics for domestic use. Most part of these are also agricultural labourers, waving only in the intervals of their ordinary avocations; they earn from 1s. to 2s 6d a day, but few higher than 1s. 9d. But except these, and persons living at watering-places, and on parts of the E. coast, where they engage in fishing or boat-letting for a part of the year, the great bulk of the weavers of Scotland subsistentiely by the loom, and engage in no other pursuits. (Symons in Hand-loom Weavers' Rep., p. 5.)

At present, and for some time past, this class has been in very depressed circumstances. Oring to the facility with which the business of weaving may be learned, and the sort of independence it confers on the weaver, it has always been a favourite employment; and, consequently, except in periods of great prosperity, the wages of weavers have generally been rather low. Of late years, however, the introduction of power-looms has gone far to supersede, to a great extent, the business of the regular han-loom weaver, especially of those engaged in the manufacture of cottons; and the fair presumption seems to be, that in no very lengthened period the business of the hand-loom weavers will be all but totally annihilated. But though there can be no doubt that, in a public point of view, this change will be productive of great advantage, it imposses the second secon it involves, in the meantime, the class of handloom weavers in the greatest difficulties; and, in point of fact, much of that manufacturing distress of which we frequently hear proceeds from hand-loom weavers thrown out of employment by the competition of power-looms, or forced to labour for the merest pittance. That such persons are proper objects of public sympathy, none can doubt; and everything that is practicable should be done to facilitate their employment in other businesses, or their emigration to colonies. Till such time as this transference has been effected, there will be the same unvarying and generally unfounded tale of manufacturing distress.

It appears from the statements given in Burs' account of the cotton manufacture for 1845, that the total quantity of cotton spun in England during that year amounted to 467,039,465 lbs, and that spun in Scotland to 27,737,032 lbs. Now, taking the entire value of the manufacture at 35,000,000., and supposing it to be proportioned in both countries to the quantity of yarn spun in each, that would give about 2,000,000. for the value of the portion belonging to Scotland. We believe, however, that the quantity of yarn spun in Scotland is undersated nearly a half in this statement, and that the value of the cotton goods annually produced in Scotland my be estimated at about 5,000,000. A large proportion of the Scotch manufactured articles consist of the finer descriptions of muslins and other superior and costly fabrics, which makes their aggregate value exceed what might be inferred

² The reader who may wish to become more particularly acquainted with the extraordinary changes that have taken place in the agriculture and mode of life of the people of Scotland since 1760, would do well to commit Reservices' Rurel Recalifolius. It is at once an authentic, interesting, and instructive week.

the comparative amount of yarn produced cotland.

ompared with the woollen manufacture of land, that of Scotland is inconsiderable. inels, blankets, shawls, plaids, stockings and cing yarn, tartans, carpets, druggets, &c. are uced to a considerable extent at Galashiels, ley, Hawick, Jedburgh, and Aberdeen. e of the finer descriptions of cloth are made berdeen and in its vicinity, and some of its lien mills and factories are on a large scale. narnock is the seat of a very extensive and The powerrishing carpet manufacture. 1 having hitherto been but little adopted in woollan manufacture, the weavers employed his department get good wages, are well red and lodged, and in all respects exhibit a ked contrast with the hand-loom weavers ged in the cotton manufacture.

he linen manufacture of Scotland is of very iderable value and importance: Dundee is hief seat; and the statements previously n (see art. Dundex, Vol. I.) show that its insee since 1811 has been quite extraordinary, aburghs, sheeting, cotton bagging, sail-1, dowlas, and other coarse goods, are the les principally made in Dundee and in caldy, Arbroath, Forfar, Montrose, Aberand other seats of the manufacture in the f Scotland. The finer descriptions of linen cs, as damasks, dispers, shirting, &c., are cipally produced in Dunfermline and its ediate vicinity. Power-looms have not his been extensively employed in this depart, only 2,529 having been introduced into it 350. At present it is supposed to employ t 17,000 hand-looms in summer, and from 0 to 23,000 in winter. The linen weavers py an intermediate position between the len weavers on the one hand, and the cotton he other. The silk manufacture is of little irtance. The printing of shawls, &c., is nsively carried on at Paisley (which see, and, 55.)

i5.)

or were for a lengthened period the most extensive lingdom; but they are now far surpassed by those rtsherrie, Dundyven, Monkland, Omoa, &c., in Scotand by many in England. A good deal of Scotch ongery, comprising anchors, botts, axies, mill and e-work, &c., is exported to the colonies and foreign ries. The manufacture of machinery is an imporbranch of industry. Coach-making is carried on in le large towns, and ship-building in many of the Glass wares, chemical products, scap, candles, tarch, are among the other principal manufactured.

i. e favourite beverage of the people of Scotland has, lengthened period, been whiskey, a spirit generally led from mait or raw grain. Owing to the excess duties with which this spirit has occasionally been ed, its smuggling has sometimes been carried to a extent; but since 1826 and 1830, when the duties reduced from 5s. 10s. to 2s. 10s. and 3s. 4s. per imgallon, clandestine distillation and smuggling have comparatively rare. We subjoin an

int of the Quantities of British Spirits entered Consumption in Scotland, with the Rates of Duty the same, and the Amount of Duty in each Year a 1820. [See top of next column.]

swerce.—Having little industry, and being thinly ed. Scotland had formerly a very limited foreign The exports consisted of wool, skins, hides, and raw materials, exchanged for corn, wine, spices, &c. so late as the arm of Cromwell her mercantile marinerized only 39 vessels, of the aggregate burden of 2,734 and 18 barks. During the reign of Charles II. the of the country, sepscially that with Holland and ountries round the Baltic, began to increase. It ot, however, till after the completion of the Union, 7, when the trade to the American and W. Indian es was, for the first time, opened to the enterprise citivity of the Scotch, that the commercial energies and the part of the scotch, that the commercial energies and the part of the scotch, that the commercial energies and the second of the scotch, that the commercial energies and the second of the scotch, that the commercial energies and the second of
Years.	Rate per Gallon.	Imp. Gallons.	Nett Rev	enne.
Veen			- 4	s. d
1821	Do. do.	2,229,435	727,650	19 7
1823		9,079,556	691,136	6 6
1894	Do., ofter Oct. 20., 2a.	2,232,728	536,654	17 8
1825	Do.	4,350,301 5,981,550	520,624	18 4
1826	2s. 10d. per imp. gall.	5,988,788	682,848 363,263	11 1
1897	Do. do.	4,752,199	679 441	6 6
1828	Do. do.	5,716,180	672,441 809,359	6
1829	Do, do.	5,777,280	818,448	0 6
1830	2s. 10d., 3s., and 3s.	0.01111 march	040,110	
	4d do	6,007,631	939,258	6 1
1831	3a. 4d. do.	5,700,689	950,041	6
1859	Do.	5,407,097	901,182	16
1833	Do.	5,988,356	998,051	16 t
1834	Do.	6,045,043	1,007,507	3
1835	Do.	6,013,932	1,002,322	0.1
1836	Do.	6,620,826	1,103,471	0 1
1837	Do.	6,124,035	1,020,672	10
1635	Do.	6,259,711	1,043,285	3 4
1839	Du.	6,188,582	1,031,215	0
1540	Do, and Se, 8d.	6,180,138	1,088,049	8
1841	3s. 84.	5,989,905	1,098,149	5
1.642	Do	5,695,186	1,025,784	12
1843	3a. Bd.	5,593,798	1,025,529	12 1
1844	Do.	5,922,948	1,085,875	16 (
1845	Do.	6,441,011	1,180,852	0
1546	Do. Do.	6,975,091	1,278,766	13 1
1847	Do.	6,193,249	1,135,428	
1849	Do.	6,548,190	1,200,501	10
1850	Do.	6,935,003	1,271,417	19

the merchants of Glasgow, who first embarked in the trade to America, carried it on by means of vessels belonging to English ports; and it was not till 1718 that a ship built in Scotland (in the Clyde), the property of Scotch owners, sailed for the American colonies. (See art. Glasgow, I. 919.) The establishment and rapid extension of manufactures in Scotland, since 1763, has becessarily occasioned a corresponding increase of commerce, and the mercantile marine of Scotland is now very considerable indeed. In 1828 if comprised 3,143 sailing vessels, of the aggregate burden of 300,836 tons. Such, however, has been its increase in the interval, that on the 31st of December, 1849, it comprised 3,511 sailing vessels, of the agg. burden of 493,567 tons, and 166 steamers of the agg. burden of 493,567 tons, and 166 steamers of the agg. burden of 29,906 tons. The commerce of Scotland too is greater, in fact, than appears from the Customs returns; inasmuch as a good many articles of foreign produce imported at second hand through the English ports, and articles of native produce exported in the same way, do not appear in the list of imports and exports. At present the principal articles of export consist of cotton and linen stuffs, cotton and then yearn; wool, iron, and hardware; silk goods, coals, spirits, and beer; black cattle; herrings, saimon, and other salted and fresh fish; stationery, &c. The great articles of import consist of tea, sugar, coffee, and other colonial products; raw cotton, flax and hemp, tobacco, raw silk, wine, dye stuffs, &c. We subjoin an

Account of the Gross and Nett Amount of the Customs' Revenue of Scotland in 1849, specifying the Gross and Nett Amount collected at each Port.

	Po	ets.			Gross Amount of Customs' Duties.	Nett Amount of C. Duties, de- ducting Draw- backs, Hounties, and Repay- ments.
Leith -		1.5			545,399	544,291
Aberdeen			- 3	- 51	94,593	91,067
Ayr .	-	-		- 51	1,649	1,645
Arbroath			-	-	13,911	13,903
Allon	-	1.0		-	2,012	1,950
Banff -	-			- 1	2,648	2,648
Borrowston	ecs.				516	454
Campbello		-		-	289	259
Dumfries				-	11,742	11,742
Dundee					64,030	65,891
Glasgow		1.4			639,770	635,339
Grangemou	th				15,085	15,033
Greenock			40		371,418	370,715
Invertious					6,359	6,359
lrvine -	-	1.00			1,071	1,056
Kirkaldy:				100	8,693	8,682
Kirkwsil	-	-	. *		825	708
Lerwick				-	89	89
Montrose				-	15,747	15,707
Perth -					17,041	17,040
Port Glasgo	W				139,392	139,214
Stornowny	-				576	371
Strangaer	-				68	67
Wiek -			-		721	714
Wigtown		10.			40	40
		3	otal	-	1,955,486	1,946,014

In proof of the extraordinary progress made by Scotland, we may state that at the epoch of the union with England in 1707, the revenue amounted to only 110,694. In 1788 it had increased to 1,099,1484.; in 1813, when the X x 3

income-tax was at its height, it amounted to 4,204,0971.; and in 1839, notwithstanding the repeal of the incometax, and of a great number of other taxes, the gross revenue of Scotland amounted to 5,254,634., and the nett revenue to 4,832,4604. —a rate of increase wholly unexamplet in either of the other divisions of the United Kingdom. We subjoin an

Account of the Gross and Nett Produce of the Revenue of Scotland in 1849.

	Gross Pr	Nett Produce.				
Customs - Excise Stamps - Taxes (inc. Property Tax) Post-office	# 1,956,502 2,843,093 538,728 765,731 169,520	5 16 0	401388	1,949,030 2,629,731 515,037 751,830 168,134	1 1 19 8 15	d. 11 0 75 9
Totals -	6,273,575	8	34	6,016,754	7	91

Currency.—The currency of Scotland has, for a length-ened period, principally consisted of the notes of the different banking companies. These, for the most part,

partners, and have been managed with great akill and discretion.

Very few bankruptries have occurred among the Scotch banks; and they have, no doubt, contributed materially to forward the improvement of the country by the facilities they have afforded to industrious and deserving individuals of obtaining loans; and still more by the practice, which has long been acted upon, of taking very small sums in deposit, and allowing interest upon them at about 1 per cent. below the market rate at the time. This has brought, as it were, a number of substantial and well-organised savings' banks within reach of all classes; and by furnishing every facility for the safe and profitable custody of the smallest and largest sums, has powerfully stimulated the desire to save and amass. The deposits in the Scotch banks are supposed to mount, at this moment, to about 30 millions starting; and we believe it may be safely affirmed, that, but for the facilitate that have been afforded for the scansushion of the smaller class of sums, at least 18,000,000. The another of the start of the scansus and the sum of the smaller class of sums, at least 18,000,000. The notes of the Scotch banks in circulation amount, at an average, to about 3 millions. about 8 millions.

An Account of the Scotch Banks empowered to issue Notes, specifying the Maximum authorized Issue of each under the 8 & 9 Vict. c. 38., with other Particulars.

Names of Benks.	Head Office.	When Established.	Branches and Sub- branches.	Number of Partners.	Capital advanced.	Circulation authorised by 6 & 9 Vict. c. 3%		
Benk of Scotland Royal Bank of Scotland British Linen Company Dundee Banking Company Derdine Banking Company Commercial Hank of Scotland National Bank of Scotland National Bank of Scotland Western Bank of Scotland Central Bank of Scotland Cen	-		Edinburgh Dundee Perth Edinburgh Aberdeen Glasgow Perth Aberdeen Glasgow Dundee pverness Edinburgh Glasgow	1695 1727 1746 1763 1766 1815 1825 1825 1830 1832 1834 1838 1838 1838	31 6 44 1 3 47 40 12 31 72 5 32 11 3 80	654 950 835 61 184 590 1,412 502 761 1,207 1,606 1,599 510 920 1,589 1,150	1,00 000 1,00 000 1,0	## S03,445 153,000 483,004 33,004 33,656 374,880 197 Ont 70,133 887,123 837,928 42,933 134,319 104,002 33,434 135,634 135,634 135,634 135,634 135,634 135,634 135,634 135,634 135,634
	7	otal			389	14,250	12,107,140	2,998,742

Roads.—With the exception of the military roads, constructed in the Highlands after the suppression of the rebellion, in 1745, the roads of Scotland were, speaking generally, in the most excerable state down to the American war. But such and so great has been the improvement in the interval, that they are now quite equal to the best roads in England, and are not, indeed, surpassed by any in Europe. They are laid down on the most approved principles; and, notwishstanding the rugged nature of the country, it is but seldom that horses in a carriage may not be driven along at a smart trot. The facility with which excellent materials for their construction may almost everywhere be obtained has materially contributed to forward their formation. The roads within what is called the Highland district have been partly constructed by means of advances from government, and the public money has very rarely been so profitably expended.

Railswags.—Sociland is intersected with railways to an extent which, considering the rugged nature of the country, could hardly have been anticipated. There are no fewer than 3 lines of railway from England to Scotland; viz. the B. line, by Newcastle, Berwick, and Dunbar; the central or Caledonian line, by Carlisle, Dumfries, Sanquhar, and Kilmarnock. Edinburgh, Dundes, and Lanark; and the W. line by Carlisle, Dunder, Sanquhar, and Kilmarnock. Edinburgh, Dundes, and Aberdeen, by Ferry Port-on-Craig, and by Perth; Glasgow, Stirling, Perth, Dundee, &c.; Olasgow, Greenock, Ayr, &c. The facilities of intercourse that have thus been afforded are quite extraordinary. The Journey from Edinburgh to Glasgow, which, about a century ago, took a stage coach 35 hours to perform, is now performed in 15 or 2 hours. And the journey from Edinburgh to London, which, so late as the æra of the American war, took about a week for its completion, and which, at a much more recent period, was both tedious and fattuting, is now performed with the utmost case in 12 or 13 hours!

The difficulties that have been overcom

by the continuance of those public improvements which they have done so much to facilitate.

Consile.—Of the Scotch canala, the most important by far is that called the Great Canal, uniting the Fritise of Forth and Clyde, and, consequently, forming an easy water communication between the R. and W. coasts of the island. Including its branch to port Dundas, in the wichity of Glasgow, it is about 38 m. in length; the medium width at the surface is 55 ft., and at the bottom If ft. shove the sea; it has 39 locks. This important work was begun in 1768, but was not finally completed will 1790. It has been as profitable to the shareholders as it is advantageous to the public.

The Union Canal joins the Forth and Clyde Canal, near Falkirk, and stretches thence to Ediaburgh, being about 34 m. in length. It was completed in 1832, but has been, in all respects, a most unprofitable undertaking. Hitherto, the propristors have not received any dividend, and their prospects, we understand, are but little, if any thing, improved.

There are other canals in the vicinity of Glasgow: the Criman Canal stretches across the Mull of Cantire; and there is also a canal in Aberdeenshire. But the greatest work of this class in Scotland, or, perhaps, in the empire, is the Caledonian Canal. It structures out the criman Canal stretches across the Mull of Cantire; and there is also a canal in Aberdeenshire. But the greatest work of this class in Scotland, or, perhaps, in the empire, is the Caledonian Canal. It structures out the Criman Canal structure of the Highlands, N.E. and S.W., from the Beauly Frith on the E. coust to Loch Linnhe on the W. It is chiefly formed by the chain of lakes, including Loch Ness, Loch Oich, and Loch Lochy, which occupy the bottom of the remarkable gleu or depreasion through which it is carried. Its total length, including the lakes, is 50g m.; but the summit it is only 95g ft. above the level of the W. Ocean.

It is mostly constructed upon a very grand scale, being intended to be 30 ft. deep, 50 ft. wide at botto

sideration, and may be regarded as about the least advan-tageous public work that has been undertaken for a lengthened period. During the year 1856-37, the total revenue of the canal, arising from tomage dues and all lengthened period. During the year 1856-37, the total revenue of the canel, arising from tomage dues and all other resources, amounted to only 2,3794., while the ordinary expenditure during the same year amounted to 1,9971.; and it has increased little, if any thing, in the interim. But this is not all. Owing to a wish to lessen the expense, and to hasten the opening of the causal, parts of it were not excavated to nearly their proper depth, while others were executed in a hurried and insufficient manner. Hence the canal does not really admit vessels of above 250 or 300 tons' burden; and, but for the employment of steam tugs on the lakes, which were not heard of when the work was undertaken, reseals might have been 6 weeks in making their passage from sea to sea. And even with the assistance of tugs it is bot little resorted to. Under these circumstances, and considering the risk of its breaking through its banks and overflowing parts of the adjacent country, we need not be surprised to find that it has been gravely debated whether it would not be better entirely to fill up and abandon the canal!

The constitution of Scotland has been, from the earliest times, what is called a limited mo-narchy. Originally the parliament, or great council of the nation, consisted of the king, the barons, and the principal ecclesiastics. Burgesses, or representatives for the towns, were admitted into the Scotch parliament by Robert Bruce, in 1326; and in 1427 the lesser barons or freeholders in the different counties, were authorised to send representatives; but so little was this privilege valued, that it was hardly exercised for 160 years, or till the reign of James VI., when the freeholders were compelled to send representatives.

Scotland, however, derived little or no benefit from her parliament. The nobility, or greater barons, and clergy sat and voted in the same chamber with the representatives of the lesser barons and of the towns; so that, even if the latter had been more powerful and independent than they were, they could have made no effectual opposition to any measure patronised by the nobles and clergy. In point of fact, however, the representatives of the counties were mere nominees of the great lords; and the towns having neither wealth, population nor importance, their representatives were necessarily as impotent as themselves. The nobility and clergy

were, in truth, for a lengthened period, every-thing, and the people nothing. Even had it been, in other respects, better constituted, the institution of the Lords of the Articles would have rendered the parliament of Scotland good for nothing as a check on the sovereign. This was a committee, consisting of a few members, chosen either directly or indirectly by the crown, to which all matters to be brought before parliament had, in the first instance, to be referred; and which had power to reject such as it disapproved of, and to modify and alter the others in any way it thought proper. This committee had, therefore, a negative before desate; and the whole duty of parliament was onfined to meeting for a day or two at the end of the session, to confirm the proceedings of the ords of the Articles! With such an instrument t their command, we need not wonder at the preonderating influence possessed by the sovereigns the Scotch parliaments; and had their ability carry laws into effect been, in any respect, usal to the facility with which they could get em passed, the kings of Scotland would have en the most, instead of the less, powerful of uropean princes.

The Committee of the Lords of the Articles is suppressed at the Revolution; but owing to defects in the mode of choosing representves, the constitution of parliament was but

little improved by its suppression; and down to the passing of the Reform Act, in 1833, Scotland had the shadow merely, without the substance—the disadvantages without any of the advantages - of a representative government. Happily, however, its representative system is now placed nearly on the same footing as that of England. (For further details, see Vol. I. p. 467. and p. 777.)

According to the Articles of Union in 1707, the peerage of Scotland is represented in the House of Lords of the United Kingdom by 16 peers, chosen by the whole body of Scotch peers at the commencement of each parliament: it was then also arranged that the cos. of Scotland should be represented in the H. of C. by 30, and the bors. by 15 mems. This arrangement was continued till 1832, when the borough representation received an addition of 8 mema.

the mems. for the cos. continuing as before.

Courts of Law. — The Court of Session, which was constituted by an act of the Scottish parliament in 1537, is the highest civil court of Scotland, having jurisdiction in all civil ques-tions of whatever nature. It was intended to supply the place of the previously existing courts, and more especially of a judicial com-mittee of parliament called the "lords of session," whence the name of the court and the titles of the judges. Originally it consisted of 7 laymen and 8 churchmen, including the president. In 1640, however, an act was passed, providing for the exclusion of churchmen from the court; and, though repealed in 1661, the principle laid down in it has ever since been acted upon. Other important improvements were introduced at different periods, particularly after the Revolution, when the right of appeal from the court to parliament was, for the first time, recognised. At the Union power was given to all individuals who considered themselves aggrieved by judgments of the Court of Session to appeal to the H. of Lords; and it is a curious fact, that, at this moment, and for a lengthened period, the principal judicial business of the H. of Lords has consisted in hearing and deciding Scotch appeals. Originally, and down to 1808, the whole 15 judges sat together in one court; but in that year an act was passed di-viding the court into two chambers, the lord president presiding in the first division of 7 judges, and the lord justice-clerk in the second, of 6; the 2 remaining judges trying cases in the first instance, or, as it is technically termed, sitting as lords-ordinary. Since then the number of judges has been reduced to 13; 4 belonging to each of the divisions, and 5 acting as lords-ordi-nary, or sitting as single judges. The judges were at first chosen by the Scotch parliament; but since 1554 they have been appointed by the crown. They are indifferently styled lords of session, or senators of the College of Justice, which last or senators or the College of Justice, which have embraces the whole body of barristers (advo-cates), and attorneys or solicitors who practise before the court. They must be 25 years of age; and, by the treaty of union, no person can be named to the office unless he have served as an advocate or principal clerk of session for five years, or as a writer to the signet for ten. The salaries of the ordinary judges have been raised to 3,00% a year each; those of the lord justice-clerk, and lord president, being, respectively, 4,000% and 4,500%

At its outset the court of session was intended to serve as a standing or perpetual jury for the trial of cases; the introduction of petty juries into the trial of civil cases in Scotland being

only of very recent date, as well as of limited the determination of some fact. But in 1850 only of very feverit date, as well as of limited and the feverithment of some fact, unknown till 1815, this court was suppressed; and the court of sewhen a special or jury court was instituted, for sion now avails itself of the assistance of petty the trial of cases involving questions as to the juries in the trial of the above description of value of property, the amount of damages, or cases.

Account of the Causes brought before the Outer and Inner Divisions of the Court of Session, and of the Judgments on the same in each Year from 1834 to 1849, both inclusive.

		Outer House	•		Inner House.					
Year.	New Causes.	Decrees in Absence.	Final Judgments in litigated Causes.	Reclaiming Notes.	Incidental and Summary Applications.	Final Judg- ments.	July Comm.			
1834	1,851 1,818	499	734	366	2,106	544	#			
1835	1,770	554 546	649 710	434 456 856 827 867 267 292 420	1,645	856 839 839 297 288 298 265 347 263 218 241				
1836 1837 1838 1839 1840	1.555	561	600	836	1,734 1,435 1,194 1,158 1,071 930	239	45			
1838	1,486 1,568	502	507	327	1.194	297	37			
1839	1,558	563	699 618 639	365	1.158	288	37 43 43			
1840	1,498	545	618	867	1,071	298	6			
1841 1842	1,001	545 578 598	739	1 1978	939	266	1 2			
1845	1,013	A41	732	319	963 975	347	1 S			
1844	1.457	541 476	800 684	289	941	200 V18	 			
1 1845	1,399	445	681	289 293	967	941	40			
1846	1,498 1,661 1,613 1,613 1,457 1,457 1,399	483	615	940	967 946 976	221	31			
1847	1.400	410 557	709 618	381 367 386	976	1 267				
1848	1,665	557 586	681	207	969 1,125	241 293	i #			

The High Court of Justiciary was remodelled, and placed nearly on its present footing, in 1672. It consists of five judges of the court of session, specially commissioned by the sovereign, together with the justice-general and justice-clerk; the former, or in his absence, the latter, being president. In 1896, the office of lord justice-general was conjoined with that of lord president of the court of session. The jurisdiction of this court extends to all criminal cases, except those of high treason, which are tried by a special commission, in the English form, on the finding of a grand jury, which is not used in other cases in Scotland. The judgments of the court of justiciary are final, no appeal lying from them to the H. of Lords. Circuit or assize courts are held twice a year, by the judges of this court, in the principal towns of Scotland, two judges usually going on each circuit; and an additional circuit-court is held at Glasgow during the Christmas holidays. The circuitcourts have power to decide in appeals from inferior courts, where the subject in dispute does not exceed 25t. Cases brought before the justiciary court are tried by petty juries of 15 persons, who decide by a plurality of votes, not being compelled, as in England, to give unanimous verdicts. It is not going too far to say, that, down to a very recent period, this was, in as far as respects political cases, one of the most corrupt and worthless tribunals in Europe. Owing, as has been previously stated (see Vol. I. 469.), to the mode in which juries were selected, it was always in the power of the lord advocate, or public prosecutor, to get a jury appointed favourable to his own views; and the judges, having been appointed by the crown, and looking to it, most probably, for farther advancement for themselves or their families, were, with few exceptions, obsequious tools. Hence, in Scotland, to be prosecuted for a political offence was, for a lengthened period, nearly equivalent to being condemned. Luckily, however, this disgraceful state of things has been thoroughly reformed. Juries in Scotland are now fairly selected; the accused has the same right of peremptory challenge as in England; so that, however disposed, the judges can no longer dictate verdicts. The old court of exchequer, commission of teinds, admiralty and consistory courts, are now merged in the court of session.

The inferior courts of law are those of the boroughs, justices of the peace, and sheriffs.

Account of the Number of Persons committed for Trial, tried, &c., in Scotland during each of the 7 Years ending with 1849.

Year.	Commi Trial, or	tted for r Bassed.	Tried.	Convicted, Outlawed,	Convicted, heving boss nevricedy	
	Males.	Fem.	1	or Incase.	Convictor	
1843 1844 1845 1846 1847 1848 1849	9,737 2,617 2,515 2,901 8,590 8,490 8,228	878 968 1,022 1,168 1,316 1,419	2,937 3,023 2,973 3,409 3,831 3,975 3,543	2,695 2,749 2,710 2,952 3,669 3,689 3,280	543 969 757 969 1,044 1,043 955	

The first are called "bailie" courts, from being presided over by a bailie or alderman, with, in some cases, the assistance of a legal assessor.

Their civil jurisdiction within the borough depends on circumstances, being sometimes nearly carrival and their to their thei equivalent to that of sheriffs in cos.; but their criminal jurisdiction extends only to petty fots and common police offences. The justices of peace decide without appeal in actions where the demand does not exceed 51. besides costs. They commit criminals and hold petty sessions, at which two are a quorum, and quarter sessions; but have in no instance the power of transportation.

The sheriff courts are very important, transact most part of the county business. co. has a principal sheriff, called a sheriff-depute, from his being deputed or appointed by the crown; who, in addition to duties similar to those devolving upon the state of the control of the devolving upon English sheriffs, has a very ex-tensive civil jurisdiction. He holds office at vitam aut cutpam, his salary varying from 300. to 800% a year, according to the supposed operousness of his duties. In the coa of Edinburgh and I coach the supposed operations of the supposed operations operations of the supposed operations operations of the supposed operations and Lanark, the residence of the sheriff-depute is enforced; but in the other cos. he is rarely resident, his presence not being necessary, except on particular occasions. Sheriff-deputes are, in fact, usually practising lawyers in Edinburgh, and the ordinary business of the co, is devolved on the sheriff-substitutes. sheriff substitutes, or deputies of the principal, who are always resident. In extensive cost there are usually several sheriff-substitutes. This very useful case of useful class of judges must be chosen from sevocates, writers to the signet, solicitors of the supreme courts, or solicitors of three years standing before a sheriff court; and, though nominated by the sheriff-depute, they cannot be displaced without off-depute, they cannot be lord placed without the concurrence of the lord president and lord justice-clerk. At present their

irles, which were raised in 1840, vary from L to 550L a year, exclusive of fees. The sheriff, his substitute, holds small-debt courts for decision of questions of debt and costs to amount of 8L 6s. 8d., in which the pleadings all viva voce, the expense small, not exceed 2s. 6d. or 3s., and the judgment final. ordinary courts, however, the authority of ich extend to all personal actions without limit amount, the pleadings are mostly in writing. itil a comparatively late period the sheriff exered a criminal jurisdiction, extending in some es to capital punishment; but his powers, in s respect, are now greatly abridged. He s'ill asionally tries criminal cases with a jury, but sentence may be appealed from to the court justiciary. No sentence, except for petty ofces, involving fine, imprisonment, or, at most, nishment from the county or borough, can be mounced by any legal authority in Scotland thout a jury; nor can any person be now im-soned for any debt under 84. 6s. 8d. Retigious Establishments. — The Roman Ca-

ilic religion, and the jurisdiction of the pope, re abolished in Scotland in 1560; a consion of faith, on Calvinistic principles, drawn by the celebrated John Knox, was then also reed to, and the Protestant religion was estashed by an act of the legislature. Knox, ring studied under Calvin at Geneva, introced the Genevese or Presbyterian form of arch government; but, though organised, it I not receive the sanction of the legislature 1592. After the accession of James VI. to throne of England, he endeavoured, notthstanding the strenuous opposition of the at bulk of the nation, to re-establish episcocy; and a struggle was carried on between abettors of episcopacy and presbytery, who ernately prevailed, according as the court or pular party happened to have the accendancy, the Revolution, when presbytery was definiely established.

Some, however, of the parishes are collegiate, have two clergymen; and latterly some of the re extensive parishes have been divided, and istant, or quoad sacra ministers have been ap-inted to them. These are called quoad sacra quoad spiritualia ministers because they are t entitled to participate in the civil endowints belonging to the parish, and are wholly ported by a sum granted annually by the rereign. These quoad sacra clergymen were mitted, by an act of the General Assembly of 33, members of presbyteries, and other church arts. But this act has since been found to be egal by a judgment of the House of Lords. At present, and since the reign of Queen Anne 112), the privilege of appointing clergymen to rishes has been vested in the crown or in prie patrons, with the proviso that they must be seted from among those who have gone through course of study prescribed by the church, and en examined and licensed as preachers by a abytery. The right of patronage has long, wever, been exceedingly unpopular. Its encement, in despite of public opinion, occaned the great accession from the church in il; and latterly it has become more unpopular in ever. The General Assembly, by a measure, led the veto act, passed in 1834, gave the con-gations belonging to pars. a right to reject a sentee, if he were not acceptable to them: t (unfortunately, as we think,) it was decided it by the court of session and subsequently by : H. of Lords (3 May, 1839) that the General sembly had no power to pass the veto act, and

that all proceedings under it were null and void. This decision was not, however, submitted to by the majority of the Assembly, by whom it was regarded as a usurpation upon their rights; and no legislative measure having been proposed calculated to allay the public irritation, or to mitigate the extreme exercise of the right of patronage, the leaders of the dominant party in the Assembly determined to secode from the church. Accordingly on the first day (18 May) of the meeting of the General Assembly of 1843, the ministers and elders, members of that body, opposed to the right of patronage and in favour of the veto, gave in a Protest, stating, among other things, that "The courts of the church as now established, and members thereof, are liable to be coerced by the civil courts in the exercise of their spiritual functions; and in particular in their admission to the office of the holy ministry, and the constitution of the pastoral relation, and that they are subject to be compelled to intrude ministers on reclaiming congregations in opposition to the fundamental principles of the church and their views of the Word of God, and to the liberties of Christ's people: " And this protest having been read, the protesters withdrew to a separate place of meeting, and constituted themselves, and such as might afterwards adhere to them, into a body to be denominated the Farr Church of Scotland. The Protest was signed by 125 ministers and 77 elders. within a few weeks, no fewer than 470 clergymen seceded from the establishment, and joined the Free Church. Of these, 273 were parish clergymen, being nearly a third part of the total number of those belonging to the establishment. The rest were quoad sacra ministers. And whatever may be thought of its wisdom, this proceeding sets in a striking light the sincerity and zeal by which the seceders were animated. The voluntary abandonment by so many individuals of their homes and incomes, rather than hold them by compromising what they believed to be a fundamental principle, reflects the highest credit on the Scottish church and character.

As might be expected, the Free Church embraces a large body of lay adherents. In May, 1845, no fewer than 570 churches had been built for the accommodation of its members; 70 more were, at the same time, in the course of being built; and others were projected. It had then, also, 613 ordained clergymen, and 197 congregations without ministers. Very conflicting estimates have been formed of the total numbers of those within the pale of the Free Church; these being exaggerated by its friends, and underrated by its opponents. On the whole, however, they may perhaps be safely estimated at about 600,000.

Nothing, perhaps, has been so extraordinary, in connexion with the history of this secession, as the zeal and liberality displayed by the public in subscribing funds for the building of churches and the support of the clergy. These amounted, in May, 1845, to no less than 776,453/., of which not 10 per cent. was unpaid. Large additional subscriptions have since been received. During the year ended 30th March, 1850, the sum of 306,6224. 0s. 13d. was received by the Free Church for its various objects. A handsome college in connexion with the Free Church has been opened in Edinburgh; and houses (manses) for the accommodation of the clergymen have

been built in most parts of the country.

But while there is much to applaud in this display of real and liberality, we cannot help regarding the late secession as fraught with many inconveniences, and regret that measures were not taken to prevent its occurrence. We said in the former edition of this work, "It were much to be wished that this question were estisfactorily disposed of. No doubt there are numerous difficulties in the way, but they are far from being insuperable; and we are clear that either the privilege of selecting their clergymen should be given to parishes, or that they should be authorised peremptorily to reject any presentee not acceptable to them. The latter, perhaps, would be the lesst exceptionable mode of disposing of the question; and it might at once be effected by giving the veto act of the General Assembly the force of law. This privilege is, in fact, of the very essence of presbytery. It is entirely a popular institution; and it is idle to suppose that those who are conscientiously attached to it should ever approve a system of absolute patronage. That control over the election of clergymen, for which the majority of the clergy and people of Scotland are now contending, is not only right and proper in itself, but is in keeping with the other institutions of the country. All magistrates of boroughs, members of parliament, and other functionaries, are now chosen by popular election; and we have yet to learn why a different practice should be followed in the case of clergymen; and that they, whether acceptable or not, should be thrust upon the public. Such a system is sure, in the end, to destroy itself. To keep it up can serve no purpose, unless it be to lessen the utility of the church, to occasion agitation, and to add to the number of dissenters.

What has since occurred has fully demonstrated the truth of these statements. Had the seto act been passed into a law, the disruption of the church would not have occurred; and we believe we may, also, safely affirm that the veto would not have been exercised in one case out of twenty. Patrons would have seen the wisdom of deferring (as many of them do at present) to the wishes of congregations, and the veto would rarely have been heard of. Now, however, the established church is no longer the church of a decided majority of the people; and has ceased to enjoy much of the respect and influence that formerly belonged to it. Religious animosities and fanaticism have also been widely diffused; so that, on the whole, there is good cause to regret the not giving a legal effect to the seto act of the General Assembly.

A preabytery consists of the clergymen of an iddefinite number of contiguous parishes, and of an elder from each kirk session. It has cognisance of all ecclesiastical matters within its limits, examines, licencer, or rejects preachers or caudidates for the ministry, reviews the decisions of kirk sessions, &c. Originally presbyteries met every week, but now, in general, only once a month. Appeal may be made from their decisions to the synods.

A synod consists of the clergymen of an indefinite number of contiguous presbyteries, with an elder from each of the different kirk sessions. This court, which usually meets twice a year, reviews the decisions of presbyteries; but its own decisions may be reviewed by the General Assembly, the highest ecclesiastical authority in the kingdom. We subjoin

A Statement, exhibiting an Account of the Number of Synods, Presbyteries, Parishes, and Clergymen, belonging to the Church of Scotland.

[See top of next column.]

The Scotch church is a perfect democracy, all the members being equal, none of them having

Bymods.	Presby- teries.	Par-	Cleagy.
Synod of Lothian and Tweedale Meree and Tweedale Duntries Clalloway Glasgow and Ayre Arthe Arthe Angus and Stirling Pic Angus and Mestra Aberdeen Moray Ross Catthness and Sutherland Glassig Orbrey Shetland	 7653865468733558	190 65 56 57 155 55 89 67 67 84 106 57 28 41	125 55 57 57 57 57 57 57 57 57 57 57 57 57
Total number - 16 Synode	 80	1,00\$	1,000

any power or pre-eminence of any kind over another. There is in each parish a parochial tribunal, called a kirk session, consisting of the minister, who is always resident, and of a greater or smaller number of individuals, of whom, however, there must always be two selected as elders. The principal duty of the latter is to superintend the affairs of the poor, and to assist in visiting the sick. The session interferee is certain cases of scandal, calls parties before it, and inflicts ecclesiastical penalties. But parties who consider themselves aggrieved may appeal from the decisions of the kirk session to the presbytery in which it is situated, the next highest tribunal in the church.

The General Assembly, which consists partly of clerical and partly of lay members, chosen by the different parishes, boroughs, and universities, comprises 386 mems., as follows:—

Eighty Presbyteries send, ministers	•	215
City of Edinburgh, elders	:	걱
Sixty-five other royal burghs University of Edinburgh	-	65
University of Glangow, University of St. Andrew's, Marischal College, Aberdeen, King's College, Aberdeen,	•	5
Churches in India, a minister and an elder	•	2
Total number of members		366

The General Assembly meets annually in May, and sits for 10 days; but it has power to appoint a commission, with powers equal to its own, to take up and consider any matters it may have left undecided. The Assembly is bonoured during its sittings with the presence of a nobleman, the representative of the sovereign, with the title of Lord High Commissioner. He is merely, however, a state appendage, and cannot interfere in any way with its proceedings. All matters brought before the Assembly are decided, after debate, by a vote. Party sometimes runs as high in the Assembly as in the H. of C.; and the discussions are frequently as acrimonious and as eloquent.

The stipends of the Scotch clergy are principally derived from the wreck of the tithes and other property that belonged to the Rom. Cath. church, which was principally seized upon at the Reformation by the nobility and gentry. The court of session, as commissioners of teinds (tithes), have power from time to time to augment, as they may think fit, the livings of such clergymen as may not be already in the receipt of the whole disposable tithes of their respective parishes. But in many parishes the tithes have been wholly taken up or exhausted; and in 1813 an act was passed to raise, at the public expense, the incomes of such clergymen as had less than 1501. a year, exclusive of glebes and houses, to that sum. At this moment (1850) the average income of the clergy of the Church of Scotland, exclusive of the ministers of quoad sacra parishes, amounts to about 2002. a year, over and above

the adherents of the Free Kirk, consist principally of the members of the United Presbyterian Synod, the Reformed Presbyterian Church, and the Congregationalista. The first great secession took place in 1741, in consequence, as already stated, of the enforcement of the law of patronage. There are some other bodies of dissenters; and of late years, owing to the influx of Irish into the western coa., the Roman Catholics have received a great accession of numbers. The doctrines of the Church of England have also become fashionable among a good many of the higher classes. On the whole, however, the number of dissenters has been very greatly exaggerated; and at this moment (1850) we do not suppose that, altogether, they exceed 700,000, or, at the outside, 750,000.

or, at the outside, 750,000.

Public Instruction.— An endowed school has been for a lengthened period cetablished in every parish in Scotland. The landlords are bound to build the school-house, and a house for the residence of the master, and to pay him a salary, which, at present, varies from 36.1 its. 94. to 34.4 et al. The power of nounleating and appointing schoolmasters is vested in the landlords and minister of the parish. It is usually expected that a Scotch parochial teacher, besides being of unexceptionable character, should be able to instruct his pupils in the reading of English, the arts of writing and arithmetic, and the more useful branches of practical matchenatics, and be possessed of such classical sitainments as qualify him for teaching Latin and the rudiments of Greek.

Ezclusive of the statutory allowance, schoolmasters

Exclusive of the statutory allows Exclusive of the statutory allowance, schoolmasters receive fees from their pupils, according to a scale regulated by the landlords and clergymen. They are in general very moderate, varying, for the different branches of education, from 1s. 6d. to 7s. 6d., and, in a few instances, 10s. a quarter. An efficient system of education has, in consequence, been brought within the reach of all classes, and has been productive of the greatest advantages.

all classes, and has been productive of the greatest advantages.

In the largest country parishes there are often subsidiary shoods, established by the landfords, the masters of which are allowed a portion of the statutory salary; and in all the more considerable towns by far the greater proportion of the children are educated at non-parochial schools. Speaking generally, classical instruction is not carried to the same extent, in any of the Societh schools, that it is carried in Eton, Harrew, and the higher class of English schools; but, on the whole, they furnish an extremely good and useful education.

Several returns have been published of the number and description of the various Scotch schools, and of the number of young persons of both sexes by whom they

and description of the various Scotch schools, and of the number of young persons of both sexes by whom they are attended. But these returns are all very incomplete, and are, in fact, little better than worthless. At an average, we believe, it may be estimated that from an eighth to a tenth part of the inhab. of Scotland are at schools or academies of one description or another.

The higher branches of education are taught in the universities of Edinburgh, Glasgow, Aberdeen, and St. Andrew's (which see). Each of these universities has faculties of literature, philosophy, law, and medicine. A rehigious test may be required from the professors, but not from the students; the latter do not live in college halls, as in the English universities, and are not subject to any college jurisdiction when beyond the walls of the university.

Edinburgh University was long celebrated as a me-

walts of the university.

Edinburgh University was long celebrated as a medical school, and still, indeed, preserves some coasiderable portion of its ancient celebrity. Probably, on the whole, the instruction afforded by the Scotch universities, though in many respects defective, is as good as can reasonably be expected, so long as the vicious practice is followed of allowing the professors to judge of the qualifications of candidates for degrees and literary homours; that is, of the merits of their own pupuls, and, by consequence, of the solidity and efficiency of their own plan of instruction. The Scotch universities labour under great disadvantage, from the want of a superannustion fund. The professors, having no resource on which to fail back in the event of their cells in the literature of their chairs, as a means of subsistence, long after they have been disabled, by sickness and otherwise, frem a proper discharge of their duties.

It an agreeme and literatures. It has long been

Language and Literature. - It has long been

their glebes and houses, the average value of a prevalent opinion that the English and Scotch which may be estimated at about 35% a year.

The dissenters from the church, exclusive of from the same common source; and there are languages are merely different dialects derived from the same common source; and there are very good grounds for thinking that this opinion is correct. There is, however, no reason for concluding, as some have done, that the Scotch is merely a corrupt dialect of the English. It is quite as ancient as the latter; and both, in fact, are dialects derived from the same original tongue. The Gothic occupants of the lower parts of England and Scotland did not all come from the same parts of the Continent, so that there would most probably be at the epoch of their immigration considerable differences in their dialects: and while these, on the one hand, would be diminished by their intercourse with each other in their new settlements, they would, on the other hand, be, in some instances, likely to be increased by their intercourse with the Celts and ancient inhabitants of the country, and with new comers; till, at last, they would be moulded into new dialects of the same common language. One of the most ancient existing specimens of the Scotch language is a poem on the death of Alexander III. iu 1288, written soon after the event. Barbour, a contemporary of Chaucer, is also a distinguished writer; and the language was farther improved and perfected by James I., Dunbar, and Douglas, bishop of Dunkeld, trans-later of Virgil, &c. But since the union of the crowns, and especially since the union of the kingdoms in 1707, the Scotch has been gradually giving way to the English, and it is now used only by the vulgar and illiterate. The poems of Burns, and some of Scott's novels, have tended, in no ordinary degree, to perpetuate and popularise the Scotch language; but notwithstanding their powerful influence, the fair presumption seems to be, that, at no very remote period, it will wholly cease to be a spoken language. fact, it may be said to be almost extinct already; for, though most persons use Scotch words in their ordinary conversation, there are now very few, indeed, if any, even among the lowest classes, who speak Scotch without a large intermixture of English.

The Erse or Gaelic, the language generally spoken by the lower classes in the Highlands, is, no doubt, the language of the ancient occu-pants of the country. It differs but little from the Irish; so little, that after a short intercourse, persons speaking Irish and those speaking Erse have no difficulty in understanding each other. But it is a curious fact that the Irish and Erse are wholly unintelligible to the Welsh. The Manks, or native language of the Isle of Man, is a dialect of the Erse or Irish.

It would be useless in a work of this kind to enter upon any statements with respect to the literature of Scotland. It is sufficient to say that there are but few departments in which it cannot boast of writers of the highest excellence. Speaking generally, its literature, as contrasted with that of England, may, perhaps, be said to be less learned, less practical, and less playful; and to be more metaphysical, scholastic, and sustained. It would not, perhaps, be very difficult to specify the causes which have occasioned this difference in the literature of the two divisions of the island; but, owing to the more intimate connexion that now subsists between the people of both, it is probable that it will gradually become less perceptible.

Down to a comparatively recent period the Scotch newspaper press was alike inefficient and degraded. This was not a consequence of any indifference on the part of the public to news-

the corrupt state of the court of justiciary. Full scope was given to the panegyrists of the govern-ment of the day, how worthless soever it might be; but any one who happened to question its merits, or who ventured to espouse or recommend any doctrine or theory not approved by the lord advocate for the time being, was, in truth, at the mercy of the latter, and might be banished almost at pleasure. The serviny of the judges, and the facility of packing juries, afforded the agents of government a ready means of crushing any obnoxious writer; and, in fact, it may be said that Scotland had no newspaper press, or none worthy of the name, till after the close of last war. During the year ending the 5th January, 1850, 87 newspapers were published in Scotland, to which 6,381,341 stamps were is-sued at 1d., and 902,200 at 1d. These papers paid, during the same year, 18,426L 1s. 6d. duty on advertisements.

The establishment of the Edinburgh Review, in 1802, is an important epoch, not only in Scotch, but in European literature: it effected a total

but in European interactive: it elected a total and most advantageous change in the previous style of criticism and periodical writing.

The Provision for the Poor that has long existed in Scotland originated, like that of England, in attempts to repress mendicity. The acts of the Scottish parliament in reference to this subject bear, in many respects, a close si-milarity to the English acts, and are partly, indeed, copied from the latter. They differ, however, from the English laws in this important respect, that they make provision only for the maimed and impotent poor, and not for those who are able-bodied; and it is now generally laid down by the best authorities that the latter have no title to claim relief as matter of right.
The administration of the poor laws in Scotland
has, slao, differed extremely from their administration in England; and to this, more than to any difference in the laws themselves, the wide discrepancy that now exists between the provision for the poor in the two countries is mainly to be ascribed. In Scotland the administration of the poor's funds has been usually vested in the kirk sessions; but, at the same time, any landlord might call the session of any parish in which he had property to account for their administration of these funds, and might attend and vote at their meetings in reference to such matters. No iustice of the peace, sheriff, or other inferior judge has been permitted to interfere with the proceedings of the kirk sessions and landlords in their conduct of the affairs of the poor; and as the members of the session consist, for the most part, at least in country parishes, either of landlords or farmers, holding under leases of considerable length, they have always been anxious to keep the charge for the poor within the narrowest

So economically, indeed, were the poor's funds administered, and so anxious were the administrators to allow none but really necessitous persons to participate in them, and to keep the allowances as low as possible, that assessments for the support of the poor were not introduced, until within these few years, into more than about a third part of the parishes of Scotland, the poor being supported in the others by collections made at church doors, and other voluntary contributions. "The Scotch," to use the words of a Report by the General Assembly in 1820, "have uniformly proceeded on the principle, that every individual is bound to provide for himself by his own labour, 10 long as he is

paper discussions, but was wholly ascribable to shile to do so; and that his parish is only to make up that portion of the necessaries of life which he cannot earn or obtain by other lawful means. Even in cases of extreme poverty, the relations and neighbours of the paupers have a pride in providing for their necessities either in whole or in part. This circumstance will account for the small number of paupers in some very populous parishes; and serves at the same time to explain a fact which is obvious in so many returns in the country districts, that the sums given to paupers appear to be so disproportioned to what their real necessities require. A small sum given to aid their other resources affords them the relief which is necessary; and it would be both against the true interests and the moral habits of the people were a more ample provision made for them by their parishes.'

But an opinion had been gaining ground for some considerable time, that economy had been carried to an excess, and that the really necessitous poor were not adequately provided for; and there can be no doubt that this opinion was perfectly well founded. The statements in Dr. Alison's valuable publications, and those published in the articles EDINBURGH and GLASGOW, in the former edition of this work, exhibited a state of things that called loudly for alteration and amendment. Economy is not the only thing to be attended to in the administration of the affairs of the poor. No doubt it is a most important consideration; but the claims of humanity are not to be trampled under foot for its sake, as

was certainly the case in many parts of Scotland.
In compliance with the public feeling on the subject, government appointed, in 1843, a commission to inquire into the state of the poor in Scotland, and into the administration of the laws for their relief; and the report of the commissioners, though in some respects defective, fully showed the extreme inadequacy of the provision made for the relief of the poor, and the necessity of its augmentation. A bill, founded in part on the recommendations of the commissioners, was forthwith introduced into parliament, and passed into a law, the 8 & 9 Vict. c. 83. This act efinto a law, the 8 & 9 Vict. c. 83. This act effected some very important changes. It established a board in Edinburgh for the supervision of the affairs of the poor. This board is authorised to inquire into the condition and management of the poor in all boroughs and parishes, and to order returns, &c. from them. But though it may make suggestions, it has no power to order th functionaries to whom the care of the poor is committed to vary their mode of management. The act continues the old method of conducting parochial affairs by means of the kirk session in all those parishes in which the sums required for the relief of the poor are raised by voluntary contribution. But it entrusts the management of all matters connected with the poor, in parishes into which assessments have been introduced, to parochial boards elected by the land-lords and other people of property. It, also, orders an inspector, or inspectors of the poor, to be appointed for each parish or combination of parishes, &c. The law as to able-bodied parties in want was not interfered with by the act. They may be relieved (in fact they must be relieved); but they are not entitled to relief as matter of right.

There can be no doubt that, on the whole, the peration of this law has been beneficial. The operation of this law has been beneficial. increasing amount of the assessment has been appealed to in proof of the contrary allegation. But it proves nothing of the sort. Economy was formerly carried to a vicious excess; and he destitute poor were exposed to sufferings of immigrants from Ireland, the claimants for isgraceful to a civilised country. This state relief from the poor's funds have been greatly increased, and the country is thus really taxed to ence the unfounded complaints made against he law. Owing, also, to the continued influx ever been visited.

teceipt of Money for, and Expenditure of the same upon, the Poor of Scotland in 1849, distinguishing the different Counties.

	Counties.				Ameter	nce o		Total of Assessments, Voluntary Contribu- tions, &c.			Total Amount expended.		
A berdeen	•	•	•		36,156	14	<u>4</u> .	34,198	îò	4	59,310	4	4
ATROLL .	•	-	-	- 1	11,738	11	1	14,362	. 6	.18	14,570	4	54
lyr -	•	•	•	- 1	16,130 N.673		18	30,708	11	10	28,318	19	10
lerwick	•	-	•	٠,۱	9,589	11	i.	9,483	12	#	9,371	12	112
inte -	•	•	-	- 1	1,913	16		2,337	14	?*	9,462	15	10_
aithness	-	•	•	- 1	5,117	4	9	6,156			2,132	18	0
lackmanosa	-	-	:	- 1	3,129	13	7	7,332	16	114	6,171	.7	44
Pumberton	-	-	•	: [7,944	12	7.	5,598	17	104	3,172	14	7.
Pumfries	Ξ	•	•	: 1	14.782	17	겼	15,485	13	181	7-471	17	11
dinburgh	_	:	-	: 1	71,976	**	84 54 11	77,015	13	- PE	15,831	.4	- 4.
lgin of Moray	-		:	- : 1	7,441	11	iè.	7.199	4	7 1	67,195	19	.94
in a manage		-	•	: 1	23,445	•	ž*	27,670	13	6	7,080	18 17	11
orfar •	-	:	•	- 11	2N,188	18	104	33,154	iš	2 1			34
addington	-			: 1	9,638		.00	10,347	.8	- i	33,367	6	- 4
DVSTRess	Ξ.			- 1	13,460	13	101	14.431	ä	2	13.198	14	1
Concarding	_			- 1	5,068		iŏ	7.101	õ	3° 1	6,453	.5	8
Cinross .	-			- : 1	923	16	.04	1.150	15	44	1,027	13	181
Cirkcudbright			- :	: 1	8,783	·ă.	10	11,452		- 3°	11,010	13	100
anark - "	-		_	- 1	115,196	15	74	119,799	3	ŏ	107,076	iő	າຄື
inlithgow	-	:		- 1	5.482	ii	10°	6,541	14	ايقا	6,155	'n	**
aira -	Ξ	-	-	- 1	1,313	17	. 44	1,380	iš	컮	1,392	15	11
rkney and Sheds	- he	-	-	- 1			~				1.0	13	**
Orkney		_	-	!	257	10	0	1.950	18	101	1,234	15	22
Shetland	-	-	-	- 1	399	19	ĭø	1,250	-5	- A	1,502	ű	- 2
rebles .	•	-	-	- 1	1.858	îž	1	2,363	ıš	77 3	1,150	18	**
erth .				: 1	17.262	74	il	26,195	iŏ	is l	24,276	*3	å
lenfrew -				: 1	86,512	i	•	39,372	-8	اية	30,387	ŝ	ï
loss and Cromart	.	-	•	- :	14,410	16		14,738	š	64	13,756	- 1	å
ozburzh	٠.			-	12.A37	ž	ol .	12,746	š	8	12.347	š	ä
elkirk -					1.725	õ	كة	1,770	16	21	1.669	ĭ	3838
tirling -	-			1	13.311	- 4	-33	15,023	Ř	#	13,500	ıí	- 7
utherland		-	-	- 1	8,644	Ť	7	3,753	16	16°	8,934	iö	7
Vigton -	-	•	•	1	10,242	5	એ	10,725	16	ï	10,276	ìŏ	91
		Potal	_	_ 1	518,512	12	41	583,590	5	42	584,353	7	34

res and workhouse buildings of all kinds, making To this sum there must be added 47,1991. 17s. Od., expended on general sanitary measus a total expenditure of 581,5531. 4s. 34d.

Classification of the Poor of Scotland in 1849, distinguishing the different Counties.

	Counties				Population.	Poor on the Roll, or Registered.	Casual Poor.	Insane or Fatuous Paupers	Orphens or descried Children.
A berdeen		•	-		192,595	6,663	1,057	249	456
Argyle -	•	•		•	96,824	3,532	716	138	146
Ayr •	-	•		-	164,477	4,506	5,987	143	547
Banff -	•	•	•	•	48,463	1,852	270	85	46
Berwick -	•	-		•	34,345	1,306	524	80	80 19 31
Bute .	•	•	•	•	15,740	488	46	16	1 19
Caithness		•	•	•	37,410	1,761	741	63 17	3.5
lackmannan	•	•	•	•	20,041	642	279	17	51
Dumberton	•	•	•		46,005	1,132	668	40	168
Pumfries	•	•	•		78,855	2,470	1,221	100	l 168
Edinbarah	•	•	•		225,276	11,496	3,185	429	1,459
lgin or Moray	•	•		- 1	35,879	1,495	204	52	57
We .	•	•			139,729	4,169	3,165	169	394
orfur -	•		•		170,395	4,792	1,785	235	348
laddington		-			35,835	1,528	678	89	102
DVETDAM	•	-		- 1	98,417	5,845	573	109	142
Kincurdine	_	_	-		33,550	1,222	225		57
Cimross .	-	_			7,834	145	112	50	l ĭi
Cirkendbright				- 1	41,119	1,707	1.913	65	118
Anark .	-	_		1	497,738	24,373	18,301	65 406	1,868
inlithgow	Ι.		-	- 1	27,466	906	848	34	57
Vairo -	-	-	-	- :	7,186	301	21	ĭš	l 📆
rkney and Shatle	<u></u>	-	•	- 1	43.000	-004	4.6		'
Orkney		_	_		30,507	780	91	44	15
Shetland	-	-	•	- : 1	30,558	773	282	18	-6
Poobles -	•	•	•		10,558	303	107	ž	29
erth -	•	•	-	• 1	137,854	8,906	1 500	227	252
Renfrew -	•	•	•	- 1	154,160	5,015	1,520 4,684	189	611
Loss and Cromert	_ •	•	•	٠,۱	79,941	8,756	406	93	85
toxburgh	, •	•	•	- 1	46,271	1,791	1,272	74	📅
leikirk	•	•	•	•	7,415	211	727	74 14	líś
tirling -	•	•	•	- 1	80,535	1.940	1,080	ii ii	1 455
curung	•	•	•	•	23,715	1,940	105	47	200
utherland	•	•	-	•		1,039 1,790	700	65	180
Vigton -	•	•	•	•	39,195	1,790	700		190
	Tota	d		- 1	2,620,184	101,454	83,070	8,421	7,969

Historical Sketch. - The early history of Scot- other lands in England, the kings of Scotland ne kingdom, it is abundantly certain that values of the provinces held by them in that kingdom. (Stuart's Public Law of Scotland, note viii.) On the extinction of the direct line of the Scottish fier this period. In consequence of their early holding Northumberland, Cumberland, and way, John Baliol and Robert Bruce, descend-

and is at once obscure and uninteresting. The were accustomed to appear in the English court ountry was long one of the most barbarous in Europe; and though Kenneth II. (anno 838) said to have united the extensive territories rom the Tyne N. to the Pentland Frith into both were supported by powerful parties; and, to avoid a civil war it was agreed to refer the matter to the amicable decision of Edward I., king of England. This able and politic prince availed himself of the opportunity to advance the principle, for which the homage that had been performed by the Scotch princes for their En-glish possessions afforded a colourable pretext, that the kings of England were the paramount sovereigns or liege lords of Scotland, and that the competitors for the crown should do homage to him as such. This was consented to; and Edward, finding Baliol most suitable to his views, decided in his favour. The latter, however, being less subservient than was expected, was speedily set aside by Edward, who attempted to seize the kingdom on pretence of its having escheated to him through the rebel-lion of his vassal.

however, was not to be so trans-The nation, ferred. Sir William Wallace raised the standard of independence; and in the sequel, the famous Robert Bruce, grandson of the competitor of Baliol, appeared in the field; and after unpa-ralleled exertions, continued through a series of years, the great victory of Bannockburn (1314) secured the independence of Scotland, and established the conqueror and his family on

the throne.

The only daughter of Robert Bruce having married the lord high steward, Robert, the issue of that marriage, and the first of the family of Stuart who arrived at the royal dignity, succeeded to the crown on the death of David II., in 1371. From this period, the history of Scotland is com-paratively well known; and the continued and extraordinary ill-fortune that attended the lengthened series of princes of the House of Stuart has vested it with more than ordinary interest.

The principles of the reformers were early introduced into Scotland, and were eagerly adopted by the great bulk of the nobility and people. The Protestant religion obtained the scendancy in 1560, shortly before the return of the beautiful, but ill-fated Queen Mary from France, where she had been sent to be educated. At this period the royal authority was at a very low obb; the most violent contentions prevailed amongst the nobility; and it would have required a sovereign of no ordinary ability and energy of character to conduct the government under We need not, such difficult circumstances. therefore, be surprised at the failure of Mary, who, though not without good talents, was wholly inexperienced, at the same time that she had the misfortune to have been strongly imbued with anti-Protestant prejudices, and that the violence of her passions made her sacrifice her own reputation and innocence, and the wellbeing of the kingdom, to their gratification.

Having been deposed in 1567, Mary was succeeded by her son, James VI., then a minor. The latter succeeded, on the demise of Queen Elizabeth, in 1603, to the crown of England, when the two British kingdoms were happily united under one sovereign. (See Vol. I. 790., &c.)

From the accession of the House of Stuart 230 years, Scotland, speaking generally, was in a most unsettled, turbulent state. The feudal system had been early introduced into the country; and the great estates and influ-ence enjoyed by several of the nobles enabled them to rival the sovereign in power and importance, and sometimes to despise his orders,

ants of the Scottish king David I., appeared as and insult his person. In France, England, competitors for the crown. The pretensions of and other countries, the sovereigns, by enand other countries, the sovereigns, by en-franchising the inhabitants of the great towns, and attaching them to their interests, succeeded, through their assistance, after a lengthened struggle, in abating the pride and independence of the barons, and reducing them to obedience. But the kings of Scotland had no such support on which to fall back: there was not, in fact, a single great town in the kingdom; and they had nothing to trust to but the supplies of men and money they could draw from the crown estates, and from the contributions of such of their vac sals as happened to be at the time in their interest, or whom they could coerce. In consequence of these, and other concurring causes, the power of the Scottish kings was circumscribed within the narrowest limits; the civil broils in which they were almost always engaged were, in most instances, fomented and abetted by the govern-ment of England; and, a few short intervals excepted, the country was involved in continuous anarchy and confusion.

The union of the crowns in 1603 introduced a great change for the better into the state of domestic affairs in Scotland. The barons could The barons could no longer look to England for open or underhand support in their contests with their sovereigns; while, at the same time, the power of the latter was vastly increased by their being able to employ the resources of a much more civilised, populous, and powerful monarchy in their disputes with their ancient subjects. Hence, disputes with their ancient subjects. Hence, though Scotland laboured under numerous grievances, resulting principally from the unreasonable hostility of the sovereigns to the Presbyterian form of church government, to which the people were enthusiastically attached, she gained prodigiously in tranquility and good order subequently to 1608.

The union of the kingdoms in 1707 was, as it were, the necessary result and completion of the union of the crowns. Though excessively unspepular at the time, and opposed by many of the best Scotch patriots, it has been of vast advantage to Scotland, as well as to the empire generally.

empire generally.

and opposed by many of the best Scotch patriots, it has been of vast advantage to Scotland, as well as to the empire generally.

The consequences of the rebellion of 1745 were also advantageous, notwithstanding the unnecessary and disgusting cruelity exhibited in its suppression. It extinguished for ever the long-cherished hopes of the Jacobites; and it stimulated government to take effectual measures for abating the barbarism that prevailed in the Highlands, and for the introduction of a more efficient administration of justice into all parts of the country. In this view the old feudal hereditary jurisdictions were abolished, and sheriffs nominated and paid by the crown were appointed in their stead; and this most salutary measure being accompanied by the construction of military roads, that were carried into the remotest and least accessible districts, the empire of the law was fully established; disorders of all sorts were promptly repressed and at length the public energies were happly turned and attempt the public energies were happly turned in which they have achieved such astonishing results.

SCUTARI (an. Chrysopolis), a town of Asistic Turkey, being, however, in fact, a subart of Constantinople, opposite the latter, on the other side of the Channel of Constantinople, on the Bithynian shore, about 1½ m. E. Seragilo Point. Its pop. has been variously estimated at from 30,000 to 60,000. It is built on the declivity of several hills, and has a very picturesque appearance from the opposite shores: its interior is similar to that of the Turkish as a very picturesque appearance from the opposite shores: its interior is similar to that of the Turkish as a very picturesque appearance from the popular properties of the merchants and caravans from Armenia and Persia trading to Constantinople, and is the first station for the assembling of the Turkish troops in Asia.

Scutari is very annoient, and is asid to owe its anname of Chrysopolis to the circumstance of the treasury of the Fersians having been established i

CUTARI, a fortified town of European Turkey, and cap of a packalis in Albania, 8. of the Lake Scutaro. Labeguis Palus), at the confluence of the Bojana and nassi, about 16 m. from the embouchure of the former

nassi, about 16 m. from the embouchure of the former he Gulph of Drino, in the Adriatic, 45 m. S.E. Cat-lis pop. has been estimated at 20,000. It has a ty strong citadel, on an isolated rock; with various ques, and Greek and Rom. Cath. churches. It stands neven ground, and is built in a very straggling man-A rather active trade in timber is carried on by els which ascend the Bojano to the lake; the inhab. manufacture cotton fabrics and arms, and build invessels. Scutarl is supposed to occupy the site of an Scodra, the cap. of the Hlyrian king Gentius; which subsequently appears to have become a Roman ny. It is still a place of importance; and when Sir lobhousegravelled in Albania, the power of its chief the only counterpoise to that of All Pasha. (Hobert Albania, 463; Cramer's Ame. Greece, 1. 40, 41.; scheimsma.)

se's Albania, 462.; Cramer's Anc. Greece, 1. 40, 41.; scheimens.)

CYLLA and CHARYBDIS: The former is a fasrock and town of S. Italy, at the N. entrance to the ow strait separating Italy from Sielly; and the laster nequally famous whiripool in the strait near the ian coast. Scylla is a bold rocky headland, shout h. in height, projecting into the sea, and hollowed to base into caverns by the action of the waves. It is counted by a castle, in lat. 38° 14′ 16′ N., long. 15° 44′ There is a sandy bay on each side the rock; and town of Scylla, built principally on the steep accilving the ridge, stretches down to the shore on either It has about 5,000 inhabs., said to be expert fisher, seamen, and divers.

seamen, and divers.

It has about 5,000 inhabs., said to be expert fisher, seamen, and divers.

is little town suffered tremendously from the eartheith at devastated Calabria in 1788. A large portion
e inhab., with the prince at their head, fied to the
h, believing it to be lesst exposed to danger. But
had not been long there when an adjoining cliff fell
the sea; and the waves, driven back by its fall, rushed
ard again with such tremendous fury as to rise high
the shore, sweeping along with them in their recoil
persons, not one of whom escaped alive! (Swisse, il. 419.)

10 rock of Scylla is exactly 6,047 Eng. yards, or nearly
from the opposite point of Faro, at the N.E. extreof Sicily. The whirlpool of Charybdis is not, howopposite to Scylla, but within the strat toutside the
ue of land exclosing the harbour of Messina. From
rominent position at the mouth of the straits, Scylla
posed to the full action of the current, the sea making
d noise in the caverns it has hollowed in the rock,
h, of course, is much increased in storms. Charybrominent position at the mouth of the straits, Scylia posed to the full action of the current, the sea making d noise in the caverns it has hollowed in the rock, h, of course, is much increased in storms. Charpbeems to be formed by the main current passing 19th the straits from the N. being thrown over to the ian shore by the point of Perzo, and meeting the all current running in an opposite direction. It is 70 to 90 fathoms deep, circling in quick eddles; and ain Smyth says that small craft are sometimes enered by it, and that he had seen a 74-gun ship irled round on its surface." (Memoir of Sicily, 123, not withstanding the action of the contrary current, he formidable appearance of Charpbdis, there is no re any real danger in navigating the straits, provided aution be exercised. Although, however, it be quite sus that Homer, in depicting the terrific dangers entered by Ulysses in this famous strait (see Pope's sey, lib. xxl. lin. 87, &c.), has made a very liberal of the license allowed to a poet, still it is abundantly in that it must have been much more dangerous in uity than at present. It was a generally received on among the ancients that Italy and Sicily were united, and that they had been torn asunder by some convulsion of nature. Pliny says, "Sicilia, geonal Brestito agro coherces, more interfuse mari avuisa." iii. cap. 8.; see also Silius Halicus, lib. xiv. lin. 2.; if, &c.) has more avuisality dangerous. The guration of the current for a period of more than years must have materially widened and deepened trait, and worn down those rocky prominences that resuch narrow channels peculiarly dangerous. The guration of the strait has also, no doubt, been matealtered in the interval by the earthquakes so prevanthis region; so that we are by no means entitled ribe the statements of the ancients, in regard to its ors, solely to their ignorance of navigation or their of the marvellous.

of the marvellous.

seels in passing through the straits, in order to avoid a within the vortex of Charybdis, sometimes run Scylla, which gave rise to the famous proverbial axion — "Incidit in Scyllam captenes with Charyb-" applicable to those who, to avoid a less, run into

applicative was a state of anger.

BASTIAN (ST.), a fortified frontier city and seaof Spain, cap. prov. Guipuscoa, in Biscay, at the
mity of a low sandy tongue of land, projecting into
Bay of Biscay, 10 m. W. by S. Fuenterrabia, and
E.N.E. Bilbao. Pop., according to Miffano, 9,720,

SEDAN.

with numerous fountains; the houses are mostly of stone, roofed with stake, and in the environs are various public walks.

Sedan has excellent cavalry and other barracks, a military hospital for 500 patients; other military establishments; a Calvinist, and several Rom. Catholic churches, a public library, communal college, a handsome theatre, &c. It is the seat of a tribunal of primary jurisdiction, a chamber of manufactures, &c. The water is said to have a tendency to produce golire.

Sedan has been long celebrated for its woollen manufactures, consisting principally of fine black cloths, and cassimeres. In 1836-37, from 11,000 to 12,000 work-people were employed in the woollen manufactures of the town and its vicinity, of whom from 3,000 to 4,000 belonged to the town; from 2,000 to 2,500, belonging to the neighbouring villages, went to work daily within the town; and the remainder, consisting principally of weavers, inhabited the country for a distance of from three to four leagues round. The last, who also occupy smail patches of land, work at the loom in their own cottages; whereas those who live in and near the town are mostly employed in large manufacturing establishments. In these, they work, nominally 10, and really from 14 to 15 hours a-day. But, notwithstanding these long hours, the work-people of Sedan are decidedly better fed, clothed, and lodged, than those of most other manufacturing towns of France: men get from about 2 to 3½ fr. a day; women from 1 to 2 fr., and children from 10 sous to 1 fr. (Villermé, 1, 264.)

The greatest harmony subsists between the work-people and the manufacturers. Drunkenness is comparatively rare, though in other respects their habits might be a good deal improved. Instruction is much more extensively diffused among the work-people than at Rheims, and, speaking generally, they have all the signs of good healist; circumstances chiefly consequent on the non-introduction of children into the factories as

too early an age. Villemmé farther adds, that their education and morals are both in a state of improvement. (Tableas des Osseriers, 1: 285—279.)

Hoslery, leather, arms, and hardware, are also produced at Sedan; and it has numerous dying-houses, with an extensive trade in drugs, &c. Previously to the Revolution Sedan was the cap. of a principality, which had often changed hands in the middle ages, but which was finally exchanged with Louis XIV, for some other field by the Turenne family. One of the greatest of the French generals, the famous Marshal Turenne, was a native of this town, in the citadel of which he first saw the light on the 16th of September, 1611. His statue, in bronze, ornaments the principal square. (Hugo, art. Ardenne; Dict. Géog., \$c.)

SEGORBE (an. Segobrigar), a city of Spain, cap. distr. of its own name in Valencia, near the Palancia, 18 m. N.W. Murviedro. Pop., between 6,000 and 7,000. Streets wide, and most of its houses well built: it has several squares, numerous public and private fountains, a cathedral in which are some good paintings, several convents, a prison, workhouse, and other public edifices. Its inhabitants are occupied in the manufacture of starch, earthenware, and paper, the distillation of hearder and the numerine works.

several convents, a prison, workhouse, and other public edifices. Its inhabitants are occupied in the manufacture of starch, earthenware, and paper, the distillation of brandy, and the quarrying marble in the vicinity. Two large fairs are annually held here. Various Roman antiquities have been found within the city. (Mi-fissos ; Fischer's Picitaver of Valencia, &c.)

SEGOVIA (an. Secuena), a city of Spain, Old Castile, cap. of the prov. of its own name, 48 m. N. N. W. Madrid. Pop., according to Mifiano, 13,880. It is built on two hills and the intervening valley, the unevenness of the site giving it a wild look. Most of the streets are crooked and dirty, the houses also are ill built, and chiefly of wood. The public buildings comprise 18 churches, including the cathedral, five hospitals, a mint, a college for cadets in the old castle or Alcasza, and military barracks. The cathedral, which is described by Swinburne as one of the handsomest churches in Spain, has a tower 330 ft. high, and exhibits a mixture of the Gothic and Arabian styles, nearly resembling that in the great church at Salamanca. The interior is characterised by a simplicity sarely seem in Spanish churches, the effect of which is infinitely superior to that of the gildings and ornaments elsewhere observable. The Alcazar is in great preservation, occupying a commanding situation on a rock rising above the open country. Towards the town is a large court before the great outward tower, formerly used as a prison, but now as a college of cadeta. The rest of the buildings form an antique palace, duce the favourite residence of Ferdinand and Isabella: it comprises several magnificent halls, with git ceilings; and along the cornice of the grand saloon are 52 wooden the present constitution, and the instruction given by the professors embraces most branches of knowledge connected with military science. The great givery of Secuents, however, is its aqueduct, supposed to have been out. professors embraces most branches of knowledge con-nected with military science. The great glory of Se-govia, however, is its aqueduct, supposed to have been built in the time of Trajan, and certainly one of the most perfect specimens of Roman architecture in Spain. Swinburne (ii. 248.) says, that "it is not only an ad-mirable monument for its solidity and good masonry, which have withstood the violence of barbarians and the which have withstood the violence of paragrams and the inclementies of the seasons during so many ages, but is wonderfully beautiful and light in its design. It consists of 161 arches, in two ranges; that nearest the ground comprising il 8, of which 43 are surmounted by an equal number of others: the whole is built of square stones, without measure and at the ton its a channel once hole. number of others: the whole is built of square stones, without mortar; and at the top is a channel, once hollow, but now filled up, only 8ft. wide, and without a parapet. The total length of the aqueduct is 750 yards, and its height in crossing the valley (measured close to the Plaza del Azoguejo, where two of the arches cross the street) is estimated by Twiss at 102 ft., though other travellers say only 94 or 95 ft. (Comp. Twiss, 82, with Townshend, li. 115., and Ingilis, 1. 286.) Swinburne considers it superior in elegance even to the Pont du Gard, near Nismes; but, in point of fact, the two differ remarkably; the latter having 3 instead of 2 rows of arches, and the extreme beight being 143 ft.

The mint of Segovia, the moet ancient in Spain, is situated at the bottom of the city, on the small river Ereama, the water of which turns its machinery: for many years, however, its operations have been confined to the

years, however, its operations have been confined to the coinage of maravedis, quartos, and other copper pieces. Segovia is said to be a decayed city, and most books on Spain contain accounts of the former flourishing state of its woollen manufactures; but Capmany has shown that, if not wholly unfounded, these accounts are, at all events, very greatly exaggerated; and that, when most flourishing, the number of looms in Segovla did not exseed 300 (Questiones Criticas, p. 37.), which, perhaps, is about their present number. It, also, produces paper, earthenware, and glass. A fair held here in June is much frequented. In the neighbourhood are mines of lead and copper, as well as quarries of black marble,

SEINE.

The early history of Segovia is somewhat obscure; but, like most other cities of Castile, it belonged successively to the Romana, Gotha, and Moora, from the last of whom it was taken at the beginning of the 18th century. During the Peninsular war the town was occupied by the French from 1808 to 1814. (Townscad, il. 130-1184; Inglist, 1284-237; Midsuo.

SEINE, the smallest, but most populous, wealthy, and important dep. of France, being that in which the capital is situated. It extends between lat. 489 43° and 48° 58° N., and long, 2° 10° and 2° 35° E., being entirely surrounded by the dep. Seine-et-Oise. It is of a nearly circular shape, about 18 m. in diameter. Area, 47,548 bectares. Pop., in 1846, 1,364,933. The Seine traverses this dep. in its centre, with a general direction from N.W. to S.E., and receives the Marne within its limits. There are a few hills, but none of much elevation. Most-Valerien does not rise to 450 ft. above the level of the Seine, and Montmarter is only 34 ft. in height. The soil is chiefly calcareous, this dep. forming the centre of the remarkable tertiary region called the Paris basin. (See Panis, smit, p. 466., and Fance, vol. 1. 850.) But the chalk is covered with a bed of vegetable mould of considerable thickness; and the manure supplied by the capital renders the dep. very productive. The arable lands are estimated at 29,295 hectares; meadows, 1,543 ditto; vineyards, 2,784 ditto; and orchards, gardens, &c., 2,502 ditto. Corn is not extensively raised, and the little that is produced is but indifferent. It furnishes very superior peaches, and other five stock, are fattened for the Paris markets, and there are some flocks of superior sheep. In 1835, of 66,837 properties subject to the contribution of the contribution o

and Paris.

The Seine receives several considerable tributaries; as the Aube, Marne, and Oise, from the N.E., and the Yonne, Eure, and Rille, from the S. and W. Besides Paris, several large and flourishing commercial cities and towns are seated on the Seine; as Rouen, Ribeuf, Troyes, Melun, and Montorçan, with Chatillon, Bar, Nogent, Corbeil, St. Germains, and Hondeur; and as its mouth is Havre, which, Marseilles excepted, is the first commercial port of France.

The Seine and its tributaries are connected by the canals of Briare, Orleans, and Nivernals, with the Loire; by that of St. Quentin with the Somme and Scheldt; by that of Ardennes with the Meuse, and by that of Bur-

SEINE INFERIEURE.

dy with the Loire. The canal of Ourcq (see Paris, 72.) also communicates with it. The banks of the ne below Paris have been much praised for their uty. "I reached," says Mr. Maclaren, "Rouen by diligence from Paris in 114 hours. The road passes us the valley of the Seine, which is extremely beautibut deficient in variety. It is from 2 to 10 m. in sith, and is bounded on both sides, not by hills, but staccasts, or table-lands, of a very uniform elevation. I lands are carefully cultivated, but enclosures are, and the cottages small and mean. I went from ien to Havre by the steam-boat in eight hours." tes in France and Italy, pp. 196, 196.) EINE-INFERIEURE, a maritime dep. of France, N., formerly comprised for the most part in the v. of Normandy, having E. the deps. Somme and Oise, Sure and Calvados, and W. and N. the British ChanAres, 602,912 hectares. Pop., in 1846, 756,852.

S. boundary consists mostly of the Seine and its saries. There are some hill chains, but none of much sequence. Coasts in general abrupt, presenting a

r. of Normandy, having E. the deps. Somme and Oise, Leve and Calvedo, and W. and N. the British of N. the British of Land Ares, 60,2013 hoctares. Prop., in 1864, 768,802, and the Land Ares, 60,2013 hoctares. There are some hill fraish, bot none of moth sequence. Coasts in general abrust, presenting a resistion of calcarcous cliffs. Clinate moist, and commended and the second of sheep has been much improved by crossing with section of calcarcous cliffs. Clinate moist, and commended are controlled to the coasts of the commended and controlled to the commended of the commended and controlled to the coasts of the commended and controlled to the coasts of the commended and the commended and commended to the coasts of the commended and the commen

SELBY. 669
France, and has a good deal of rich land. In 1884, jet was said to comprise 367,824 hectares arable land, 33,235 ditto meadows, 18,972 ditto vineyards, 6,607 ditto orchards and gardens, and 79,862 ditto woods. It has a large surplus of corn, principally wheat and oats, for exportation. Potatoes are, also, pretty extensively grown. The produce of wine may amount to nearly 600,000 hectols.; but it is mostly of low quality, and is principally used for home-consumption only. Cyder is also produced.

In 1819, according to Mr. Jacob, this dep. was better cultivated than those more to the E.; the soll is well adapted for turnips, small patches of which are occasionally met with.

Meaux is finely situated in the midst of rich natural

cultivated than those more to the E.; the soil is well adapted for turnips, small patches of which are occasionally met with.

Meaux is finely situated in the midst of rich natural patures, which fatten great numbers of cattle, and the dairy husbandry is also carried on to some extent. The breed of sheep has been much improved by crossing with the Merino breed, and the total annual produce of wood is estimated at 1,200,000 kilogs. Wax and honey are important articles. In 1835, of 172,606 properties subject to the contrib. Joneitre, 58,862 were assessed at less than 5 fr., 26,280 at from 5 to 10 fr., and 709 at 1,000 fr. and upwards. No mines are wrought, but a good many hands are employed in quarrying paving and other stone. Manufactures principally of cotton and finen fabrics, hardware and cutlery, earthenware, leather, and paper. This dep. is divided into 5 arronds; chief towns, Melun, the cap., Coulommiers, Fontainbleau; Meaux, and Provins. It sends 5 mens, to the Ch. of Dep. Registered electors, in 1838-39, 2,781. Total public revenue, in 1831, 12,888,754 fr.; expenditure, 7,577,351 fr. (Hugo, art. Seinc-et-Marne; Jacob's Tour, &c., pp. 442, 443.)

SEINE-BT-OISE (formerly Isic-de-France), a dep. of France, reg. N., principally between lat. 48° and 40° N., and long, 1° 30° and 2° 30° E.; having N. the dep. of France, reg. N., principally between lat. 48° and 40° N., and long, 1° 30° and 2° 30° E.; having N. the dep. of From N.W. to S.E., receiving the Oise and Essonne within its limits. As it belongs to the great tertiary basin of Paris, the soil of the dep. is principally eclacarous; a large portion, however, is sandy; and it is not particularly fertile, except in the neighbourbood of Paris, where it is liberally manured. In 1834, according to the official returns, the arable lands comprised 367,741 bect; meadews, 20,091 do.; vineyarde, 16,711 do.; orchards, 7,560 do.; and wheat. The annual produce of wine is estimated at about 700,000 hectol., but it is of very indifferent quality: cyder is also produced,

with Goole and Hull. It is also connected by railways with Hull and Leeds; and a branch custom-house being established here, it has become a considerable entrepot. It has also manufactures of salicloth, leather, and iron goods, and slips for building river craft. Petty sessions for the wapentake are held here, and courts leet and baron twice a year by the lord of the manor. Market day, Monday; fairs, Easter Tuesday, Monday after June 22., and Oct 10., for cattle, wool, linen, tin and copper wares. &c.

after June 22., and Oct 10., for cattle, wool, linen, tin and copper wares, &c.

SELKIRK, an inland co. of Scotland, being one of the smallest, and the least populous in that part of the United Kingdom; having N. Mid-Lochian. E. Roxburgh, S. Dumfries, and W. Peebles. Area, 169,290 acres, of which not more than 1-10th is supposed to be arable. This co. is, in most respects, similar to that of Peebles, and the statements as to the one will apply, with little modification, to the other. The greater part of the surface is mountainous; but the hills are green and smooth to the summits, and afford excellent sheep pasture. The co. is watered by the Tweed, and its two tributaries, the Etrick and Yarrow: there is some excellent arable land in the valleys traversed by these rivers, but the extent is inconsiderable.

Selkirk has fully participated in the wonderful im-

extent is inconsiderable. Selkirk has fully participated in the wonderful improvements that have been made during the last half century in most parts of Scotland. Its agriculture, breeds of cattle and sheep (now wholly Cheviot), roads, buildings, food and clothes of the inhabitants, &c., have all been signally improved. Average rent of land, in 1843, 4s. 7d. an acre. The woollen manufacture is carried on with spirit and success at Galashiels. The co. sends I mem to the H. of C. Registered electors, in 1849-50, 480-50, Selkirk is divided into seven parishes, and had, in 1841, 1,446 inhabited houses, and 7,389 inhabitants, of whom 3,572 were makes, and 4,017 females. Valued rent 89,502. Sectch. Annual value of real property assessed in 1843, 49,7662.

so.302f. Scotch. Annual value of real property assessed in 1843, 49,766f.

SELERIER, a market town and royal bor. of Scotland, cap. of the above co., on the W. side of a range of mountains, about 14 m. from the right bank of the Ettrick, and 33 m. S.B. by S. Edinburgh, on the road leading from the latter to Carliale. Pop., in 1841, 1,675. It consists chiefly of one wide, irregular street, which, at the market-place, expands into a triangular open space. The only public buildings are the town-hall, with a spire 110 ft. in height; a gaol, the parish church, and a chapel belonging to the United Associate Synod. Besides schools, it has a mechanics' institute, three subscription libraries, and a reading-room. Mungo Park, the African traveller, was born within a mile of the town, and a monument is at present (1841) about to be erected to his memory. Abbotaford, the seat of Sir Walter Scott, on the right bank of the Tweed, is within 4 m. The town has no manufactures; but on the neighbouring banks of the Ettrick are woollen-mills, for the making of hosiery, tweeds, blankets, and similar stuffs. In remote times Scikirk was distinguished for its manufacture of hoses; hence the expression "souters (shoemakers) of Scikirk' was, and still it, used as denoting the whole inhabitants. But shoe-making is not now carried on to any considerable extent. Poor-raise were introduced in 1761: the present annual assessment is about 800f.

Scikirk was in ancient times a royal residence. The 2007

duced in 1751: the present annual assessment is about 2004.

Selkirk was in ancient times a royal residence: The Forest, as the co. was once called, being a favourite hunting scene of the Scotch monarchs. Its history is intimately connected with the border wars. A standard, taken from the English at the battle of Flodden, by the "souters of Solkirk." is still preserved. The battle of Philiphaugh (1645), in which the Marquis of Montrose was signally defeated by General Leslie, was fought within la m. of the town. Since the Reform Act, the bor. electors have been added to those of the co. (New Stat. doc. of Scotland, & Schkrikshire, 1-10.; and Jeffrey's Guide to the Borders.)

SEMLIN, a frontier town of the Austrian empire, in Slavonia, on the Danube, 3m. N.W. Belgrade, and 40 m. S.E. by E. Peterwardein. Pop. about 10,000; a motley collection of Slavonians, Germans, Greeks, Servians, Croats, Gypsies, Jowa, &c. It consists of an inner town and a suburb: it is not fortified, but only surrounded with a stockade. It has some good houses and churches, but its streets are mostly unpaved, mean, and dirty.

**A its N artemitive it he ruined castle of the famous

with a stockade. It has some good houses and churches, but its streets are mostly unpaved, mean, and dirty. At its N. extremity is the ruined castle of the famous John Hunlades: It stands on a commanding height, having on its sides the huts of the Gypsey quarter. Semiin has a large quarantine establishment, at which travellers entering from Turkey are usually detained for from 10 to 40 days. The hospital, a high female school, and a German theatre, are the other principal public establishments in the town, which is the residence of a Greek protopapas, and the chief extrepts of the trade between Austria and Turkey. Its principal imports from the latter are raw cotton and cotton twist, honey, saffron, hare and rabbit skins, pipe-bowis, &c.; its exports thence woollen stuffi, earthen and glass wares, and other manu-

factured goods. (Oesterr. Nat. Encyc. ; Berghaus, Bur-

gess, Quin, &c.) SBMPACH, a st gess, Quim, &c.)

SBMPACH, a small town of Switzerland, canton Lacerne, on the E. bank of the lake of same name, ? m.

N.W. Lucerne, famous in Swiss history for the victory gained in its vicinity on the 9th of July, 1386, by a Swiss force of about 1,400 men, over 4,000 Austrians, consanded by the archduke Leopold 11. The Swiss historians ascribe their success in this battle to the patriousma and devotion of a knight of Unterwalden, who, grapping a number of the spears of the Austrian pikemen in his bands showed his countrymen; at the symens of his consand.

gained in its vicinity on the star or stary, seeking and force of about 1,400 men, over 4,000 Australans, commanded by the archduke Leopold II. The Swiss historians acrobe their success in this battle to the patriotism and devotion of a knight of Unterwalden, who, grasping a number of the spears of the Australan pikemen in his hands, showed his countrymen, at the expense of his own life, how they might make their way into the ensemy't phalanx. But, whatever truth there may be in this story, we believe that the easy and compisted victory of the Swiss was principally owing to the less porticula fact of the archduck baving been hilled at the beginning of the action and to the pents the system of the archduck as the pents of the system is said not to have exceeded 200 men. (L'Art de Förgier les Dates, Partie Moderne, xvii. 95. 8vo. ed.)

SENRAAR. See Nunia.

SENREFER, a village of Belgium, prov. Hainsait, 6 m. S.W. Nivelles, famous from its vicinity, having been the scene of one of the most sangulary conflicts of modern times. Here on the 11th of August, 1674, a Fresch army, under the famous Frince of Condé, attached the rear guard of the Confederates, commanded by the Prince of Orange, afterwards William III., and gained a considerable advantage. But, not satisfied with this, Condé imprudently attached the main body of the Confederates, who had taken up a very strong position; on which, notwithstanding the most astonishing efforts, he could make no impression. The loss on both sides was nearly equal; and such was the slaughter, that showed the words of Voltaire, "La grander of clother betaled de Sency see Jul qu'es cownage." (Sibele de Louis XIV., cap. 13.) Both armies withdrew next day, neither actemy of the African continent. Its sources have not been explored; but Mingo Park ascorrance to this committed to be wholly unconnected either with the Quorra, generally apposed to be the Niger, or with the Niger of the armount of the African continent. Its sources have not breen explored; but Mingo Park accourse, the Ko

SENEGAL.

he Senegal forms a part of the line of demarcation reen two regions widely differing in every respect. the N., within a few miles of its banks, is the great rt of Sahara, with here and there a few Moors; le to the S. are the fertile regions of Nigritia, bitted by negroes. (Ritter's Africa, Fr. trans., il. Mr.; Hugo, art Senegal; Dict. Géog., gc.) tregal, a name derived from the above river, n to some small French colonial establishments on W. coast of Africa, comprising several islands, and ill portions of the African continent, between the egal and Gambia rivers. It is divided into two rids., the N. consisting of the isles of St. Louis, Bahé. Safal, and Gheber, near the mouth of the Senegal, n some few establishments on the banks of that river, trading stations along the coast between Capes der d and Blanco; and the S. arrond., comprising the nd of Goree, Albreda, on the bank of the Gambia, the other stations S. of Cape de Verd. The total of these dependencies amounted, in 1836, to 18,040; whom about 18,000 were Mobammedans and blacks: is of the pop. inhabited St. Louis and its arronds. The post of the African coast is nearly destitute of d harbours: those of St. Louis and Goree are the t. The soil of the isles and continental shore is dy, but improves in quality further inland, where it covered, S. of the Senegal, with dense forests, and most luxuriant vegetation. The climate, though so very pestiferous as that of Sierra Leone, is exmely bad. The heast of summer is most relaxing and pressive, especially during E. winds, though the thermeter does not stand extremely high. The wet seat, which lasts, with S.W. winds, from June till Oct, particularly fatal to Buropeans, who are attacked with enteries, liver complaints, and various kinds of fevers. emineral products are few. There are traces of n, but little ore is wrought. Basalt, &c., are found Goree, but sexecely any stone elsewhere; and at Louis, the most solid buildings are only of bricklid is procured from the countries towards the bead of Senegal, Louis, the most solid buildings are only of brick, ild is procured from the countries towards the bead of Senegal, but the efforts of the French to form settients there have hitherto proved abortive. Near the nuth of the Senegal are some salt-pans, and is some rts of the interior natron efforesces on the soil. The getable products are the most varied and abundantiey include the gigantic baobab (**adamsonis **diginas**), lims, mimosas, and gum trees of numerous kinds, negal ebony, and other valuable timber; with cotton, ligo, coffee, arnatto, olives, hemp, and other fibrous ints; cassia, sweet potatoes, millet, maise, &c. mong the wild animals are the elephant, lion, hippotamus, wild boar, buffalo, tiger-cat, great numbers of er, game of all species, and an immense variety of rds and reptiles. Oxen, buffaloes, horses, asses, &c., e used for domestic service, as in Europe; and goats, eep, and hogs are reared. Several kinds of artificial sases are grown, but the culture of products for food, exportation, is pursued only to a very small extent, negal being a trading catrepet rather than an agrillural colony. Few of the colonists are employed in anufactures, except in the working of iron, and shipiliding. The making of bricks, lime, and salt, employs few hands: the negroes weave such clothes as they quire, but other manufactured articles are obtained on Europe. We subjoin an

CCOUNT of the Quantities and Value of the principal Articles exported from the Senegal Colonies in 1836:—

A	ticies.	Quantities.	Value.		
Raw hides -	•	-	kilogr.	227,728	396,468 £
Wax Elephants' teeth	•	•		45,134 12,948	90,268 85,823
Gum Senegal	:	:	=	1,791,510	2.524.694
Cabinet-woods	. •	•	-	40,509	14,178
Gold	••	•	grammes	50,225	150,675 74,800

The total value of the exports, including that of goods:-exported, amounted to 4,051,265 fr.: the imports to 9,61,364 fr., the principal being linen and cotton fabrics, ope and apparel, brandy, liqueurs, wines, and other

rovisions.
Senegal is governed by a superior naval officer, who esides at St. Louis: Goree is the seat of a lieutenant-overnor. There appears to be neither a representative ssembly, nor a colonial council. A court of primary urisdiction sits at St. Louis; from the decisions of rhich, appeal lies to a court composed of the governor, he other chief functionaries, and certain principal insubs. of the colony. The European force in Senegal onsists of half a battallon of marines, a comp. of marine utilier, and a comp. of sappers, &c., altogether amounting to about 370 men. The French established themselves here in 1687, but no settlement of much importance was made till the formation of the Sénegal Company in 1684. The English took Senegal in 1706, but it was re-

taken by the French in 1779: it was again held by the English from a period shortly after the French Revolution till the peace of 1814. (Hugo, art. Senegai; Elais dec Colosies Françaies.)

SENLIS (an. Augustomagus, post Spirenectes), a town of France, dep. Olse, cap. arrond., on the Nonette, a tributary of the Marne, 29 m. S.E. by E. Beauvais. Pop. in 1846, 5,902. It stands on the decitivity of a bill, and consists of the town proper, and three suburbs. The town is surrounded with thick walls, parts of which are supposed to be remains of those constructed by the Romans. It is tolerably well-built; but the streets are mostly narrow and crooked, and it has few public buildings worth notice. The esthedral, however, has a handsome spire, 226 ft. in height. Chicory, starch, and cotton

mans. It is tolerably well-built; but the streets are mostly narrow and crooked, and it has few public buildings worth notice. The exthedral, however, has a handsome spire, 226 ft. in height. Chicory, starch, and cotton thread, are the principal manufactures. The town was of importance in the middle ages: under the Carlovingians it had the right of coinage; and in 1180, Philip Augustus espoused Elizabeth of Hainault at Senlis. (Hago. art. Oite, &c.)

SENS (an. Agediscus, post Senoses), a town of France, dep. Yonne, cap. arrond., on the Yonne, 30 m. S.E. Auxerre. Pop., in 1846, inc. com., 10,018. It is surrounded with decayed walls, attributed to the Romans, and various Roman antiquities exist in and round the town. It is said by some authorities, but not by others, to be well laid out and well built; and is kept clean by streamlets, which traverse its principal thoroughfares. It has a fine Gothic cathedral, of the same proportions as Notre Dame, in Paris, though of less size. In it is the spiendid marble massoleum of the dauphin, son of Louis XV., and father of Louis XVI., Louis XVIII., and Charles X., a chef-drewer of Couston. In the chapterhouse is a painting of the death of Thomas-a-Becket, who took refuge at Sens about 1165. The communat college is a large building, with a museum of antiques, and a public library of above 6,000 vols. Sens has a seminary, some public baths, a handsome theatre, a court of primary jurisdiction, &c.; manufactures of serge, druggets, wax candles, and gite, with broweries and distilleries; and an active trade in agricultural produce, timber, oak bark, leather, bricks, &c. Under Valens it was made the cap. of the 4th Lyonnaise; and it became an archibishoptic on the establishment of Christianky in the empire. Several councils were held here in the middle ages, including that in 1140, at which Abelard was condemned for heresy. (Hage, art. Yesser; Guide de Postscar, &c.)

condemned for heresy. (Huge, art. Yessee; Guide dus Foyagews, 4c.)

SERAMPORE, one of the Danish settlements in Hindostan, prov. Bengal, consisting of a town on the Hooghly, about 12 m. above Calcutta, and immediately opposite Barrachpoor. Pop. about 15,000. (Malcom.) is extends for 1 m. along the river, and is without fortifications, having only a small battery for saluting. "Serampore is a handsome place, kept beautifully clean, and looking more like a European town than Calcutta, or any of the neighbouring cantonments. Since the Copenhagen rupture (and more especially since it ceased to be an asylum for debtors from Calcutta), it has grievously declined, and its revenues scarcely meet the current exan asylum for debtors from Calcutta), it has grievously declined, and its revenues scarcely meet the current expenses. Many persons of different nations, who like a cheaper residence than Calcutta, take houses here." (Mod. Trev., ix. 110.) It has long been the head quarters of the Frotestant missions in India; and has a large and handsome college for the instruction of native youths, an extensive missionary printing establishment, &c. it was here that the Scriptures were translated into various Indian dialects, under the superintendence of Dr. Carey and others. (Malcom's S. E. Asia, ii. 46.; Hamilton's E. I. Gen.

Indian dialects, under the superintendence of Dr. Carey and others. (Makeom's S. E. Asia, il. 46.; Hamilton's B. J. Gez.)

SERES, a large town of Turkey in Europe, in Macsdonia, cap. of a beylik; on a declivity a little N. of the lake Takinos, and 44 m. N. E. Salonika. Its pop. is probably between 25,000 and 30,000; but this part of Europe is so seldom visited by travellers, that we have little accurate information respecting it. Seres is surrounded by a wall flanked with towers, and commanded by a citadel. It is said to be well built, the bouses being interspersed with gardens: it has some spacious khans, numerous mosques, churches, and fountains, and several public beths; with linen and cotton manufactures, and an active trade in cotton, grown in large quantities in its vicinity. Stein states that 70,000 bales of cotton are annually exported from Serea, 30,000 of which go to Vienna. (Horschehmann's Steins, &c.)

SERINGAPATAM (Sri-Ronga-Patama, "Vishnu's city"), a decayed town and fortrees of india, S. of the Krishna, which, under Hyder All and Tippoo, was the capital of Mysore. It stands at the W. angle of an island in the Cavery, about 4 m. in length by 1½ m. in readth, and is about 250 m. W.S.W. Madras. Lat. 190 2b N., long, 76° 4b' E. The fortrees, constructed by Tippoo, is an immense mass of building, but in several respects injudiciously planned. It was, however, when invested by our troops, strengthened with six redoubts, and other strong outworks. As a capital, the town was but mean. It bas one good basear, and a broad road under

the ramparts, but the other streets have a very indifferent

the ramparts, but the other streets have a very indifferent appearance; the houses, also, are shabby, and the pubue buildings few. Hamilton speaks of an arrenal, as gun-carriage manufactory, &c.; but it is probable that these, as well as the other military establishments, have been since removed to Mysore. On an emisence in the centre of the island is a large and handsome suburb, in which is the manufoleum of Hyder Ali and Tippoo of granite, remarkable for its size and solidity.

Seringapatam was besieged by the English on three different occasions: the first two sieges took place in 1791 and 1792; at the latter, Tippoo purchased a peace by redding half his dominions, and paying 3 crores and 30 lace of rupees to the British and their allies. Another war, however, broke out in 1799; and on the 4th of May, in the same year, Seringapatam was stormed by the British and the Nisam's forces, under Gen. Harris. On that occasion Tippop was killed, with the greater part of his garrison, amounting to 8,000 men, and the dominions of the last formidable enemy of the British in the Indian paninaula were added to our ladian empire. (Mod. Thraw, viii.; Hamilton, E. I. Gazetteer, 4c.)

SERVAN (ST.), a town and sea-port of France, dep. Ille-et-Villane, on the Rance, immediately behind St. Malo, of which town it may be considered the continental suburb, though comprised in a distinct commune. Pop. in 1836, with comm., 9,948. St. Servan is well built, and has a good harbour for merchant vessels, divided into two parts by the Solidor, an isolated tower about 60 ft. in height. The dock yard, which derives its name from this tower, has 5 slipe, three of which are appropriated to the construction of frigates; and during the war many frigates were built here. The naval establishments at St. Bervan are considerable; and a floating dock, to connect the port with that of St. Malo, is now (1841) in rapid of St. Malo, a mong its inhabs. are many English families, attracted thither by the cheapness of living, and the beauty of the neighbourh part of the country is covered with mountains, those in the W. being ramifications of the Dinaric Aips, and in the S. and E. branches from the Balkhan. There are, however, some tolerably extensive plains, particularly in the N. and along the course of the Morava. This river, which, after those above named, is the principal in Servia, nearly traverses the country from S. to N. The climate remarkably variable, and much colder in winter than would be inferred from the lat., the Danube and the Save being often thickly frozen over. The heats of summer are proportionally intense: the autumn is the most agreeable season; but ague is very prevalent then and in spring. The soft is almost everywhere fertile, though to a great extent uncultivated. Every species of grain common in Europe is raised, except rice. Maize is the principal; but much more wheat is produced than formerly, and maize bread is not now generally made use of by the inhabs. of Beigrade and other large towns. Owing to the inland situation of the country, and the want of markets, the price of corn is usually very low.

The vine is pretty generally grown; but from defects of culture, the grapes of the same vineyard usually differ greatly in quality, and being all used promiscuously in the making of wine, it is, for the most part, very indifferent. In the district of Beigrade, however, superiored wine approaching to claret has been made, though to no great extent. In fact, but little wine is formak in Servia; as apirituous liquor, distilled from plums, called alteosities or raties, sold at about \$d. a quart, being used in its stead. Kemp, flax, tobscoo, and cotton are cultivated, but only in small quantities. The pasture-grounds are extensive and good, though little can be said in favour of the breeds of cattle and sheep. Both are meagre and impoverished; and the former, though universally employed, with buffaloes, for draught, are not very numerous. The horses, also, are poor and diminquive, though latterly Prince Milosch has made considerable efforts to i

mais. They overspread the country in vast herds, being branded with the proprietor's name, and turned loose in the forests, where they feed on acorns, except in winter, when they are scantily fed at home on maize, and other

the forests, where they feed on acorns, except in winter, when they are scantily feed at home on maise, and other dry provender. Hogs constitute the principal export from Servia: about 230,000 are said to be annually sent to the Austrian dominions, where they pay a considerable import duty, having also paid an export duty on leaving the Servian frontier. The wool of the Servian sheep is very inferior; but about 60,000 lamb and goat skins are annually disposed of to Austrian merchants.

The forests, which overspread a large proportion of the country, might, if they could be turned to good account, be made, under judicious management, an almost nexhaustible source of wealth. Oak, extremely well adapted for ship-building, ash, pine, &c. are the principal trees, and valionea is produced in great plenty. But, as if the natural difficulties in the way of its exportation were not enough, government has prohibited the felling of oak timber! and the forests in many places are so thick as to be all but impassable, and are, at the same time, encumbered with putrescent vegetation. The collection of leaches, which abound in the marshy districts, has been carried to some extent of late years. They are disposed of to French merchants settled in Belgrade and Semlin, who forward them by way of the Danube, &c. to Parls, which they reach in 13 or 14 days: but this, which promised to become a business of considerable importance, has been monopolised by government. Iron, copper, lead, quickallyer, and coal, are found in Servia: but few or no mines are wrought; partly from a want of capital and enterprise, but partly also, it is alleged, from a wish on the part of government to conceal such tempting sources of national wealth, to avoid exciting any desire in its neighbours to possess themselves of the principalities.

Until a more extensive commerce take place on the

wish on the part of government to conceal such tempting sources of national wealth, to avoid exciting any desire in its neighbours to possess themselves of the primcipalities.

Until a more extensive commerce take place on the Danube, or a free communication of some kind be established between the Upper Save and the Austrian ports on the Adriatic, the great natural resources of Servia must continue all but unavailable. Her produce being similar to that of the S. provinces of Austria and Russia, these states throw obstacles in the way of her commerce; at the same time that the adjacent Turkish provinces have no need of her staples. The want of roads is, also, a great drawback on the prosperity of all the provinces in this remote part of Europe: the only high road in Servia is that which leads from Beigrade to Adrianople.

Servia, however, is less inconvenienced than most of the contiguous provinces by the want of roads, their deficiency being, in part at least, compensated by the easy access to the great navigable rivers by which she is aimost surrounded. A more litheral and bolder commercial policy on the part of Austria would do much to develope the resources and advance the civilization of the Servians; and by attaching them to her interests, it would seem, also, to be the safest in a political point of view. The Servians belong to the widely-spread Slavonian stock, with which most part of E. Europea in Suovainan dialects, and their poetry ranks high among that of the E. European mations. (See Bowriang' Specimens of the Popular Poetry of the Servians.) In their manners and customs the Servians differ little from the other Slavonic tribes in their vicinity (see Turker, &c.): they are in general almost equally uncefules.

Servia is divided into 6 prova, and 13 districts; chief towns Belgrade, which is the residence of a pacha but nothing is left them beyond this military, occupation, an acknowledgment of the supremacy of the Porce, and a small yearly tribute to the sultan. The internal government is wholly in t

SETUBAL.

SEVILLE.

673

Infinitry, 200 cavalry, and 50 artillerymen; but all males capable of bearing arms are enrolled in the millita, and a force of 40,000 men may be collected on an emergency. [Prix. Experies Servits ; Quint's Propage on the Dessabe, p. 252—364; Pager, Burgeas, §c., passim.)

SETUBAL, or ST. UBES, acity and sea-port of Portagal, prov. Extremadura, cap. Comarca, on the N. sides of the bay of its own name, which receives the Sadao at its S.E. extremity, about 18 m. S.E. Lisbon; 1829 39 147 N., long. SS 39 35" V. Pop., according to Midano, 18,000. It extends for about § mile along the beach, consisting mostly of 3 or 3 parallel narrow streets, crossed by others, and some squares, in one of which is a handsone public fountian. It is enclosed by walls partly in runs, and defended by the castle of St. Philip and a few other detached forts. It has several convents and keyother detached forts. It has proposed to have long the several convents and furnish, including the several convents and furn

riques and his son Sancho. It was fortified during the war of independence in the 17th century. (Misses). It suffered severely from the earthquake so disastrous to Lisbon in 1786. (Dict. Glocy.; Southey, &c. in Mod. Trss., xix.)

SEVASTOPOL, or AKTIAR, a town and sea-port of European Russis, on the W. coast of the Crimea, let. 40 28 N., long. 383 20° E. Pop. fluctuating, consisting principally of the garrison, and of the various individuals connected with the flect. Sevastopol stands on a creek, on the S. side of one of the flucest bays in the world, the Etersus of Strabo. It stretches E. into the country about 5 m., with a breadth, where greatest, of about a mile; it has, till within a short distance of the bottom, near lukerman, from six to eight fathoms water. There are in the cove on which the town is built five fathoms water close in shore. The bottom is clay and mud, and it is quite free from rocks and shoals. The bay is defended by strong forts on both sides the entrance. Merchantmen are excluded from Sevastopol, and it has become the principal station of the Russian fleet in the Black Sea, for which it is incomparably better fitted than either Kherson or Nicolaeff. Streets wide and regular, intersecting each other at right angles; houses extremely good, and built in the modern Italian style; principal edifices, admiralty, arsenal, hospital, barracks of the garrison, marine barracks, &c. The calcareous rocks at lukerman (town of caverus), in the vicinity of Sevastopol, have been cut into the most extraordinary caverus, or rather into chapels, monasteries, cells, &c., "which, by their multiplicity and intricacy, astonish and confound the beholder." (Clarke, il. 306, see also p. 372., where there is a good plan of the bay of Sevastopol; I Lugal, i. 300, &c.)

SEVENOAKS, a market-town, and par. of Kent, 14,827. The town consists principally of two wide streets, in one of which is the market-town, and par., with the liberties of Riverhead and Weald, 6,700 acres. Pop., in 1841, 4,827. The town consists princi

union. Markets on Saturday; fairs, July 10. and Oct. 12s, for hogs and positry; and the 3d Tuesday in every mouth for cattle.

SEVERN, a river of England, being inferior only to the Thames in magnitude, and perhaps, also, in importance. It has its source in a small lake on the eastern side of Plintimmon Mountain, in Montgomeryshire. At its outset it is called the Hafren, the name by which, through its whole course, it was known to the Britons. It flows first towards the S.E., and afterwards turns to the N.E., as it approaches Newton, where it takes the name of Severn. Hence, through the vale of Montgomery, its course is almost due M., till, entering the great plain of Salop, beyond Welshpool, it turns abruptly to the S.E.; and pursuing the same direction, it almost encircles Shrewsbury. Flowing through Colebrook Dale, and passing Bridgenorth, it follows a southerly course as it leaves Salop, and enters Worcestershire at Bewdley. Being now become a broad and deep river, crowded with barges, it rolls through a pleasant country in a tranquil stream, passing the city of Worcester, and traversing the Vales of Evesham and Gloucester. In the latter it divides into two channels, one of which washes the walls of Gloucester; but, being again united, it forms a great tidal river. Its course from Gloucester to Nass Point is tortuous; from the latter it flows S.W., till it assumes the name of the Bristol Channel, expanding and insensibly losing itself in the Atlantic Coean.

The Severn, particularly below Gloucester, has frequently overflowed its banks, and occasioned much damage to the surrounding country. It is remarkable for its tide, which rushes in with a head 4 or 6 ft. high, and a loud noise. This, no doubt, arises from the wide expanse of the waters of the Atlantic in the Bristol Channel synt gives its from 23 to 94 and 26 ft.; but in King's Road, at the mouth of the Lower Avon, they rise to the height of 46 ft., and sometimes more; and at Chepstow the rise is 60 ft. (Norte's Sating Directions for the

coannes owing gradually narrowed, till at length they are forced violently up the river. Outside the Bristol Channel, spring tides rise from 23 to 24 and 26 ft.; but in King's Road, at the mouth of the Lower Avon, they rise to the height of 48 ft., and sometimes more; and at Chepstow the rise is 60 ft. (Noric's Sading Directions for the Bristol Channel, 20.) The opposition which the current from the sea meets with from the adverse current of the river occasions that dashing and grinding of the waves known by the name of hygre or cagre.

The Severn is navigable from Flathelm Lighthouse, where it loses itself in the Bristol Channel, to Welshpool, a distance of about 178 m.; and its navigation is continued by the Montgomery Canal to Newton. It is, consequently, of the highest importance as a channel of internal communication; its capacity in this respect being materially increased by its numerous large tributary streams, and by the canals and railroads that join it. By means of the ister, it commands a large share of the commerce of Birmingham, and of the various trading towns of Staffordshire, Warwickshire, &c., and is united with the Thames, the Treat, and the Meresy. From Welshpool to the sea it has a gradual fall of 225 ft. (Pricatige os Insiand Novigation, &c., 396.).

The navigation of the Severn from Nass Point to Gloucaster is both tedious and difficult. To obviate this inconvenience, a canal on a large scale has been dug from Berkeley Pill to Gloucester. It is 18½ m. in length, from 70 to 90 ft. in width, and from 15 to 18 ft. in depth; and may consequently be navigated by vessels of 350 tons. There is a basin at each end for the accommence; and Gloucaster is now rising fast in Importance as a trading and shipping. This canal, which was opened in 1827, has become the channel of an extensive commerce; and Gloucaster is now rising fast in Importance as a trading and shipping town. (See Gloucastra.)

The barges which navigates the Severn are about 120 ft. in length, from 19 to 20 in breadth, and 5 in depth.

the Usk.

SEVERNDROOG, or SAVENDROOG, a strong hill fortress of Hindostan, in the Mysore territory, 20 m. W. by S. Bangalore. Though it be impossible to invest this place closely, it was, nevertheless, stormed and taken without the loss of a single man, by the British, under Lord Cornwallis, in 1791.

SEVILLE, a celebrated city of Spain, famous "for oranges and women" (Byron), the cap. of Andalusia, and of the prov. of its own name, in a wide and fruitiul Yy3

plain on the Guadalquivir crossed here by a bridge of boots, 62 m. N.E. Cadis, and 312 m. S. S. W. Madrid. Lat. 370 29' 50' N., long. 50' 47' 47" W. Pop., acc. to Mifiano, 91,860. It has numerous suberbs, but the city proper is about 4 m. in circuit; enclosed by a line of circumvaliation 13 m. in eirc. The ancient suburb of Triana is on the right bank; but with this exception, Seville lies wholly on the E. side of the river. The streets, with a few exceptions, are narrow and crooked, some of them being so contracted that one may touch both walls at the same time. Few are wide enough for carriages; and many through which coaches pass, show, by the deep furrows in the walls, that one nave touched, and often both at the same time. "(Townsem's Spain, il. 315.) The street or place, called the Alameda, in the centre of the town, planted with em trees, is, however, very magnificent; being 600 yards in length, by 150 in width, decorated with 3 fountains, and with statues of Hercules and Julius Casar. And snee Mr. Townsend's time various improvements have been introduced; old streets have been repayed, obstructions and irregularities. time various improvements have been introduced; old streets have been repaved, obstructions and irregularities removed, and numerous modern wide streets built in straight lines with regular and handsome houses. On the whole, however, Seville has all the peculiarities of a Moorish town, and furnishes a good specimen of the architecture of the Moors in their streets and houses, the former of which, narrow, close, and dirty, appear in strange contrast with the extensive and airy mannions that open on them, neatly white-washed, and

the whole, however, Seville has all the peculiarities of a Moorish town, and furnishes a good specimen of the architecture of the Moors in their streets and houses, the former of which, narrow, close, and dirty, appear in strange contrast with the extensive and alzy mansions that open on them, neatily white-washed, and studded with numerous windows, each having its cool-looking, green Venetian shutters. The Pasco and the Delicias are the principal public walks, and perhaps in point of rural beauty are superior to any in Spain. The former is here what the Prado is in Madrid; and in it the pop. may be studied to the best advantage. Among the public buildings are 31 churches, including the cathedral, numerous large edifices formerly conventual, that many of which have lately been turned into manufactories; an exchange, guildhall, 10 hospitals, one of which is military, an asylum for decayed prisets, 8 sets of barracks, 7 prisons, and 2 thestres.

The cathedral, built in the 14th and 15th centuries, occupies the site of a Moorish moeque; but it seems highly probable that it was a Christian church prior to the Mohammedan conquest. It has 5 naves, but no dome or central tower. It is, according to Townsend, 420 ft. in length y 563 ft. in breadth; the height from the floor to the roof being estimated at 156 ft. "The cathedral," says Mr. Swinburne, "is more cried up than I think it deserves; it is by no means equal to York minster for lightness, elegance, and Gothic delicacy. The clustered pillars are too thick, the sisles too narrow, and the choir, by being placed in the centre, spoils the whole comp d'aril, and renders the rest of the church little better than a heap of long passages. The ornamental parts are but clumsy imitations of the models left by the Moors. Not one of the great entrances or porches is faished; and to disfigure the whole pile, a long range of buildings in the modern style has been added to the old part." (ii. 23.) The only remaining parts of the more and the models of the house type is a constant

trious dead were again raised by the whites, and carrie to the Havannah, where they are now deposited. It worthy of notice, that the library belonging to the c thedral was begun in 1560, by the bequest of 20,0 vols. left for the purpose by Hernando, one of Columbu

vois. left for the purpose by Hernando, one of Columbussons.

The large organ, which is considerably larger than
that of Haarlem, has altogether 8,300 pipes, with 110
stops. "Nothing," says inglis, "can exceed the majesty of the music awakened by this organ, and, at
times, the effect is almost too overpowering for human
senses." (*Inglis, ii. 57, 98.; Cool's *Bistokes, i. 132. and
ii. 98.—96.)
Immediately under the Giralda, occupying one side of
a mall square, is the archibinop's palace, with a handsome front, and opposite to it is the Lonja, or exchange,
a quadrangular edifice, with a central pastio, comprising
apartments, some of which are still used by the marchants, though the greater part has been converted into
an Archivo de los papeles de findias, or repository for
American archives; the voluminous records here preserved being as carefully placed and ticketed, as if Spain
still continued to give law to her ci-deseast transatiantic
possessions! The floors are laid in chequered marble; and
the grand staircase is of highly pollabed rad marble; and
the grand staircase is of highly pollabed rad marble; and
the grand staircase is of highly pollabed rad marble; and
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the grand staircase is of highly pollabed rad marble; and
the grand staircase is of highly pollabed rad marble; and
the grand staircase is of highly pollabed rad marble; and possessions! I Be Boors are last in the querewas marries, and the grand statrease is of highly pollabed red marble, and remarkably handsome. (Scott's Bonds and Gramada, \$1.105.) A little removed from the Lonja is the Alexara, a royal palace and gardens, said to have been constructed in instantion of the Alhambra, principally by Peter the Cruel and Charles V. Swinburne correctly terms it, "a pasticcio of Saracenic, conventual, and Grecian architecture." The exterior has a miserable appearance; but the first court, after entering the gate, has a grand effect. It is 98 ft. is length, by 69 ft. in breadth, flagged with marble, and surrounded with a colomade of white marble Corinthian pillars, of handsome proportions, and well exsecuted, the walls behind being covered with grotesque designs in the Moorish tasts. Next to the Court of Lious, is the Alhambra, this court is perhaps the best piece of Arabic building in Spain for execution and delicacy of design, though the ornaments of the palace in Seville be much infering to those of that in Granda. The Alexara comprises a suite of 78 successive apartments, having cavved ordings, with walls, like those of the Alhambra, with well-preserved arabesques. By far the most splendid, however, is the Hall of Ambassadors, a splendid, however, is the Hall of Ambassadors, a splendid plantance, adorned with designs in stucco, and with a foor of variegated marble. Within the Alexara rare many fine paintings, by Murillo, Velasques, Luis de Vargas, and other Spanish masters, with a few specimens of the Italian school; but several of the best pictures have, within the last few years, been removed to the palace is now let out in lodging-houses, and to private individuals; the portion reserved for the sovereign comprising only a small section of the entire pile. The gardens, which are of small extent, are laid out according to the Moorish taste, in formal alleys, with chipped myrtile house, is a laid out according to the Moorish taste, in formal alleys, with chipped myrtile hedges and tr

and hair stone, and capable of accommodating 14,000 spectators.

The next remarkable object is the royal tobacco manufactory, a huge edifice 440 ft. in length by 366 ft. in breadth, so strongly built and guarded by walls and ditches, as to appear like a fort or citadel, raised to everawe the citizens. It employs about 400 hands, of which more than a half are engaged in making cigans. But, despite all the precautions of government, faily nine tenths of the cigars made use of are said to be clandestinely imported. (Scott, it. 110.) The cannon-foundry is, on the whole, a creditable national institution, though not at present in any great activity. Among the other public establishments, may be specified the cavalry harracks, royal sulpetre manufactory, military hospital, &c. The market-place is large, and admirably suited to its purpose, the buildings being arranged in streets, as open space surrounding the whole, with gates and ornamental fountains. In the suburb of Triana is a separate market for the supply of the gitsness, or gypeies, its chief inhabitants.

The arrangement of the streets is very different form. inhabitants.

The arrangement of the streets is very different from

that observable in most other Spanish towns, and is mainly the effect of the hot climate. To a similar cause may be traced the internal arrangement of the houses. They are built almost universally in the form of a square, mainly the effect of the hot climate. To a similar cause may be traced the internal arrangement of the houses. They are built almost universally in the form of a square, with a spacious court-yard, or patio, frequently paved with mabble, and surrounded by plazass opening on the spartness of the ground-floor; the exterior as well as every other part of the house being kept carefully whitewashed, the massive green wooden hinds of the windows being kept closely shut during the day. In addition to this, the rooms, which are usually paved with tiles, are furnished with ponderous window-shutters half a foot thick, kept shut till the sun is off the windows, when they are partially opened to admit the breeze. Hence they are partially opened to admit the breeze. Hence they are partially opened to admit the breeze. Hence they are partially opened to admit the breeze. Hence they are partially opened to admit the breeze. Hence they are partially opened to admit the breeze. Hence they are partially opened to admit the breeze. Hence they are partially opened to admit the breeze. Hence they are partially obtained to the form of the house are so very dark, that visiters at first with difficulty distinguish the immates. The climate may also be said to divide the houses into two distinct parts. During the winter months (commencing in Oct. and ending with April) the family inhabits the upper parts of the house, which are then thickly mated, and the rooms artificially heated by braisers of charcoal; but when the hot weather sets in, these spartments are shut up, and a general move is made to the ground-floor, which, being considerably cooler, and opening on the patio, renders the best more endurable. "It is a pretty gith, indeed," says Sir A. C. Brooke (Tweels in Spars and Morocco, 1.45), "to saunter during the deliclous moonlight evenings of summer along the fashionable streets of the city; and nothing can be more strikingly brilliant than the appearance of the houses and hotets of the nobility and wealthier classes. On looking t

generally substituted by all classes.

The aspect of the pop of Seville differs greatly from that of Madrid. Even in the upper ranks, there is something in the ladies of an eastern appearance: they are more frequently veiled, their cheeks seem tinged with a bue of Moorish blood, and, along with the fire of a Castilian eye, there is mingled a shade of Oriental softness. Among the lower orders of the women, also, as among the Moors, may be remarked an extravagant and tasteless profusion of gaute ornaments, impress eartings. the Moors, may be remerked an extravagant and taste-less profusion of gaudy ornaments, immense ear-rings and bracelets, numerous rings, &c.; and the dress of the Andalusian peasant is even more groceque and orna-mented than that of the women, his jacket and waistonet being almost always trimmed with gold or silver, and every article of his dress covered with silk cords and battons. Another striking difference between Madrid and Seville is in the great mass of ragged, wretched-looking ropole in the latter, in consequence mainly of the and Seville is in the great mass or ragged, wretened-looking people in the latter, in consequence mainly of the heat of the climate, which renders labour a disagreeable exertion, especially in a country where subsistence is so easily procured. Let a small loaf of bread be given to one of these sons of idleness, he makes a hole in it, begr easily procured. Let a small loaf of bread be given to ene of these sons of idleness, he makes a hole in it, bega a little oil, not worth refusing, which he pours in, and soaking his bread as he eats it, he is set up for the day; and if he succeed in getting a two-quarto piece, he may procure as many grapes as his heart can desire. What motteenent has such a one to be busy? The upper and middle ranks of Seville live more fuxuriantly, but not better than those of Madrid; for the luxuries of the former, their locd waters, lemonade, and pomegranates, their cool patios, fountains, and baths, are necessary to health and comfort. But even in his ordinary diet, the Andalusian has the advantage over the Castillan; for though it be true that, like the inhabitants of the northern provinces, he dines on the eternal puchro, its ingredients are better in Andalusia than in Castile, the piguing fed on the filex-nuts and the vegetables of S. Spain, being perhaps the finest in the world. The difference between Andalusia and Castile is still further observable from the state of society in the two provinces. The terrulia of Seville is quite different from that of Madrid, the former being at any rate nove animated, if not drid, the former being at any rate more animated, if not more intellectual, and the dulness helped out with cards, more intellectual, and the duliness neighbor with cards, dancing, forfeits, and other amusements, independent of mere chit-chat and persitage. Balls and suppers are reserved for great occasions; but certainly substantial entertainments are more general than in the capital, perhaps because wealth is more generally diffused. Morals are at a very low ebb.

The finet, the teng, the revel here thounds;
Streams modes of surfaces the hours consume,
Nor bleed these patries will be hours consume,
Nor here Wear clarion, but Low's relects counds;
Here Folly still he votaries intralis;
And young-eyed Lowchess walks her midnight rounds:
Girt with he altest crimes of capitals,
to the last kind Vice clings to the tottering walls.

Child Harnd, I., et. 46.

In Seville it is almost a derision to a married woman to

In Sevillet its amous a derision to a married woman to have no cortejo, and a jest against a sefforita not to have her amouste. Indeed, the gallantries of the latter are not unfrequently carried quite as far as the intrigues of the former. (Ingels, ii. 39—41.)

But with all this corruption, the course of society runs

Sorner. (Inglis. ii. 38—41.)

But with all this corruption, the course of society runs smooth; lealousy appears not to disturb the mémage, the parties living together with all the outward show of mutual esteem, and inflicting the history of their private bickerings only on their most intimate friends. The amusements of the middle and higher classes consist of the daily promenading on the Pasce or Alasmeds (the Hyde Park or Regent Street of London); theatrical entertainments, of which they are passionately fund, and no mean judges; and the tertuils, which are so arranged as to succeed each other in the arrangements of the day. The lower classes are fond of dancing; but of music they have little knowledge, for nothing can well be more disagreeable than their crary guitars. (Scott's Ronda, il. 132—138.; and Inglis, whi supra.)

Seville, as a place of residence for a stranger who cares only for sensual gratifications, is perhaps preferable to any other Spanish city. It is said that there is not a day throughout the year in which the sun does not shine on Saville. Winter is scarcely felt; and if the heats of summer be oppressive, as they truly are during the prevalence of the solmo, the streets, houses, and economy of life are admirably adapted to lessen their influence. The surrounding country, with its orange and lemon groves, scaclas, and other flowering trees and shrubs, is all that one can desire: fruits of many varieties and choice flavour may be had simost for nothing, and every necessary of life may be procured in abundance, and at very moderate rates. Game, fruit, and vegetables are excellent; and the bread (brought to market from the neighbouring village of Alcala dos Pameadores) is said to be the best in Spain. Meet is reasonable, but of rather indifferent quality.

rent quality.

Seville has several establishments for the promotion of learning, science, and general education; but of these few, if any, can be considered as very efficient. Its university, founded in 1802, is in the most backward state possible. The other scholastic establishments comprise a school of medicine, two mathematical schools, comprise a school of medicine, two mathematical schools, a college of agriculture, and an academy of the fine arts, besides the ancient, though decaying, school of St. Elmo for navigation and gunnery. Sevile has also several societies for the promotion of different branches of literature and science; but they exercise little influence, owing to the general want of sound elementary education.

cation.

If we might believe the stories which book-maker after book-maker has repeated, usque ad messeam, of the former flourishing state of manufactures in Seville, we should certainly conclude that in the 18th and 18th centuries it was decidedly superior, as a manufacturing town, to what Manchester now is 1 it is said, for example, to have had, in 1519, 16,000 silk looms, and 180,000 persons employed in the various branches of the silk manufacture! ⁸ Buch a statement carries absurdity on its face; and Capmany has shown concelusively, from the letter of the Venetian ambassador, Navagero, who visited Seville in 1825, and otherwise, that it is doubtful whether it had then a dozen silk looms; and that, instead of being a city with some 500,000 or 600,000 inhab, as must have been the case had it had 180,000 engaged in the silk trade only, there is no reason to think that it was then larger or more populous than at present. (Aussitances Criticutes, p. 27, dc.) It is true that at a subsequent period the silk manufacture attained to considerable importance in Seville, there being, in 1650, about 3,000 looms engaged in the busipees. The manufacture has since undergone many vicisitudes; but in the earlier part of the present contury it employed about 2,400 looms. Owing, however, to the loss of the colonial markets, and still more to the harassed state of the country for many years back, the number of looms is at present remade in considerable quantities, but they are both ineferior to, and much dearer than similar English fabries. There are several large tanneries, manufactories of hats, combs, carthenware, &c.; but, as in the rest of Spain, combs, carthenware, &c.; it, as in the rest of Spain, combs, carthenware, &c.; it, as in the rest of Spain, combs, carthenware, &c.; it, as in the rest of Spain, combs, carthenware, &c.; it, as in the rest of Spain, If we might believe the stories which book-maker after rerior to, and much dearer than similar English labries. There are several large tannerles, manufactories of hats, combs, earthenware, &c.; but, as in the rest of Spain, the processes are so clumsy, that, speaking generally, all manufactured articles are of inferior quality. The to-

* Among others, these statements are given as if they were unusually by Laborde (Histories, ill. 258. ed. 1555); and it deresm de Jonnés, in his Statistique d'Espagne, 145. The latte added, is a wretched performance, totally an worthy of confidence. Y y

bacco manufactory, iron foundry, and saltpetre establishment, have been already mentioned as government monopolies. The trade of Seville rose to considerable importance after the discovery of America, in consequence of its being vested with the monopoly of the commerce between Spain and the New World. This advantage, however, was soon lost, from the difficulty of navigating the Guadalquivir with large vessels; and the trade was transferred to Cadiz. The river, at certain times of the year, is accessible as far as Seville for ships of 100 tons; but, generally speaking, all vessels drawing more than 10 ft. water are obliged to load and unload 8 m. below the city. Some efforts, however, have lately been made for the improvement of the navigation. The exports comprise wool, gost-leather, oil, slik, and fruit, particularly oranges. The trade in oranges is carried on principally with England, to which about 40 cargoes are sent every year, comprising about 16,000 chests, 1-10th of which are bitter, and the rest sweet oranges: the chief part of the export takes place in Nov. and Dec. The imports comprise various manufactures from England (many of which, however, are contraband); hides, bemp, and fax, from the Baltic; iron from Bilboa, and colonial produce from Cuba and Porto Rico. A considerable coasting trade is carried on with Cadis, Malaga, Barcelona, and other ports of Spain; and there is daily steam communication with St. Lucar and Cadiz.

Seville stands on the site of the Hispatis of the Romans it opened its gates to the Moors in 711, soon after their invasion of Spain, and continued in their possession above five centuries, being the seat first of a regal, afterward of an aristocratical government. It was taken by the Christians in 1347, after one of the most obstinate sieges mentioned in Spanish history; but since then it has seldom been the scene of military exploits. It is known in diplomatic history by a treaty concluded in it in 1729, by Spain, England, France, and Holland. In the autumn of 1800, it was vis

nairca.

Seville has given birth to several distinguished individuals, among whom have been included in antiquity the emperors Adrian, Trajan, and Theodosius. There can, however, be little or no doubt that these illustrious individuals were all natives of Italica, a Roman city, a few niles N.E. from Hispalis. Among the more remarkable individuals of whom Seville has to boast in modern times may be specified Las Casas, bishop of Chiapa, the defender of the Indians; Antonio de Ulloa, the traveller and economist; Lopes de Rueda, the father of Spanish comedy, &c. The iamous navigator, Magellan, or Magelhaens, salled from Seville on the 20th of Sept., 1519, on the expedition in which he discovered the straits that bear his name.

on the expedition in which he discovered the straits that bear his name.

SEVRES, a small town of France, dep. Seine-et-Oise, on the Seine, about midway between Paris and Versailles, being 5 m. N. W. the latter city. Pop. about 4,000. It has been long Lumous for its royal manufactory of porcelain, or Sevres chima; which, for elegance of design and excellence of quality, is equal, if not superior, to any made in Europe. A large museum is established here, in which are collected specimens of most kinds of earthenware manufactured in France and other countries. There is a warehouse in the Rue Rivoll, in Paris, for the sale of Sevres china. The quarries whence the clay used in the manufacture of the porcelain has been obtained form extensive wine vaults. The Sciencis crossed here by a handsome storie bridge.

SEVRES (DEUX.), a dep. of France, reg. W., principally between the 46th and 47th degs. N. lat, and 9 and 10 W. long.; having N. Maine-et-Loire, E. Vieune, S. Charente and Charente Inferieure, and W. Vendée. Area, 607,350 hoctares. Pop., in 1846, 320,853. A hill chain, running from S.R. to N.W., divides the deprinct two portions, very unifice each other in their general aspect, the southern being nearly flat, and the northern very much diversified. Principal i tvers, the two Sevres (or Niortaise and Nantaise), whence the name of the dep. in one discharges itself into the Atlantic in Vendée.

very much diversified. Principal livers, the two Sevres (or Niortoise and Nassasise), whence the name of the dep.: one discharges itself into the Atlantic in Vendée, the latter failing into the Loire. A large proportion of the soil is stony, but there are some rich tracts. In 1834, the arable lands were estimated at 404,355 hectares; meadows, 74,903 do.; vineyards, 20,893 do.; orchards, &c. 9,676 do.; and woods, 26,090 do. Shallow lakes, pools, &c. occupy at least 10,000 hectares. Agriculture is generally very backward, being, in most parts, distinguished by an obstinate attachment to old methods; but more corn is raised than is required for home consumption. Flax,

hemp, various fruits, &c., and about 350,000 hectol. el

SHAHABAD.

hemp, various fruits, &c., and about 330,000 hectol. of wine, are annually produced. The quality of the latter is, with few exceptions, very inferior, and about half the produce is made into brandy. The annual produce of wood is estimated at 400,000 kilog. Fat eatile, bogs, poultry, timber, brandy, and vinegar, are the principal exports of the dep. In 1835, of 127,942 properties subject to the contrib, foncière, 69,394 were assessed at less than 5 fr., and 17,611 at from 5 to 10 fr. Minerals unimportant. The manufacturing industry of the dep. is of little consequence. It is divided into four arronds: chief towns, Niort (the cap.), Pressuire, Melle, and Parthenay. It sends 4 mems. to the Ch. of Dep. Registered electors, in 1838-39, 1,576. Total public rev. in 1831, 5,747,475 fr. (Hugo, art. Deux-Seeres; French Qflicial Tables.) SHAFTESBURY, a parl. and mun. bor. and marketown of England, co. Dorset, partly in Sixpenny Handley hund, and partly in Alcester liberty, on the border of Wits, 224 m. N.E. Dorchester, and 95 m. S.W. London. Previously to the Reform Act, the num. and partly boundaries of the bor., which were co.extensiva, comprised only portions of the parishes of the Holy Trinity, St. Peter, and St. James; with a pop., in 1831, of 2,762, But since then the municipal limits have been enlarged, so as to include the whole of those parishes, with that part of Motcomb in which Enumore Green and Long Cross are situated; and the parl. boundary comprises the entire parishes of Cann, St. Rumbald, Melbury and Compton Abbas, Stower Provost, East Stower, Todbere, St. Margaret's Marsh, Motcomb, Donhead (in Wilks), and the chapelry of Hartzrove, making a total area of 20,910 acres. Pop., in 1841,9,462.

The town is situated on the top, and extends nearly to

St. Margaret's Marsh, Motcomb, Donhead (in Witts), and the chapelry of Hartgrove, making a total area of 20,910 acres. Pop., in 1841, 9,462.

The town is situated on the top, and extends nearly to the verge of a high narrow hill. It is healthy, though; from its situation, the air is often bleak and piercing. Though irregular, it is well built, a large proportion of the houses being constructed of freescone quarried in the neighbourhood. Shaftesbury had anciently 12 churches, besides several chantries, a celebrated monastery, an hospital, &c. It has now but 3 churches, the principal of which, St. Peter's, is of great antiquity, and has some elegance, though much disfigured by modern alterations. Holy Trinity is joined with St. Peter's, St. Mastri's, and St. Lawrence, in a rectory worth 1864. a year. Both livings are in the diocese of Bristol, and the gift of the Earl of Shaftesbury. (Eccl. Rev. Rep.) In the spacious and well-planted churchyard of Holy Trinity is inclosed a considerable portion of the wall of Shaftesbury Abbey, being all that remains of that once famous edifice. It is said to have been erected by the wife of Edmund, a considerable portion of the wall of Shallesbury Abbey, being all that remains of that once famous edifice. It is said to have been erected by the wife of Edmund, great grandson of king Alfred, for Benodictine nuns. (Camaca, Gibson's ed. i. 60.) It was afterwards called St. Edward's Abbey, from Edward the Martyr, who was murdered at Corfe Castle, having been burled in kt. After the churches, the principal public buildings comprise a handsome town-hall, recently built by the blarq. of Westminster, at an expense of 3,000t., and meeting-houses for Friends, Independents, Wesleyans, &c. A free school, for 20 poor boys, was founded in 1719; and there are almahouses for both men and women. From its elevated position, Shaftesbury labours under a deficiency of wases, which is conveyed up the hill in carts or on horseback, its supply affording employment to a number of persons. The town had formerly a manufacture of shirt buttone, which employed many women and children; but it has now ceased, and it has few outward signs of prosperlys, though it is said that its condition has latterly improved.

now ceased, and it has few outward signs of prosperity, though it is said that its condition has latterly improved. Boundary Rep., \$c.\]

Shaftesbury is mentioned as a bor. in Domesday Book; but its only existing municipal charter is that of James I., confirmed by Charles II. It sent 2 mems, to the H. of C. from the reign of Edw. I. down to the passing of the Reform Act, which deprived it of one of its members, and at the ame time increased its boundaries as already stated. The election for mems, was formerly vested in the inhabs, paying scot and lot. Reg. electors, in 1849-50, 514. Since the Municipal Reform Act it has been governed by a mayor, 3 other aldermen, and 12 councillors. Corp. revenue, in 1847-8, 1681. No courts are held within the bor. Market-day, Saturday; fairs, Falm Saturday, June 24., Nov. 23., for all kinds of cattle.

Shaftesbury is supposed to be on or near the site of an ancient British town called Caerseptons, but it was of little importance till the foundation of its monastery, and has latterly depended principally on its political privileges. It gives the title of earl to the noble family of shelpe Cooper. (Parl. Munic. and Boundary Reports, Appendices, &c.)

SHAHABAD, a district of British India, presid. Demgal, prov. Bahar, between the districts of Paina, Bahar, and Ramghur, on the E. and S., and Benaraes, Ghasepoor, and Saruo, on the W. and N. Arca, 4,500 aq. m. Pop. (1822), 908,850, nearly all Hindoos. The Ganges bounds it N., the Sone W., and the Caramnassa E. It is very fertile, its staples being opiam, tobacco, cotton, sugar, indigo, and hemp; it is celebrated for the excellence of its

roads, a distinction mainly owing to a salutary reservation in the original land settlement with the Zemindars
of a certain annual sum to keep them in repair. Total
land revenue (1829-30), 14,80,485 rupess.
SHAHBHAN POOR, a district of British India, prov.
Delhi, having N. E. Nepaul, E. Oude, S. the latter and
the district of Furruckabad, and W. Salswan, Barellly,
and Pillibhect. Area, 1,420 sqt m. Pop. uncertain.
Total public revenue in 1829-30, 11,34,136 rup. Its cap.
town of the same name, 175 m. S. E. Delhi, is reported to
be more wealthy and rearry as populous as the latter
city; so that it may probably have 50,000 inhabs. (Hamilton.)
SHANOHAE. See Super revenue.

SHANGHAR. See SUPPLEMENT.

city; so that it may probably have 50,000 inhance. (Hambolom).

8HANGHAB. See SUPPLEMENT.

8HANNON, a river of Ireland, being by far the largest and most important in that island, and hardly indeed inferior, if it is not superior, to any in the United Kingdom. It has, in many respects, particularly in its nearly innlating an extensive prov., in the direction of its course, the length of its navigation, and the magnitude of its sextuary, a striking resemblance to the Severn. Its source is generally traced to the base of Culleagh Mountain, in the N.W. part of Cavan. After running a few miles, it falls into Lough Allen, about 10 m. in length, and from 4 m. to 5 m. broad; its course thence to Limerick being S., with a small inclination to the W.: issuing from Lough Allen, it passes Lettrim, Carrick, Tarmonbury, &c., entering Lough Ree, at Lanesborough. This, which is a very irregularly-shaped extensive sheet of water, is about 17 m. in length. Leaving it, the river, now greatly augmented, passes Athlone, and troe winds by Shannon Bridge and Banagher to Portumna, near which it expands into Lough Derg, a narrow lake, 33 m. in length, with deep bays and inlets. Becaping from the S. extremity of this lake, it flows on to Limerick. Here having met the tide, it takes a W.S.W. direction; and, gradually expanding into a noble setuary, unites with the Atlantic, between Kerry Head and Loop Head, about 76 m. lower down.

From the head of Lough Allen to its mouth, the Shannon has a course of about 314 m.; vis., Lough Ree, 17 m.; Lough Ree to Lough Derg, 36 m.; Lough Ree, 17 m.; Lough Ree to Lough Derg, 36 m.; Lough Ree, 17 m.; Lough Ree to Lough Derg, 85 m.; Lough Cert, Fatter of the shannon. In this respect, indeed, it is superior, with the bannon. In this respect, indeed, it is superior, with the bannon. In this respect, indeed, it is superior.

Kerry Head are about 8 m. apart.

But the distance to which it has been rendered navigable is the most extraordinary circumstance connected with the Shannon. In this respect, indeed, it is superior to the Thames, Severn, Trent, or any English river. If Lough Allen be (as it is considered by some) reckoned its source, it is navigable to its very head; but, tracing its origin to the base of Culicagh Mountain, there are only 6 or 7, out of its entire course of about 220 m., that may not be navigated! It is unnecessary to usist on the value of a river of this sort flowing through the very centre of Ireland, insulating the great province of Connaught, and "washing the shores" of 10 out of the 83 ccs. which the island occupies.

Unluckily, however, the navigation of the Shannon, like that of most other rivers not of very great depth, is, in certain places and at certain seasons, a good deal obstructed. It may be navigated, with no very serious difficulty, from the sea to Limerick by ships of 400 tons burden. But immediately above the city, and in some other places, its course is impeded by rocks and rapids, and large sums have been expended in improving those parts of the navigation, partly by making lateral cuts, and partly by deepening the bed of the river. The level of Lough Allen is about 144 ft. above high water-mark at Limerick, the ascent being in a great measure overcome by one double lock and twenty single locks, placed in those situations where lateral cuts have been made to avoid the rapids. These cuts are from 13 to 14 ft. wide at bottom, having the usual slopes, and are calculated for a depth of water varying from 4 to 7 ft. In ordinary seasons. Still, however, it must be admitted that, considering its paramount importance, the navigation of the Shannon is by no means in a satisfactory state. In dry seasons it is impeded by shallows, on which there are sometimes only from 2 to 3 ft. water; and during floods the channel of the river, owing to its frequently expanding into extensive lakes, and the lowness sometimes only from 2 to 3 ft. water; and during floods the channel of the river, owing to its frequently expanding into extensive lakes, and the lowness of its banks, is not easily discovered. Had it been an English river, these difficulties would have been overcome long ago; and the money expended upon it might, had it been properly and effectually applied, have sufficed to obviate them. But the works have not unfrequently been very unskilfully and insufficiently executed. It is now, however, under much better management; but it will require a considerable additional expenditure to put the works into proper order, and to ensure at all times, what is so very essential, a safe and easy navigation. The introduction of steam tugs and steam vessels on the loughs of the Shannon has been of infinite service; without them, indeed, it never could have been turned to smuch account. much account.

The Suck, the principal tributary of the Shannon, rises in Roscommon. Its course is S., inclining to the E., dividing the coa. of Roscommon and Galway, by Castlereagh, Athleague, and Ballinastor, till it unites with the Shannon receives the Inny, the Upper and Lower Broma. Mulkerna, Maig, Fergus, &c. The last two are navigable to a considerable distance.

The importance of the Shannon, as a commercial river, has been materially increased by its junction with the Grand and Royal Canals from Dublin. Though defective both in their plan and execution, and made at an immense expense, still it is not to be dealed that they are, particularly the Grand Canal, of great public utility. In connection with the Shannon, they have opened a communication by water acroes the island, so that persons living in its centre may send their produce, at a moderate expense, to Dublin or Limerick, as they find most advantageous. This laying open of new and almost boundless markets has given a stimulus to the improvement of the central parts of Ireland, of which it is not easy to overrate the influence, and which will, no doubt, be as permanent as it is powerful.

From its situation at the head of the astuary of the Shannon, in a country naturally of the most exuberant fertility, 70 m. from the sea, Limerick is the principal emporium of the W. of Ireland; and its commerce is both extensive and rapidly increasing. The value of the produce, such as corn, flour, bacon and pork, butter, beef, &c., shipped from the port in 1830, amounted to 525,626%; and in 1830, when prices were low, to 726,0004. In ordinary years it may now (1850) be taken at 1,000,0004.

The badness of the accommodation for shipping is, however, a heavy drawback upon the trade of Limerick. At low water ships are obliged to lie aground; and as the bottom consists of hard, rugged, limestone rock, vessels of considerable burden, and those that are sharp built, are liable to be seriously injured by

are snarp duin; are made to be seriously injured by grounding.

But, as already stated (see art. Limerick), measures are now in progress to obviate these inconveniences, by constructing a floating harbour in the bed of the river opposite the city. (Statistical Acc. of the British Empire 1 320)

river opposite the city. (Statistical Acc. of the Evision Empire, 1, 330.)
SHEENESS, a see-port and market-town of England, in the par. of Minster, lathe S. Cray, co. Kent, on a low tongue of land at the N.W. extremity of the Isle of Sheppy, at the confluence of the Thames and Medway, on the E. bank of the latter, 188, m. W.N.W. Canterbury, and 364 m. E. by S. London. Pop., inc. par., in 1841, 8,884. The town, which owes its rise to the formation of the naval dockyard, is divided into three parts, called respectively, Sheerness-proper, Blue-town, and ierbury, and 364 m. E. by S. London. Pop., inc. par. In 1841, 8,84. The town, which owes its rise to the formation of the naval dockyard, is divided into three parts, called respectively, Sheerness-proper, Blue-town, and Miletown, the drag two being enclosed by fortifications. During the last few years, also, and especially since the five of 1817, which destroyed shout 50 houses, the town has been much enlarged, as well as greatly improved, by the erection of good brick houses, and the formation of several new streets, well paved, and lighted with gas. The town was formerly very ill supplied with water; but at the beginning of the present century, a well was sunk by the Board of Ordanace to the depth of 360 ft., which supplies water, not only to the town and garrison, but to the shipping in the Medway. A pier with a causeway runs down from the town to low-water mark; and facing both the river and sea is a wharf of considerable extent. Several old ships of war, also, have been stationed on the shore as breakwaters; formerly they used to serve as dwellings for many of the poorer townspeople, but few of them are now inhabited. The par. church is at Minster, but a handsome district church has been erected in the Gothic style; and attached to the garrison is a chapel, the appointment to which is with the Hoard of Admiralty. The Haptists, independents, Wesleyan Methodists, Unitarians, and R. Catholics have their respective places of worship, and there is a Jews' synagogue. Sunday-achools are stached to the town church, and to several of the chapels: an infant school is attended by about 300 children; a proprietary school has upwards of 40 boys, and there is a small endowed charity-school. The trade of Sheerness arises chiefly from the dockyard, and other government establishments, though considerable shipments are made to Locdon of corn and seeds produced to the island, and of oysters from the adjoining systerbeds. Pyrites are collected from the crumbling cliffs for the coppersa works in the neighbourhood; and many o turday.
The dockyard, which covers an area of about 50 acres,

of the basin in front of the mast-house, is 100, and that on the river front 60 ft. in width, lined on both sides with granite. Numerous convicts are employed in the dockyard and on the hulks, chiefy in the improvement and repairs of the former.

Sheerness, which so late as the time of the Commonwealth was a mere swamp, was fixed upon after the Restoration as an important position for a ortress. The works, however, were still incomplete when the Dutch, under De Ruyter, in 1667, took and destroyed the fortress and the shipping. (Sec Chatham.) The fortifications were afterwards constructed on a larger scale; numerous batteries of heavy artillery were planted on both banks of the river. The dockyard was begun early in the last century. The mutiny of the feet at the Nore, in 1798, threatened the town and dockyard with destruction, which, however, was happily averted. (Encyc. Brit., new ed., art. Dockyards; Hasted's Kent, &c.)

SHEFFIELD, a parl. hor., market-town, and par. of England, cap. of the district of Hallamshire, W. Riding, co. York, upper div. of wap. Strafforth and Tickhill, at the confluence of the Don and Sheaf, the former of which is crossed by three and the latter by two bridges, 99 m. S. Leeds, and 140 m. N. by W. London. Area of parl. bor. and par., which are co-extensive, 22,830 acres: pop. of par., in 1801, 45,755, in 1831, 91,692, and in 1841, 11,001. Pop. of Shefield township in 1831, 89,011; in 1841, 89,188. The town, originally confined to the slope of a hill rising S.E. from the Don, is now nearly 2 m. in length by 1 m. in breadth, and occupies the bottom and sides of several low hills, rising in various directions both from the Don and Sheaf, the whole being well-paved and flagged, lighted with gas, and abundantly supplied with water. The older streets are steep, narrow, and singularly Irregular; but the more modern streets are wide and straight, lined with good brick houses, and many of the shops are but little inferior to those of the metropolis. The smoke, however, proceeding from the num noble Gothic structure, about 200 it. In sength by acoustic breath, and from its centre rises a tower surmounted by a lofty spire, of handsome proportions: the part now used for divine service, which excludes the ancient chancel, was rebuilt in 1800, and is fitted up in a solid and handsome manner, with accommodation for upwards of 2,000 persons: in the chancel are some curious old monuments, and a fine bust of the late vicar by Chantrey. St. Paul'a, in Norfolk Street (erected by subscription in 1730), is a rather heavy Greek structure, with a tower surmounted by a dome, and a cupola of cast-iron. St. James's, near the par. church, also of Grecian architecture though small, is well arranged, and at the E. end is a fine stained glass window, representing the erucifixion. St. George's, on an eminence, at the W. extremity of the town, erected, in 1824, at an expense of 18,1304, chiefly defrayed by the parl. commissioners, is in the later English style, and has a lofty square embattled tower, crowned with pinnacles. St. Philip's,

enclosed by a substantial brick wall, has been greatly extended and improved during the last 25 years, at an expense of above 1,000,000. sterling. It has every convenience for the building, repair, and fitting out of ships. It has seen years and string of accommodating 10 sall of the line, and in which they may take on board their stores, ammunition, and he, in all respects, equipped ready for sea. Three dry docks, each suitable for the accommodation of a line-of-battle ship, have been constructed on the B. side of the basin, and open into it. It has also rery extensive storehouses, with mast-houses, mast ponds, and silp, amithery, and artificers' workshops of verry description; with handsome residences for the commissioners, port-admiral, and other officers of the establishment. The principal offices of the ordance department were, a few years since, removed to Chatham, and the area formerly occupied by them has been added to the dockyard. The wharf wall, on the S. side of the basin in front of the mast-house, is 100, and that on the river front 60 ft. in width, lined on both sides with granite. Numerous convicts are employed in the dockyard and on the hulks, chiefly in the improvement and repairs of the former.

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leyan body have established a proprietary school, in which 300 boys are boarded and liberally educated, partly with the view of providing for the better elementary instruction of the future ministers of that denomination. Among the many charities belonging to the par. of Sheffield, the principal is Lord Shrewsbury's Hospital, for 39 men and the same number of women: the buildings, which have been erected on a new site, consist of a centre and wings, in the later English style. Hellis's Hospital, a similar establishment founded in 1703, is endowed with funds for the support of 16 widows of cutters, and a small charity-school. There are numerous minor charities, apprentice-funds, &c. in the town, and each out-township has its separate charities. (See Obser. Com. 17th and 33d Reports.)

The general infarmary, which stands about 1 m. Nfrom the town, is a handsome stone building, with senicircular wings and a central portice, its interior comprising many large and airy wards, with accommedation for about 200 in-patients. Adjoining, but distinct from the infirmary, is a large building, containing fever wards. The medical and domestic arrangements are complete; and, on the ghole, it is one of the best regulated provincial hospitals in the kingdom. It was opened in 1979, having cost above 20,0007, raised by subscription. Sheffield has, also, a general dispensary, with lying-in charities, Dorcas societies, provident institutions, a large auxiliary Bible society, and various religious associations connected both with the established charrer is and the several bodies of dissenters. A theatre was built in 1762, with attached assembly-rooms; and there is a handsome music-hall, in which concerts are frequently given.

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A public subscription library in the music-hall is supported by 300 subscribers; the library attached to the mechanics' institute contains about 3,000 vols.; the literary and philosophical seciety (established in 1822) has a good collection of minerals, fossils, plants, &c. with apparatus for experiments; and the botanical society has a garden comprising 13 acres, tastefully laid out, and a glass conservatory, 300 ft. in length, filled witherare exotic plants. There are likewise two well-supported news-rooms, one of which, in High Street, has a handsome frontage, and a lofty elegant saloon. The chief commercial buildings are the post-office, excise-office, and assay-office, erected in 1773, soon after the rise of the silver-plating trade. Sheffield has also a savings' bank, 4 joint-stock banking companies; and 4 weekly newspapers.

Little is known of the early history of Sheffield, or of the origin of that business for which it is now so famous. But it had attained to eminence in the making of knives so early as the 13th century; for Chaucer, contemporary with Edward III., mentious, in his Reer's 7sele, the Sheffield "thwytel," or whittle, in such a way as shows it was then in common use. It does not appear ever to have lost the reputation for cutlery it had thus early acquired. In 1876 the Earl of Shrewabury, lord of the manor of Sheffield, sent to his friend Lord Bur-

leigh "a case of Hallamshirs whittels, beings such fruites as his pore cuntrey affordeth with fame throughmutter realme." (Metal Manufactures, Cabinet Cyclop.,
ii. 5.) In 1634, a corporation was formed for the "good order and government of the makers of knives, sciasors, shears, sickles, and other cutlery-waves in Hallamshire," the government being vested in a master, 2 wardens, 6 searchers, and 2d assistants, consisting of freemen only. The principal object in the formation of this corporation seems to have been the regulation of the marks or other devices which every individual was to strike or impress on the goods he made for sale. But these regulations can hardly be said to be any longer in operation.

The corporation continued on the footing fixed in 1634, till 1814, when an act was passed, permitting all persons indiscriminately, without their being freemen, or having served an apprenticeship, or obtained a mark from the corporation for their goods, to carry on business anywhere within the district of Hallamshire. This liberal and judicious measure has been of great service to the town, by inducing men of talent and enterprise, from all parts of the country, to settle in it, where their competition and industry have had the best effects.

For several century, to settle in it, where their competition and industry have had the best effects.

For several centuries the manufactures of Sheffield were confined almost entirely to the making of sheath-haires, catesors, acticles, and acythes. About the beginning of the 17th century, a common tobacco-box and the Jew's harp were added to the list of manufactured writeles; but it was not till about forty years after that the manufactures of clasp-haires, ranors, and flee, for which it is now so famous, was introduced. It has been remarked, that for about a century after this period the manufacture of plated trade with the Continent. The manufacture of plated goods was soon after commenced; and from that period down to the present time, Sheffield are mede an astonis

wrance than of enterprise or ingenuity in the conduct of their business. About 1750 they began, for the first time, to carry on a direct trade with the Continent. The manufacture of plated goods was soon after commenced; and from that period down to the present time, Sheffield has made an astonishing progress in the career of industry; and in many branches of the hardware manufacture has no superior, and in some no rival. (Rees's Cyclop.)

Like Birmingham, Sheffield was most probably indebted to her altuation for her early application to the hardware business. Coal and from are found in her immediate vicinity. And some idea of the advantage thems derived by the town may be deduced from the fact that, in 1836, the consumption of coal in Sheffield was estimated at 515,000 tons; and that it is now (1850) supposed to exceed 600,000 tons. The Don, on which she is built, and 4 smaller rivers which flow into the Don near the town, supply her with power to work mills for forging, cutting, and preparing the iron and steel used in her manufactures; and in this respect she has an advantage over Birmingham. The river was made navigable to within about 3 m. of the town so early as 1751; and a lateral canal has since prolonged the navigation to the town. Cuttery, as it was the earliest, so it is still the largest and most important branch of industry. The principal articles are table-knives and forks, pen and pocket-knives of every variety and description, scissors, rasors, surgical, mathematical, and optical instruments, scythes, stakes, saws, with all sorts of carpenters' tools, and so forth. The meet beautiful and highly finished articles of cuttery as it was the earliest, so it is still the largest and the cuttery of this town is deservedly held in the highest estimation in all parts of the world.

With the exception of plated goods made at Sheffield, and the cuttery of this town is deservedly held in the highest estimation in all parts of the world. With the exception of plated goods made at Sheffield, including with it

Sheffield. Files are used in immense quantities at home, and are largely exported. Any one who has ever seen the process of file-cutting would be likely to conclude that it was an operation which might be successfully performed by machinery, and a great variety of contrivances have been set on foot in that view. Hitherto, however, none of them has completely succeeded; so that the best files continue now, as heretofore, to be cut by the hand. by the hand.

that the best files continue now, as heretofore, to be cut by the hand.

Few comparatively of the Sheffleld manufacturers have large capifals, and the business is not so generally carried on in workshops and factories as at Birmingham. A person worth a few shillings may commence business on his own account as a cutler; and in this class, individuals are not unfrequently journeymen one year and masters another, and conversely.

In 1833 some of the staple trades carried on in the town and the individuals engaged in them were specified as follows:—Table-knives and forks, 3,689 hands; pen and pocket knives, 2,680; razors, 754; scissors, 600; els., 1,768; saws, 563; edge-tools, 703; stove-grates, fenders, &c., 1,530; white metal, 643; silver-plated goods, 500; making in all 12,430. (Report on Manufacture, &c. 1833, Miss. of Evidence, p. 175.) But the hands engaged in the conversion of iron into steel, and in several other important trades, are not included in this specification. Wages in Sheffled vary at present (1850) from about 12x. to 40x. a week. The labour in some departments is very severe, and in others great skill is required. Grinders, particularly those who do not use water in their operation, inhale the finer particles of stone and steel, and are usually short-lived. Many efforts have been made to obviate this, as well as to leasen the risk of accidents in the grinding mills; but the employment continues to be more than usually untelegible and angenus as much skill is required in lessen the risk of accidents in the griming mine; our the employment continues to be more than usually un-healthy and dangerous; and as much skill is required in grinding the finer descriptions of knives and rasors, wages, being influenced by both circumstances, are ge-nerally high.

It was stated before the British Association that there

nerally high.

It was stated before the British Association that there are in Sheffield 56 workmen's clube (most of which are unious), and their aggregate revenues may probably amount to 80,000%. a year, divisible among about 9,000 members. Many hands are employed in grinding spectacle glasses, most of which, indeed, come from Sheffield. The show-rooms and manufactories of the leading houses are freely opened to all respectable strangers, and afford abundant proofs of the ingenuity that has raised the town to its present importance. The workmen of Sheffield have been accused of a tendency to riot and insubordination; and no doubt several destructive riots have taken place during the present century, which have have taken place during the present century, which have required the interference of the military for their suprequired the interference of the military for their sup-pression; but these have mostly originated in extreme distress, or in some temporary and accidental cause, and speaking generally, the inhabitants are distinguished by their orderly, good conduct. None of them live in cel-lars, like the poorer ranks in Liverpool and Manchester, but each family occupies its own house. The work-pople are, in this respect, much better off than those in most other large manufacturing towns, and their houses are also furnished with better and more costly articles than are usually met with in the dwellings of the same class. This favourable peculiarity is the more remark-able from there being in the town itself many old, crowded, and filty localities. Sheffield enjoys the ad-vantage of a direct caust communication, eastward to vantage of a direct canal communication, eastward vantage of a direct canal communication, eastward to Hull, and by a very circuitous route westward to Manchester, Liverpool, &c. The Don was made navigable to Tinsley in 1751. A canal was subsequently cut for the transmission of heavy goods, and the canal-basin of Sheffield is accessible to vessels of 60 tons. More recently Sheffield has been united by railways with all parts of the kingdom. The lines by which she is connected with Great Grimsby on the one hand, and with Manchester and Liverpool on the other, afford peculiar facilities to her import and export trade.

This important manufacturine town had no voice in

facilities to her import and export trade.

This important manufacturing town had no voice in
the legislature till the Reform Act, by which the parish
was created a parl. bor., with the privilege of sending 2
mems. to the H. of C. Registered electors, in 1849-50,
4,918. The lighting and watching is conducted by the
relies commenced to the results of the relies of 4,518. The lighting and watching is conducted by the police commissioners under the authority of a local act. There was no proper municipal corporation till 1843, when the bor. was incorporated by charter, dated the 24th August of that year. It is now governed by a mayor, 14 aldermen, and 42 councillors. Corp. rev. in 1848-49, 6,3711. Sheffield is also one of the polling-places at elections for the W. Riding; and the seat of a county court, before which no fewer than 9,190 plaints were entered in 1848. The police, regulated similarly to that of Manchester, Liverpool, &c., is very effective. The par. of Sheffield constitutes, with its out-townships, a poor-law union, the expenditure of which, for pauper maintenance, amounted, in 1848-49, to 37, 221. Markets on Tuesdays and Saturdays: fairs, Trinity-Tuesday for horses and cattle, and on Nov. 28, for cheese,

Sheffield is of great antiquity, and there can be but little doubt that close to or near it there was once a considerable flowns at attorn. A town existed here under the Saxons; and in the reigns of the Plantagenets it was considered of sufficient importance to be defended by a strong castle. Mary Queen of Scots was confined for nearly it years in the Manor, a country seat near the town, belonging to the Earl of Shrewsbury, the owner, also, of the castle. The latter was selzed in the civil wars the Sir John Gell, one of the parliamentary generals, and was demolished, by order of parliament, in 1646, there being non no mains except of the contractions. He was the being non no mains except of the contractions of the British of Hullansshire; Statistical Accounts of the British Empire; Private Information.)

SHEPTON-MALLET, a market-town and par. of England, co. Somerset, hund. Whitstone, on a branch of the Brue, surrounded by several small hills, about 5 m. E.S.E. Wells. Area of par, 3,770 acres. Pop., in 1841, 5,285. The town, which comprises a number of narrow streets and lanes, has been much improved of late years, by the construction of a new bridge, and the opening of new roads, &c.; near its centre is a curious market-cross, erected in 1500. The church, in the early English style, is a spacious cruciform structure, with a tower and spire at the W. end. The living is a rectory, in the gift alternately of the crown and fir. Wickham: its greas value is \$20.4 ayear; but the curate's salary of 150M, and other demands, reduce the next income to 53M. (Ecc. Rev. Rep.) Here is the county bridewell, a large and conspicuous selfice; and here. also, petty sessions are held. There are places of the corner of a surface of the surf

SHIELDS (SOUTH).

for girls, national and Lancastrian schools, &c.; and t. par. authorities have the privilege of keeping three boys at Christ's Hospital, London, on the produce of lands left for the purpose in 1670. (Chartiy Comunications) in the immediate neighbourhood is Sherborne Castle, Thirtieth Report, pp. 104—132.)

In the immediate neighbourhood is Sherborne Castle, the seat of Earl Digby, built by Sir W. Raleigh. The mansion is in the form of the letter H; the body, 4 stories in height, having hexangular towers at the 4 angles, which are united with as many wings. It has some antique tapestry, and fine paintings. The park comprass 340 acres, and some of the finest oaks in the co. A bridge of 3 arches over the Ivel leads to the house. Pope was a frequent visiter at Sherborne Castle; and on a monument in the church is inscribed his beautiful epitaph in memory of his young friends, the Hon. Robert Digby and his sister Mary.

Sherborne has some silk and woollen fabrics; but these, as well as other branches of industry formerly carried on in the town, have greatly decayed. It is within the jurisdiction of the county magistrates. Assignes were regularly held here till the reign of Edw. IV., but have since been only occasional. General quarter sessions are held here on the Tuesday after Easter. Though not a modern parl. bor., Sherborne sent mems. to the H. of C. in the reign of Rdw. III. Market-days, Tuesday, Thursday, and Saturday; fairs, May 22., July 18. and 26. (usually), and Oct. 14. chiefly for cattle and pedlery.

SHETLAND ISLANDS. See Oreney podlery.
SHETLAND ISLANDS. See ORENEY AND SHET-

and 26. (usually), and Oct. 14., chiefly for cattle and pediery.

SHETLAND ISLANDS. See ORENEY AND SHETLAND.

SHIELDS (NORTH). See TYNEMOUTE.

SHIELDS (SOUTH), a parl. bor., market-town, sea-port, and township of England, co. Durham, E. div. of Chester ward, par. Jarrow, on the 8. bank of the Tyne, near its mouth, and directly opposite North Shielsh, about 8 m. below Newcastle, and 16 m. N.N.E. Durham, Area of parl. bor., 1,760 acres. Pop., in 1841, 22,072. This, and its sister town on the opposite bank of the river, may be regarded, in some measure, as the out-ports of Newcastle, their pop. and importance having grown up with the increasing magnitude of the coal trade and commerce of the latter. Its lower part consists principally of a narrow, crooked, and inconvenient street, extending for nearly 2 m. along the river; but the streets in the upper part of the town are wider and better built, and lighted with gas. The principal edifices and institutions are the town-hail, also used as an exchange, a neat building in the certire of a spacious market-place; a theatre, a scientific and mechanics' institution, charity-school, dispensary, and the various places of worship. The church, dedicated to 8t. Hilds, is of considerable antiquity, but has been frequently repaired and modernised. The living is a curacy, in the gift of the dean and chapter of Durham, worth 330t. a year nett. There are chapels for various dissenting sects, to most of which are attached Sunday, schools, and various charities, and benevolent societies. In the town-hall petty sessions are held twice a month, besides courts leet and baron by the dean and chapter of Durham, as lords of the manor. Although the appearance of South Shields has little to recommend it, and its buildings are far from imposing, ett is a place of much importance. The river Tyne is here about two-thirds the width of the Thames below London Bridge; and the vessels which belong to or rendexous at N. and S. Shields are disposed in tiers on each side, as in the port of London. Th

681 Medicators; thir, last Weed, in April and first in May, last in Oct. and first in Nov.

871 RAZ. the second city of Persia, prov. Fars, or Persia Proper, formerly the case, of the empire, in a valley 110 m. Nr. B. Bushirs, and 230 m. S. S. K. Ispahan; is 12. 29'25 N., long, 55'2 M. E. Pop., variously estimated at between 20,000 and 40,000. Shiras has always been estiebween 20,000 and 40,000. Shiras has always been estiebween 20,000 and 40,000. Shiras has always been colon, which has been warmly eulogised by the poet Hafs, a native of the city. It is surrounded by garden, and had ill listly, an imposing aspect from a distance; but this is said to be no longer the case, its somes and marest having been levelled with the ground by the earthquake of 1824. Morier makes Shiras searly 4 m. in circ., but says that 1-36 part of its build-ness and minarest having been levelled with the ground by the earthquake of 1824. Morier makes Shiras searly 4 m. in circ., but says that 1-36 part of its build-ness and maked with 2 towers. "On emtering the jury, the house, which are in general small, together if the narrow filthy streets, give the stranger but as eash idea of the second city of the empire. The great saar, or market-place, built by Kerrim Khan, forms, werer, a distinguished exception to this general repart. It is south 4 m. In length, made of yellow burnt leaf, and arched at the top, having numerous skylights, the the total case and windows always admit smills. May, last in Oct. and first in Nov.

SHIRAZ, the second city of Persia, prov. Fars, or Persia Proper, formerly the casp. of the empire, in a valley 115 m. N.E. Bushire, and 220 m. S.S.E. Ispahan: las. 29'58' N., long. 59'4' E. Pop., variously estimated at between 20,000 and 40,000. Shiras has always been celebrated for the beauty and fertility of its neighbourhood, which has been warmly eulogised by the poet Hafs, a native of the city. It is surrounded by gardens, and had, till lately, an imposing aspect from a distance; but this is said to be no longer the case, its domes and minarets having been levelled with the ground by the earthquake of 1824. Morier makes Shiras nearly 4 m. in circ., but says that 1-3d part of its buildings to the S.E. are in ruins. It is surrounded with pretty high walls, fashed with round beations, and has 6 gates, each fanked with 2 towers. "On entering the city, the house, which are in general small, together with the narrow filthy streets, give the stranger but a mean idea of the second city of the empire. The great hexar, or market-place, built by Kerim Kham, forms, howerer, a distinguished exception to this general remark. It is about \(\text{in m} \) length, made of yellow burnt brick, and arched at the top, having numerous skylights, which, with its doors and windows, always admit sufficient light and sir, whilst the sun and rain are completely of Far resides, is a fortified square of 50 yards. The royal palace within is far from being an elegant structure; and some pillars, its greatest ornament, were re-

excluded. The ark, or citadel, in which the negrer neg of Fars resides, is a fortified square of 80 yards. The royal palses within is far from being an elegant structure; and some pillars, its greatest ornament, were removed by Aga Mahomed Khan, to adorn his palace at Teheran." (Kinsacir's Persion Empire, 62, 63.)

Shiras seems to be rapidly hastening to decay; and most of its public structures, once very numerous, are already in a rained or neglected state. The principal mosque is a very large edifice, having been the palace of trabeg Shah, its founder. When visited by Morier, it and 15 considerable mosques, bedden many others of lerior note, il medirescha, or colleges, 14 basaars, 3 caravanserais, and 36 hammsuma, or baths, &c. The rincipal college has upwards of 100 rooms; but it, well as most of the others, is now nearly abandoned students. Within the walls of the city are numerous ussulman tombs. The climate was formerly distinished for salbrity, but it has been materially changed the worse in this respect since last earthquake. The the worse in this respect since last earthquake. The tof summer is excessive, rising sometimes to 110° Fahr. the shade. (Morier, ii. 87—118.) The water of Shiras, ing to the neglect of the city authorities, is also very

bout a m. from the town is the tomb of Hafis, the icreon of Persia. It stands within a quadrangular osure, and consists of a block of marble, on which bout a m. from the town is the tomb of Hafis, the screen of Persia. It stands within a quadrangular soure, and consists of a block of marble, on which of the poet's edes are sculptured, with the date of leath. His works are not, as has been stated, chained to tomb, but a copy of them is kept in an adjacent inter. Adjoining are the stream of Rocknabad, and ower of Mossella, so celebrated in the verses of the; the former consisting merely of a small brook of water, not more than 2 ft. wide; while of the bower shrub remains, and its site is only marked by the of an ancient tower. The celebrated garden of Nama, near the tomb of Hafis, is a wailed enclobout 300 yards square, laid out in walks bordered typress trees, and watered by a variety of marble and artificial cascades. This, and many other is in the neighbourhood, are ordinary places of where the citisens chait, smoke, and drink coffee, mb of the poet Saadi is also in the vicinity of Shira, irlous conventual buildings for dervishes, &c. it is celebrated for its wine. The principal vinere situated at the foot of the mountains to the f the town, where the soil is rocky, and the externmely favourable. It would appear, however, culture of the vine has degenerated; and whatly have been the case formerly, little care is now the preparation of the wine, It is of very valifies; but the best of the white varieties in "erior to good Madeira, and the best varieties in "erior to good Madeira, and the best varieties in "erior to good Madeira, and the best varieties in "erior to good Madeira, and the best varieties in "erior to good Madeira, and the praises that have shed upon them. (Hendernos on Wines, 365.) unce of wine may amount, in all to from 80,000 galls. of which from 10,000 to 15,000 galls. may ed to Inclia, Bagdad, Bussorah, &c. The comhec city is still rather extensive; it is principally ire, Yezd, Ispahan, and the cities in the N.W. From Bushire, the chief imports are spices, and Inclian goods of all kinds, iron, lead, quickswares, woollen clothe, muslins, linen

io have risen on the decay of Oid Shoreham, now an insignificant village about 1 m. distant, but formerly a place of some importance. The town is built in a singular manner; and near its centre is the market-house, supported on Doric piliars. The parish church is the remaining portion of a large cross church, of which nearly all the nave has been destroyed; it has various portions of fine late Norman gradually running into early Ragilah forns and details. (Rickmen's Gothic Architecture, p. 248.) The interior is remarkable for elegance and richness. The living is a vicarage, worth 1371. a year, in the gift of Magdalen College, Oxford. Here are meeting-houses for Independents and Wesleyans; a national school, &c.

The town stands on the line of the Brighton and Chichester railway. The tumplike road is crossed by a suspension-bridge, built by the Duke of Norfolk, over the Adur. Shoreham has only a tide-harbour, but it is the best on this part of the coast; and having 18 ft. water as pering-tides, it is sometimes frequented by ships of considerable burden. Ship-building is the principal business, and vessels of 700 tons have been built here. It has, also, a considerable general trade, the gross customs' revenue collected here in 1849 having amounted to 19,4471. It is governed by two constables, chosen annually at the court-leef of the lord of the manor. It was a bor. by prescription, and sent 2 mems. to the H. of C. from 1298 down to 1771, when the electors, having been convected of gross corruption, the rape of Bramber was incorporated with the bor. Pop. of part district in 1841, 37,990. Reg. electors, in 1849-50, 866. Market on Saturdays.

Saturdays.

Saturdays.

SHREWSBURY, a parl. and mun. bor. and markettwn of England, co. Salop, of which it is the cap.;
nearly in the centre of the co., in a peninsula formed
by the Severn, on two gentle declivities, 50 m. S. by E.
Liverpool, 138 m. N. W. London. Pop., in 1841, 17,688.
It is chiefly separated from the river by garden and
mesdow ground, skirted by a range of genteel houses,
and its exterior appearance is from many points striking
and majestic. The streets, as in most ancient towns,
are irregular, and many of the houses have an antique
appearance, presenting gables and overhanding stories to appearance, presenting gables and overhanging stori appearance, presenting gables and overbanging stories to the road; but various improvements have been made of late years in the thoroughfares, especially in lighting, flagging, &c. The river is here crossed by two bandsome stone bridges, built by subscription, called respectively the English and Welsh bridges; the former, completed in 1774, at a cost of 16,0004, is 410 ft. in length, and con-sists of seven semicircular arches; the other, or Welsh bridge, finished in 1795, at a cost of 8,0004, is 366 ft. in leaveth, and has five arches. Addoings the latter is a length, and has five arches. Adjoining the latter is a quay and warehouses.

length, and has five arches. Adjoining the latter is a cany and warehouses.

Among the chief public buildings are the royal free grammar school (see below); the town and co. hall, from a design by Sir R. Smirke, cost 12,000£; it is a handsome building, and affords excellent accommodation for the assise business; the market-house, built in the reign of Elizabeth, and unequalled in point of ornamental decoration by any similar structure in the kingdom; a spacious and olegant music hall, with news rooms, &c.; the co. gool and bridewell for the town, near the castle, built on Howard's plan in 1793, at an expense of 30,000£; the Doric column, at the entrance to the town from London, in honour of Lord Hill; 116£. in height, surmounted by a subscription; a neat infirmary, 170 ft. in length (established in 1745), and rebuilt in 1830 at a cost of 18,736£; the house of industry, on the S. bank of the Severn, for the poor of the six parishes of Shrewsbury, finished for a foundling hospital in 1765, cost 12,000£; the theatre, rebuilt in 1834, on the site of the royal residence of the princes of Powysland; a butter and choese hall in Castleforegate, and a new savings' bank.

Shrewsbury has nine churches, most of which are embellished with rare and beautiful specimens of stained

The new church of St. Chad is a has

shae. The new church of St. Chad is a bandsome modern structure, formed by the intersection of two circles, with a tower and portico attached; the smaller of the circles being occupied by a grand staircase, and the larger one, in diameter, being the body, chancel, &c. of the building. St. Mary't, a cross church, of Norman and early Englain architecture, has a specious chancel and chantry chapels, and a fine tower surmounted by a spire, one of the lottiest in the kingdom. The abbey church, the W. portion of a Benedictine monatery, founded by Roger de Montgomery, first earl of Shrewabury, in 1683, displays many curious features of Norman architecture, combined with the earlier pointed style: the great W. window of the tower is only equalled by that of York exthedral: the slade contain several fine old monuments, and opposite the S. entrance is an elegant octagonal stone pulpit: the interior forms a beautiful oriei, the roof being vaulted on eight delicate ribs: it formerly stood in the refectory. St. Gilles's is a small but handsome edifice, built in the early part of the 12th century. St. Alkmund's was rebuilt in 1759, in the modern Gothic style, with the exception of the tower and spire, 184 ft. in height, which are singularly elegant. St. Julian's is a plain oblong building of brick, rebuilt in 1799: the tower belonged to the old church. St. George's, St. Michael's, and Trinity churches, have been erected during he last 10 years. The first is of freestone, and cruciform, in the lancet, or early pointed style. The two latter are of brick, in the Doric style, affording ample accommodation in free-altitings. Some of the parishes extend into detached parts of the adjacent country, where there are four chaples of ease belonging to St. Mary's, and one to St. Chad's. Besides the churches, there are places of worship for Roman Catholics, Wealeyan Methodists, Independents, Baptists, and Unitarians, with attached Sunday-schools; and a meeting-house for the School, broaded Sunday-schools; and some sunday of the feet part titions for prises, exhibitions, and other honours, at the universities, the sons of the gentry have been sent here from all parts of the kingdom, and the establishment has, for many years past, comprised, independently of the free scholars (who must be sons of burgesses), many pupils paying handsome sums to the masters for board, lodging, and instruction: in fact, few public schools in England are superior to that of Shrewsbury. The school-house, erected in 1620, on the site of a more ancient wooden building, is a lofty structure of freestone, forming two sides of a court, the third side of which is formed by the library and chapel: a court is entered by a gateway, having columns on each side, with a Greek inscription over the arch. Two large houses belonging to the masters, contiguous to the schools, comprise every accommodation for housders; and there are large play-grounds in front and at the back of the schools.

The town has 4 weekly newspapers; a literary and philosophical society; a mechanica' institute, and a public library with nearly 6,000 vols.; the assembly-roome and theatre are well attended during winter; and races are annually held in the neighbourhood. On the S. wide of the town is one of the most celebrated promeanades in the kingdom, called the Quarry. It is formed in measlow ground gradually sloping to the river, along which extends a graceful avenue of lofty lime trees, 540 yards

census a gracenu avenue or toty lime trees, 549 yards in length.

Shrewabury was formerly of considerable importance as a mart for finnels from Welshpool, Newtown, &c.; bet this branch of trade is nearly extinct. It has, however, a large factory for spinning flax, with some smaller factories, and a large fron foundry, the whole furnishing employment to several hundred persons. The prosperity of the town, however, does not depend solely on its trade, as it is a favourite place of resort for persons of small income, or who have retired from business. The Severn, which even here is celebrated for its salmon, is navigable as far as Shrewnbury by vessels of from 30 to 60 tons, and a canal to Wombridge opens a communication with the ceal districts of Staffbrdabire. (Mass. and Part. Bossad. Res.) The banking establishments of Shrewsbury comprise various private banks and joint-stock banking companies, and provided the considerable extent.

Shrewsbury, which has received many royal charters,

barley country, the malting business is carried on to a considerable extent.

Shrewabury, which has received many royal cherters, especially from Bichard I. and Charles I., is divided into 5 wards, and is governed by a mayor and 5 other aldermen, with 30 councillors. Corp. reveaus, in 1847-8, 2,534. Quarter and petty sessions for the bor. are held here under a recorder, and there is a county court, before which 1,134 plaints were entered in 1848. The Leest and summer assises are held here, as well as the quarter-sessions for the co. Shrewsbury has sent 2 means to the H. of C. since the reign of Edward I., the right of election down to the Reform Act being in burgesses naying scot and lot, and not receiving alms or charity. The electoral limits were enlarged by the Boundary Act, so as to include I entire par., and parts of 3 others, with the whole bor. Reg. electors, in 1849-50, 1,412. Markets on Wednesday and Saturday: tairs on the second Tuesday and Wednesday in each month, for cattle, horses, cheese, and bottor.

and Wedseeday in each month, for cattle, horses, cheese, and butter.

Shrewsbury is supposed to have been built after the Roman station Uricousism had been destroyed in the fith Roman station Uricousism had been destroyed in the fith century. William the Conqueror gave the town and surrounding country to Roger de Montgomery, one of his followers, who built here a strong barrollal castle, the heep of which still remains, being converted into a modern dwelling-house. In 1102 the castle and property were forfeited to the crown. Shrewsbury, from its situation close to Wales, was the scene of many border frays between the Welsh and English; and, in 127, Edward I. had his quarters here. On the 21st of July, 1403, a desperate battle was fought near the town, between the royal army, commanded by Henry IV., and that of the rebel Earl of Northumberland, under the command of the famous Lord Percy, surnamed Hotspur: the death of the latter, by an unknown hand, declied the victory in the king's favour: the loss on both sides was immense. During the wars of the Roses, Edw. IV., after the defeat and death of his father, Richard Dulke of York, raised an army among the townspeople, with which he defeated the opposite faction at Mortimer's Cross. In the war between Charles I. and the parliament, the inhabs. warmly espoused the cause of the former; but in 1664 the town yielded to the parliamentary troops under Col. Mitton, and the fortifications were destroyed. Dr. Taylor, the learned editor of "Demosthengs," and the author of "Elements of the Civil Law," was the som of a barber of this town, where he first saw the light in 1703. It was, also, the birthplace of Dr. Burney, the author of the "General Histery of Music." The surreunding country is picturesque and highly cultivated, the plain extending every way for about 13 m., beyond which are lofty ranges of hils.

he first saw the light in 1703. It was, also, the bistherplace of Dr. Burney, the author of the "General Histery of Music." The surreunding country is picturesque and highly cultivated, the plain extending every way for about 13 m., beyond which are lofty ranges of hills. About 22 m. from the tewn is Boscobel House, where the Penderell family concealed Charles II. after his defeat at the battle of Worcester. (For further particulars the reader is referred to Ouers & Blakeway's History of Shreundary: Philocom's Memorials of Shreundary: Philocom's Memorials of Shreundary: Philocom's Memorials of Shreundary: SHUDLA (the an. Mercianopolis?), a city and strong military position of Turkey in Europe, being, in fact, one of the keys of Constantinople, on the N. declivity of the Balkhan (an. Moss Hauses), on the great read from Constantinople to Rustchuk, 65 m. S.E. the latter; and 290 N.N.W. the former. Pop., according to Boos, 20,000. In a military point of view, Shumla is to be regarded as a vest entrenched camp. It occupies the declivity of a gorge in the mountains, which incloses it on three sides, like a horse-shoe; and on the fourth side, which descends into the plain, it is protected by a small hill, on which is a strong redoubt. The space occupies

by the town is about 3 m. in length, by 2 m. in breadth. In the last century it had pretty strong walls; but these have been all but destroyed, and it is now merely surrounded by a ditch. It is, however, defended by some outworks and by a citadel, which has been greatly enlarged and strengthened since 1836. Its real defence consists, however, in the strength of its position: the plain to the N. of the town, on which the attacking army must succent, is exceedingly unbealthy; and the surrounding mountains being steep, separated by deep rocky ravines, and covered with thick brushwood, which affords excellent cover for troops, Major Keppel, and other military suthortites, appear to think that, if well defended, it would be all but impregnable. The Russians attempted to take Shumia in 1774, 1810, and, lastly, in 1828; but they failed on every occasion. Its principal defect, in a military point of view, is the great number of troops required to take Shumia is interesceed by a rivuled, and is divided into the upper and lower towns. The former is principally inhabited by Turks; it has fine new barracks, numerous meaques, covered with tin and copper, and which is unique in Turkey, a town clock which strikes the hours, with a bell, &c., introduced by a pacha, who had been in Russia. The lower town, in which the Jews and Christians reside, is unhealthy, from, as is said, the influence of the adjacent marshes, but more probably from the fifth of all sorts thrown into the rivulet which flows through the town. The timmer and braziers of Shumia are the best in Turkey, and supply Constantinople with their wares. It has also some nanufactures of silk and leather; and ready-made clothes are manufactured in large quantities for sale to the merchastics of the capital. It is the residence of a pacha and a Greek archibishop. (See Keppel's Jouwey across the Bukkhen, &c., 1 351. &c.; Bows, Turgusted Eugens, 2356, &c.). SHUSTER, a city of Persia, prov. Khusistan, on the Karoon for persenting the an. Suss. • Lat. 239 N., long. 480° 55 E existed prior to the Sassanian dynasty (Rawlinson); but on the opposite bank of the Karoon there are numerous chambers excavated in the rock, and N. of the city walls

on the opposite bank of the Karoon there are numerous chambers excavated in the rock, and N. of the city walls are the traces of a much more ancient town, which appears to have extended on both banks of the river, being in this respect different from the anc. Susa. (Chesney, Rawilnson, &c. in Geog. Journ., iii. and ix.) The lohabs formerly manufactured large quantities of woollen stuffs, which they exported to Bussorah, in return for Indian commodities brought from thence. (Kiesseries Pers. Empire, p. 97.)

81AM (called by the Birmese Yoodrs or Yathis), an extensive country of India-beyond-the-Brahnsputra, comprising, with its dependent states, most of the central and 8, parts of that peninsula; extending between the 6th and 90th degs. of lat., and the 98th and 100th of R. long.; having N. the Laos country, R. the emp. of Anam, W. the Birmese emp., the British provs. of Tensaserim, and the Indian Ocean, and S. the Gulph of Siam, which it encloses on three sides. Its area has been very variously stated, but, according to Crawfurd, it amounts to 190,000 aq. m. Its pop. has been estimated, though on very vargue and unsatisfactory data, by Crawfurd, at 2,790,800, and by Malcolm at 2,000,000; of whom, probably, 1,500,000 are native Siamese, 800,000 Shans, 250,000 Malays, Peguans, &c., and 450,000 Chinese settlers; but other anhorities estimate the population at from 6,000,000 to 8,000.

repeana, is mountainous and rugged. The mountain chain which traverses the Malay penhaula separates Siam-proper on the W. from the valley of the Thansweng or Saluen river, sometimes rises to the clevation of \$0.00 feet; and a similar chain (the height of which, however, has not been ascertained), shuts it off on the B. from its Cambojan province of Batabang. The only navigable rivers of any consequence are the Menam, the Me-kon or river of Camboja, and the Than-lwang. The last two belong only partially to Siam, and are noticed in Vol. I. of this work (p. 102, and 376.). The Me-nam or Mei-nam (mother of waters) runs, on the contrary, through the heart of Siam, the principal towns of which are situated on its banks. According to native accounts, the Me-nam has its origin in the table-land of Yun-nam, whence it flows generally in a S. direction to the head of the Gulph of Siam, entering the latter near lat. 130°, and long. 101° E., after a seams roughly estimated at 800 m. It is navigable for small boats as far as Changmai, or Zimmey, and large ressels ascend to Yuthia, the old cap. of Siam. In its progress it encircles several islands; and at Bangtok, about 15 m. direct from the sea, it divides into three separate channels. Only the most casterly of these, or Pak.nam river, is navigable for large ships, the others being obstructed by shallow bars at their mouths; and even the Pak-nam branch has a bar 10 or 12 m. broad, with but 14 fathom water at low tide; so that, even when lightened, vessels entering or leaving the river not unfrequently get aground, though, the bottom being soft mud, they sustain no injury. (Makoolew, it. 180.) The Me-nam, its numerous tributaries, and the other rivers of Siam, annually overflow the country in July and the succeeding months.

The Clemate, except in the marshes left after the inmeditions, is usually salubrious, though the smallpox and cholers sometimes make great ravages. At Bangkok the mean tem. of the year is about 83° fah.; the heat is, however, not of an oppressive characte

son; and the wet season continues during the rest of the year.

Natural Products, &c. — Iron is found in the mountain ridges on either side the valley of the Me-nam; there are also mines of tin, copper, and lead; and the precious metals are procured in small quantities. But the mineral products of the country are but little known or explored. Siam is, perinap, the cheapest country in the world for rice, which is commonly under 2s. and often coets only is, per cwt. This is ascribable principally, no doubt, to the natural richness of the soil, and the fact of its being annually overflowed by the Me-nam, or Nile of Siam. L'immandation ammends fast Siam is surreit et landamere de la récoûte de viz, et rend ce respessme le nouvicier de physicus autres. (La Loubère, l'orges à Siam, i. 83.) No doubt, however, the extraordinary cheapness of rice is in part, also, owing to the lowness of the land only about 1s. 3d. per English acre, or from one sixth to one tenth part of the produce, instead of from one fourth to a half, as in British India.

only about 1s. 3d. per English acre, or from one sixth to one tenth part of the produce, instead of from one fourth to a half, as in British India.

Here, as in most Esatern countries, government is supposed to be the principal proprietor of the soil, but the tenants who pay the land tax run but little chance of being ejected; it is said, however, that gardens, orchards, and bouses, are viewed as the private property of the occupants. The Chinese are at once the principal cultivators and leaders in every branch of industry.

Besides rice, Siam yields nearly all the most valuable products of the East, and, under an intelligent government, might furnish vast quantities for exportation. Sugar, pepper, tobacco, the finest fruits, are principal articles of culture; and the forests, which cover a large proportion of the surface, produce teak, sandal, sapan, rose, eagle, and a variety of other variegated and perfumed woods, with numerous gums, &c. The teak is aid by Hamilton to be of the same quality as that is laid by Hamilton to be of the same quality as that is laid by Hamilton to be of the same quality as that is the capital, and is there almost wholly employed in the construction of native junks, very little being exported. Iron, copper, tin, lead, and gold, are the principal mineral products; the gold is obtained by washings, the tin mostly from the tributary Malay territories. The wild animals are similar to those of Hindostam and the adjacent Ultra-Gangetic countries: the elephant is sometimes found here, and is held in the highest estimation. Indeed, one of the titles of the Slamese monarch is, "lord of white elephants," several of which are maintained as state appendages at the royal court. "He who discovers one of these amimals, is regarded as the most fortunate of mortals. The event is of that importance that it may be said to constitute am ara in the annals of the nation. The fortunate discoverer is rewarded with a crown of

^{*} Major Rawlinson contends, that neither of these cities is the representative of Shasken, the anc. cap. of Persia, which, he says, is to be cought for in the runned city of Sucks, also on the Eulars, but to the E.N.E. of Shus and Shuster. (See his researches in the Geog. Journal, 18, 183—28.)

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suver, and with a grant of land equal in extent to the space of country over which the cry of the elephant may be heard. He end his family, to the third generation, are exempted from all sorts of servitude, and their land from taxation." (Figureson, 164.) The rhinoceros is more plentiful in this than in most other countries: tigers, though inferior in strength to those of Bengal, are also common. silver, and with a grant of land equal in extent to the

are also common.

Races of Inkabiltants. — The Siamese appear to be of
the same stock with the Laos Shans, to whose country
their traditions point as their original seat. They are
characterised by a broad forchead, a hairy scalp descending so low as to cover, in some instances, the
whole of the temples: the lower jaw is long, and resharacterised by a broad forehead, a hairy scalp descending so low as to cover, in some instances, the whole of the temples: the lower jaw is long, and remarkably full under the sygoma, so as to give a square appearance to the countenance. Eyes small and oblique; lips thick; mouth large; beard scanty; hair coarse, lank, and uniformly black; but that of the chin is softer and of a lighter colour than is usual among the Ultsa-Gangetic nations, heightened among the upper ranks by a bright yellow wash. Limbs thick, short, and stout; trunk square; they have a strong tendency to obesity; average height of men about 5 feet 3 inches: they possess, says Mr. Finlayson, from whose valuable work we have taken these particulars, the frame without the energy of London porters. (Mission to Siam cad Hue, 230.) Travellers agree in representing the Siamese as crafty, mean, ignorant, conceited, servile, and rapaclous. Inclence, as might be expected, is also one of their prominent traits. They have, however, some redeeming qualities: being exceedingly attached to their children, reverential to parents, temperate, and, except on great provocation, gratie in their manners. The upper classes, however, are offensively coarse, manifesting a total disregard for the feelings of others, and an unbounded arrogance. The Laos, or Shans, tributary to Slam, inhabit principally the N. part of the country, where they are divided into several tribes (see Laos). The Chinese settlers are mostly immigrants from the prove. of Canton and Fokien, and the island of Hainam. They resort to Siam unaccompanied by their families, intermarry with the Slamese, and adopt their form of religion, with most of their habits. (Geog. Journs., ill. 292.) Each male above the age of 20 pays a capitation tax. The greater number of them are employed in trade, or, if within the tributary Malay state, in working gold and tin. At Bangkok there are a good many Cochin-Chinese and some settlers from Hindostan, most of whom are Mohammedians. The Portuguese Christians, or their d

Mances.

Arts, \$c. — The Siamese have made very small progress in the useful arts; nor, under existing circumstances, can it well be otherwise. All mechanics who evince any skill are immediately seized upon, and made gress in the useful arts; nor, under existing circumstances, can it well be otherwise. All mechanics who evince any skill are immediately selsed upon, and made retainers of the king or of some person in authority, who employs them for life in some useless service of vanity or ostentation. Hence there is, as it were, a premium on barbarism, and labour is dear and difficult to procure. The ordinary mechanics are, in fact, usually natives of China or Cochin-China. In no one useful art have the Slamese ever attained distinction. They make to fabric that can bear to be compared with the cottons of Hindostam, the silks of Birmah, or the porcelain of China. Even in the fabrication of jewellery, a proficiency in which has been often remarked among ruder people, they axhibit little skill; and, in fact, their gold and silver trinkets, plate, and articles of sinc, tin, and brass, are all imported from China, or obtained from the Chinese settlers. It is through the ingenuity of the latter that the iron ore with which the country abounds has been of late years rendered available. At present a good deal of malleable iron is produced, and at Bangkok there are several extensive manufactories of cast-iron vessels; but these are wholly conducted by Chinese. The latter have also introduced the culture of augar, now become a staple product, and have created a taste for commerce and the means of carrying it on. The cultery and tools in use among the Slamese are of the rudest and simplest description; and, though the people fabricate arms, they have acquired no skill in the art, and fire-arms have always been supplied by Europeans. Even the coarse brown pottery in use is mostly made by Peguans. The art of dyeing is on the lowest scale, though the country abounds in the necessary materials; and printing silks and cottons is not practised by the Slamese in any shape or form. (Creughers, ii. 20—25.) Some Europeans have proposed to introduce steam-engines, saw-mills, cannon-foundries, the culture of indige one Goe &c.; but they have bee

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raised on piles, as in the rest of India beyond the Brahmaputra, though on the higher lands piles are dispensed with. But the houses are nearly all of the same fragile materials, among which the bamboo and Nipa palm-leaf are the principal; and it is only in the capital or in the other towns that any are to be seen constructed of brick and mortar, and roofed with tiles. The temples, though surrounded with brick enclosures, consist chiefly of timber-work; and, though laboriously carved, gilt, and otherwise adorned, exhibit no taste. Edifices for public convenience and utility seem to have no existence; and neither pilety, superstition, charity, nor interest, seems to have led the rulers of this country to construct bridges, wells, tanks, or caravanserais. The bridges, even at the capital, consist only of planks, and no where do we observe any attempt to construct an arch. The do we observe any attempt to construct an arch. The absence of public roads is not less remarkable. There are but two of any consequence in the kingdom; one from Bangkok to Yuthia, and another from Chantibon to Tung-gal. In the N. and on the Malay isthmus, ele-

from Bangkok to Yuthia, and another from Chamthom to Tung-gal. In the N. and on the Malay isthmus, elephants are used to convey merchandise across the marrow mountain pathways; but these animals are prohibited, except to a few favoured individuals, in most of the towns, and even in Bangkok wheel-carriages are unhown. But internal navigation is so extensive, cheep, and commodious, that in all the central part of the country it supersedes the necessity for roads.

Commerce.— The foreign trade of Siam is conducted chiefly with China, Anam, Java, Singapore, and the other British ports within the Stratts of Malacca, with an occasional intercourse with Bombay and Surat, England and America. The most important branch by far of the foreign trade is with China. This is estimated to employ at least 200 junks annually, many of which are of 500 or 600, and some not less than 1,000 tons. They are all of Chinese built, though mostly constructed in Siam; some are owned by Siamese merchants, but many more by Chinamen residing in Bangkok, and the crews are never Siamese. These vessels make but one voyage a year; going in one monsoon, and returning in the other. Most of them arrive at Bangkok in Dec. and Jan, but they continue to come from the more distant provs. till April, and sail from the Me-nam in June and July. Numerous small vessels keep up a constant intercourse with the coasts of the Gulph of Siam, and the neigh-Most of them arrive at Bangkok in Dec. and Jan., but they continue to come from the more distant provs. till April, and sail from the Me-nam in Jume and July. Numerous small vessels keep up a constant intercourse with the coasts of the Gulph of Slam, and the neighbouring islands; and two or three Siames ships, built on the European model, trade to Singapore. An artificial canal, kept in good order, connects the Me-nam with the Camboja river; but the trade by it, as well as by Cochin-Chinese sea-going vessels, has been depreased of late years, owing to hostilities between Slam and Anam. Bangkok is the great emporium of trade; and, according to Malcolm, it has the largest commerce, next to Canton, of any city not peopled by Europeans, or their descendants. The imports into Slam from China consist of earthenware and porcelain, spelter, quick-silver, tea, laksoy, dried fruits, raw silk, crapes, settin, and other silk fabrics, with nanksens, shoes, fans, umbrellas, writinfit paper, incense, and Chinese immirellas, writinfit paper, incense, and Chinese immirelas, writinfit paper, incense, and Chinese immirelas, writinfit paper, incense, and Chinese insmirelas, writinfit paper, incense, and Chinese insmireto to the westward, the chief imports are British and Indian piece goods, arms and ammunition from Europe, woollen cloths, a little glass-ware, and commodities suited for the Chinese market, as pepper, tin, dragon's blood, ratans, bicke-de-mer, esculent swallow's nests, and Malayt camphor. Besides these articles, the principal export to China and elsewhere are sugar, cardamoms, eagle, span and rose woods, mangrove bark, cotton, ivoy, stick lac, rice, areca nuts, salt fish, the hides and skins of oxen, buffaloes, elephants, rhinoceroses, deer, tigers, benny stocking as very common, and on the increase in Slass. But, in 1839, the importation of opium was prohibited by the that article has been carried on with Siam. I ne trace me several of the most valuable products is a royal monopoly; but the trade in sugar and pepper, the two great staples of the country, is free: the exports of sugarbeing estimated at 10,000 tons, and those of pepper at 3,500 tons. In 1938, 16,169 cwt. of the former, and 23,759 ibs. of the latter, were imported from Siam into the United Kingdom.

the United Kingdom.

Gold and copper are not used as money in Siam: the only con is of silver, being merely a small bar turned in at the ends, and stamped on one side. Cowries are the ordinary medium of traffic, and 18,900 go to the tical, which is estimated to be worth 2z. 6d. The ordinary weights are the picul and catty; the former is the same as the Chinese, and divided into 30 catties of 2g lbs. each. The Slamese fathom is about 6 ft. 6 in.: the sen, a land measure of 30 fathoms square.

The Government is an absolute monarchy, the sovereign being every thing, and the people nothing. The manners of the court, and the etiquette observed, seem to be nearly the same in the present day as they are de-

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scribed by the earliest European travellers; and are of a more servile description than those, perhaps, of any other court in the East. The king, one of whose tittles is "the God Boodh," is supposed by his subjects to be a deity, and is reverenced as such; an immeasurable distance being supposed to extat between him and the highest of the nobility. "The people," any Mr. Finlay-isson, "are governed by opinion, absuruand unjust, not by reason, by sense, or by kindeae. The most degrading a archal kindness; and the simple services of the month people as archal kindness; and the simple services of the same of the many, is regarded as the will of the Deity. To man either withes for, or aspires to, freedom of thought or action; and tyranny has cast it reads to deep, that change would seem hopeleas." The state of the people of the services of appeal, no establishments exclusively for judicial purposes. The Siamsee have, indeed, written laws; but it frequently happens that the king, on his accession, publishes a new edition, with his own interpolations, though neither the original code nor the changes introduced appear to be much regarded by the administrators of the laws. The same chiefs who are charged with the military, civil, and revenue administration, are the only judges and magistrates. According to the laws of inheritance, a man must leave his property to his family in preference to strangers; but no claim of primogeniture is recognised, the children usually sharing equally. The nature of the marriage contract is much the same as in other eastern countries, polygamy being permitted, and divorces obtained without difficulty. A breach of the marriage vow is not visited with so severe a penalty as in Anam, but is usually explable by a pecuniary fine. The penal code of Siam bears a strong analogy to that of China, especially in the liberal and indiscriminate use of the bamboo for the punishment, as in Birmah, are of the most sa

richasteries, sometimes containing several influented indi-viduals, endowed by the government or by wealthy per-sons. The Papal church has maintained missions in Siam for nearly 200 years; but, according to Malcolm, there are only about 2,200 R. Catholics in the country, in-cluding 800 Anamese, and several descendants of Portu-guess. Neither do the American Baptist and other mis-

** An able sketch of Buddhism may be found in Overfurt's Embasey, &c to Siem, il. ch. 2.; and there is a comprehensive account of its principal tenets, by a Buddhist prior, in the Caylon Atmoses for 14%.

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slons appear to have made many proselytes. (Malcolm's S. E. Asia, ii. 185—164.)

Mossecrs, Language, S.— In the articles Anam and Bibman in this Dict., various details have been given respecting the manners and customs of Ultra-Gangeting though the latter are decidedly lower in civilisation than either the Anamese or Birmana. They are less gross, however, in their esting than the former; and women are not so much degraded among them as among the latter. They are also more generally acquainted with reading and writing than the Birmese. Both sexes dress nearly alike, and wear fewer clothes than almost any other semi-civilised people of the East; a cotton garment reaching downwards from the loins, with sometimes a searf across the upper part of the body, usually completes the Siamese costume. Jewellery and trinkets are little used, but the teeth are always stained black. They are nearly as much addicted to gambling and cockfighting as their Malay neighbours; they are also very fond of theatrical entertainments and music, is which last they display considerable skill. Their language is radically monosyllable, and cognate with those of the Laos Shans and Anamese; but many words have been introduced into it from the Cambojan, a polysyllable language, and the Pali or sacred tongue; which last the common dialect initates in the form of its written characters. As in other Asiatic countries, slavery is common, and some chiefs have hundreds or even thousands of slaves. Some of the conquered districts have been almost depopulated, to bring their inhabs, to Siam; and at all times an active slave-trade is carried on along the Birman frontier. Persons are sold into slavery for debt; and men may sell their wives and children at pleasure. A common custom is for the master not to support his slave, but allow the latter to work for himself for 2 or 3 months, to supply necessaries for the rest of the year. Children inherit their parents boodage.

History.— The Slamese are said to possess records which go back for 1,00

possesses any interest tili 1811, when the first intercourse of Europeans with Siam took place. The Portuguese and Dutch had traded with the Siamese for the best part of a century, when the first British ship went up the Me-nam in 1612. In 1633, Constantine Phalcon, a Cephalonian Greek, had found means to get himself raised to the dignity of foreign minister of Siam, and soon afterwards opened a communication with France. Loris XIV. sent an envoy (the celebrated M. de la Loubère, to whom we are indebted for an excellent description of the country to Siam in 1685. The French were, however, expelled the country in 1690; since which time numerous wars, either aggressive or defensive, with the surrounding states, have been the most conspicuous events of Siamese history. (La Loubère, Voyage de Siams, 2 tomes, Paris, 1681; Crausifurd's Embassy to Siams and Cochin China, one of the best modern works on the Ultra-Gangetic nations; Malcolaw's S. R. Asia, ii. 120—164; Finlesson's Miss. to Siams, 2c. 1Chin. Rep., 4c.) SIBERIA, a vast territory of N. Asia, belonging to Russia, which see; and see, also, the article Asia. 1. 167. SIBK IM, or Sixkin, a state of N. Himdostan, ributary to the British, between the 26th and 38th degs. N. lat., and about the 88th E. long., having N. Thibet, E. Bootan, W. Nepsul, and S. the Bengal territory. Area, about 4,400 sq. m. Pop. estimated at about 166,000. From its situation on the S. slope of the Himalaya, its geography, products, &c., are nearly similar to those of Bootan and Nepsul, to which articles we beg to refer for its general description. It was placed under British protection in 1816. (Hassillon's E. I. Gan., &c.).

SICILY (an. Sicilla), the largest, finest, most important, most fruitful, and most celebrated island of the Mediterranean, constituting that portion of the kingdom of Naples entitled the Dominsii at dit la di Faro, lies between lat. 26° 38°, and 28° 18° N., and long. 12° 20°, and 15° 40° E. It is separated from the S. extremity of Italy by the narrow Strait of Messian

Intendencies (V	alii).	Area in sq. m.	Pop. in 1845	Pop. to eq. m		
Palermo - Messina - Catania - Noto - Caltanisetta Girgenti - Trapani -	.:	1,727 1,473 1,785 1,820 1,822 1,621 1,047	465,169 349,183 382,528 250,862 176,293 233,764 182,809	269-5 247-1 214-0 190-0 115-7 144-2 174-6		
Totals	• •	10,508	2,040,610	191-2		
			Z z			

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The Neptunian or Madonian chain of mountains, stretches from the Straits of Messina, at the N.E. extremity of the island, along its N. coast to Cape Boco at its W. extremity. Some of its summits are of considerable altitude. It gives off several spura to the S., which, with their ramifications, cover a considerable portion of the surface. But, exclusive of these, there are some mountains which are quite detached from and unconnected with any system. The principal of these is Etna, the most celebrated of European mountains, near the E. coast of the island, and by far the loftiest is Etna, the most celebrated of European mountains, near the E. coast of the Island, and by far the loftiest in Sicily, being not less than 10,873 ft. above the sea. (See Etna.) There are some extensive plains: the principal is that of Catania, at the foot of Etna; the next in point of size being those of Milasso, Terra Nova, Syracuse, and that extending along the S.W. shore for about 100 m. E. of Trapani. The rivers, though generally insignificant in point of size, are mostly celebrated in classic history or poetry. The principal is the Salso (an. Himera), which, as well as the Platani, Belici, &c., discharges itself on the S.W. coast. The Giaretta (an. Simchus) waters the plain of Catania. Giaretta (an. Simelus) waters the plain of Catania. A great number of small brooks and torrents disema great number of small proofs and forfents disem-bogue on the N. coast; but none of the rivers is navi-gable, or otherwise available for the purposes of trade. The only lake worth notice is that of Biveri, or Len-sini, in the plain of Catania.

and enly lake worth notice is that of Siveri, or Lentini, in the plain of Catania.

Except in some low and marsby tracts, the air of Sicily is generally salubrious, and the climate, though rather hot, is, for the most part, delightful. Cold weather is sometimes experienced, but the severity of the winter is never such as to affect the verdure of the country. Ice and snow are never seen except on Etna, and the highest summits of the Madonian chain; but the summer heats, especially during the prevalence of the serioco, or S.E. wind, are often very oppressive. The range of the thermometer throughout the year at the level of the sea is from about 36° to 110° Fah.; Its mean height being estimated by Savyth at 35°5°, and that of the barometer at 29°80. Whilst the sun is in the northern signs, the sky, although it seldom assumes the deep blue tint of the tropics, is, nevertheless, beautifully clear and serene; but after the autuumal equinox the winds become boisterous, and the atmosphere heavy and dense; serene; but after the autumnat equinox the wints oc-come boisterous, and the atmosphere heavy and dense; the dews and fogs increase, particularly on the coasts, and the rain fails in frequent and heavy showers." (Smyth, p. 4.) Sicily has, on various occasions, been subject to destructive earthquakes, which usually take

(Smylh, p. 4.) Sicily has, on various occasions, been subject to destructive earthquakes, which usually take place towards the end of winter.

The primary rocks in the mountains are principally granite, quartz, and nuica. These are overlaid in many parts by limestone rocks, and most of the lower hill ranges are calcareous, abounding with metallic ores. The soil, though very various, is almost every where endowed with the greatest fertility, and has been famous alike in ancient and modern times for its extraordinary horductiveness. Sicily was, in fact, the principal granary (horresm) of Rome. It is said by Livy to have been Populogue Romense, pace as bello, fluissmen annone subsidium. (Lib. xxvii. cap. 5.) And the third oration of Cicero against Verres, or that entitled De Frumento, affords in every part the most conclusive proofs of the fertility of this fine island, and of the great importance of the supplies of corn which it furnished to Rome. In some of the valleys the soil consists of a rich Rome. In some of the valleys the soil consists of a rich Rome. In some of the valleys the soil consists of a rich Rome of the country are also extremely fruitful, being suitable alike for the production of corn, wine and oil. portions of the country are also extremely fruitful, being suitable alike for the production of corn, wine and oil. Even at present, despite the wretched system of agriculture, Smyth says that the usual produce is from 10 to 16 times, and in favourable seasons, and on the best lands, 38 times the seed! Immensé beds of sulphur are found in the central and S. parts of the island.

The vegetable products of Sicily embrace numerous tropical as well as European plants. The surface has been divided, according to its elevation, into the fellowing five regions, each distinguished by its vegetation.

Regions.	Height.	Products.
	Ft. Ft.	-
1. Sub-tropecal -	— to 600	Papyrus, sugar-case, date and dwarf palm, elives, agrumi, &c.
2. Evergreen	_600 — 2,000,	(Rimilar to those of Ansa-
5. Oak and chemut	2,000 4,000;	(Mountains not se thickly wooded at in Italy.)
4. Beech wood .	4,000 6,000	Maine, wheat, &c., to
5. Upper reg. •	6,000 & above	Birch, juniper, &c. (See Erwa.)

Sicily was believed, in antiquity, to have be native country of corn. (*Diod. Siculus*, lib. v.) says of its early inhabitants:—

taught to plant, to turn the globe, and sew,
ey all their products to free nature owe.
e oil untill of a ready harvest yields,
th wheat and barley wave the golden fields;
minarcous wince from weighty clusters pear,
of Jove descends in each profile here?
It is a large of the profile of the p

Agriculture, also, is said to have originated in the island under the auspices of Ceres. But (quantum mutatus!) there are now few, if any, countries in Europe in which that art is in so degraded a state. There rope in which that art is in so degranded a state. I new seems every reason to think, from the number and magnitude of its cities, and other circumstances, that its population in mitiguity must have been such larger than in modern times. Indeed, the fair presumption seems to be that it must then have amounted to at least from 84 to 4 millions. And yet, notwithstanding this greater density of you. If we are the indeed the tion seems to be that it must then have amounted to at least from \$\frac{1}{2}\$ to 4 millions. And yet, notwithstanding this greater density of pop., it was, as already seen, able to export vast quantities of corn to Italy. It does not, however, appear very difficult to account for this melancholy change. After the overthrow of the Roman power, Sicily was occupied successively by the Greeks, Saracens, Normans, and French, till at length it became a dependency first of the crown of Spain, and more reently of that of Naples. It is to this dependence, and to the introduction of the feudal system by the Normans, that its backward state is principally to be ascribed. The multiplied abuses which grew up in Spain under the reign of Ferdinand and his successors of the Austrian line, flourished with equal luxuriance in Sicily, and have proved no less destructive of the industry and civilisation of its inhabe, than of those of Spain. The Neapolitan regime has been equally pernicious; and misgovernment, the abuses of the feudal system, insecurity, and unequal and arbitrary taxes, have here, as every where else, paralyzed industry and impoverished the people. the people.

But the grand curse of Sicilian, as of Sardinian in

curify, and unequal and arbitrary taxes, have here, as every where else, paralyzed industry and impoverished the people.

But the grand curse of Sicilian, as of Sardinian industry, will probably be found in the oppressive restrictions that have been laid on the exported without leave being obtained from the Real Patrimonée, a body that pretended to take an account of the crops, and which determined whether there were to be say exportation; and in the event of its being allowed, it issued, or rather sold, liceages to a few favoured individuals, authorising them to export certain specified quantities: I Swen had Sicily been tem times more productive than she really is, it is quite impossible that agriculture could have four shed under such discouragements. Luckliy, however, these oppressive restraints have recently been abolished, and there are no longer any obstacles to the free exportation of corn. Oppressive taxes, the want of leases of a reasonable length, and of practicable roads, are at present, perhaps, the greatest obstacles to agriculture.

The property of the island was valued in 1811, when the English garrison and fleet occasioned a great demand, and high prices for produce of all kinds, and this valuation has been continued to this day, as the basis on which the land and house tax (fondiaria) is levied. A rate of 73 per cent. on this valuation was first charged, which was subsequently raised to 124 per cent., at which it is now fixed. Owing, however, as is stated, to the fall it he price of agricultural produce since 1811, this tax is alleged by Mr. Macgregor to be more than equivalent to a duty of 25 per cent. on the produce of the soil taken at its present (1840) value, and to be a very great obstacle to improvement. We believe, however, that its influence in this respect, though considerable, has been much overrated; and that the backward state of Sicily is principally owing to other and different causes.

Though there be in Sicily a very considerable number of small proprietors, by far the greater

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estate shall descend to the eldest son, and that the other half shall be divided in equal shares among the other children. This law, which appears to have been framed on the model of that which regulates the succession to property in France, will probably have nearly similar effects. In both countries the abuses of entails might have been obviated without running into the opposite extreme, and establishing a system that can hardly fall; in the end, to occasion the too great division of landed appears.

extreme, and establishing a system that can hardly fall, in the end, to occasion the too great division of landed property.

The arable lands in Sicily have been roughly estimated to comprise about 3,700,000 acres; vineyards, 115,000 do.; vegetable and fruit gardens, 260,000 do.; woods and olive plantations, 1,125,000 do.; the remainder of the surface being mostly waste. Ploughs and most other agricultural implements appear to have undergone no improvement for centuries; and "a bunch of brambles, drawn by an ox, supplies the place of a harrow." (Swyth.) The magnificent crops which are occasionally met with are wholly ascribable to the extraordinary fertility of the soil, and not to the labour or skill of the cultivators. In fact, such is the careleseness of the husbandmen, or such the difficulties resulting from the oppressions under which they have laboured, that, according to Mr. Macregor, nearly a third part of the pop. have to depend for support on the fruit of the cactus (Indian fig, or figuration), found in the greatest profusion in most parts of the country. (Report, 46.)

We suspect, however, that there is a great deal of exaggeration in this statement; and, at all events, it is sufficiently certain that, independently of the changes already alluded to, there has of late years here a decided increase of the means of subsistence. The growth of pop., which increased from 1,650,657, in 1798, to 1,943,366, in 1831, being an augmentation of 283,099, is an evidence of this; and has, no doubt, been at once a cause and a consequence of the improvements which, though slowly, and almost imperceptibly, have begun to make their way in the island. At present (1842) the pop. Is probably not under 2,100,000.

Exclusive of wheat and barley, hemp, flax, and cotton are raised with but little is labour. The culture of the last is said to be extending of late years, especially in the neighbourhood of Marxara. It is mostly short-stapled, and but little is exported, and that only to Naples and Trieste. It is probable, howeve

last is said to be extending of late years, especially in the meighbourhood of Maxsara. It is mostly short-stapled, and but little is exported, and that only to Naples and Trieste. It is probable, however, that by attention to its culture, and the introduction of improved varieties, its quality might be improved, and it might become a raticle of some importance. The sugar-cane was formerly a staple product of the S. shore of Sicily. But, owing to the introduction of cheaper sugar from the W. Indies and Brasil, the culture of the cane is now restricted to some small plantations near Avoia, and will probably, at no distant period, be wholly abandoned.

The district round Marsals is the principal seat of the wine culture; and, thanks to the exertions of some English capitalists established in that city, the production of wine is become an important branch of industry, and it forms a principal article of export. (See Massala.) Vines are generally treated as in France; being cut low, and not festooned along other trees, as in S. Italy. But, except in the English establishments, little care is in general bestowed on the vintage; the wine-rest is a very rude machine, and in some districts it is altogether wanting; the process of crushing the grapes being performed in large vats, by the treading of our efforts and want wholly cover, the mountain stopies. heing performed in large vats, by the treading of barge-footed peasants. Along the N. coast, the mountain slope and valleys are almost wholly covered with olive grows: though elsewhere they are rare, and do not furnish suffi-cient oil for the lnhabs. But for the imperfections in the mode of its preparation, the oil of Sicily would be excellent. The olives, however, are permitted to hang on the tree till they come off with shaking, or beating with light canes; and they are then kept in vats till they get quite black, so that the oil becomes pungent and rancid, and, though fit for the lamp, is totally unfit for the table. It is only near the capital, and in a few other places, that a more improved process is followed. the table. It is only near the capital, and in a few other places, that a more improved process is followed. Lemons and oranges, which grow luxuriantly, are of excellent quality, well adapted for long voyages, and, when intended for exportation, are collected with more care than any other agricultural product. They are largely exported, and are, altogether, highly important. Almonds, pistachios, dates, madder, the barilla plant, havel unit the Riceius and more reastor, all plant, saffron Almonds, pistachios, dates, madder, the barilla plant, hazel-nuts, the Ricinus palma, or castor-oil plant, saffron, tobacco, &c., might all be raised in any quantity; but their culture is, for the most part, neglected, or ill-conducted. The mulberry is grown in the vicinity of Messina, and in the N.E. part of the island; but the produce of slik does not exceed 400,000 lbs. a year. The manna ash is grown near the capital, and manna not being monopolised by the government in Sicily, as in Naples, it might be a profitable article of trade if there were any public enterprise. Liquorice is found growing wild in several parts of the island, and considerable quantities of juice are exported. The culture of shumac is smore attended to, and it forms a principal article of export.

Potatoes, which have been introduced during the pre-Potatoes, which have been introduced during the pre-sent century, are become a principal article in the diet of the peasantry. The flarm-labourers, who are very badly lodged, receive, according to M. Simond, from 3 to 4 carbini, or from 1s. to 1s. 4d. a day. Besides potatoes, their food consists mostly of mains polenta, onlons, garlic, sait flash, cheese from sheep's milk, oil, and beans, which last are a staple in the food of both men and cattle. The peasantry sometimes cent saited pork, but rarely any other kind of flesh. (Simond, Gali, Blaquière, &c., passim.) passim.)

The want of improved means of communication is one

other kind of Besh. (Simond, Gall, Blaquistre, &c., passim.)

The want of improved means of communication is one of the greatest drawbacks on agriculture; except in the vicinity of Palermo and other great towns, they are all but unknown; and the only mode of travelling is by means of the lexitiga, a kind of fly without wheels, holding two persons, and carried like a sedan chair by two mules, one before and the other behind. Happily, however, government appears to have at length become alive to the evils arising from the want of roads, and ij percent. of the land tax is henceforth to be applied to their construction; and permission has also been given to raise a loan of 1,000,000 dollars, at 5g per cent., for the same purpose. (Rassmer's Italy, ii.)

Formerly there were only certain ports from which corn could be exported; a limitation which gave rise to the establishment at these ports of public magazines, or caricalori, where the corn may be deposited till an opportunity occurs of shipping it off. Provided it be of good quality, and be brought in immediately after harvest, or, at farthest, in August, it is warehoused free of expense what it gains in bulk after that period (about 5 per cent.) being sufficient to defray all expenses. The receipt of the caricator, or keeper of the magazine, is negotiable like a bill of exchange, and is the object of speculative purchases on the exchange at Palermo, Messina, &c., according to the expected rise or fall in the price of corn. The depositor of a quantity sells it in such portions as he pleases, the whole being faithfully accounted for. The public magazines, in some parts of the siland, are either excavations into calcareous rocks, or holes in the ground shaped like a bottle, walled up, and made water-proof, containing each about 300 salme of corn, or about 2,260 Engl. bushels. The neck of the bottle is hermotically closed with a stone fastened with sypsum. Corn may be thus preserved for an indefinite length of time; at least it has been found in perfecting pool order

good order after the lapse of a century. (simond, p. osu.; Surinburne, il. 405.)

The rearing of live stock occupies even less attention than tillage. In general, the horse, mules, and asses of Sicily are small and ill made; the mules of Modica and the asses of the Pantellarian breed being exceptions. The Tunia, or reddish-brown, and long-horned breed of The Tunis, or reddish-brown, and long-horned breed of cattle, are large, strong, and well formed, and there is a good breed of goats. But the sheep, excepting a few Merino flocks, are very inferior, and their wool is used only in the coarse manufactures of the country. Hogs are of the worst possible breed. Forests, owing to waste and mismangement, have almost disappeared, except on the flanks of Etna and on some of the N. mountains. Staves for wine casks, and ship timber, are mostly imported from other countries, and even fire-wood is scarre.

Staves for wine casks, and snip timner, are mostly imported from other countries, and even fire-wood is scarce.

The fisheries are chiefly conducted by corporations of fishermen, or monied individuals. That at Palermo employs, during the season, from 900 to 1,000 hosts, and 3,500 fishermen; and the produce is valued at from 30,000. to 25,000. A year. The fishermen of Palerme belong to 2 corporations, each of which has a physician, surgeon, chapitin, and other officers, who are paid from a fund raised by a subscription from each member, of about 3 per cent. on his share of the produce. This fund is also applied to the relief of members, and other general purposes. Tunnies, the fish principally caught on the Sicilian coasts, are taken as in other parts of the kingdom of Naples (which see). This valuable fish, which was in great request in antiquity, as well as in modern times, is of large dimensions, being generally from 4 to 8 ft. in length, with a nearly equal girth. Its fiesh is highly nutritious. The shoals of tunny enter the Mediterraneae early in the year. The tossare, or fishing establishments, on the Sicilian coasts, are more extensive and valuable than those in any others are more extensive and valuable than those in any other part of the Mediterranean. The nets belonging to the one in the Bay of Palermo are so very strong as to be able to arrest the progress of a ship when under sail. The fishery of the sword-fish is confined chiefly to the Straits of Messina, and the anchovy and pilchard fisheries to Siculania. Lentini has some trade in betargs, made of the roe of the mullet. The coral fishery, near Bons, in Africa, is principally frequented by fishermen from Trapani, at which city the coral is polished, and brought for exportation to Catania, Naples, Leghorn, &c.

The minerals of Sicily are important and valuable. Sulphur ranks first; it is found in great quantities imbedded in blue marl, or in gypsum and limestone, over

most of the central and S. parts of the Island. Thusulphur mines have been wrought for upwards of 300 years; but it is only since 1820 that any extraordinary quantity has been prepared for exportation. Subsequently to 1833, the trade with this country increased so much that the export of sulphur to the United Kingdom rose from 19.122 tons in the given year, to 38,654 tons in 1838. In this year, however, the Neapolitan government granted to a French company the monopoly of the trade in sulphur, the production of which was to be limited to 600,000 quintals, to be supplied to the company by the proprietors of the mines at certain fixed prices, on condition of the latter paying to the government a bonus of 400,000 Neapolitan ducats a year! It is needless to dwell on the impolicy and absurdity of such a project. Instead of attempting to limit the export of sulphur, government should have given it every possible facility; and taking the export, under a free system, sible facility; and taking the export, under a free system, at only 1,500,000 quintals, it would have yielded, at the sible lacility; and taking the export, under a free system, at only 1,500,000 quibtals, it would have yielded, at the low duty of 2s. a ewt. on export, a larger sum than was to paid by the company for their monopoly. Luckily, however, a firm remonstrance by England occasioned the suppression of the monopoly; and the duty on its export having been wholly repealed in 1846, the shipments are now very extensive. In proof of this statement we may mention that of the total imports of sulphur into the U. Kingdom in 1849, amounting to 42,269 tons, no fewer than 40,702 tons were supplied by Sicily. Some sulphur mines are wrought by English speculators with machinery brought from England, and workmen from Wales, Cornwall, and Scotland; but in melting, a great part of the sulphur is allowed to escape in gas, to the destruction of the surrounding vegetation. Sicily furnishes saltpetre of excellent quality, in sufficient quantity for her own consumption, but from want of enterprise, none is produced for exportation. Rock salt, bitumen, gypsum, and marble of different kinds, are found in various places; and good salt is made at Trapani and other coast-towns. There are also ores of copper, lead, mercury, and iron; but very few of these are wrought.

in various places; and good salt is made at Trapani and other coast-towns. There are also ores of copper, lead, mercury, and iron; but very few of these are wrought. There are no iron foundries in the island; and iron and tin goods are principally imported from England, lead from Spain, and steel from Germany.

In some of the principal cities there are a few manufactures of silk, woollen, cotton, and linen stuffs; the cotton and woollen yarn being imported from Naples, Salerno, &c. A successful attempt has of late been made at Trapani to spin low Nos. of cotton twist by steam power; and some progress is making, both at Palermo and Messina, ia the manufacture of ordinary printed muslins, and such like articles. At Palermo there are also oil-cloth and glass factories. But both glass and oil-cloth, with cotton and coarse woollen goods, India handkerchiefs, crapes, and earthenware, are principally supplied by England; fine weollens, printed cottons, and silk goods, porcelain, &c., come from France and Belgium; Germany and Holland send the principal part of the linen goods; paper and Swiss goods are imported from Genoa; and dye woods and colonial products come direct from America. The duties on most articles of import are so very high, that a large proportion of the goods consumed in the island, especially sugar and other colonial products, are smuggled. The following is an Account of the Quantities and Values of the principal

Account of the Quantities and Values of the principal Articles, the Growth and Produce of Sicily, exported from that Island in 1847:—

Artic		di-		Weight, or	Totals.		
	artic	iesi.			Measure.	Quan- tities.	Value
Argols and	cream	of t	sriar	-	Cwts.	15,017	E18,84
Barilla				-	-	44,638	17.53
Brimstone	4.				-	1,618,358	272,79
Cantharides				-	-	1,579	13.51
Cheese	-			-	-	6,189	8,31
Esterioes					Thu.	163,700	32,66
Pish, salted.					Cwts.	5,810	
Fruit, dried	· bec.		- 14	-		59,214	71,39
Oran	ges an	d ler	nons	-	Boxes	409,202	94.54
Grain and p	ulse		-		Quarters	7,690	13,48
Lemon Juice				-	Ginthons	46,300	
Limeed	-			-	Quarters	17,895	33,91
Liquorice pa	nite		-	-	Cwts.	23,925	12,16
Manna				-	-	2,550	
Oil, Linseed					Gallons	7,650	841
Olive	-				-	280,527	42.05
Raga -					Cwts.	30,179	22,584
Saft -	*		-		Tons	18,413	6,57
Seeds -			-	-	Cwrs	51,263	3,89
Shumac	*	*			-	337,192	127,15
Silks -				-	Ibs.	77,500	56,950
Skins -	*	*	1.0	100	No.	137,000	3,45
Wines and a	pirits		-		Gallons	1,252,075	117,66
Other article			7		Value		71,67
		7	lotal .			4	1,020,411

During the same year the value of the imports into Sielly amounted, according to the official returns, to 671,007L; the principal articles being sugar and other

colonial products; cotton stuffs, yarn, and wool; woolies silks, and linens; hides, hardware, fish, &c. But, already stated, the official returns afford no real test already stated, the official returns afford no real test of the amount of the imports, the value of which may be safely estimated at above 1,000,000. There belong to the different Sicilian ports about 2,250 vessels, of the agg. burden of about 43,000 tons, employing about 25.000 men. Accounts are kept in ducats = 3s. 5*2d. of 10 tarinf; the tari = 4*1d., equivalent to 10 bajoochi, of 2 gradient and 8 piccioli each. The oncia of 30 tarini = 10s. 3d. The 1b. = 7†b. Eng.; the salma of wheat, &c. = 7‡ Eng. bushels. The palmo = 10 inches 3 lines Eng.; the braccio = 3 palmi; the canna = 8 palmi.

Government. — The feudal system was introduced into Sicilly by Count Roger, soon after the expulsion of the Saracens, in 1072. He also established a representative assembly, or parliament, which subsisted, notwithstanding the many changes the listand has undergone, down to our own times. This assembly consisted of 3 estates, or braccios. The first, or braccio ecclesiastico, comprised

ing the many changes the island has undergone, down to our own times. This assembly consisted of 3 estates, or braccio. The first, or braccio ecclesiastico, comprised 66 prelates, abbots, and other clergymen: the second, or raccio militare, comprised 227 nobles, among whom were 68 princes, 27 dukes, and 37 marquises, but the larger portion of the nobility had no seat in the assembly: the third, or braccio demaniale, comprised 43 representatives of as many free towns. The Prince of Buttero was hereditary president of the assembly. (Swinberne, it. 170.) It is obvious, from this statement, that the nobles and clergy had an overwhelming majority in this assembly; and while the possession of by far the greater postion of the landed property of the island made the substantial and real equal to the numerical ascendancy of those two classes, the establishment of majorats and entails, and the servitude of the peasantry, who were in the most absolute state of dependency on their lords, interested the latter in the support of abuses that opposed insurmountable obstacles to the public prosperity. No wonder, therefore, that the Sicillian parliament should have falled in producing the advantages we are accustomed to ascribe to such institutions; and that it should, in fact, have become a bulwark for the defence and protection of the most oppressive and odious privileges.

The crown was quite as anxious as the burghers to limit the privileges of the braccio militare, provided that could be done without extending the privileges of the people in a constitutional point of view. But not daring openly to attack so powerful a body, it fell upon the device, worthy of the blogted and imbeelle govern.

The crown was quite as anxious as the burghers to limit the privileges of the brace's militare, provided that could be done without extending the privileges of the pople in a constitutional point of view. But not daring openly to attack so powerful a body, it fell upon the device, worthy of the bigotted and imbecile government of old Spain, of ruining the industry of the country, by laying restrictions on the exportation of its produce, that it might, in this way, impoverish the barons I (Brydose, p. 350. edit. 1806.) This wretched system, if so we may call it, was acted upon during the whole of last century, and Sicily was a prey to every sort of abuse. At length, in 1812, a new constitution was established, under the auspices of Lord William Bentinck, commander of the British forces in the island. Under this constitution, which was formed on the model of that of England, the legislative power was vested in the king, and in an upper house consisting of barons and bishops, and a lower house elected by the people. Unluckly, however, Sicily was not in a condition suitable for the working of such a form of government. The upper house had every thing to lose, the lower every thing to gain; and though some members of the former saw the expediency or rather necessity of yielding upinjurious privileges and making timely reforms, the far greater number were firmly opposed to all innovation. Under such circumstances no improvements could be effected; and the constitution becoming unpopular with all parties, the crown had little difficulty in effecting its abolition in 1816, and in establishing a nearly arbitrary system of government. Since then the administration of Sicily has been assimilated to that of Naples; and, as already seen, several important and, on the whole, highly beneficial changes have been introduced. (Rasser's Italy, il. 288, &c.)

Trials are public, but not by jury. Until very lately, the police scruice was conducted, as in Sardinia, by a number of companies, having each at their head a captain, who ch

the same time, to 7,591. (Giornale di Statistica, Palermo, 1896, No. I. 111.) Education is almost wholly in the hands of the clergy, but it is better conducted than in the rest of the Neapolitan dom.; and if the quality of the instruction were at all commensurate with the number of struction were at all commensurate with the number of schools, the people of Sicily would, in this respect, be fully on a level with most other countries. Palermo and Catania have flourishing universities, both of which have had many distinguished individuals among their profes-sors: there are colleges and academies in 31 towns, and had many distinguished individuals among their professors: there are colleges and academies in 31 towns, and primary and secondary schools in each commune. In these popular schools, besides reading, writing, and arithmetic, the pupils are taught linear drawing and the geography of Skelly. In the prov. of Catania the method of mutual instruction has been adopted. There are several Jesuita's schools, 3 episcopal academies for divinity students, and boarding-schools for the nobility, &c., at Palermo. Females are usually educated in comments till they be 18 or 20 years of age. Some scientific journals are published, especially at Catania, a city distinguished for the superior education and morals of its inhabs. But it would be nugatory to expect that there can be any thing like an efficient system of superior education, or any literature or philosophy deserving the name, in a country where the press is subject to the most severe censorship; and where all foreign works that might tend to expand the minds of the people, and to make them acquainted with their rights and duties, and with the elements of national prosperity, are as rigorously excluded as if they were fraught with pestilence. Sicily has numerous hospitals and other public institutions, but they are said to be generally ill-conducted. In most large towns there is a moste-di-picts, or government pawnbank.

Bestides the findinging or land-two of 120 per cent the bank

Besides the fondiaria, or land-tax of 122 per cent., the public revenue is derived principally from a tax of 13 taris and 12 grains per salma on the grinding of corn, a duty of 4 gr. per rotolo on the meat consumed in the provincial capitals, with customs duties, and duties on shipping, stamp and registration duties, tobacco duty, the lottery, the post-office, and a duty on the salaries of all persons to obtain structures. The whole mean amount to about the post-office, and a duty on the salaries of all persons in official situations. The whole may amount to about 1,900,000 oncie, that is, to about 950,000d. a year gross revenue. We subjoin a copy of that part of the Budget for Sicily for 1835, which gives a view of the revenue of the island, and of the sources whence it is derived.

revenue. We subjoin a copy of that part of the Budget for Sicily for 1836, which gives a view of the revenue of the island, and of the sources whence it is derived. [See top of next column.]

Each intendancy is under the control of an intendant or prefect, with a council and secretary, and each district under a sub-intendant, council, and secretary. The head board of police for the island, which sat at Falermo, has been dissolved, and the intendants and subintendants now communicate directly with the ministry. Each community is under a syndic elected by the inhabitants from among their number. In each commune and every quarter of the principal cities, there is a cosciliatore nominated by the king on the recommendation of the habs., who gives summary decisions in disputed matters not exceeding the value of 6 ducats; a judge for each intendancy has a civil tribunal with a president, 3 judges, an attorney-general, and a chancellor; and a superior criminal tribunal. The superior courts in the intendancies of Falermo, Catania, and Messina are at once civil and criminal tribunals, and have 6 judges each. That at Palermo has the supreme jurisdiction throughout the island. There are, in fact, no fewer than 260 judges among a pop. of 2 millions! The 180 judges of circondario receive from 381. to 84l. each, the civil judges about 150l., criminal do. from 210 to 250l., and the judges of the supreme court from about 400l. to 600l. a year; but this excessive multiplication of courts and judges is a nulsance rather than any thing else. With few exceptions, too, the judges and other legal functionaries are said to be notoriously corrupt. But the principal obstacle in the way of the proper administration of the laws. This affords great facilities for, and temptations to litigation, and the country is, in consequence, overrum with swarms of low, pettilogging attornies. There can, indeed, be no doubt that one of the greatest improvements of which the island is susceptible would be the simplification of the law, and the dismissal large snare of the attention of government; not, now-ever, for the comfort of the prisoners, but for their secu-rity. The state and criminal prison, on the island of Maritimo, contains, perhaps, the most horrid and strong-est dungeons in the world. The prisoners are lowered down several hundred feet from the rocky height above, and are seldom, if ever, heard of afterwards." (Report,

Inhabitants.— The Sicilians are of middle stature, well-made, with dark eyes, and coarse black hair; their features are better than their complexions; and they at-

	Amount.			
Sources of Revenue,	Partial in ounces. I ounce=10e.	Total in sunces. 1 sunce ps 10s.		
Ordinary Revenue of Landed Property. Land-tax 12g per cent		458,419 0		
General Administration of indirect Duties. On grinding corn, 13 taris and 12 grains per salms. Custom and navigation duties. Duty on bolette for the consul-	640,000 0 336,666 20	,		
tive board of trade Com states Bamp on playing ourds Daty on tobacco Ditto on books imported from foreign countries	775 0 1,705 0 604 0 10,000 0			
Stimp duty on national manu-	251 0			
Duty on weights and measures, for the Perto-france of Messina Sundries	1,932 0 40 0			
Branches depending on the general Administration of Ramie Dritti	892,354 90	892,354 20		
dicerts. Tix on merchants and bankers, exclusive of foreign merchants at Messina Duties on registrations, neit of indiciary express which can-	11,800 0	,		
not be recovered 5 and 25 per cent, on pensions Dety of 4 grains per rotolo on mest consumed in the provin-	78,788 13 7,051 17			
From shops and markets (wine shops in the military stations	35,850 27			
and barracks excepted) Physician inspector Cruciata for bulls Sump duty on gold and silver	1,773 8 1,475 1 18,234 11	-		
manufactures Fees on the royal exequatur Out rent on the salt ponds leased to the college of Trapani	587 8 714 28 676 6			
Cartain rents Uncertain ditto	7,472 12 1,314 26			
Uncertain Revenue.—Particular Administrations.	160,729 17	160,729 17		
Royal lottery Post-office Pire arms and shooting licenous 14 per cent. on salaries of go- vernment officers, for pensions	137,494 0 17,584 7 6,835 9			
to widows and retired persons to widows and retired persons 10 per cent. on the salaries of all persons helding situations un- der government	6,393 17			
der government Stoppuges of six months' pay on	40,561 27			
Stoppages of six menths' pay on promotions and appointments Savings on account of vacant employments	3,000 0 16,000 0			
employments Extraordinary revenue, not included in the collector's state-				
Prom the superintendence of roads and forests	4,760 12			
	2,248 0 72,963 26	72,963 26		
Total ordinary revenue		1,746,310 19		
Extraordinary Revenue. From all sources	117,194 4	117,194 4		
Total		1,863,504 ¥3		

tain maturity and begin to decline earlier than the inhab, tain maturity and begin to decline earlier than the inhab, of more northern regions. They are cheerful, inquiative, and fanciful, with a redundance of unmeaning compliments; showing they are not so deficient in natural talents, as in their due cultivation. Their delivery is vehement, rapid, full of action, and their gesticulation violent; the latter is so significant as almost to possess the powers of speech; and animates them with a peculiar vivacity, bordering, however, rather on concett than wit, on farce than humour. The upper classes are incorrigibly indolent, and fond to excess of titles, and such like marks of distinction. Here, in fact, every house is a palace, every handicraft a profession, every respectable a palace, every handicraft a profession, every respectable person at least an excellency, and every errand-boy is charged with an embassy! This love of ostentation is veterate, that the poorer nobility and gentry are peso inveterate, that the poorer nobility and gentry are ponurious to an extreme in their domestic arrangements, and almost starve themselves to be able to appear abroad in the evening with a mean and poverty-stricken equipage. Notwithstanding the energies of the peasantry be impaired by the milidness of the climate, and the multiplied oppressions of which they are the victims, they may be said, as compared with the upper classes, to be industrious: they are also sober; but passionate, ignorant, credulous, and superstitious. They are, however, bigots, rather than fanatics; and are civil and kind to Z z 3

such heretical strangers as may be thrown in their way. There is a great want of keeping, and of comfort, even in the best houses; and in them, and, indeed, everywhere, there is a disgusting want of clemliness. (Sangel, pp. 26-66; Stolberg, iv. 359, 4c.).
Sicily early became the seat of many flourishing Greek

where, there is a disgusting want of cleanliness. (Swyth, pp. 26 - 66; Stobberg, iv. 309, dc.)
Sicily early became the seat of many flourishing Greek celonies, of which Syracuse and Agrigentum were the most celebrated. At a subsequent period it was the scene of an obstinate and lengthened contest between the Carthaginians and Romans, and became the first and most valuable acquisition made by the latter beyond the limits of Italy. After the fall of the Western Empire, it was successively held by the Vandals, the Goths, and the Greek emperors, till 827, when it was overron by the Saracens. In 1072 it was taken by the Normans, who, as already seen, established the feudal system, and kept possession of the island till the establishment of the Swabian dynasty, in 1194. In 1365 Charles of Anjon became master of Sicily; but the massacre planned by John of Procida, known by the massacre planned by John of Procida, known by the masser planned by John of Procida, known by the masser planned by John of Procida, known by the name of the "Sicilian Vespers," 32th March, 1392, put an end to the sway of the Angevines. It soon after became a dependency of Spa'n, and was governed by Spanish viceroys till 1706, when a popular revolution annexed it to Austria. By the peace of Utrecht, in 1711, it was ceded to Victor Amadeus of Savoy, who, in 1720, was compelled by the emperor Charles VI. to exchange it for Sardinia. In 1734 the Austrians were driven out by the Spaniards, and the infant Don Carlos was then crowned king of the Two Sicilies. While the continental dom. of Naples were held by Napoleon, Palermo was the residence of the court, the island-being defended by an English fleet and garrison. An insurrection that broke out in 1821 was speedily suppressed by the Austrians.

Still, however, there was a great deal of dissatisfaction in the island, and a strong desire for a more liberal system of government. And the party favourable to the independence of Sicily, taking advantage of the excitement occasioned by the French revolutio

1848, summoned a parliament, which, by a resolution agreed to on the 13th April, 1848, formally deposed the House of Bourbon from the throne; declaring at the same time that Sicily would form herself into a constitutional monarchy under a sovereign of her own choice. And conformably to this declaration, the throne was subsequently offered to the duke of Genoa, second son of the King of Sardnia. But the Skellans lacked the courage and ability to defend the new order of things. A Neapolitan army having landed in the island, reduced Mespolitan army having landed in the big of Naples, who appeared at first to be disposed to support the cause of the Insurgents, the latter were deleasted at all polits, and the former system of government re-established.

SIDMOUTH, a sca-port, market-town, and par. of England, co. Devon, bund. E. Beddeigh, on the Sid, at its mouth in the English Channel, 13\(\phi\) m. E. S.E. Exeter. Area of par., 1,700 acres. Pop., in 1841, 3,509. It is situated between two steep ranges of hills, which enclose it on every side except the S., where it is open to the sea. From its sheltered situation, freedom from fogs, and the beauty of its surrounding scenery, Sidmouth has long been a favourite watering-place, and was frequently visited by George III., his queen, and court. The port was formerly of some consequence; but being choked up by sand, it is now accessible only by small vessels. The sands, however, have contributed to fix popularity as a bathing place; and it has a handsome promenade on the beach, warm baths, good assembly, reading, and billiard rooms, and the other establishments usual at such places for the accommodation of visitors. The parish church, an ancient building, belonged, in the 18th century, to St. Michael's monastery in Normandy; it contains a monument to Dr. Currie of Liverpool, the first and perhaps, also, the best bil

brick, and are mowise remarkable for their srchitectures. The inhabitants are active, intelligent, and industrious. "Though falsen from its former rank, as a republician city with 150,000 inhabs. (P), to that of a provincial town, with the melancholy tite of the expital of the Maremme, Siemas "exhibits no signs of decay, but has, on the contrary, every appearance of active industry, with scarcely any beggars; the streets are well paved and very clean; the shops numerous and well supplied; the people well-dressed, and the women remarkably graceful and good-looking." (Sémend, Town, \$c., \$h\$1.) The principal public building is the cathedral, a vast, and, on the whole, magnificent Gothic edifice, founded in the 18th century, though not wholly of one date, and built in alternate ocurses of black and white marble. It has been severely, and, we believe, justify, censured by Forsyth for its incongrustnesses, want of taste, and barbarous emblematic devices. Over the arches supporting the navel is a series of the heads of popes; and the pavement is a kind of mosale-work, much of which is very beautiful. The secristy is adorned with a history of Pope Flus II, partify painted by Raphasis as every serims, more beautiful antique group of the three graces. (Woof's Letters, I. 315.) Under this building is a subterranean church, which, if the cathedral, as a suffermed, stand on the site of a temple of Minerra, is, most probably, of remots antiquity. The churches of St. Dominico and St. Catharine, the hospital, city hall, and theatre, are worth notice. The city hall is in the great piasas, a sloping semicircular space, laid out in walks, ornamented with statues, and forming the principal loungs of the inhabs. The citadel, facing the main street, has an esplanade and ramparts, planted with trees, which also form favourite public walks. The antiquities including a Roman gate, the remains of ascent what the surface of the part of the principal contraints of the surface of the part of the principal contraints of the surface of the s

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SIERRA-LEONE.

from 1819 to 1826, every white soldier in the colony was, at an average, three times a year under hospital treatment, and nearly half the force perished annually; and in 1826 and 1826, when the mortality was at its height, three fourths of the troops were cut off! To accept a situation in Sierra-Leone has, in fact, been little eise than a species of suicide. Nor is the destructive influence of the climate confined to the whites only; the blacks, though in a less degree, are affected by it, and often die in great numbers. (See Tulicot, Report on the Health of the Troops, \$c.)

Objects of the Colony. — This colony was founded in 1787, partly as a commercial establishment, but more from mistaken and ill-considered notions of humanity. Being intended to consist principally of free blacks, who were to be instructed in the Christian religion, and in the arts of Europe, it was supposed it would become, as it were, a focus whence civilisation might be diffused among the surrounding tribes. About 1,200 free negroes who, having joined the royal standard in the American war, were obliged, at the termination of that contest, to take refuge in Nova Scotia, were conveyed thither in 1792. To these were afterwards added the Marcous from Jamaica; and, since the legal abolition of the slave trade, the negroes taken in the captured vessels, and liberated by the mixed commission courts, have been carried to the colony. But the efforts made to introduce order and industrious habits, and to lay the foundations of civilisation amongst the blacks, though prosecuted at an enormous expense of blood and treasure, have, we regret to add, been signally unsuccessful. And this, after all, is the only result that could have been rationally anticipated. The laziness of blood and treasure, have, we regret to add, been signally unsuccessful. And this, after all, is the only result that could have been rationally anticipated. The laziness of blood and of the sure notives that stimulate all classes in colder climates to engage in la most of those motives that stimulate all classes in colder climates to engage in laborious employments, are unknown to the indolent inhabs, of this burning region, where clothing is of little importance, and all but dispensed with, where sufficient supplies of food may be obtained with comparatively little exertion, and whore more than half the necessaries and conveniences of Europeans would be positive incumbrances. And had it been otherwise, what progress could a colony be expected to make, into which there are annually imported thousands of liberated negroes, who, if not wholly incapable of civilisation, are, at all events, in the lowest stage of barbarism? The hopelessness of making any beneficial change in the character and condition of the blacks, by keeping up this most pestilential establishment, is now most of those motives that stimulate all classes in colder

pable of civilisation, are, at all events, in the lowest stage of barbarism? The hopelessness of making any beneficial change in the character and condition of the blacks, by keeping up this most pestilential establishment, is now so very apparent, that it may be hoped it will be speedily abandoned. Latterly, indeed, some of the liberated Africans have been carried to the W. Indies, where they may be of some use, which is not the case here.

Commercially considered, Sierra-Leone appears to quite is little advantage as in other points of view. The country round the settlement consists of a vast and all but impenetrable forest, only small patches of which have been cleared and cultivated. The principal articles of export consist of teak and cam wood, with lvory, palm oil, hides, gums, and a few other articles; but their value is inconsiderable, amounting to not more than from 80,0004, to 100,0004, a year. The great article of export from the coast of Africa is palm oil, and of this more than 60 times as much is exported from the coast to the S. of the Rio Volta, several hundred miles from Sierra Leone, as from the latter. We doubt, indeed, whether the commerce with the western coast of Africa will ever be of much importance. The condition of the natives would require to be very much changed, of which there is not the stiffest prospect, before they can become considerable consumers of European manufactures. It is singular, that speculative persons in this country should be bent on prosecuting, without regard to expense, a trade with barbarous uncivilised hordes, while they contribute to the neglect or suppression of the incomparably more extensive and beneficial intercourse we might carry on with the opulent and civilised nations in our immediate vicinity. We are bold to say that the equalisation of the duties on Canadian and Baltic timer, and the abolition of the existing restraints on the trade with France, would do ten times more to extend our commerce than the discovery of 50 navigable rivers, and the possessi

African coast.

The government of Sierra-Leone is vested in a lieutenant governor, assisted by a legislative council of 5 official
mems. The chief justice presides in the supreme court
of law, held alternately in the course of the year at the
different stations under his command; and there are
mixed commission courts for the adjudication of vessels
taken in the slave-trade. The colony is subdivided into
6 districts and about 16 parishes, in each of which are one
or more schools on the Lancastrian or the national system. Total military force (1841) 306 men, besides militia,
&c. Total public revenue of Sierra-Leone and Gambia
in 1839, 20,0002; expenditure, 108,066. In fact this
wretched dependency has cost the British public several

SILESIA.

SSI. George, or Free Town, the cap., is on the S. side of the astuary of the Sterra-Leone river, being surrounded on all other sides by an amphitheatre of mountains about 1 m. distant. The town and par. had a pop., in 1836, of 13,523. Its houses are mostly of wood, and disposed in broad and regular streets; around it are the country-houses of the white residents. The drainage of the town has of late been materially improved, but without much perceptible effect on fax salubrity.

The villages dispersed in different parts of the colony consist of huts, built of wood and thatched with straw, so light that they are easily moved from place to place. The woods and mountains are infected with a great variety of wild animals, and the rivers swarm with alligators. Insects are so numerous and offensive as to be really a plague.

light that they are easily moved from place to place. The woods and mountains are infected with a great variety of wild animals, and the rivers swarm with a great variety of wild animals, and the rivers swarm with alligators. Insects are so numerous and offensive as to be really a plague.

The settlements on the Gambia consist of St. Mary's Island, at the mouth of the river; area, 5 sq. m.; and M'Carthy's Island, about 230 m. up the river. Aggregate pop., in 1839, 4495, of whom only 49 were whites. The trade of this settlement, though inconsiderable, is of more importance than that of Sierra-Leone, the value of the exports, in 1839-40, having amounted to 134,6694.

The Cape Coast command, S. E. of Sierra-Leone, consists of the stations of Cape Coast Castle (which see), Dixcove, Annamaboe, Accra, &c., along the Ashantee coasts. The climate is nearly as insalubrious as that of Sierra-Leone, but since 1838, British troops have not beneated to die in these settlements, the defence of which has been entrusted to a native force of about 200 men. The trade of this part of the coast is of considerably more importance than that of Sierra Leone, the value of the exports, chiefly palm-oil, dye-woods, Guines grains, gold-dust, and ivory, having amounted, in 1840, to 232,0024. An active trade in pam oil appears to have been growing up of late at the river Bonny. (Tullock's Reports; Report os the Colonics of W. Africa, 1841, &c.)

SIGMARINGEN (HOHENZOLLERN-), one of the minor principalities of Germany, which, with Hohensollern-Hechingen, lies mostly between lat. 480 and 480 30 v. and long. 80 35 and 99 35 E., inclosed by Wirtemberg on all sides except the S., where it touches the territory of Baden. H.—Sigmaringen is separated into two portions by H.—Hechingen: its S. portion is watered by the Danube, and the N. by the Neckar, &c. It has an area of 40 sq. m., with a pop., in 1890, of 42,000, nearly all Rom. Catholics. Except in the S. the soil is generally poor; still, however, rather more corn is grown than is required for

in the Committee: but in 1850 the sovereignty was ceased to Prassia.

SILESIA, an important and valuable prov. of the Prussian dominions, having N. the prov. of Posen, E. Poland and Cracow, S. Austrian Silesia, Moravia, and Bohemia, and W. Saxony and Brandenburg. It lies between 49° 40° and 52° N. lat., and 14° 25° and 18° 12° E. about 34 m. Area, 15,711 aq. m. Pop., in 1846, 3,055,809, of whom 1,556,216 are Protestants, 1,476,905 Catholics, and 30,650 Jews. The proportion of Protestants to Catholics has increased considerably since the Prussian conquest. Principal towns, Breslam, Liegnitz, Glogau, Goriltz, Neisse, Glatz, Oppein, &c. It is divided into three regencies, and these again into 57 circles. Surface rugged and mountainous along its S. and S.W. frontier, but in other parts it is either fait, or but slightly undulating; this is particularly the case on the E. side of the Oder. The river now mentioned traverses the whole length of Silesia; and, being navigable for barges almost

to the extreme S. limits of the province, it forms a valuable channel of communication. The other great rivers, the affluents of the Oder, are the two Neissea and the Bober on the S., and the Malapane and Bartach on the N. Soll very various, being in many parts loamy and highly productive, and in parts marshy and sandy. Great part of the regency of Oppeln is covered by vast forests. Principal products, oorn, fax, and hemp, produced in very large quantities: the stock of sheep amounts to about 2,900,000 head; wool, of a very superior quality, now forms, next to linen, the principal article of export from the province: among the other products are beet-root sugar, timber, madder, tobecco, silk in small quantities, &c. Silesia is rich in mineral products. Coal is found in many parts, particularly in the vicinity of Schweidnits, and Neisse, Glatz, &c. There are also valuable mines of iron, lead, sinc, copper, &c.

Manufactures are important and valuable. Linen is the principal product; but for some years past it has been declining, the cotton manufacture having grown up in the interval to a considerable state of advancement. The woollens manufactured are generally coarse, but they

the interval to a considerable state of advancement. The woollens manufactured are generally coarse, but they smploy a considerable number of hands. No accounts have been published, on which any reliance can be placed, of the products and values of the different manufactures established in Silesta. The condition of the inhabs of this prov. has been vastly improved, both as respects their command over the necessaries and conveniences of life, and their intelligence, since they became authierts of Prussia.

lactures established in Silesla. The condition of the inhabs of this prov. has been vastly improved, both as respects their command over the necessaries and conveniences of life, and their intelligence, since they became subjects of Prussia.

An intelligent observer, speaking of Silesla, observes, "In a country where linen is a staple commodity, the majority of the men are weavers, which trade they often exercise in conjunction with their employment as agriculturists; and the women, without exception, are spinners of flax, for we frequently see the better classes pursuing their thread-making occupation, not only in the saloon, but in the promenade, and the lower orders in their huts and on the high road, even while their heads are heavily laden with provisions for the market; but instead of the wheel they use the distaff, which, I was informed, was the prime cause of the superior excellence of the Silesian linen, as the thread is by this process rendered more soft, round, and less inclined to break. There is, however, a wide difference between the inhabs. of Silesia descended from German colonists and the native Silvonians, particularly those who people the districts on the frontiers of Poland. The former are industrious, cleanly, and manufacturing; while the latter are debased by ignorance, mendicity, and superstition; they also resemble their neighbours the Poles, not only in their language, which is a species of Polish patois, but in their sheep-skin jackets and greasy kappetas, neither of which are ever allowed to contaminate scap and water: another point of similarity is their inordinate attachment to bodia, and a deep veneration for Madonnas, saints, and crudâxes. But, perhaps, no distinctive trait of manners more characterises both than their humiliating mode of acknowledging a kindness, their expression of gratitude being the servile. Upadam do nog' (I fall at your feet); which is no figure of speech, for they will ilterally throw themselves down and kits your feet for the trifling donation of a few hal

Empire.

SIMBRSK, a government of European Russia, on both sides the Wolga, having N. the government of Kasan, E. Orenbourg, S. Saratoff, and W. Penza and Nijegorod. Area, 25,000 sq. m. Pop. in 1846, 1,318,390, it consists of a gently undulating plain, having a black, and generally very fertile soil. Besides the Wolga,

SINAI (MOUNT).

It is watered by the Sura and other affuents of the former. Climate in extremes, the summer being hot, and the winter cold TheWolga is annually frozen over for about five months. Rye, wheat, and other grain, are raised in quantities more than sufficient for the consumption. Hemp is largely cultivated, with flax, tobacco, popples, &c. Except among the Kulmucks, the rearing of cattle is not much attended to. In the N. forests are abundant. Distilleries numerous; and besides the coarse goods manufactured by the peasants, there are establishments for the manufacture of cloth, coarse linen and canvass, and coverlets, with glass-works, soap-works, candle-works, &c. (Schwitzler, La Russie, &c., p. 676, &c.)
Simbinss, the capital of the above government, on the Wolga, on an isthmus between it and the Bringa, lat. 860 18' 49" N., long, 469 23' 18" E. Fop. above 13,000. It stands partly on an eminence, which commands a fine view, and partly on a plain. Streets broad and straight; houses mostly of wood, but nest and commodious inside. There are numerous churches, which, with one exception, are all of stone, and two convents. The town is in a fertile country; and, besides large quantities of corn, exports the produce of the fisheries on the Wolga. It is a good deal resorted to by the surrounding nobliny.

SIMPHEROPOL, or AKMETCHET, a town of European Russia, in the Crimea, of which it is the capital, 40 m. N.E. Serastopol. Pop. 4,200. It stands in a fine but not very healthy situation on the river Saighir, and consists of two parts, one new built by the Russian, in the European style, the other, old and occupied by the Tartars. The streets in the former are wide and regular; and it contains the government offices, and a cathedral, said by Dr. Lyall to be by far the handomest ecclesiastical edifice be had seen in Russia (1.142.) Within the last few years some improvements have been made in the Tartar part of the town, but the streets Within the last few years some improvements have been made in the Tartar part of the town, but the streets continue to be narrow, crooked, and fifthy, and it has a mean, miserable appearance.

The celebrated traveller and naturalist Pallas lived for

The celebrated traveller and naturalist Pallas lived for I years in this town. It was his own wish to emitgrate thither, and to enable him to gratify it, the Empress Catherine II. made him a present of an estate in the best part of the peninsula. But being cut off from the society he had enjoyed in Petersburg, and exposed to family annoyances "Pallas became disastisfed with the country and with the climate he had so highly panegyrised. Having sold his estate, he left Simpheropol in disgust in 1811, and returned, after an absence of 43 years, to his native city Berlin, where he died in the course of the same year. (Biographic Universette, art. Pallas.) SIMPLON, a celebrated pass over the Alps, where a magnificent road was constructed by order of Napoleon, establishing an easy carriage communication between Geneva and Berne, in Switzerland, and Millan. (See art.

magnitisent road was constructed by order of Naposeon, establishing an easy carriage communication between Geneva and Berne, in Switzerland, and Milan. (See art. Alrs., Vol. 1, 67.)

SINAI (MOUNT), a mountain of Arabia, near the Gulph of Sues, or upper part of the Red See, atmoots for its connection with some of the most memorable events

SINAI (MOUNT), a mountain of Arabia, near the Gulph of Sues, or upper part of the Red Sea, tamous for its connection with some of the most memorable events of sacred history. It is generally supposed to be identical with the mountain called by the Arabs Djibble Mouse, or Mountain of Moses, or simply El Tor. the Mountain, in the peninsula between the Gulphs of Sues and Akaba, in about lat. 28° 25' N., long. 34° 10' E. The group of mountains to which Sinai belougs, and which also includes Mount Horeb, Mount St. Catherine, and other remarkable summits, is surrounded on all sides by deserts occupied only by tribes of Bedouins, or wandering Araba. The mountains are penetrated by deep champs, edged by bare perpendicular ledges of rock; and the whole has a singularly wild and sterile appearance.

The convent of St. Catherine, founded by the Emperor Justinian, in a valley on the slope of the mountain, is the halting place whence pilgrims set out to ascend to the summit. Being exposed to the attacks of the Araba, it looks more like a fortress than a convent. It is an irregular quadrangular edifice, surrounded by high and solid walls, and covers a considerable extent of ground. To prevent being surprised by their troublesome neighbours, the entrance gate, which is rarely opened, is built up; and on ordinary occasions all access to the convent is by an entrance about 30 ft. from the ground, to which travelers, provisions, &c., are raised in a basket made fast to a rope, pulled up by a windlass. The interior of the convent presents little remarkable, all the apartments and chapels being built of rough stone, without symmetry or order, communicating by crooked and dark passages. The Church of the Transfiguration alone possesses any pretensions to magnificence. It is 30 ft. in length, and 53 in breadth, paved with marble, adorned with a variety of figures. The event to which it relates is represented in mosalc. But the grand treasure of this church, and 53 in breadth, paved with marble, adorned with a variety of figures. The

* Dr. Clarks, who seems to have regarded every opportunity of ralucing the government of Russia as a God-sead, accribes these morpances to its agency! But Lyall has pointed out their true rigin. (I-guil is ice. oil.)

tion of the remains of the saint that is exhibited to her faithful votaries.

Mount Sinal, as every one knows, is almost as famous in the sacred history of the Mohammedans as of the Jews; and it is a curious fact, that there is a Mohammedan mosque within the precincts of this convent. It has also an excellent garden at a little distance, which is reached by a subterraneous passage, secured by iron gates. It produces fruits, plants, and vegetables, in the utmost profusion. The climate is temperate, in consequence of the elevation; and snow even falls in winter.

The ascent to the mountain, which lies through a ravine to the S. W., commences close to the convent. It is steep, but the labour of ascending has been greatly facilitated by rude steps cut in the rock. At the height of about 500 ft. from the convent is a spring of fresh and cold water, covered by a rock, which protects it from the sun and rain. After ascending a little higher, the traveller gains the summit of Mount Horeb, which forms, to use the expression of Laborde, a kind of breast, from which Sinal rises. "Continuing our route from this halting-place by a path, still more rugged and atcep than before, we arrived in about 45 minutes at the summit of Sinal, the apex of a peak not more than 50 yards across at its widest part." (Wellsted, il. 98.)

The height of Mount Sinal has been variously estimated, but according to observations taken by Mr. Wellsted, it may be estimated at about 7,500 ft. above the convent of St. Catherine.

On the summit of the mountain is a dilapidated

St. Catherine.

St. Catherine.

On the summit of the mountain is a dilapidated church, which tradition represents as founded on the spot where, amid thunder and lightning, and the smoke of the agitated mountain, Moses received the Decalogue from the hands of the Almighty. (Exodus, cap. xx.) Truth, however, is seldom unaccompanied with error; Truth, however, is seldom unaccompanied with error; and but a few yards distant from the church are the ruins of a mosque; this mountain, by a singular coincidence, being hallowed alike in the estimation of Jews, Christians, and Mohammedans.

"It seems," says Sir Frederick Hennikes. "to a nec-

cidence, being hallowed alike in the estimation of Jews, Christians, and Mohammedans.

"It seems," says Sir Frederick Henniker, "to a person on the summit of Sinal, as if the whole of Arabia Petras had once been an ocean of lava, and that, while its waves were literally running mountains high, it had suddenly been commanded to stand still." Mount Sinai tseelf, Mount St. Catherine, which is still higher, and the adjacent mountains, rise in sharp, conical, granke peaks; and from their steep and shattered sides huge masses have been thrown down. The prospect from the summit of Sinal is most extensive: the Gulph of Akaba, on the one hand, and that of Sues on the other, with Mount Agrib, on the Egyptian coast, are distinctly visible. Barrenness and desolation are, however, its grand characteristics. "No villages and castles, as in Europe, here animate the picture; no forests, lakes, or falls of water, break the silence and monotony of the scene. All has the appearance of a vast and desolate wilderness, either grey, darkly brown, or wholly black." (Wellsteet, it. 98.) But it is the associations connected with the wountain, and the astonishing events of which it is believed to have been the theater, that inspire those feelings of awe and veneration felt by all who have either beheld or ascended Mount Sinai.

Considerable doubts have, bowever, been entertained whether the mountain now described by reality the Mount

beheld or ascended Mount Sinai.
Considerable doubts have bowever, been entertained whether the mountain now described be really the Mount Sinai of the Pentateuch. It might be expected that the summit of the mountain should enhibit some traces of the stupendous phenomena that are said to have accompanied the manifestation of the Divine presence. But, according to Burckhardt, neither Sinai, nor any of the adjoining summits, exhibits any traces of volcanic action. It is supposed by some that the Dibbel Katerin, or Mount & Catherine, has the best title to be regarded as the true Sinai.

the true Sinai.

Mount R. Catherine, has the best title to be regarded as the true Sinal.

There are really, however, no means by which to arrive at any astifactory conclusions on the subject. All that can with confidence be stated (for monkish legends and traditions go for nothing), is that Mount Sinal must be somewhere in this vicinity; and that though the hypothesis, that the Djibbel Mouse and the Sinal of the Bible be identical, be not free from difficulties, it is as much so, perh-pe, as any other that has been advanced in its stead. (Caisact, Dictionsaire de la Bible, art. Sinal; Shaw's Travels, p. 316., 4to ed.; Laborde's Arabia Petreca, p. 342; Weilsted's Arabia, ii. 90., &c.; Burckhard's Arabia, §c.)

SIND B, an extensive country of N.W. India, between Hindostan and Beloochistan, comprising the lower course and delta of the Indus; extending between lat. 28° and 29° N., and long, 66° and 77° E.; having N. the Punjah and Bahawulpoor territories, E. Rajpootana, S. the Runn of Cutch and the Indian Ocean, and W. Beloochistan

the possession of the relics of St. Catherine, borne by angels to the neighbouring mountain, which still bears her name, and subsequently collected and deposited in a marble sarcophagus in this building! The skeleton of the remains of the saint that is exhibited to her faithful votaries.

Mount Sinal, as every one knows, is almost as famous in the sacred bistory of the Mohammedans as of the Mount Sinal, as every one knows, is almost as famous in the sacred bistory of the Mohammedans as of the saint has there is a Mohammedan mosque within the precincts of this convent. It has also an excellent garden at a little distance, which is reached by a substraraneous passage, secured by iron Egypt has populous town, numerous cânals, and abum. dates and enriches the country near its banks. The elimate of both is hot and dry, and rain is of rare occurrence in either country." But here the similarity ends. Egypt has populous towns, numerous cánals, and abundant harvesta; while in Sinde, such has been the barbarism of the country and government, that miserable villages are even few, and agriculture languishes equally with commerce; the policy of the ameers being to keep the land in a state of nature, that their territories might not attract the cupidity of the surrounding tribes. (Burnez, i. 244.) The various products of Sinde difference, and sugar-cane are among the principal: vines, figs, pomegranates, and even apples, are successfully raised at latta; and wheat, bariey, and the common indian grains, are grown to great perfection in Lower Sinde. There are vast herds of horned cattle and sheep, which are generally larger than those of Hindostan. Camels and buffaloes are numerous. Game is very plentiful, though wood is scarce. Salt and salt-petre efforcesce almost every where on the soil.

The main exports are salt, rice, ghee, hides, saltpetre, cotton, oil, shark's fins, bark for tanning, &c.; with assafortida, and other gums; Cashmere shawls, saffron horses, leather, musk, alum, and various drugs and gems from the countries on the N. and W. The principal imports from India are metals, ivory, tea, tutenague, and other China wares, chintses, broad cloths, arms, and other China wares, chintses, broad cloths, arms, and other Indian and European manufactures; but particularly oplum, in transit from Malwah to Bombay. From Persia and Arabia the Sindlans also obtain silks, swords, carpets, dates, rose-water, coffee, &c. (Pottinger.) Nearly all the trade centres in Kurachee on the Beloochiety town are Tatta, Hyderabad, Kurachee, W. The chief town are Tatta, Hyderabad, Kurachee, W. The chief town are Tatta.

revenue from this article was estimated to amount to 7 lear supees a year.

The chief towns are Tatta, Hyderabad, Kurachee, Kyrpoor, Shikarpore, Larkhann, &c. The Sindians are of a middle sire, alim, and darker than most of the inhabs of Hindostan. Most of them are Mohammedans of the Shitah sect. There is little to praise in their character; they have nearly all the worst vices of an enslaved people. They are, however, brave in the field, and, unlike other Asiatics, pride themselves on being foot soldiers, preferring, also, the sword to the matchlock. Previously to its annexation to the British territory, Sinde was averened by ameers, or military chiefs. A

Previously to its annexation to the British territory, Sinde was governed by ameers, or military chiefs. A British residency was established amongst them, which, after the disasters in Afighanistan, they had the termerity to attack. This led to hostilities in which the ameers were signally defeated by Sir C. Napier in the well contested actions of Meanee and Hyderabad. The country was finally annexed to the Bombay presidency in 1845. (Barmer's Bocharas, &c., 1: 206—299.; Pottinger's Belochistan; Geog. Journ., vil., &c.)

SINGAPORE, a settlement belonging to Great Britain. in S. E. Asia. consisting of a

Great Britain, in S.E. Asia, consisting of a oreat britain, in S.E. Asia, consisting of a small island at the S. extremity of the Malay peninsula, incl. the town of the same name; the latter being in lat. 1° 17′ N., long. 103° 50′ E. The island is of an elliptical form: greatest length, E. and W., about 27 m.; average breadth, 11 m. Area, estimated at 275 sq. m. Pop., in 1836, 29,984; of whom 13,749 were Chinese settlers, and 9,632 Malays. And in 1850, about 50,000, of whom nearly a half are Chinese. The island is separated from the main land by a strait, which, though scarcely 1 m. in breadth, in its narrowest part, was the route usually followed by ships between India and China in the early by ships between it that a fact that a fact the grand commercial highway between the E. and W. portions of maritime Asia now passes along the S. side of Singapore, between it and a chain of desert islands about 9 m. distant; the sifest and most convenient track being so near to Singapore that sh ps, in passing and repassing, approach close to the roads. The town is wholly indebted for its sapid rise and growing importance to its position on this strait. This has rendered it not merely a convenient entrepôt for the trade between the western world and India, on the one hand, and China on the other; but also for that between the former and the Eastern Archipelago, the Philippines, &c.

The surface of the island is low and undulating in some parts, rising into rounded hills, covered with jungle; though none of these is 400 ft. in height. It consists principally of laterite resting on sandstone; its N. and E. principally of laterite resting on sandstone; its N. and E. portions are, however, of granite. It abounds with iron ore: but this is the only metallic product hitherto discovered; though, from the great abundance of tin in the neighbouring countries, it probably exists here also. The climate is hot, with but little variation of temperature: the thermometer usually ranges from 710 to 890 Fahr.; in 1835 the range lay wholly between 770 and 870. (Malcown.) The total annual fall of rain is about 100 inches; the monsoons are little felt; but the island is kept in a perpetual state of verdure by frequent showers. According to Mr. Crawfurd, the summits of the hills are generally sterile; but on their slopes and in the intervening valleys there is occasionally a good deal of fertile generally sterile; but on their slopes and in the inter-vening valleys there is occasionally a good deal of fertile soil. Gambier or catechu, and fine tropical fruits and vegetables, are grown in tolerable quantities. Nutmegs, coffee, and pepper have succeeded; and the produce of the Chinese pepper gardens for 1836 was estimated at 10,000 piculs. Cloves have well-presented Compression the Chinese pepper gardens for 1836 was estimated at 10,000 piculs. Cloves have wholly failed; and the settlement depends for rice on Java, Bengal, and Sumatra, and for pigs, poultry, and cattle, on Malacca. Down to 1837, when they were in part remodelled, the regulations as to land were great obstructions to the clearing, cultivation, and prosperity of the island.

The absence of the elephant and tiger, and other formidable wild animals, and of the swarms of insects companies.

midable wild animals, and of the swarms of insects common in warm climates, are circumstances favourable alike to agriculture and the comfort of the inhabs. The only quadrupeds are some small species of deer, the otter, porcupine, and a few others; but it has a great variety of birds and reptiles. Tripang, and agar-agar, a delicate fern-like sea-weed, are furnished in great abundance by the neighbouring coral reefs and shoals. A few manufactures, including that of pearl sago, agricultural implements, arma, &c., are carried on principally by the Chinese. But, as aiready stated, the entire importance of Singapore consists in its being an emporium for the commerce of the adjacent countries, and of that between Eastern and Western Asia, &c.

The chief imports are cotton and woollen goods, iron,

trium for the commerce of the squeeze Asia, &c.

The chief imports are cotton and wootlen goods, iron, and speiter from Great Britain; opium, indian piece-goods, and canvass bags, from Calcutta, &c.; ebony and cloves from the Mauritius; Banca tha, coffee, and spiece, from the Dutch settlements; raw silk, cassia, tea, camphor, and nankeens, from China; mother-of-pearl, sugar, rice, oil, buillion, and some Chinese goods, from the Philippines; nearly the same articles from Siam and Cochin China; and rice, oil, sapan wood, tortoiseshell, birds, and feathers, camphor, spieces, antimony ore, benjamin, catechu, eagle wood, &c., from the various islands of the R. Archipelago. But a small portion only of these goods is imported for the consumption of the island. The latter, in fact, is essentially an existyfek, the goods brought to it being mostly shipped again for other places. Thus, opium, birds nests, biche de mer, &c., go to China; cotton, pepper, raw silk, and thi to Europe, or arther to Kingland.

opium, birds nests, bichede mer, &c., go to China; cotton, pepper, raw silk, and tinto Europe, or rather to England; British piece-goods and woollens to Manilla, China, Rhio, Siam, Borneo, and Celebes; cotton twist to the same countries; arms to Borneo and Rhio; glass and iron wares to Manilla, China, Sumatra, Java, &c.

The port regulations are upon as liberal and convenient a footing as possible. The attempts hitherto made to impose duties on imports and exports have been successfully resisted; and there are no anchorage, harbour, lighthouse dues, or fees of any description. A register is, however, kept of all exports and imports; and to enable this to be done, reports must be made to the master-attendant by the masters of vessels, and invoices delivered to the superintendent of imports and exports. delivered to the superintendent of imports and exports. The principal merchants and agents are Englishmen; but some, also, are Chinese, who comprise the bulk of the shopkeepers, with by far the most valuable part of the labouring pop. The European merchants transact business on their own account; but the principal part of their employment consists in acting as agents for houses in London, Liverpool, Amsterdam, Batavia, Canton, and the capitals of British India. The language of commercial intercourse is generally Malay. Merchants' accounts are kept in Spanish dollars, divided into 100 parts. The principal weights in use are the picule 133 bs.; the coyan of 40 picule; the bunkal (for gold-dust) = 832 gr. troy; the bug of rice = 2 Beng. maunds, &c. delivered to the superintendent of imports and exports. &c.

Singapore, which is said to have been the earliest place settled by the Malays emigrating from Sumatra,

Account of the Value, in Spanish Dollars, of the Produce experted from Singapore to the under-mentioned Countries in 1848-49 and 1849-50.

Countries.	Value of	Experts.	
Countries	1848-49.	1849-56.	
United Kingdom - America, North - Bouth - France Spain - Spain	Dolls. 1,267,523 137,275 3,281 92,944	Della. 1,200,961 220,238 6,394 150,143 66,177	
Fortugal Holland Hamburgh Denmark Austria Sweden Mauritus	13,041 10,111 81,451 52,747 31,581 25,356 28,344	881 188,442 22,907 39,572 17,781 28,085	
Cape of Good Hope New South Wales Arabia and Persian Gutis Ceylon Manilla China	41,298 111,500 53,048 59,862 86,303 2,434,628	15,666 100,737 94,867 9,613 125,361 1,911,489	
Coshin-China Siem and Pangah Java, Rhio, &c. Borneo Coiches Sumetra	364,217 297,107 613,027 350,027 538,728 251,250	154,746 995,797 951,572 405,206 399,784 289,254	
Pegn, including Rangoon Malay Peninsula India, Penang, and Malacca Other Islands and Places	2,000 655,495 3,480,513 188,712	627,962 2,939,937 223,932	
Total Spanish dollars -	11,049,069	10,455,521	

and an ancient seat of considerable trade, was purchased of the Sultan of Johore by the E. I. Comp. in 1819. It was then an inconsiderable village; but Sir Stamford Raffies, who recommended the purchase, clearly apprehended the advantages of its situation for a commercial entirephi, and the importance of its occupation. It was placed at first under a resident, but had no organised government for several years afterwards. Mr. Crawfurd, author of the able work on the Eastern Archipelago, was governor of Singapore from 1825 to 1826. The governor is now assisted by a council of several salaried officers, and a recorder's court has been established. The miliis now assisted by a council of several salaried officers, and a recorder's court has been established. The military force consists of a wing of the Madras native regiment, and a small detachment of artillery. The public revenue, derived from an excise on the consumption of pork, opium, and home-made spirits, government rents, dues, fines, &c. amounted at an average of the three years from 1833 to 1836, to 284,978 Sp. doll. a year; and the expenditure for the same period to 243,224 disto. (Newbold.)

The town of Singapore is as already near already.

The town of Singapore is, as already seen, situated on the S. side of the island, on both banks of the rivulet or salt creek of its own name, stretching thence E. for about 14 m. to another small creek of the same kind. Its about 14 m. to another small creek of the same kind. Its central part is occupied with the dwellings of the merchants and the military cantonments; the Malay quarter is at the E., and the principal Chinese and commercial quarter at the W. extremity, on the right bank of the rivulet, crossed by a wooden bridge. The streets are in general regularly laid out, and the houses superior to those of Penang, though the best are only of brick. On a hill N. of the town is the government house: the other principals buildings are the court-house, such new case. a hill N. of the Town is the government house: the other principal buildings are the court-house, gaol, new castom house, missionary chapel, Armenian church, and the Singapore Institution, founded by Sir S. Raffles, for the cultivation of the languages of China, Slam, and the islands of the Malay archipelago. At present it has an English, a Malay, and a Tamul school, and about 70 pupils: it receives a small pension from government, but is principally dependent on subscription. Ships lie in the roads, or outer harbour, at from 1 to 2 m. from town. The assistance of a number of convenient hightness which are always in readlesse, enables ships to food ers, which are always in readiness, enables ships to or unload with scarcely any interruption throughout the year; and the creek being accessible to the lighters for three-fourths of a mile iuland, the goods are taken in and discharged at convenient quays before the principal

and discharged at convenient quays before the principal warehouses. On a small island, about 60 m. S. E. Singapore, is the Dutch settlement of Rhio, the seat of a Dutch resident, with about 24,000 inhabs. It was originally settled in 1785, and colonised a second time by the Dutch is 1818; but its trade has been almost wholly superseded by that of Singapore. (Neubold's British Settlem in Malacca, 8cc., 1. 266–398.; Cranfurd's Embassy to Siem, it. 345–408.; Malcom's S. E. Asia; Singapore Free Press, 8cc.)

SINIGAGLIA, or SENEGAGLIA (an. Sens Gal-SINIGAGLIA, or SENEGAGLIA (an. Sense usu-lica), a town of central italy, Papal States, leg. Urbino, on the Miss, about § m. from its mouth, in the Adristic, 17 m. W. N. W. Ancons. Pop. 7,000. It is regularly, though not strongly, fortified with a mound and bastions, and the gates are handsome. Its cathedral, of the Co-

SISTOW.

SLAVONIA.

Aug. 2., Oct. 12., and Dec. 11. and 28. Post-office respond paintings, but nothing else very remarkable. The streets are broad, and the town has a nest appearance; but it is indifferently supplied with water, and is said not to be very healthy.

Sinigagila is the seat of the greatest of the Italian fairs. The fair commences on the 14th of July, and should terminate on the last day of that month; but it usually continues 5 or 6 days longer. The duties on goods brought to the fair are extremely moderate, and severy thing is done to promote the convenience of those frequenting it. All sorts of cotton and woollen goods, lace, iron and steel, hardware, jewellery, brandy and flueurs, raw and refined sugar, dried fain, cazeo, coffee, splces, &c. are brought thither by the English, French, faustrians, Americans, Swiss, &c. These are exchanged for the various raw and manufactured products of Italy, and the Levant; consisting, among others, of raw, thrown, and wrought silk; oil, fruits, cheese, alum, ods, sumach, sulphur, &c. The value of the imports at some recent fairs has been estimated at about 2,000,0004. thrown, and wrought sits; oil, fruits, cueese, asum, soda, sumach, sulphur, &c. The value of the imports at some recent fairs has been estimated at about 2,000,000. Accounts are kept in sculd of 20 sold; the scude — 4c. 4c. very nearly; 100 lbs. Sinigagia = 73§ lbs. avoirdupois. The ell, or braccio, measures 25-33 English

dupois. The ell, or braccio, measures 25-23 English inches.

The port belonging to the town, at the river's mouth, is fit only for small vessels. Singlagilis is a bishop's see. According to Polybius, it was colonised by the Romans, A.U.C. 471. Having espoused the cause of Marius, it was taken and sacked by Pompey. (Commercial Dict.; Cramer., Asc. Italy, 1. 238.)

SISTOW, or SISTOWA, a town of European Turkey, prov. Bulgaris, on the Danube, which is here more than § m broad, 36 m. W.S.W. Russchuk. Pop., estimated in Horschelmans Stein, at only 10,000; but by other authorities at 20,000 and upwards, including many Armenian and Greek merchants. It occupies a large extent of ground, surrounded by a palisade and a dry ditch. Mr. Quin says, "Sistow is beautifully situated. A range of well-wooded hills commences a league or two to the W., and extends a considerable way along the right bank of the Danube. The town, rising at the water's edge, winds its way up the undulations of the eminences. After ascending for a while, the houses are lost; then they appear higher up, and the whole is protected by a citadel, which crowns the summit." (Scams Fogage on the Danube, 1. 288.) Sistow has some trade in leather and cotton. It was here, in 1791, that a treaty of peace was signed between Austria and Turkey, after the latter had lost Rimnik, Ismail, &c. to the Russians. (Stade's Germansy and Russia, &c.)

SITTINGBOURNE, a town and per. of England, e. Kent, lathe Scray, hund. Milton, on the road from

of peace was signed between Austria and Turkey, after the latter had lots Rimmik, ismil, &c. to the Russians. (State's Germsny send Russia, &c.)

SITTINGBOURNE, a town and par. of England, co. Kent, lathe Scray, hund. Milton, on the road from London to Canterbury, 15 m. W. by N. the latter. Area of par., 1,260 acres. Pop., in 1841, 2,352. It consists chiedly of one wide street, running along the high road, and has several good inns. The parish church, a spacious building, has been mostly renewed since 1762, when it was destroyed by fire. The living, worth 1124. a year, is in the gift of the archishop of Cantarbury. In 1508, Queen Elizabeth incorporated Sittingbourne under mayor and jurat, with the privilege of sending 2 mems. to the H. of C., and of holding a weekly market and airs; but these privileges seem never to have been exercised, except as respects the fairs, which are held on Whit Monday. Tuesday, and Wednesday, and Oct.

31 The markets are held once a month.

31 VACHE, or PUTRID SEA, the Pales Putris of the ancients, a lagoon on the east side of the Crimes. On the N. It communicates with the sea of Asoft, by the harrow strait of Yenitath, being every where class sepa-

On the N. it communicates with the sea of Azoff, by the marrow strait of Yenitchi, being every where else separated from it by a narrow, low, sandy tongue of land, stretching N.N.W. from Arabat in the Crimea to opposite Yenitchi, a length of nearly 70 m. The lagoon is shallow, and its W. side, forming the E. shore of the Crimea, is extremely irregular. When the wind blows from the E., the water of the sea of Azoff is forced through the strait of Yeuitchi, and covers the whole surface of the largon, but so dipter though it withinks.

from the E., the water of the sea of Aroft is forced through the strait of Yeuitchi, and covers the whole surface of the lagoon; but at other times it exhibits a large extent of mud, the exhalations from which are, in summer, exceedingly unhealthy. The Salghir, the principal river of the Crimea, falls into this lagoon.

SKIBBEREEN, a town of Ireland, prov. Munster, in the most southerly portion of the co. Cork, on the llen, which is navigable from Baltimore to within a m. of the town, 40 m. S.W. Cork. Pop., in 1841, 4.715. It is a brisk, thriving town, and has a considerable retail trade. It has a par. church, a Rom. Cath. chapel, a Methodist meeting-house, several schools, a dispensary, market-house, barrack, court-house, and bridewell. Petty sessions are held on Wednesdays; and it is a constabulary and coast-guard station. It has several large four-mills and a brewery. The exports, which principally consist of corn, meal, flour, and provisions, are mostly shipped from Oldcourt, 2 m. lower down the river, where vessels of 200 tons load and unload. Markets on Wednesdays and Saturdays: fair May 14., July 10.

to the exhibitions of Lady E. Hastings at Queen's College, Oxford, and to two exhibitions in Christ's College, Cambridge. The town has also another endowed, or Clerk's school, a national school, &c.

Near the church is Skipton Castle, the seat of the Earl of Thanet, supposed to have been originally built soon after the conquest. Though not well placed for a fortress, it was of some consequence in that capacity during the wars of Charles! I. It was dismantled in 1646, but is now a splendidly fitted up noble residence. Skipton is governed by a constable elected annually at the manorial court-leet; and the general quarter sessions for the W. riding are held in its town hall. It has some paper and cutton mills, and a considerable trade in corn, sheep, and cattle, much facilitated by the Leeds and Liverpool Canal, which passes close by the town, Market day, Saturday. Fairs, March 25, Falm Sunday eve, Easter eve, and three Tuesdays next after Easter, for horses, cattle, and sheep; Whitsun eve, Aug. 5, Nov. 20. and 23., for horses, woollen, and linen cloths, mercery and podlery.

SKYE, one of the Hebrides, which see.

SLAVONIA, or SCLAVONIA (Hungar. Tot-Orzage), a prov. of the Austrian empire, usually regarded as forming a part of Hungary, and chiefy included within its military frontier; between the Drave and Danube on the N. and E., and the Save on the S., dividing it from Serria, Bosnia, and Turkish Crostia, and having Austrian Croatis on the W. Area, estimated at shoot 3,600 sq. m.; pop. 336,000, principally Slavonians of the Greek church; but partly, also, German colonists, Gypsies, and Jews. A branch of the Carnie Alps, almost wholly of calcareous formation, runs E. and W. through Slavonia; but these mountains are of no greet elevation, and a large part of the surface is flax. The plains are very fertile, though frequently unhealthy from the presence of extensive marshes along the large in the forests, is extensively pursued. The province of hungary, a force wholly of calcareous formation, the surface of the pro

mon good of all the members of a family; and the pro-fit, if any remain after the taxes and other expenses are

defrayed, is divided among them. In most cases, many married couples, with their children, sometimes to the number of 50 individuals, live under the same roof, cultivate the same land, eat at the same table, and obey the same father. The border-family has to do civil service for the state, as in the repair of post-roads and bridges, draining of swamps, &c., one day per annum for every English acre, and 8 days a year for the village. The borderer's chief tax, besides the furnishing the amiform (government supplying the same, boots, &c.), is the land-tax, amounting, for an entire flef, to from 15s. to 38s. a year. In time of peace, the man-at-arms repairs to his millitary station for 7 days at a time, where the family provides him with food. Besides this, he has the duty of transporting letters, as well as the money and baggage of his regiment, and of performing exercise. For the ordinary service, the number of men on duty amounts to 4,180. In times of disturbance on the Turkish side, or when the plague is drawing near, it is increased to 6,800, and in times of still greater danger, to 10,000. In time of war, the borderer must form a part of the regular disposable force amounts to 34,800 mea; but if the reserve and the landswar be called out, to 100,000. If driven to the last extremity, they can muster to the amount of 200,000 men. (Csaplovicz.) By means of alarm-fires and belis, this immense force may be ssummoned together through the whole extent of the frontier in the space of 4 hours I The borderers are divided into 7 regiments. Every regiment receives its orders ultimately from the council of war at Vienna. The Hungarian Diet has no control over the levy and aupply of these troops; and the schools, the language of the service, and many of the laws in the military border, are exclusively German." (Paget's Hisnagry, &c., ii. 93—103; Csaplovicz, Gernalde von Ungarra; Conterers, Nat. Encyc.)

SLEAFORD (NEW), a market-town and par. of Rogland, co. Lincoln, wapent. Flawwell in Kesteven, on the Slea, 16 m. S.S.E. L defrayed, is divided among them. In most cases, many married couples, with their children, sometimes to the number of 50 individuals, live under the same roof, cul-

Whit monua, and Oct. 20. for cattle and sheep. (Par. Reports, 4c.)

SLESWICK (Germ. Schleswig), a duchy belonging to Denmark, comprising the S. part of the peninsula of Jutland, between lat. 64° 18' and 55° 30' N. and long. 3° 40' and 10° 10' E., having Jutland Proper to the N., S. Holstein, from which it is separated by the Ryder; E. the Baltic, and W. the North Sea. Area, including the adjacent islands, 3,450 sq. m. Pop., in 1845, 362,900. Surface low, and generally flat, being in parts varied only by a few undulating hills. Almost the whole of its western coast is either below or elevated evry little above the sea, being defended from its irruptions (from which, however, it has frequently suffered much) by immense dykes and sluices. The country so protected consists principally of very rich marsh land, affording pasturage for large herds of very superior cattle, as well as great numbers of fine horses. In the interior the soll is sandy, interspersed with heaths, and not very productive, but on the eastern side it is fertile. There are no minerals of importance. The produce of corn, consisting principally of rye and barley, is sufficient for productive, but on the eastern side it is fertile. There are no minerals of importance. The produce of corn, consisting principally of rye and barley, is sufficient for home consumption; and flax, hemp, and potatoes, are also grown. But the raising of cattle and horses forms the staple employment; and these, with butter and cheese, form the principal articles of export. The fishery is carried on to some extent. The deficiency of timber for fuel is compensated by the abundance of turf. The country is mostly open; but it is in parts inclosed with quickset hedges, and the farm-houses are neat, and have a comfortable appearance. The manufactures, which are unimportant, consist mostly of linen, hempen, and wool-

len fabrics, made in the peasants' cottages. Lace is produced at Tondern, and there are a few paper, tile, and other factories. Flensborg is the principal place of trade: Sleswick, Kiel, and Tonningen, are the other chief towns. This duchy preserves several of its ancient laws and institutions; feudal vassalage, however, was abolished in 1805.

laws and institutions; feudal vassalage, however, was abolished in 1805.

Sisswick, a see-port town of Denmark, cap, of the above duchy, at the bottom of the long, narrow guish, or arm of the see, called the Siev, 21 m. from its mosth, and 70 m. N. N.W. Hamburgh; lat. 54° 31′ 15′ N., long, 9° 34′ 45′ E. Pop., according to Horschelmanns Steis, 11,000. Though irregularly built, 'its brick bouses, neatness, and manner of building, make it look like a Dutch town. It has 3 churches, including the cathedral, with several monuments, and a remarkable altar-acrees; several hospitals, a deaf and dumb asylum, schools for the poor, a patriotic union, and other societies, a numery, a savings' bank, with manufactures of isce, woolken stuffs, earthenware, &c. Its commerce has been a good deal increased since the improvements in the navigation of the Siey; still, however, it is accessible only by the smaller class of vessels. It was formerly a member of the Hamscatic league, and a town of some note as early as the 9th century. In its immediate vicinity is the castle of Gottorp, formerly the residence of the duscender of the duchte of Sleswick and Holstein. (Steis* Hamsland, 181 feb. 28 member of the duchte of Sleswick and Holstein. (Steis* Hamsland, 181 feb. 28 member of Member 181 feb. 28 member 181 feb. 28 member 181 feb. 28 member 181 feb. 28 member 28 feb. 28 member 28 feb. 28 feb

of the duchies of Sieswick and Holstein. (Stein's Handbuck der Geog., &c.)

\$\$LiGO, a marit. co. of Ireland, prov. Comnaught, having N. the Atlantic Ocean, E. the co. Leitrim, S. E. Roccommon, and S. W. and W. Mayo. Area, 434,897 area, of which 168,711 are mountain and bog, and 8,360 water. Surface much diversified; but though it has a considerable extent of level rich land, it is, speaking generally, mountainous, rough, and boggy. There are a few pretty large extates; but a considerable portion of the co. is divided among small proprietors. The statements as to the mode of occupying land, its management, and the condition of the inhabs., given under the notice of the co. Leitrain (which see), may be applied with little or ne modification to this co. The great increase within the last few years in the amount of the exports from the town of Silgo, show that there must have been a corresponding few years in the amount of the exports from the town of Silgo, show that there must have been a corresponding extension of cultivation in this co. and the contiguous portions of Leitrim. But unhappily the extension, and even improvement of ultilage in Ireland, is not always accompanied by any corresponding improvement in the condition of the occupiers, which is here extremely had. The con-acre system (see aut., p. 40.) has made much progress in this co.; the competition for land is extreme; and the occupier of any overrented patch that may choose to part with it, never falls to get a considerable sum as "tenants right." Average rent of land, 10s. 8d. as acre. It has neither minerals nor manufactures of any importance. Principal rivers, Gavege, Arrow, Awksacre. It has neutror minerals not manufactured importance. Principal rivers, Gavoge, Arrow, Awamore, &c. It is divided into 6 baronies and 39 parishes, and returns 3 mems. to the H. of C., two being for the and returns a mems, to the H. of U., two being for the co. and one for the bor. of Sligo, the only town of any importance in the co. Registered electors for the co., in 1849-50, 380. In 1841, Sligo had 31,443 inhab. house, 32,837 families, and 180,886 inhaba., of whom 89,563 were males, and 91,323 familes.

32,837 families, and 180,886 inhabs, or whom 89,563 were males, and 31,323 females.

Stato, a parl. bor. and sea-port town, on the W. coast of Ireland, prov. Connaught, cap of the above co., at the bottom of Sligo Bay, and at the mouth of the river Garvoge, 107 m. N. W. Dublin; lat. 54° 2° N. long. 8° 23° W. Pop., in 1821, 14,181; in 1841, 14,218. The town, which is of considerable importance, and increasing both in wealth and population, is tater-sected by the Garvoge, which has its source in Lough Cill, distant about 3 m. The larger portion, which is on the S. side of the river, is connected with that on the N. by 2 bridges. The streets are irregularly laid out, and those in the older parts of the town are narrow, dirty, badly paved, and badly lighted. Of lase years, however, several new markets, warehouses, and tines of streets, have been erected; and it has a good deal of the bustle and appearance of a place of trade. Water is supplied by public pumps. The town has a library, 2 news-rooms, a small theatre, and a cavairy barrack. The ecclesiastical buildings comprise the parchanel. Positions convent and places of worship of barrack. The ecclesiastical buildings comprise the per-churches of St. John and Calry; a large Rom. Cash. chapel, a Dominican convent, and places of worship for Presbyterians, Independents, and Wesleyan Methodists. The ruins of Sligo monastery deserve notice for their architecture and for a monument of O'Conor Sligo, who died in 1623. There are 2 par. schools, a school in con-nexion with the Board of National Education, one on the foundation of Erasmus Smith, and one under the incorporated Society. The County Infirmary, Fever Hospital, and Dispensary, and a mendicity association, are within the town. A Lunatic Asylum is now (1856) being erected.

being erected.

The bor., which was chartered by James I. in 1614, is divided, under the Irish Municipal Reform Act, 3 & 4 Victoria, cap. 108., into 3 wards, and is governed by a.

mayor, 5 other aldermen, and 18 councillors. Shgo re-turned 2 mems. to the Irish H. of C., and since the Union it has sent I m. to the Imperial-H. of C. Area of parl. bor, 3,001 acres; of municipal do., 417 acres. Registered electors, in 1849-50, 603.

A board of commissioners, appointed under local acts, superintends the police of the town, and the improvement and regulation of the quays and harbour, with power to impose rates for those purposes. Under their management, the port has been a good deal improved. management, the port has been a good deal improved. An extensive new quay and warebouses have been erected outside the bar; and though rather difficult of access, the port is now very tolerable. There are about 13 ft, water close to the quay, so that vessels of 250 and 300 tons come up to the town. The assizes and general tons come up to the town. The assizes and general sessions of the peace for the co. are held here; the latter four times in the year; and petty sessions every Thursday. The court-house, though a modern structure, is too small for the convenient despatch of business. The co. gaol, a large and well constructed building on the polygonal plan, is furnished with a treadmill. The Sligo union workhouse, built for the accommodation of 1,710 immates, was opened in 1841.

The linen trade, which was formerly carried on with

The linen trade, which was formerly carried on with some spirit, is now nearly extinct. The town has several flour mills, a distillery, and four brewerles. The markets for corn and butter, on Tuesday and Saturday, are held in buildings erected for the purpose. There is a valu-able salmon fishery close to the town.

Sligo is the entrepot of an extensive country, and has a consequence, a considerable and increasing trade.

able salmon fishery close to the town.

Silgo is the entroph of an extensive country, and has, in consequence, a considerable and increasing trade. The exports consist almost wholly of agricultural produce; thus, in 1835, the total estimated value of the exports amounted to 369,4504, of which the value of corn, meal, and flour made 185,4141, and that of provisions (beef, pork, &c.) 191,3361. The imports consist of colonial products, English goods, tobacco, wine, coal, sait, &c., for the use of the town and the country dependant upon it. Gross customs' revenue in 1849, 25,1391. Post-office revenue in 1849, 1,3661. Branches of the Bank of Ireland and the Provincial Bank are established in the town, which has also 3 newspapers.

The intercourse between the port and Lough Gill, and the surrounding country, by the Garvoge, is prevented by a dam thrown across the latter for the use of the large flour mills. This obstruction is much complained of, and will, probably, at no distant periods be removed. The country in the vicinity is highly picturesque, and has many fine sents. The pop. is comparatively respectable, and well off. (Boundary and Railway Reports; Thom's Almanacc, &c.)

SMOLENSKO, a government of European Russia, between the 53d and 57th degs. of N. lat. and the 30th and 35th E. long., having N. the governments Pakof and Tver. E. Moscow and Kaluga, W. Witepak and Moghilef, and S. Orlof and Tchernigof. Area estimated at 20,230 sq.m.; pop. in 1846, 1,170,600. Surface mostly an undulating plain, in some parts marshy; in the N. is a more elevated plateau, in which the Dniepr and several ther rivers have their source. The soil is generally fertile, and more corn, principally rre, is grown than is required for home consumption. Hemp, flax, tobacco, and hops, are cultivated. Cattle breeding is less attended to; but a good many hogs are reared. The forests are very extensive, and are, in fact, the chief sources of wealth. Game is very plentiful: and bees are reared almost every where. Iron, copper, and sait, are fou

Wilna, and Moscow. It is divided into 12 circles. Smolensko, a town of European Russia, cap. of the above gov., on the Dniepr, 220 m. W. by S. Moscow, lat. 54° 47° 11′ N., long. 32° 2° E. Pop. nearly 10,000. It is situated on both sides the river, and is surrounded by a massive wall flanked with towers. It appears to advantage at a distance, but is in reality a poor town, the houses being mostly of only one story, and built of wood; but since it was burned by the Russians, previously to their evacuating it on the advance of the French in 1812, it has been partially rebuilt of stone and brick.

brick.

Smolemsko has 3 cathedrals, in one of which is a bell weighing 350 cwts; 16 Greek churches; 3 convents; a Lutheran and a R. Catholic church; a seminary; gymaisum; a military school for nobles; several hospitals; and some carpet, hat, soap, and leather factories. In 1838, the erection of an iron pyramid was commenced here, intended to commemorate the resistance made by the town to the French in 1812.

Smolemsko is of considerable antiquity. It has suffered numerous viciasitudes, but has always been a town of some consequence.

some consequence.

SMYRNA, an ancient and celebrated city and sea-port of Asia Minor, the greatest empo-

rium of W. Asia, on the W. side of the Meles, a stream which, though of small dimensions, has acquired an immortality of renown, at the bas acquired an immortantly of renown, at the bottom of the gulph of its own name (an. Hermine Sinese), lat. 380 35' 56" N., long. 270 6' 45" E. Ita pop. may be estimated at from 120,000 to 150,000, more than half being Turks, and the rest Greeks, Jews, Armenians, Franks, &c. It is surrounded, at some distance, by an amphitheatre of loty mountains, which leave it open only towards the sea; and immediately adjoining the city, on the W., is the ancient Moss Pages, which commands a noble view. This eminence is now called the Castle Hill. from a citadel exected on its summit. In the 12th only towards the sea; and immediately adjoining the city, on the W., is the ancient Moss Pagus, which commands a noble view. This eminence is now called the Castle Hill, from a citsdel erected on its summit, in the 18th century, by the Emperor John Comnenus. "A triangular plain, spread at the foot of this hill along the shore, and the slopes of the hill itself, compose the site of Smyrna. One side extends along the shore from W. to E. for about 24 m. The Turks occupy the upper part of the city, their streets hanging down the slopes of the hill; the Armenians are in the centre; the Jews have two or three different places around both; and the Franks spread themselves in the flat ground and close to the shore. Extending S.E. is a plain filled with gardens; and every part of the city is interspersed with shady trees." (Burgea's Greece and the Levant, ii. 67, 68.)

The view of Smyrna from the bay, rising amphitheatrewise from the water's edge, backed by the hill crowned with its old castle, is grand and impressive. Unfortunately, however, its interior has all the odious features common to most Turkish towns. " If a first view be calculated to make a favourable impression, this is not confirmed

to most Turkish towns. "If a first view be calculated to make a favourable impression, this is not confirmed by an inspection of the interior of the city. The Frank quarter is dirty, ill paved, and narrow; in addition to which, it is rendered almost impassable by long strings of camels and porters carrying huge bales of cotton. The houses (excepting those of the consuls and principal merchants, which are large and commodious) are miserably built; the sides consist often of planks; and when of bricks, the walls are too thin to keep out cold and damp. Neither windows nor doors are made to shut close; and if locks appear on the latter, it is too much to expect that they should be serviceable. There is a great lack of accommodation for travellers. The only inn in the town contains but a single decent room; and the expect that they should be serviceable. There is a great lack of accommodation for travellers. The only inn in the town contains but a single decent room; and the noise of revelry is incessant. Besides this, there are three boarding-houses; but furnished lodgings are not to be procured, nor can furniture be hired for a few weeks or months. The apparatus commonly used for supplying warmth to the body in cold weather is a brazier placed under the table, which is covered by a large cloth held by each member of the family circle up to the chin, to prevent the heat from escaping. Grates and stoves have of late years been introduced; but they are still rare, and to be seen only in Frank dwellings. The shops are little dark rooms, but tolerably supplied with European articles. The hazaars, with their long covered rows of stalls, built with sundry precautions against fire, whose ravages are awfully common, are secured by iron gates closed at night. As to the rest, Turkish towns in general offer little variety, and the description already given of Constantinople applies to Smyrna, except as regards the finer buildings, greater extent, and gaudy exterior of the capital." (Elitot's Travels, ii. 84—36.) Smyrna suffered severely from a fire in 1845.

the finer buildings, greater extent, and gaudy exterior of the capital." (Elitotic Travels, it. 34—26.) Smyrna suffered severely from a fire in 1845.

The principal buildings of Smyrna are, the bazaar and bezezieine, or market-place; the vizier-khan, constructed of the marble ruins of the ancient theatre; the palsee of the marble ruins of the ancient theatre; the palsee pital in the N.E. part of the Frank quarter, supported by the Greeks, Franks, and other Christians, which ranks high in Turkey for its school of medicine. Its buildings comprise a laboratory, and three sets of wards around a courtyard shaded by rows of trees. The castle on Mount Pagus is very extensive, and occupies the site of the ancient acropolis. This fortress has been frequently repaired by the Turks, and accordingly presents an incongruous intermixture of architecture; but it is now mostly deserted, and in ruins, though a few old cannons be still mounted on its walls. Within are some vaults and cisterns, supposed to be coëval with its foundation; and a large but abandoned mosque, formerly a church dedicated to St. Polycarp, bishop of Smyrna, who is supposed, though on no very good authority, to have suffered martyrom mear the same apot. Smyrna was the seat of one of the seven Apocalyptic churches. (Rev. if 2) And according to Mr. Elliers.

Smyrna was the seat of one of the seven Apocalyptic churches. (Rev. il. 9.) And, according to Mr Elliott, "there is not one of these churches within whose precincts the trumpet of the gospel now gives so distinct and certain a sound. While Mohammed is acknowledged in certain a sound. While Mohammed is acknowledged in 20 mosques, and Jews assemble in several synagogues, the faith of the Messiah is taught in an Armenian, 6 Greek, and 2 R. Catholic churches, and in 2 Protestant chapels, one connected with the English, the other with the Dutch consulate." (Trew. ii. 45, 46.) The Armeniana have a large academy at Smyras.

Being surrounded, as already stated, by an amphitheatre of mountains, which concentrate the rays of the
sun and interrupt the breeze, the heats at Smyrna,
from June to the middle of Sept., are usually intense;
and if the ésbat, or esa-breeze, fall, the inhab, are almost
suffocated. This great heat and want of ventiliation, Johaed
to the filthy and crowded state of the streets and houses,
and the want of any efficient precautions on the part of
the authorities, seldom fails to generate the most destructive diseases; among which, the plague not unfrequently makes its speerance, and commits dreadful
ravages. At such periods all commercial and social intercourse immediately cease; and the Frank inhab, retire
to and shut themselves up in their country houses in the
surrounding villages. The Turks, who are firm predestinarians, have hitherto taken few or no precautions to
counteract the progress of the infection, or to guard
against it; but it is stated by late travellers that some
change is now beginning to take place in this respect,
and that the principal Turkish inhab, are slowly adopting some of the devices by which Europeans attempt to
ward off the malady. (Chandler's Asia Minor, chap. 19.;
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Part and Commerce.—Thouse frouncetty overthrown

against it; but it is stated by late travellers that some change is now beginning to take place in this respect, and that the principal Turkish inhab, are slowly adopting some of the devices by which Europeans attempt to ward off the malady. (Chandler's Asia Minor, chap. 19.; Burgess, it. 76.)

Port and Commerce.— Though frequently overthrown by earthquakes, and laid waste by hootile incursions, the excellence of her port, and her advantageous situation for commerce, has always made Smyrna be rebuilt; and she still continues to be a great city, while Ephesus, Milletus, and other celebrated emporiums on the same coast, have, from the filling up of their harbours, been long since reduced to total ruin. The Guiph of Smyrna, the entrance to which is between the island of Myrllene on the N., and Cape Carabourum on the S., is deep and angular, the distance following a ship's course from the satrance to the city, being about 11 nautical leagues. There is excellent anchorage in most parts of the Guiph, merely avoiding the shoals on its N. side. Ships of large burdem usually anchor abreast of the city in from five to seven fathoms; but the water is so deep that they may lie close alongside the quays. The fabet, or seabreeze, blows from morning till evening during the bot months, and is always waited for by ships going up to the city; and there being no obstructions in the way, the services of pilots are not required. In the night a hand breeze generally blows from the city out to sea.

The principal articles of import consist of grain, furs, from, butter, &c., from Odessa and Taganrog; and of cotton stuffs and twist, slik and woollen goods, coffee, sugar, cochineal and dye woods, iron, tin, and tin plates, rum, brandy, paper, cheese, glass, wine, &c., from Great Britain, France. Italy, the U. States, &c. Coffee is, perhape, the most considerable article: it comes principally of most of the foregra ships frequenting the perhaps have been considerable. There range of the surface of which more than a half are bound for Gre

SNOWDON.

other provisions, are continually passing to Smyras Mr. Burgess gives the ordinary prices of certain articles as follows:—Eggs & to 6 pars each; milk 30 de, or oke; a small loaf 6 or 8 do.; melons 30 parss the oke, grapes 30 do.; mutton 2 plast. 10 par. the oke; teel little more than half that price, &c.

Most travellers speak of the agreeable society me with in Smyrna; and the Greeks of the city have began to adopt the manners and costumes of western Europa. Historical Notice.—The accounts of the foundation and early history of Smyrna are obscure and somewhat it was founded by a colony from Ephesus. (Straibs, lib. xiv.) After undergoing various vicisatindes, it was founded by a colony from Ephesus. (Straibs, lib. xiv.) After undergoing various vicisatindes, it was datroyed by Alyattes, king of Lydla, the inhab. being dispersed among the surrounding villages. At the distance of about 400 years, a project for reconstructing the city would appear to have been entertained by Alexander the Great; but, if so, it was not carried into effect by that conqueror, but by Antigonus and Lysimachus. The city would appear to have been entertained by Alexander the Great; but, if so, it was not carried into effect by that conqueror, but by Antigonus and Lysimachus. The city would appear to have been entertained by Alexander the core, but if so, it was not carried into effect by that conqueror, but by Antigonus and Lysimachus. The city would appear to have been onto the foundation of the most populous, wealthy, and handsomest of the Adsait cities. "It is," says Strabo, "the finest city of Aria. Part of it is built on a hill; but the finest edifices are enterplated by the subtle library, and a convenient harbour, which may be shut at pleasure." (Lib. xiv. rab full.) Under the Romans Smyrna enjoyed the greatest consideration, and Marcus Aurelius rebnilt the city, after it had been almost destroyed by an earthquake. It was much frequented by the Sophists; and, along with Ephesus, became renowed as a school of oratory and

in more modern times it has undergone mrumersaw calamities, from which, as already stated, nothing but its admirable situation for commerce could have enabled it to recover. It was taken and given up to military execution by the famous Tamerlane, or Timur Bec, in 1401; and finally came into the possession of the Turks, in 1402.

in 1494.

Smyrna is one of the numerous cities that contanded for the honour of being the birth-place of Homer; and Chlos, perhaps, excepted, she would seem to have the best claim to this proud distinction. Homer's Sunyrand summ ease confirmant; itaque atiam delubrum che in oppido dedicaserumi. "Cleiro pro Archia, cap." From being born on the banks of the Melan, which washed the walls of the ancient as well as of the modern city, Homer is sometimes called Melesigenes.

" Blind Melesigenes thence Homer call'd, Whose poem Phoebus challeng'd for his own."

Whose poem rinerus chaitengul art his ewin.—
Thence, also, Tibullus (lib. iv. eleg. i. v. 210.) calls his poems Meleteas Charias; and Pausanias says (Archeicap. 5.), that a cave was pointed out at the source of the Meles, where they were said to have been composed.
Owing to the influence of earthquakes, and the still more destructive attacks of barbarians, Smyrna has bet few considerable remains of antiquity. They considerable the castle-hill, with some vestiges of the theatre and stidum. Many pedestals, statues, inscriptions, and medals, have been and are still discovered in digging; and perhaps no place has contributed more than this to earich the collections and cabinets of Europe.

It has been supposed by Chandler and others, that the

haps no place has contributed more than this to earich the collections and cabinets of Europe.

It has been supposed by Chandler and others, that the mud and other detritus brought down by the Kolus (an. Hermes), which has its embouchure on the N. side of the Gulph, will, in the end, fill up the channel; and by depriving the city of its port, effectually consummate its ruin. But though this effect may ultimately be brought shout, it is abundantly certain, comparing the banks at the river's mouth with the space that has to be filled up. that a lengthened series of ages must previously elapse.

Besides the authorities already restred to, see Assists Universal History, vii., 410., 8vo. ed., &c.
SNOWDON, a mountain of N. Wales, in Caernarvoshire, being at once the highest in the range of which is forms a part, and in S. Britain. The mountain, which is about 10 m. S.B. from Caernarvon, terminates in various peaks; the particular peak, the Wyddwa (conspicus, to which the name Snowdon is more particularly applicable, and whish caracity out-tops several of the surrounding summits, is 3,871 ft. above the level of the surrounding summits, is 3,871 ft. above the level of the surrounding summits, is 2,871 ft. above the level of the sur. The W. side of the mountain is very precipitous, and is composed partly of pentagonal basaltic column. The view from the summit is very extensive. "I saw from it," says Pennant, "the co. of Chester, the high hills of Yorkshire, part of the N. of Englund, Scotland, and Ireland; a plain view of the Isle of Man; and their

ef Anglesey lay extended like a map before me, with every rill visible." (Towr in Wales, it. 387. ed. 1810.)

8OCISTA (an. Dioscoridis Insula), an island in the Indian Ocean, about 230 m. from the S. coast of Arabia and 120 m. E. Cape Gardaful, in Africa; its chief town being in lat. 12° 30' 2" N., long. 54° 6' 20" E. It is of an elongated shape. Area estimated by Mr. Wellsted at 1,000 sq. m. Pop. probably 4,000 or 5,000, principally Bedouins, with some settled Arabe, African slaves, and descendants of Portuguese. The S. coast of Socotra preserves a convex and nearly unbroken line, but on the N. it is indented with many bays and harbours. The interior may be described as consisting of mountains, nearly surrounded by a low plain of from 2 to 4 m. in width, extending from their base to the sea. The mountains are highest towards the N.E. part of the island, where their grantite peaks rise to about 5,000 ft.: elsewhere they average nearly 2,000 ft. in height, and consist mostly of a compact cream-coloured primitive limestone. The Island is not well-watered; but the E. is, in this respect, better than the W. portion. The climate does not appear to be particularly salubrious, though it be more temperate than in the adjacent continent. Among the few natural products, the most important is aloes (Alos spicatas, or Socotrino), for which the Island has been famous from the earliest period. This plant is found growing spontaneously and in great abundance on the idles and summits of the limestone mountains, at an elemant of the limestone the limestone of the limestone of the limesto vation of from 300 to 3,000 it. above the sevel of the being placed in a skin, the juice is suffered to exude from them. In this state they are mostly shipped for Muscat. Formerly the parts of the island producing the aloe were farmed out to different individuals, the produce being taken at a low fixed price by the Sultan. At present, any one collects the aloe leaves who choose to take the trouble, and nothing is levied on the Sultan's account. The quantity exported of late has varied very much: in 1833, it amounted to 33 skins, or 2 toms; and the best sold for 1 rupee the Bengal seer (nearly 1 lb. English); while of the more indifferent, 4 seers might be procured for a doilar. (Weltsted.) Dragon's blood is the article next in importance: it is the produce of a leguminous tree, the Pterocarpus draco, which grows on the mountaina. Tamarinds, tobacco, and dates (important as food), are also grown. Agriculture is in an exceedingly low state; a species of millet being the only grain cultivated, and it is little used unless a failure of milk and dates be experienced. The animals are camels, sheep, goats, own, asses, and civet cats. Sheep and goats are kep in large flocks in every part of the island; they are generally of inferior kinds, while the cattle, on the contrary, though small, are very superior, and appear to be of the European variety. The trade is principally with Musent, whence dates and other provisions are chiefly imported. According to Arrian, the inhabs of this island were, in antiquity, subject. "to the kings of the incense-country, or Southern Arabia. At present Socotra belongs to the Sultan of Kisseen, but his supremacy is little more than mominal, the government being chiefly delegated to one of the principal inhabs., who again exercises little authority, except over the Bedouin, or native pop. The tribute nominal, the government using chieff delegated to one of the principal inhabs, who again exercises little authority, except over the Bedouin, or native pop. The tribute to the Sultan barely amounts to 200 dollars a year. The population is wholly Mohammedan. The women go unveiled, and are partly occupied in tending flocks, and partly in making giue, and carding, spinning, and weaving

wool.

The only town of any consequence is Tamarida, on the N.E. shore, in the centre of a bay which affords tolerable anchorage. Having been ruined by the Wahabees, in 1801, it consists of only about 180 straggling and diapidated houses, not more than one third of which were inhabited in 1834. The town had then but two shops, where the only articles exposed for sale were dates, grain, tobacco, and cloths. (Wellsteff in Geog. Journal, v. 129—229.) -229.)

grain, tobacco, and cloths. (Wellsted in Geog. Journal, v. 129—29.)

SOHAM, a market-town and par. of England, co. Cambridge, hund. Staplee, near the borders of Suffolk, 6 m. S.S.E. Ely. Area of par., 12,420 acres. Pop., in 1841, 4,162. The town, which is irregularly built, covers a good deal of ground. The par. church is of various dates, one portion being late Norman. The living, a rectory, worth 550.4 a year, is in the patronage of the present incumbent, who also holds the rectory of Soham-Earl, worth 510.4 a year. (Ecc. Rev. Rep., 1831.) Soham has numerous charkies, especially Bishop Laney's, for apprenticing children of the par., with an annual revenue of rear 400.; a large charity-school, and several almahouses. The fenor mere, which once covered the adjacent country, has been drained and cultivated, and supplies most part of the dairy produce, for which Soham is celebrated. Market-days, Saturday. Fair, May 7., for horses and cattle. (Perl. Rep.)

SOISSONS (an. Noviodewsum, post. Augusta Sucasaronem), a fortified town of France, dep. Aisne, cap. arroad.; on the Aisne, here crossed by a handsome

kingd. of its own name in the 6th and 7th centuries. It was frequently besieged and taken in the middle ages, and was the scene of some severe fighting between the French and the allies in 1814. (Hugo, art. Aisae; Dict. Glog., &c.)

801.07 HURN (French Solewer), a canton of Switzerland, in the N. W. part of the Confederation, between lat. 47° and 47° 80°, and the 7th and 8th degs. of E. long.; having N. Basle, E. and S. E. Aargau and Lucerne, and on its other sides the canton of Berne. Area 28°s q. m. Pop., in 1800, 60.674, mostly all R. Catholics. Though of a very irregular shape, it may be divided into two nearly equal portions; the N. W. covered with ranges of the Jura Mountains, and the S. E. comprised in the valleys of the Aar and Emmen. Some of the summits in the former rise to about 4,000 ft. above the level of the see; but though rugged, this part of the canton has a large extent of fine upland pastures. In the other, or lower portion of the canton, the ground is fertile and well-cultivated; so that, on the whole, Solothurn is regarded as one of the most productive portions of Switzerland. More corn is grown than is required for the consumption of the inhabs.; the vine does not succeed, but a good deal of fruit is notwithstanding grown for exportation. The rearing of live stock is here, however, as in most other-Swiss cantons, the chief branch of rural industry. In 1838, it was estimated to have about 28,000 hornet cattle, 14,000 sheep, and 16,400 hogs: the latter are fed in the woods, which are tolerably extensive. The cattle are esteemed among the best in Switzerland; they are of a peculiar large-tailed breed, and with horses, cheese, cherry brandy, fire-wood, and marble, constitute the principal articles of export. Only a few hands are employed in mining; and the manufacturing establishments are mostly confined to a few iron works, stocking and cotton looms, paper millis, tamneries, and printing houses. The currency, weights, and many usages of this canton, are similar to those of Berne.

Under the C

hospital, house of correction, barracks, theatre, &c. It has, also, a gymnasium, a botanie garden, and a public library, said by Bebl to comprise 10,000 vols. On the whole, however, the town is duil, having few manufactures, and but little trade. The Pollah patriot and general, Kosciusko, resided here during the last two years of his life, which terminated on the 18th of Oct. 1817. His remains were carried to the cathedral of Cracow, where they repose beside, those of the famous John Sobieski. (Strokmeter, Der Kaston Sobieskars) Ploot, Statist, de las Sesiae; Bed.)

SOMERSET, a maritime co. of England; having N. and N. W. the Bristol Channel, the Severn, and Gloucestershire, E. Wiltshire, S. Dorset and Devon, and W. the latter. Area, 1,052,000 acres, of which about 200,000 are supposed to be arable, meadow, and pasture. With, peraps, the angle exception of Yorothirch term, peraps, the angle exception of Yorothirch even mountainous; in its middle part, between the rivers Ax and Pary, there are very extensive tracts of marsh land, which, in some places, are of extraordinary fertility: in other places again, there are very extensive tracts of marsh land, which, in some places, are of extraordinary fertility: in other places again, there are very extensive tracts of marsh land, which, in some places, are of extraordinary fertility: in other places again, there are extensive moors, of which Exmoor, at the W. extremity of the co., is the principal But, exclusive of these, the co. contains a large extent of land equally adapted for tillage and pasturage. The Vale of Taunton is one of the richest and most beautiful tracts in the kingdom. Tillage husbandry is neither extensively carried on, nor in the most approved manner. The land is not injured by overcropping, but it is not properly wrought, and is frequently foul, and out of erder. Principal crops, wheat, oats, barley, and beans. In the southern and interior parts, the rotation is, 1 failow, 2 wheat, 3 so ats or barley, the decidency of the contract of the contract 991,7464. SOMERTON, a market-town and par. of England,

SOPHIA:

co. Somerset, on rising ground beside the Carey, 11 m.

S.S.W. Wells. Area of par., 6,000 acres. Pop., in 1941,
1,981. The town consists of some small streets, with
houses mostly of blue liss stone; and has a town-hall, in
which petty sessions are held, and one of the co. gaols,
The church, an ancient structure, has an eight-sided
embattled tower, 68 ft. in height. The living, a vicaraga,
worth 2694. a year, is in the gift of the Earl of Itchester,
Somerton has a good free-school, and an almahouse for
8 poor women. Though supposed to have been a Romsen
station, there is no information respecting it till the Heptarchy, when it was a considerable fortified town, and the
residence of ina and other kings of Wesser. Hence it
abounds in Saxon antiquities, including parts of the
ancient walls, a round tower, and the castle, in which
John king of France was imprisoned subsequently to his
capture at the battle of Poticiers.

SOMME, a dep. of France, reg. N., comprised mostly

capture at the battle of Potciers.

SOMME, a dép. of France, reg. N., comprised mostly in the old prov. of Picardy, between lat. 49° 37° and 36° 20° N., and long. 1° 25° and 3° 10° E.; having N. Pas-declais, E. Aisne, S. Oise, and W. Seine-Inférieure and the English Channel. Area, 614,387 bectares. Pop., in 1846, 570,528. Its general slope is towards the N.W., which direction is taken by its principal rivers, consisting of the Somme, which divides it into two nearly equal parts, the Authic, forming a part of the N. boundary, and the Bresle, bounding it on the S.W. The Somme rises at Fonsomme in Aisne, and runs generally N.W. to the English Channel, which it enters a little below 28. Valery, nearly opposite Hastings, by an asstuary from 3 parts, the Authic, forming a part of the N. boundary, and the Bresie, bounding it on the S.W. The Sommer lies at Fononome in Aine, and runs generally N.W. to the English Channel, which it enters a little below St. Valery, nearly opposite Hastings, by an astuary from 3 to 4 m. wide, after a course of about 120 m. Its principal affluents are the Arve and Celle; St. Quentin, Ham, Percone, Amienu, and Abbeville are on its banks. The Somme is navigable for about half its course, but its navigation is interrupted by shoals. The lateral canal of the Somme (Cassal de Piccortic), 96 m. in length, commences at Abbeville, and connects this river with the Oise. This dep. has generally a naked aspect. In 1834, according to the Official Tables, it comprised 476,363 bect, arable land, 15,432 do. meadows, 20,550 do. orchards, &c., and 51,207 do. woods. Agriculture is more advanced than in most French deps.; le cultivateur est leboricus et degagé de prifugés. (Hugo.) More corn is grows than is required for home consumption; in 1835, its produce was estimated at nearly 5,758,000 hetcol., principally wheat, maslin, and oats. About 200,000 hetcol., principally wheat, maslin, and oats. About 200,000 hetcol. of cider, and 100,000 do. of beer, are produced annually. Cattle and sheep are numerous, and the produce in wool is stated to be about 780,000 kilog. a year. In 1835, of 98,937 properties subject to the contrib. fonocère, 132,745 were assessed at less than 5 fr. Mineral products are of little importance; but the deep, is distinguished for its manufactures. Woollen, cotton, and Abbeville; cotton and linen thread, oll, and leather at Percone, Ham, Doullens, &c. Escarbotin is the seat of some of the largest hardware factories in the kingdom; and machinery, paper, and beet-root sugar, are produced in considerable quantities. Somme is divided lato five arronds: chief towns, Amiens the Chp., Abbeville, Doullens, Montdidier and Feronne. It sends 7 heems to the Constitution of the Philippines; in 1773 they greated on a large trade with

could have been chosen for a city; sunk in a hollow, it is constantly liable to be inundated; and without canals to carry off the superabundant waters of the Isker, the plain carry off the superanumdary waters of the isker, the plain is almost iout to the labour of the agriculturist. The habitations are all made of baked mud; and I scarcely saw one which ought to be qualified with any other appellation than that of hovel." (Greece, \$c., ii. 265). Sophia is, however, the residence of the begier-beg of Roumelia, and of Greek and Rom. Cath. archishops. It has manufactures of woollen and silk stuffs, leather, that the state of the country of
It has manufactures of wooilen and silk stuffs, leather, and tobacco, and an extensive general trade. There are some warm baths. This city, founded by Justinian, was built, it is said, on the ruins of the anc. Sardica. (Burgess's Greece, and the Levant, ii.; Dict. Giog., &c.). SORA, a city of the Neapolitan dom. Terra di Lavoro, cap. distr., on the Liris, 50 m. N. N. W. Capua. Pop. 10,000. (Rampotdi.) "The episcopal town of Sora, retaining its ancient name and situation, is about 3 m. distant from isola, along an excellent road, which terminates with the valley itself at its gates. Here the Liris, flowing from a gien of narrower dimensions, but considerable length, forms a bend round the city, and is crossed by two bridges. The place is consequently in a flat but not unpleasant position; one whole flank being watered by the river, and the hinder extremity resting against an insulated rocky hill, on which are seen the watered by the river, and the inducer extremity reasting against an insulated rocky hill, on which are seen the ruins of its Gothic castle, and those of its still more ancient walls. The dwellings are large, the streets wide and well paved, and the pop. apparently easy and in-dustrious." (Craven's Excussion in the Abrazzi, &c. i.

After its cathedral, in the front of which are a number of inscriptions and fragments of sculptures, the principal buildings are four other churches, several convents, hosstals, and seminaries, a showy modern gateway, &c. The adjacent country is both fertile and well cul-

Sora was of Volscian origin, but became, at an early period, attached to the party of the Samnites; though subdued and colonised by the Romans, it repeatedly threw off their yoke, and vindicated its ancient freedom. Juvenal enumerates Sora among the country towns in which an individual, tired of the bustle and dissipation of Rome, might find a comfortable residence: -

Si potes aveili Circensibus, optima Sors: Aut Fabrateriss domus, sut Frusinone paratur. Sat. iii. 223.

Sora was the birth-place of the Cardinal Baronius. SORIA (an. Numantia), a city of Spain, in Old Castile, cap. prov. of its own name, on, and at no great distance from, the source of the Douro, here crossed by a fine stone bridge, 113 m. N.E. Madrid. Pop. about 5,640. nne stone orige, 116m. N.E. maarid. Top. accut. A.M. It is enclosed by old walls, and has numerous churches and convents, an hospital, Jesuita' college, prison, &c. On the E. it is commanded by an old fortress, now partly in ruins; and on the S. is a considerable suburb. It is dirty and ill-built, with a few silk fabrics, and some trade in

Adjacent to the town, on the N., are the ruins of the famous city of Numantia, destroyed by the Romans, anno 132 B. c. No people ever discovered greater bravery, or made a more gallant stand in defence of their liberties, than the inhabs of this small state. Numantia, quantum Canthonial, Canthon Compilet Compiler in only in the inhabs. Carthaginis, Capua, Corinthi, opibus inferior, ita vir-tuits nomine et honore par omnibus, summunque, si viros astimes, Hispania decus. (Florus, lib. ii, cap. 18.) The conduct of the Romans in this contest was dis-The conduct of the Romans in this contest was distinguished alike by perfidy and vindictive malignity. The Numantines having defeated Pompey, grandfather of Pompey the Great, who had besieged their city, he concluded a treaty with them. But the Romans having, on various pretexts, broken this treaty, sent a powerful army against the Numantines under the consul Mancinus. The latter, however, being even more unsuccessful than Parket.

cinus. The latter, however, being even more unsuccessful than Pompey, was obliged, to save himself and his army from total destruction, to conclude a new treaty with his successful adversaries; who stipulated for nothing but that they should retain their independence, and be reckoned among the friends and allies of Rome.

Tiberius Gracchus, then questor in the consular army, was a principal party to this treaty, the observance of which was sworn to by all the chief officers of the Roman army. But though the Numantines spared by this treaty the lives of 10,000 Roman soldiers that were in their power, and stipulated for nothing that a generous or high-minded people could, under any circumstances, have refused to concede, the senate and people of Rome were base enough to annul the treaty; and sent Scipio Africanus, who had destroyed Carthage, to wage a war of extermination against the Numantines! Scipio, who knew the bravery of those he had to contend with, did not attempt to carry the city by storm; but having did not attempt to carry the city by storm; but having surrounded it by strong lines of circumvallation, left famine to effect its reduction. Notwithstanding their inferior numbers, the Numanines made the most aston-ishing efforts to break through and destroy the works of

the Romans; but having been repulsed, they were reduced to the most dreadful extremities. It is uncertain how the final catastrophe of this noble city was consummated; whether, as Florus affirms (lib. it, cap. 18.), the Numantines set it on fire, and perished in the flames; or whether, as Appian states (In Iber. p. 311.), having surrendered, the small remnant of its inhabs, that were found allie were sold as slaves. One thing only is certain, that the struggle reflects the highest credit upon the Numantines, and the most indelible diagrace on the Romans. It is due to the character of Tiberius Gracchius to state, that he reprobated in the strongest manner the perfdy and had faith of his countrymen in refusing to ratify the treaty with the Numantines. (Besides the authorities already referred to, see Ancient Universal History, xii. 400, 8vo. ed.)

SORRENTO (an. Surrentum), a city and sea-port of the Neapolitan dom., prov. Naples, on the S. side of the Bay of Naples, 18 m. S. E. that capital. Pop. about 8,000. (Rampold.) It is well built and clean; and has been celebrated in antiquity, as well as in modern times, for the beauty of its situation, and the mildiness of its climate, being hence called by Horace Surrentum American Cipist. It is lin. 52.) It is the seat of an archbishopric; and besides the cathedral, has several churches, numerous convents, an hospital, seminary, college, school of navigation, and some slik manufactures. It was supposed in antiquity to have been the seat of the Sireus. (Plin. lib. vic. pp. 5.) But it derives its principal illustration from its having been the birth-place of Torquato Tasso, the greatest of Italian, and, perhaps, of modern poets, born here on the 11th of March, 1544. "Among the many respectable houses termed palaces, which adorn Sorrento, that in which the author of the Gerusalemmet; it is placed on the cliff rising immediately from the sea, and offers some pretensions to elegance of architecture, but probably retains in its outward form no remains of its ancient appearan

Surrentina bibes? nec Murrhina picta, nec aurum. Sume: dabunt calices hasc tibi vina suos. Mart. Epig., lib. xiii. 110.

It was a powerful wine, and did not arrive at perfection till it had been kept above 20 years. Owing to the want of care, the wine now produced from Surrentine grapes is among the poorest in Italy. Near Sorrento are the remains of the villa of Pollius, described by Statius. (See Swinbarne's Travelt, 1.88.)
SOUND. See ELSINEUR.

(See Surisbusne's Tracels, i. 83)
SOUND. See Elsingua.
SOURABAYA, a considerable town of Java, being one of the three principal sea-ports of that island, on the N. coast of which it is situated, about 160m. E. Samarang. It stands about 1½m. from the Strait of Madura, on both sides a river, said to be navigable by boats for 100m. from the sea, and deep enough at its mouth to receive vessels of 220 tons. The town itself is are a number of handsome villas; its vicinity, though low, being less unhealthy than that of Batavia. Mr. Earl says that it is also much more gay and lively than the latter, and well supplied with provisions of all kinds. Sourabaya seems to have the only secure harbour on the N. coast of Java, and the only one in which the shipping is well defended by the batteries on shore. Its chief entrance is commanded by a strong fort on a low island about 9 m. from the town. Several English residents, agents to houses at Batavia, are settled here; though Europeans are upon the whole few. There are numerous Arabe and their descendants. According to Earl, more ships are built at Sourabaya than at any other port of the E. Archipelago: when he visited the place, in 1836, the great ship-builder was an Englishman, employing from 300 to 400 workmen, all of whom lived in a large village adjoining his dockyard. (Earl's Eastern Seas, 47.73.; Hamition, &c.)

SOUTHAMPTON, a parl. and mun. bor., sea-port, and market-town of England, being a co. of itself in Hampshire, at the embouchure of the the Itchen, in an

Inlet of the sea, called Southampton-water, 12 m. S. by E. Winchester, and 70 m. W.S.W. London. Lat. 500 53' 59" N., long. 10 24" W. Pop. of the parl. bor., which is co-extensive with the co. of the town, in 1831, 19,324; in 1841, 27,490. The approach to the town from the London road, through a fine avenue of trees and a well-built suburb, is exceedingly striking. The principal entrance is through Bargate, one of the ancient gates, which also divides the town into 2 parts, called respectively Abore-bar and Below-bar. The High-street below bar, which is more than ½ m. in length, leads directly to the quay, for the improvement of which the water-gate was removed about 40 years ago. The ancient part of the town was formerly enclosed with walls about 1½ m. in circ., of which there are considerable remains on the W. side of the town, and two old gates in addition to Bargate. Many smaller streets branch both E. and W. from the principal avenue, and buildings are rapidly increasing, the space occupied by streets and houses now exceeding 3½ m. in circuit. "The old town occupies nearly the whole of the pars. of St. John, St. Lawrence, Holyrood, St. Michael, and All-Saints-intra. The pars. of St. Mary and All-Saints-extra are extensive, and were till of late years principally agricultural. The town, however, now extends into both of them; and in the latter the new buildings consist principally either of handseme town-houses or detached villa residences. A new road has been formed, extending E. from the Highstreet passes, contain the dwellings of the most respectable and opulent tradespeople: in the latter are the Market-place, Audit-house, Custom-house, exercal of the principal hotels, and the town '' (Mass. Bossed Report.) The whole town is well paved, lighted with gas, and is exceedingly clean: the inhabs. were till lately supplied with water from several springs in the neighbourhood, but from the increase of pop. and the deficiency of water of late years, the commissioners of water-works entered fine a contract for th of late years, the commissioners of water-works entered into a contract for the construction of an Artesian well con Southampton Common, to supply 40,000 cubic feet per day. The old reservoirs on the common are supplied from this well in dry seasons. Besides the buildings devoted to commerce and other purposes, the town has a theatre and assembly-rooms. The military orphan asylum for girls, established by the late Duke of York, and occupying the disuned barracks, has been removed, and the buildings are now appropriated to the establishment for the trigonometrical survey, removed thither from the Tower of London. The handsome suite of baths on the beach have been converted into a dock house and offices for the Southampton Dock Company; but there

on the beach have been converted into a dock house and offices for the Southampton Dock Company; but there are very convenient baths in other parts of the town. The old Saxon castle, repaired by Richard II. in the view of protecting the harbour, was pulled down some years ago, and a private chapel, in which the Church of England service is performed, built upon its site.

The town has five par. churches, three of which are in the gift of the lord chancellor, one in that of the bishop of Winchester, and another in the partonage of Queen's College, Oxford. Holyrood church is an ancient edifice, with a tower and spire, the portico being the site, before the Reform Act, for the hustings at elections for the bor. St. Michael's is a large structure in the Norman style, with a handsome tower and spire between the nave bor. St. Michael's is a large structure in the Norman style, with a handsome tower and spire between the nave and chancel. All-Saints is a Grecian building, with a turret, surrounded by six Corinthian pillars on a square pedestal. St. Mary's, also, is a modern structure, and its extensive burial-ground long served as a general cemetery for the town; but within the last few years, a cemetery of 20 acres has been formed on Bouthampton Common. The Rom. Caths., Independents, Baptists, Wesleyan-Methodists, and Jews have each please of weethin; and share is a Friend's meeting. dents, Baptists, Wesleyan-Methodists, and Jews have each places of worship; and there is a Friends' meeting-house. There are 2 chapels, 1 proprietary, and 1 under trustees in connexion with the establishment, and welltrustees in connexion with the establishment, and wellattended Sunday-schools, with several day-schools, supported wholly or in part by endowment. The grammarschool, founded by Edw. VI., has a small endowment:
the premises have been rebuilt, and furnish accommodation for about 40 boys, boarding with the head master.
An hospital, called the Domus Det. founded in the reign
of Henry III., provides lodging, clothing, and a weekly
stipend to four aged people of each sex. Among other
valuable charities is one left, in 1760, by the will of
Alderman Taunton, which, besides providing for the instruction of 10 boys, furnishes a stipend of 10t. a year for
16 aged persons, and gives rewards to deserving female struction of 10 bys, turnings a superior 10 for. a year for 16 aged persons, and gives rewards to deserving female servants. It has also a female penitentiary, public dispensary, and lying-in charity, a royal humane society, several benefit societies, and a school of industry for 50 girts, founded, in 1828, through the influence of Queen Adelaide. There are several religious societies, a literary

MPTON.
society, a polytechnic institution, with 400 members, are
infirmary, and several news-rooms and subscriptionlibraries. A regatta takes place every summer on
Southampton-water, under the direction and patronage
of the Southampton Yacht Club, and races are held in
autumn on the common N.W. the town. Two newspapers, also, are published every Saturday.
Southampton-water affords good anchorage; and ships
of 250 tons may load and unload alongside the town quar,
close to which is the custom-house. A new pier of weed
and stone, which projects about 460 yards from the shore,
forms a convenient landing-place for passengers from
steamers, &c., as well as a promenade for the inhabs, and
visitors. It has a carriage-drive to its extremity. Docks,
on an extensive scale, have, as already stated, been onstructed, which contribute materially to the commercial
facilities now enjoyed by the port.
Southampton is now become a leading packet station.
The Peninsular and Oriental Steam Navigation Company
run the whole of their vessels from this port to Alexandria
and Lisbon; and the Royal West India Mail-packet
Company start their steam ships from this port alse, and
have a graving dock on the banks of the Ischen for constructing and repairing ships, &c.

structing and repairing ships, &c.

From its position on an inlet of the sea, stretching N.W. from between Portsmouth and the Isle of Wight, From its position on an iniet of the see, stretching N.W. from between Portsmouth and the Isle of Wight, at least 17 m. into the country, and which has been pronged by means of the Itchen to Winchester, 12 m. island, Southampton is the emporium of an extensive district, and consequently enjoys a pretty extensive district, and consequently enjoys a pretty extensive trade. In 1850, there belonged to the port 210 sailing vessels, of the aggregate burden of 13,458 tons, exc. 25 steamers, some of which are large and handsomely fitted up: the gross customs duties amounted, in 1855, to \$1,0167. It may be farther mentioned, as illustrative of the increasing importance of the port, that, in 1830, 286 ships, of the aggregate burden of 37,056 tons, entered inwards; whereas, in 1845, no fewer than 727 ships, of the aggregate burden of 150,056 tons, entered inwards. The real or declared value of the exports from Sosthampton rose, during the same period, from 183,3730 to 1,475,1057. I being an almost unparalleled increase.

Owing to her position with respect to the opposite coast of France, Southampton has been for a lengthemed period an important station for travellers to and from the Continent. In this respect ther importance has wastly

coast of France, Southampton has been for a lengthesses period an important station for travellers to and from the Continent. In this respect her importance has vastly increased since the opening of the South-Western Railway, by which the town has been brought within a three hours' journey of the metropolis. This great undertaking, in which a very large sum has been expended, has gone far to make Southampton an outport, as it were of London. In fact, she is now become the principal station of the steamers for Havre, Dieppe, and other French ports, as well as of those for Lisbon, the Mediterranean, &c. By setting off from Southampton, the difficult navigation from the N. Foreland round by Dover and Beachy Head is avoided; and ships are enabled to proceed on their voyages with comparatively little chance of being delayed by adverse winds. Vast numbers of tourists are also brought down by the railway, attracted by the mildness of the climate, and the beauty of the scenery of the New Forest, the Isle of Wight (to which there are steamers every hour), &c. The formation of the railway from Havre by Roues to Paris has conferred still greater importance on Southampton.

ampton.

Southampton has various private banking establishments, two joint-stock banks, and a savings' bank. Markets, Tuesday, Thursday, and Saturday, for provisious, and on Friday for corn, well attended. Fairs, May 6. and 7., and on Trinity Monday and Tuesday.

and 7., and on Trinity Monday and Tuesday.

Southampton was first incorporated in the reign of Henry I. Under the Mun. Reform Act it is divided into 5 wards, with 10 aldermen and 30 councillors, from which 40 members are chosen the mayor, sheriff, and 2 bailiffs. The mayor and bailiffs are the returning officers of the heaventh Corp. revenues. in 1844, 49 a 860. batilifs. The mayor and balliffs are the returning officers of the borough. Corp. revenues, in 1848-49, 8,862. Quarter and petty sessions are held under a recorder; there is a court for the recovery of debts to any amount; and a county court is established here, before which 1,858 plaints were entered in 1848. The bor. has returned 2 mems, to the H. of C. since the 23 Edw. I., the right of election down to the Reform Act being vested in the inhabs, paying scot and lot. The electoral limits were left unchanged by the Boundary Act. Reg. electors, in 1849-50, 227. It is also the election town for the S. div. of the co. Hants.

of the co. Hants. Southampton is said to have arisen out of the neighbouring Roman station Clauseratems, E. the Itchen, which was succeeded by the Saxon Hantsuse, on the site of the present town. The castle, as already stated, was much enlarged by Richard II., who also strengthened the fortifications about the town and harbour. Henry V. set sail from this port, in August, 1415, at the bead of the troops which, on the 25th of October following, gained the great victory of Agincourt. The inhabs. were actively engaged in the wars of York and Lancaster, in which

is Castie Hill, the seat of Earl Fortescue. (Muss. Corp. Rep. sand Appendix.)

SOUTHWARK. See London.

Area of par., 4,560 scres. Pop., in 1831, 3,386. The town is neat, well built, and well paved. It has a convenient suite of assembly-rooma, a theatre, &c.; but its principal building is the minster, or parish church. This, which is a large and magnificent edifice, is said to be, in part at least, as old as the time of Harold. Its extreme length is 305 ft., its breadth 59 ft., and the length of the transept 12 ft. The W. front has 2 lofty square towers, divided into 7 stories. There is a low massive centre tower, and a chapter-house on the N. side. The nave and transepts are Norman, the parts E. of the centre early English, and the chapter-house early decorated. There are some perpendicular insertions, particularly a very large W. window. Within the church are the monuments of 5 archbishops of York. The chapter-house, which is light and graceful, has loft prebends' stalls. "The early English portions, which consist of the cholr, its ailes, and small E. transepts, form one of the best examples of this style in the kingdom. The whole of this church deserves the study due to a cathedral; and though it be not so varied in its styles as some edifices, it claims attention for its purity and good preservation." (Rickman's Gothie Architecture, p. 221.) The ruins of an ancient palace of the archbishope of York, the favouries summer retreat of Cardinal Wolsey, stand in the park, and a part is now appropriated as a sessions house for the liberty. The general bridewell for the county is at Southwell; which has also meeting-houses for Wesleyans and Baptists, and a free-school, with 2 scholarships at St. John's Coll., Cambridge. What little trade the town possesses is chiefly in malt, hope, and tan. The living of Southwell is a vicarage, worth 144. a year, in

the latter perty year defeated with great loss. Its celebrity as a watering-place sarred for great and the part of the latter perty and defeated with great loss. Its celebrity as a watering-place and feater when the latter perty and discovered, and greek additions were made by the formation of new streets and terraces, the laying-out of public gardens, &c. The shores of Southampton to the footpath have been partly flagged by subscription, and the inhabs, are well supplied with wite from the two public gardens, and the shores of the shores and the shores are departed to the shores of the shores and the shores are departed to the shores of the shores and the shores of
pretensions. It is now, however, greatly fallen off. The idde of fashion has set in favour of Carlishad and Wisbaden; and it is not supposed to have more than about 3,000 resident inhabs. The Poulous, or main spring, is a strong and active chalybeate, impreparated with carbonic acid gas, which gives it vivacity, and fits it for being preserved and sent in bottles to all parts of the world. There are several similar springs at from 2 to 3m. from the town, at all of which there are pumprooms, and to some baths are attached. Spa has two libraries with well supplied reading-rooms, at heatire, cardrooms, &c., a large par. church, and a Capuchin convent; and during the season an English church is opened. The hotels and lodging-houses are very respectable, and are abundantly supplied with provisions. A manufacture of painted wooden boxes, &c., carried on in the town, employs a good many hands. (Chambers's Tour in Ed. Journal, Murray's Handb.; Tenseut's Edgisson, &c.).

SPAIN (an Hispania, Span. España, Fr. Espagne), an extensive and once powerful kingdom of S. Euroge, occupying the E. and largest portion of its S.W. peninsula; between lat. &60 bf and 430 20 N., and long. 30 E., and 90 10 W.; having N.E. France, from which it is separated by the Pyrenees; N. the Bay of Biscay; W. Portugal and the Atlantic; and S. and E. the Straits of Gibraltar and the Mediterraneam. Greatest length, have been stated as follows:—

3 A 2

	<u>. </u>		Totals.		
Provinces.	Area in	Population.	Sq. m. Population.		
1. New Castille.			<u> </u>		
Madrid Guadalaxara -	1,315 1,946 8,774 11,304 7,543	369,126 159,044	1	1 1	
Toledo	8,774	276,952 234,582 277,788	1	! !	
Cuenca Ciudad Real	7.543	234,582 277,788	l	!!!	
			30,882	1,317,492	
2. Old Castille.	30,882	1,517,492	1	; I	
December and a		224,407 147,718 166,730 434,635	i	1 1	
Logrono }	7,674	166,730	1	i 1	
Oviedo	3,686	434,635	l	! !	
Secovia	4,076 3,466		l	1 1	
Segovia Avila	3,466 2,569	134,854 137,903		1 1	
Leon Palencia	8,894 1,733	267,438 148,491	ŀ	i i	
Valladolid	1 3,279	184,647		1 1	
Salamanca -	8,626 3,562	184,647 210,314 159,425	1	1 1	
			41,565	2,332,181	
S. Galicia.	72,447	3,649,673		1 1	
	1	(435,670		1	
Luge	15,897	357,279 319,038			
Corunna Luge Corenae Contevedra Corunnae		360,002			
ŀ	88,344	8,121,655	15,897	1,471,982	
4. Estremadura.				1	
4. Estremadura. Badajos } Caceres }	14,329	{ 316,622 231,398		l .	
,			14,529	548,020	
5. Andelucia.	102,673	8,669,675			
	ا ـ ـ ـ ا	367,805			
Huelva	8,969	188,470 894,703 266,919		1	
Jaen	4,451	266,919		ı	
Cordova	4,159	815,459	17,599	1,407,854	
	120,272	7,077,529	שפטקוו	2,407,604	
6. Granada. Granada 1		£ 378 974			
Almeria	9,622	876,974 234,739	1	ĺ	
Malaga J		838,442	9,611	950,205	
	129,894	8,027,734	2,000	555,000	
7. Valencia. Valencia)	1			1	
Alicant (7,683	451,685		1	
Castellon-de-la-	.,	818,444 199,022		i	
Murcia 1	7,877	{ 280,694 180,763			
Albacete }		180,763	15,560	1,430,608	
	145,454	9,458,349	10,000	1,20,000	
8. Catalonia. Barceiona)		C 449,473		1	
Tarragona (12,180	\$ 442,473 233,477 151,872) [
Lerida (0.00	214,150	i	!	
•	100 000		12,180	1,041,422	
9. Aragon.	157,634	10,499,764			
Zaragoza -]	14 700	804,825 214,874			
Teruel -	14,726	214,988			
	100.00		14,726 2,450	734,685 22 1,728	
10. Neverre -	172,360 2,450	11,234,449 221,728	2,100	221,728	
	174,810	11,456,177			
11. Guipuscos.					
Alava Biscay	1,082 1,267	67,523			
Guipuscoa	622	67,523 111,436 104,491			
,	177,781	11,739,627	7,971	283,450	
19. Balearic Islands.			1	i	
Paima - Canary Islands -	1,757 3,220	229,197 199,950			
Owners Treatment	0,200	197,500	4,977	429,147	
	192,758	12,168,774	182,758	12,168,774	
!	. 72,730			- 34-1-41	

The shape of Spain resembles that of a very irregular pentagon, the longest side of which faces the N. The coast line is, on the whole, pretty regular, without those great and sudden indentations that characterise the coast line is, on the whole, pretty regular, without those great and sudden indentations that characterise the shores of many other countries, though an exception may be made as regards the coast of Gallicia, which is tringed with bays and headlands, the principal among the former being the Bays of Betansos. Pontevedra, and Vigo; and among the latter the Capes Estaca, Ortegal, and Finisterre. The other capes of Spain are principally on the coast of the Mediterranean. C. Tarifa abuts on the Strait of Gibraltar; and further N. are Capes Gata, Palos, La Nao, and Creux, the last being the extreme E. point of the peninsula. The surface is very much diversified, and intersected with mountains; but the whole may be described as a table land of considerable elevation, Madrid, the cap., being 2,173 ft. above the sea, which is the average height of the towns in the interior. Five chains of mountain, are pretty clearly defined, running from E. to W. through the peninsula. 1. The range of the Puzzkezs (which see) not only divides France from Spain, but runs in a continuous chain parallel to, and at a short distance

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Ifrom, the N. shore upwards of 600 m. as far W. as C. Finisterre. The E. division is known as the Pyrenees properly so called, the W. portion consisting of the Asturian mountains: the highest point in the former is the Pic de Netore on Mount Maladetta (11.49 ft.). and is the latter the Peffa de Peffaranda, S.W. of Oriedo (11,031). 2. A range extends W.S.W. from the Ebro, near Tudela, dividing Old and New Castile, Leon and Estremadura, and thence running S.S.W., through Portugal, to Cape Roca, near Lisbon: the culminating point is the Sierra de Grados (10,552 ft.), at the S.W. angle of Old Castile; but the average height does not exceed 4,500 ft. 3. A chain branching S.W. from that last meationed divides the basin of the Tagus from that of the Guadiana: the central portion, S. of Toledo, called the Sierra Morena, runs along the S. border of La Mancha, in New Castile, which, though not continuous and of no great extent, forms the watershed between the Guadiana and Guadalquivir. 8. The Sierra Nevada runs from C. Palos, near Carthagena, almost as far as Cadiz: it is at no great distance from the Mediterranean, the most elevated part being S.R. of Granada, where the Cerro de Mulhacen rises II,650 ft. above the sea: the peak of Veleta is II,385 ft. is height; and further W. the Serrania de Ronda attains an elevation of 6,011 ft., while the neighbouring town of Ronda is about 3,300 ft. above the sea. (See Essay on the Phys. Geog. of Spain, in Laborde, litarierier & Espagne, vol. v. last ed.; Bruguière, Orographic de l'Empayse, Pagnass. Erchbeckreichsung, pp. 316—318; Aatilos, p. 226—270. The altitudes are given exclusively from Bruguière.)

The mountain-chains now described regulate the course of the principal rivers, some of which are of great extent, and haven numerous tributaries. Immediately

robe; Berghaus, Endestaverous, pp. 310—31.; Assillon, p. 226—270. The altitudes are given exclusively
from Brugulère.)

The mountain-chains now described regulate the
course of the principal rivers, some of which are of great
extent, and have numerous tributaries. Immediately
S. of the Pyrenees is the Ebro, which, rising on the
Asturian range, near Reynosa, runs S. B. through a
succession of narrow valleya, receiving its chief tributaries from the S. face of the Pyrenees, and flows into the
Mediterranean about 26 m. below Tortosa: its entire
length somewhat exceeds 400 m., and the area of its
basin is estimated by Berghaus (Erdbecchreibung, p. 237.)
at 25,960 sq. m. Ainoug the other rivers flowing into the
Mediterranean are the Gusdalaviar and Jucar, falling
into the Bay of Valencia, and the Segura in Murcia: the
rest are unimportant. Five large rivers run westward
into the Atlantic Ocean. The most N. of these is the
Minho, which rises in the Asturian mountains, and running first S. and then S.W., enters the sea a little below
Caminha, after a course, including its windings, of about
150 m. The Douro rises in the mountains of Old Castile, a few miles N. of Soria, and takes a generally W.
course, by Aranda, Tordesillas, and Zamora, as far as
Miranda, where, turning southward, it forms a portion
of the boundary of Portugal, through which it flows
westward into the sea close to Oporto: its length is estimated at 500 m., and the country drained by litself and
tributaries somewhat exceeds 24,000 sq. m. The Tagus has its source in the Sierra de Albarracin, in Arragon, whence it flows W.S.W. by Aranjuez, Toledo,
Talavera, and Alcantara, to the confines of Portugal: it
then turns S. S.W., and, after expanding into a fine
sestuary, enters the Atlantic, a little below Lisbon,
built on its N. bank. The Tagus has numerous important tributaries, the chief of which are the Henares,
Alberche Aligon, and Zatas, the last being in Portuali: the extent of its basin is estimated at 29,070 sq m.
The Guaddiana, ris

are encumbered.

The Euro has, however, been made navigable to a considerable extent by means of the Canal of Aragon; and the channel of the Tagus is also in course of being improved, so as to make it accessible for boats as far as Aranjuez. Vessels of 100 tons ascend the Guadalquivir, within about 8 m. of Seville. The rivers on the N. side of Spain are comparatively insignificant, owing to the closeness of the Asturian mountains to the sea: one of those, the Bidassoa, forms the dividing line between France and Spain. There are no lakes of any considerable size, though in the Pyreness and other chains there are several small mountain-lakes. Swamps and morasses,

however, are both numerous and extensive; the principal being the Gallocante, in Aragon; the Nave, near Palencia, and the Lagumes of Palomares and Caldera.

A central band of granite and mica-schiat stretches along the Pyrenees from the Mediterranean to the Bay of Biscay, fanked successively by beds of secondary and cretaceous formations: the primary rocks, however, are by no means so extensive as in the Alps, and do not extend westward beyond the Bidassoa, all the mountains of Asturias and Galicia being of the sandstone and carboniferous limestone that form the lower parts of the main chain. The lofty range that divides the two Castlies, and forms the watershed between the Douro and Tagus, consists chiefly of granite and other primary rocks, which pass eatward under the sandstone, forming the lofty uplands of Soria, in Old Castile: it is flanked on both sides by sandstone and limestone; but in New Castlie are extensive beds composed of the debris of primitive rocks associated with marls and gyppum, the marly subsoil being remarkable for the fertility of the surface, whereas the gypseous districts are remarkable for their barrenness and dismal appearance, such as is exhibited in the neighbourhood of Madrid. The Sierra Morena also exhibits a large proportion of primary rocks, partly covered by secondary and other rocks, with the nature of which we are but little acquainted. The Sierra Morena also exhibits a large proportion of primary rocks, partly covered by secondary and more recent rocks, containing some of the richest marbles of Spain, many of which adorn the churches of Granada and Seville: the S. side, forming the deep valleys of the Alpujarras, is principally of secondary limestone resting on slate (highly metalliferous), greenstone, and blue limestone. The limestone strata of the Sierra de Gador are remarkable for near menses, which are extremely rich, and sufficient to supply the whole of Europe with this mineral for many centuries to come. With respect, indeed, to the mineral wealth of Spain, there can

near Seville; and traces of the same mineral have been discovered near Malaga.

"The soil of the Peuinsula exhibits great diversities. The central region consists for the most part of arid, ansheltered plains either of sand or gypsum, intersected with lofty mountains, which reflect with intolerable ferceness the scorching heat of summer, and sharpen into more intense keenness the intense cold of winter. The lower region of the coast, sloping gradually towards the sea, is broken into an alternation of mountains and valleys, producing the most agreeable variety, and presenting a pleasant contrast to the bleak and barren sameness which characterises the central region. It is every where fertile, or may be rendered so by irrigation." (Foreign Guarstriy Resieu, No. IX. p. 152, written by the author of this article.) The alluvial soil of Old Castile is tolerably productive, even without irrigation: New Castile has every variety, from the gypseous marl composing the poor soil acout Madrid, to the red marl of Guadalazara and the limestone of Arganda. The valleys of the Sierra Morena, and the whole of Estremadura, have a soil formed of detritus from primary rocks, and cannot be excelled in beauty and natural fertility. The soil of Andalusia is chiefy of marl and clay interspersed with red sandstone maris, and it is by irrigation only that it can be made productive. The Vega of Malaga, however, is naturally of surprising fertility, owing partly to the long establishment of irrigation, but partly, also, to the fact of its being in a great measure alluvial. Valencia has a poor ungrateful soil, yielding crops only by forced cultivation, and the use of water. In Catalonia and Aragon the detritus of limestone is found alternating with line red marls and waste tracts of gypseous maris, similar ot hose near Madrid. "On the whole, the valleys of the Sierra Morena and the Alcarria, the provinces of Toledo and Guadalaxara, the Vega of Malaga, and the country between Gibraltar and Cadiz, would probably repay the labours of agricult The soil of the Peninsula exhibits great diversitie

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The climate of Spain is greatly diversified, being modified by the physical conformation of the country. The temperature of the air always varying less near the coast than in the interior, is much more equable in the maritime than the other provs. On the N. and W. coast westerly winds prevail; and, being loaded with moisture from the Atlantic, discharge abundant rains in winter and spring. The coast of the Mediterranean has a calmer atmosphere, with a prevalence of E. winds, and a temperature generally rising above 57° Fahr., and seldom descending so low as 32°. Winter, indeed, is almost unknown on a coast sheltered by the elevated land of the interior, and warmed by the rays of a cloudless sun; while the heat of aummer is very great, and would be all but intolerable, were it not lessened by the sea breeze, which last during the greater part of the day. On the plateau of Castile, the mean height of which, according to Bruguleire, is about 1,560 ft. above the sea, heat accumulates much more slowly, and it is only during the month of July that the temperature ascends as high as 77° Fahr. In August, the mornings and evenings begin to be cold; and in winter the severity of its climate forms a very striking contrast with the heats of summer. Except in the N. provs., the climate of Spain is every where remarkable for dryness; a freedom from rain, and a cloudless sky being advantages 'that may generally be counted on; but this dryness occasionally becomes as excessive that the rivers are dried up, vegetation destroyed, and men and animals die miserably of thirst. (For. Quart. R., it. 183.) Two kinds of winds are very troublesome in Spain. The gallego, a N. and N.W. wind, which comes down from Gallicia, is very cold and piercing; causing, besides other diseases, painful affections of the eyes, often ending in bilindness, which is very common in all the more elevated districts. This ophthalmia, however, is attributed by some writers to the vast quantities of minute nitrous particles blown up from the waste lands,

what its American possessions have been to the modern world, the principal source of the supply of the precious metals. It is exceedingly doubtful, however, notwithstanding the numerous statements to the contrary, whether the Carthaginians or Romans ever discovered any mines of gold and silver in Spain. The more probable opinion seems to be, that the gold was wholly obtained from washings; and that the silver, which was by far the more abundant and important product, was extracted from the lead, which was then raised, partly for the sake of the silver, in vast quantities. (Astillon, Geografia, 149.) The mine of Guadaicanal, which, according to Cook (ii. 73.), is the only one of silver that is now wrought, was, with that of Casalla and others, discovered long after Spain had been evacuated by the Romans. (Astillon, loc. cit.)

The most valuable of the existing Spanish mines are those of lead in Granada; and the supplies obtained from them during the last 20 years have been so large that they have occasioned the abandonment of several less productive mines in other countries, and a considerable sill in the price of lead. The quicksilver mines of Almaden, in La Mancha, are also extremely productive, and aupply, indeed, most part of the quicksilver imported into this country, and large quantities for the New World. Exclusive of innumerable salt springs, there are mines of rock salt at Migranilla, in La Mancha, and the mountain of Cardona: in Catalonia, 17 m. N.W. Monserrat is a vast and solid mass of pure rock salt! The iron trade will be afterwards referred to; copper, tin, astimony, and other minerals are found in various parts of the country, with every variety of marble, and the finest building stone. There can, indeed, be no doubt, that, under a government capable of developing the national resources, the mineral wealth of Spain would be found to be equal, if not superior, to that of most other countries.

Vegetable and Assimal Products.—The wheat of Spain, though of very various qualities, is generally excell

tricts the quantity grown is insufficient for the consumption, the deficiency being made up from the surplus produce of other provs., or by importation, though, owing to the badness of the roads, and the consequent elifficulty and cost of carriage, there is often a great difference in the prices of corn in markets at no great distance from each other. Wine is raised abundantly throughout the country; and the coast districts of Xeres, Rota, Malaga, Benicarlo, and Alicant, furnish large quantities for exportation. The wine of the interior, though seldom exported, in consequence of the bad roads and expense of transport, is sometimes of good quality; and that of Val de Pefias, in La Mancha, in particular, a dry red wine, has obtained a high reputation for its superior flavour and delicacy. Grapes are also exported, both in a fresh and dried state. Among the other productions of the soil are oats, barley, maize, rice, oil, sugar, hemp, flax, esperic or sedge, cotton, saffron, barilla, honey, and silk, with all the European vegetables, and some even of those of the warmer regions.

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The fruits of the S. are lemons, bitter and sweet oranges, pomegranates, dates, olives, almonds, and pistachio nuts; apples, pears, cherries, peaches, and chestnuts are grown in the N. provs. Immense quantities of hazel nuts are exported from Catalonia, and the fruit of the carob-tree is used for feeding cattle. On the Pyrenees, Asturian mountains, the Sierra Morens, &c. are luxuriant forests; but, on the whole, Spain has less timber than any other extensive country of Europe; a circumstance owing, not to any inaptitude of the soil for the growth of forest trees, but to an invetrate and inexplicable prejudice of the people against trees, which are mercilessly cut down or destroyed before they attain any considerable size. Indeed, so universal is this propensity in the central provs., that the most rigorous measures are necessary to preserve the avenues of Aranjuez from wanton destruction; and all statutes for the encouragement of planting have signally failed of their object. (Foreign Q. Review, ix. 184, 185.) Spain has eight varieties of oaks; among which are the evergreen oak, or querous ballota, which has edible acorns, in taste resembling chestnuts; the cork-oak (Q. suber), and the cochineal.oak (Q. occifera), on which is found the false cochineal, yielding a fine crimson dye. The true Quercus robue, however, which furnishes the best materials for ship-building, scarcely exists, except in the N. provs. (Cook's Sketches, ii. 242—255.) Among the other forest trees may be enumerated tamarisks, pines, beeches, chestnut trees, nut trees, firs, poplars, and the sumach (Rhus corisins), the bark of which is used for tanning.

and the sumach (Rhus corieria), the bark of which is used for tanning.

Among the animal products of Spain, the horse is entitled to particular notice. The Arabs, when in possession of the country, stocked it with their finest breeds; and though the race has degenerated, it still shows many of the points by which it was originally distinguished. In beauty, grace, and docility, the horses of Andalusia are raid to be superior to those of England; but it may be doubted whether they are equal to the same amount of labour. In fact, the number of good horses is rapidly decreasing in Spain, chiefly owing to the preference given to mules for domestic and agricultural purposes: the importation of horses to improve the breed, and "the number of horses bred at present is quite inconsiderable, notwithstanding the decrees, premiums and encouragements of every kind that have been offered by government. The celebrated breed of the sovereigns of Spain at Cordova, is nearly extinct; in the Serrania de Ronda (once the Cleveland of Spain) nolly miserable animals, called servasos, are now reared; the wealthlest Andalusian nobles have only 2 or 3 in the whole country fit for the draught of artillery." (Cook, ii. 89—61.) Great numbers of mules are bred in Old Castile, being sent to come to their full size in the rich pastures of Estremadura, whence they are supplied to the rest of Spain. The asses are very different animals from those seen in England, being of a large size carefully bred, and in strength, docility, and sure-footedness, nearly equal to the mules. Cattle are small, and not of fine appearance. The buil of Andalusia is found wild in the Sierra Morena. Hogs are bred in vast numbers, and those which feed on acorns are celebrated for the delicacy of their meat, which is, perhaps, unqualled. Sheep, however, are the favourite stock of Spain, and are every where raised in considerable numbers (see post); nor are there wanting wild animals, such as wolves, lynxes, wild cats, wild boars, and foxes. The bear, which used to be co

and plovers. (Cook's Sketches, i. 58-62., 254-287.; and For. Q. Review, ix. 156.)

Agriculture. - " No country in Europe," says Laborde, "is so generally fertile as Spain, or has equal advantages at all se sons of the year. Spain, after its conquest by the Romans, became the granary of the Roman empire. Under the Goths vast canals and sluices were formed for irrigating the land, and the amount of corn then raised was sufficient not only for the home supply, but also, to a considerable extent, for exportation. Agriculture under the Moors was in a still more flourishing state; for when they invaded the country, they carried with them their methods of husbandry, broke up the uncultivated lands, augmented the number of plantations, carried the art of irrigation to a degree now scarcely attainable, introduced the culture of rice, and greatly improved the breed of horses: in fact, every kind of production was increased under their improving hands; and the zera of their expulsion designates the epoch of the de-cline of agriculture. The Spaniards, thus de-prived of the assistance of the Moors, were compelled to till the land themselves; but for such pursuits they possessed neither talents, activity, nor patient industry. Hence the whole system fell into a state of languor, from which it has, owing to several causes, never recovered." (Laborde, vol. iv.)

We have quoted this passage, because it states, in a few words, what has long been the popular opinion in regard to the ancient as compared with the modern state of Spain. We believe, however, that it is wholly erroneous. The fertility of the country has been greatly exaggerated; and we much doubt whether her agriculture was ever in so advanced a state as at this moment. A great portion of Spain is, owing to the heat of the climate and the want of water, wholly unfit for husbandry; and she has, in consequence of the frequency of droughts, been at all times subject to the most destructive famines. Owing to the numerous ridges of mountains by which she is intersected, her internal commerce has always laboured under the greatest difficulties; and there is no evidence that her artificial communications, that is, her roads, canals, bridges, &c., were at any former period in a more improved state than that in which we now find them. Owing to vicious institutions, bad government, and other causes, Spain has, for a lengthened period, continued stationary, or made but little progress, while other nations have advanced with giant steps in the career of improvement; but there is no real foundation for the prevalent notion of her having been com-paratively well cultivated, rich, and industrious previously to the expulsion of the Moors, or in the reigns of Ferdinand and Isabella and Charles V. Capmany, in his Questiones Criticas (cap. i.), has proved, beyond all controversy, that there were in the 15th and 16th centuries the same complaints of the wretched state of agriculture, of the idleness of the Spaniards, of their contempt for industry and the useful arts, and their dependence on foreigners, that are still made against them. It is needless to say, that without tranquillity and good order there can be nothing like a flourishing agriculture. But at the very time that it is said to have been most flourishing, that is, previously to and during the reign of Ferdinand and Isabella, the Spanish historians represent the country as a prey to rapine, outrage, murder, and every sort of violence and disorder. Indeed, so early as the 13th century, the principal cities of Aragon and Cas-tile had formed an association, called the Santa

Hermandad (Holy Brotherhood), for their mutual protection against the robbers and plunderers with which the country was infested; and during the reign of Ferdinand and Isabella this institution was still further extended. (Robertson's Charles V., vol. i. note 36.) And if these facts were not enough to demonstrate the entire worthlessness of the statements as to the flourishing state of agriculture in Spain previously to the expulsion of the Moors, the organisation of the laws respecting the mesta (migratory flocks) would sufficiently evince the truth of what has now been advanced; for had the country not been at the time in a half-occupied semi-barbarous state, every one must see that the oppressive privileges conferred on the owners of the sheep never could have been carried into effect, or had any practical existence.

Having thus briefly disposed of the apocryphal

statements as to the former flourishing state of agriculture in Spain, we have now to inquire into its present state, and the circumstances to which its long-continued depression are prin-

cipally to be ascribed.

With the exception of a few districts which have peculiar facilities for irrigation, agriculture is in the most backward state imaginable. " Great part of the land is not tilled, and that which is tilled is executed in so careless and slovenly a manner, as to produce a starved crop of corn in spots where they might command the most abundant harvests. The corn is usually choked up with stones, filth, and weeds of every kind." (Clarke's Letters, p. 285.) Generally speaking, tillage farms are small, and rents low; but owing to the exorbitant taxes, and other expenses wholly exclusive of rent, the farmers are wretchedly poor, and when they require money, are obliged to obtain it at exorbitant interest, by mortgaging their crop. The system of letting land is very various, money rent being taken in some parts, while in others the rent consists of a stipulated quantity of produce, and in others the métayer system prevails. Generally, however, large estates are not let out in farms, but are managed by agents, who, for the most part, are totally ignorant of the business of agriculture, and whose great object is to squeeze out of the land all that it can be made to produce by the most compendious processes. Farm houses are rarely seen, except along the E. coast. The farmers live in huts of the meanest construction, crowded together in villages, so that farm buildings, often so expensive in other countries, cost almost nothing. Spring corn is generally sown on the ground before it has been turned up, and is still covered with the winter weeds; and is then ploughed down, or rather scratched in with a miserable instrument, and left to nature. Owing to the dryness of the climate, this is a less ruinous system than might have been supposed, for when the heat sets in the corn ripens, while the weeds perish. When ripe the corn is gathered in the field, and after being thrashed or trampled out by mules and asses, is left in heaps on the ground till it be sold. The corn speculators of Castile preserve grain in silos, or subterranean caves, sometimes for 5 or 6 years, or till a market opens for it. Public granaries, or positos, are, also, established in most districts, where corn may be warehoused till it can be disposed of. The implements of husbandry are of the rudest description: it is not uncommon in the S. to see men returning from plough seated on a mule, to the sides of which their whole apparatus is tied: the use of fanners is unknown, except in the neighbourhood of seaport towns, to which they have been imported pended upon, are sufficiently accurate to give a

from England; corn is winnowed by throwing it up in the air, and it is more frequently ground by hand, than by either wind or water mills. (Cooke's Sketches, ii. 40—42.) Land is not supposed to yield to the proprietors more than 11, or at most 2 per cent.; for, when the tenant has paid the direct taxes that fall upon the land, little more remains than half the produce, to pay both rent and labour. It is exceedingly difficult to estimate the rent of land by the English acre, from the great uncertainty and irregularity of the measures. The term fanegada is used to indicate the extent of land on which a fanega of wheat may be sown, an extent which varies in every village: this quantity of land, whatever it may be, lets, according to circumstances, at from 12s. to 24s., the average value of a fanega of wheat being about 3s. 6d. Vine and olive-lands are measured by the aranxada, an equally vague standard. The wages of farm labourers average about 13d. per diem; or, if boarded with their masters, from 6½d. to 10d. But, though tiliage has been greatly extended during the present century, it is still true that in most parts of Spain no improvement has been made during the last 150 years. The principal exceptions are in Biscay, Navarre, and Aragon. In the first hoe and spade husbandry pretty generally prevails, and every inch of srable ground near the roads seems to be carefully cultivated. The wheat raised in Biscay perhaps exceeds the consumption of the district of the statement of the stat tion of the district, and considerable crops are also raised of rye, maize, barley, and oats. In Leon, Castile, and Andalusia, agriculture, which is in the most degraded state, is confined to the growth of wheat. The most careful cultivation is found in the

huertas, or irrigated lands of Granada, Murcia, and Valencia. These tracts, indeed, are con-These tracts, indeed, are considered as the gardens of Spain, and abound not only with every variety of fruits, but all kinds of vegetables and plants, useful either as food or materials for manufactures. The mild red pepper raised in the huerta of Murcia is cele-brated all over Spain, and forms a considerable article of trade with the interior. Rice is the chief product of Valencia. The sugar-cane of Granada and Valencia is as good as that of the West Indies; but it is cultivated at much greater expense, and its growth has, in consequence, been almost wholly abandoned. Considerable quantities of corn are raised in different parts along the S. E. coast. Mulberry-trees are carefully cultivated in the S. provinces; those of Murcia and Valencia are white, those of Granada black. In the cultivation of vines poles are not used; but the cuttings are planted, and not being permitted to attain any great height, gradually form thick and very stout stocks. Espaliers, also, are numerous, especially in Andalusia, and the grapes on these vines attain an extraordinary size, the bunches often weighing from 12 to 14 lbs. The rich level lands produce the largest quantities of wine, but here, as elsewhere, that raised on gravelly soils on the hirly slopes is the best. The quality of the wine varies greatly in different districts; but it may be said with truth that, except the wines of Xeres, Rota, Malaga, Alicant, and Benicarlo, which are intended for exportation, few of the Spanish wines are equal even to those of third-rate quality in France. Being very generally kept in skins, smeared with pitch, they acquire an olor de bota, or peculiar taste, and a flavour not disliked by the natives, but very disagreeable to foreigners.

It appears, from the official returns published in 1803, which, though not to be altogether de-

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just notion of the general state of the country, that, taking the extent of Spain at between 18,900 and 19.000 sq. leagues, the surface was distributed nearly as follows:—

Cultivated lands and falk	ws.			- 4,310
Pastu es and commons	-			- 11,658
Forests and copses .	-	-	-	- 1,580
Mountains and rivers	-	-		- 1,342
				18,490

It is certain, from the increase of pop., and the nearly to al cessation of importation since 1803, that the proportion of cultivated lands must have increased considerably in the interval, though at this moment they are still little more, perhaps, than about a fourth part of the entire surface. The Pyrenees, the hilly parts of Biscay and the Asturias, the vast plains of Andalusia, the two Castiles, Estremadura, and Leon, are almost wholly in pasture; and in some parts the traveller may journey for many miles without seeing either a house or an individual. In point of fact, however, half the pastures really consist of heaths, or of neglected tracts covered with thyme and other wild herbs, that at present are next to There are few or no irrigated meaworthless. dows, and hay is seldom or never prepared for fodder. Indeed, notwithstanding the preference riven to pasturage, and the privileges that have been long enjoyed by the migratory flocks, it is not supposed that the stock of sheep in Spain at this moment (1851) exceeds 13,000,000, or, at most, 14,000,000; whereas, in England, which has not 1-4th part of the pasture and waste land that belongs to Spain, the stock of sheep is certainly not under 25,000,000, while that of horses

and cattle is proportionally great.
The Spaniards distinguish their sheep into the sedentary, or those who remain in the same place during the year; and the migratory, or those who move from place to place. The latter, or transhumantes, consisting chiefly of the merinos, or fine-woolled breeds, are depastured during winter in the vast plains of Andalusia, Castile, Leon, and Estremadura; and are driven in summer to the nearest mountains. These migratory flocks are collected for their journeys in large bodies of 10,000 and upwards, called mestas, their peregrinations being regulated by a pecu-liar code of laws, and by immemorial custom. It is obvious that this migratory system has originated in natural causes; and that, in fact, it is an important branch of the rural economy of Spain. In win er, when the mountains are covered with snow, the plains are in the greatest verdure and beauty; and in summer, again, when the herbage of the plains is withered and burnt up by the heat and drought, the pastures of the Sierras, and other mountain tracts, are in a state of comparative luxuriance. Nothing, therefore, can be more natural than this shifting of the flocks; it is for the mutual interest of the occupiers of the hills, and those of the plains, and no doubt has prevailed in Spain from the remotest antiquity, and will necessarily continue

to prevail.

The laws and customs, however, under which the migrations of the flocks are conducted have been, for a lengthened period, singularly inexpedient and oppressive. It appears that, about the middle of the 14th century, the depopulation of large tracts of country by a pestilence gave a considerable extension to pasturage; and enabled the proprietors of the migratory flocks to usurp certain privileges, which they have since succeeded in maintaining. (Townsend, ii. 61.)

Thus, they are not only allowed to drive them over village pastures and commons, but the pro-

prietors of such cultivated lands as lie in their path are obliged to leave for them a wide path. and, which is still worse, no new inclosures can be made in the line of their migrations, nor can any land that has once been in pasture be again cultivated till it has been offered to the mesta at a certain rate! In consequence of these perverse arrangements, disputes, which frequently terminate in bloodshed and murder, are perpetually taking place between the herdsmen and those through whose lands the flocks have to On the whole, however, we incline to pass. think that the mischiefs said to be entailed on Spain by the laws and customs in question have been a good deal exaggerated. As already seen the migration of the flocks is essential in Spanish rural economy; and it does not appear, were government to set resolutely about the matter, that any insuperable difficulty would have to be encountered in defining and fixing the roads to be taken by the flocks, and in otherwise regu-lating their migrations, so as to prevent them from being injurious to third parties.

It may be worth mentioning, that Capmany ascribes the first great improvement in the wool of Spain to the introduction of a flock of sheep from England, in 1394, being a portion of the dowry brought by Catherine, daughter of the Duke of Lancaster, to her husband, the eldest son of the King of Castile. (See Questiones Criticas, 9; and Memorias Historicas sobre la Marina Comercio, &c., de Barcelona, iii. 335.)

The low state of agriculture in Spain may be

ascribed parily to physical and partly to moral At the head of the former must be placed the heat of the climate, and the aridity of the soil. Most part of the rivers with which the country is intersected run in deep beds, and are but little available, except in a few favoured localities, for purposes of irrigation. Probably, however, moral have had still more influence than physical causes in retarding the progress of agriculture in the Peninsula. At the head of the former must be placed the vast extent of the lands belonging to the nobility, clergy, and corporations. Mr. Townsend mentions, that the estates of three great lords — the dukes of Osuns, Alba, and Medina Cœli, cover nearly the whole of the immense province of Andalusia, and several in the other provinces are hardly less ex-tensive. (ii. 238.) These vast possessions have tensive. (ii. 238.) These vast possessions have b en uniformly held under strict entail; and, speaking generally, are all managed by stewards, anxious only to remit money to their masters, who are frequently in embarrassed circumstances. The younger branches of the great families, though they inherit all their pride, inherit little or none of their wealth. They are, for the most part, exceedingly ill-educated; and when not employed in government service, pass their days in a state of slothful dependence. It is singular, notwithstanding their immense possessions, that the Spanish grandees have little or no taste for a country life, or for the improvement of their estates; and the fact is, that from the one end of the Peninsula to the other, there is no such thing as a fine country seat. The great estates belonging to the corporations, or towns, are held in common; and, in consequence, are wholly, or almost wholly, in pasture. Luckily, however, the large estates that belonged to the church have been confiscated during the late revolu-tions; and their sale and division has materially increased the number of smaller propriet rs, and given a stimulus to improvement; and a stop has also been put to the practice of en-tailing. The interruption given to labour, by

saints' days, has, also, been exceedingly injurious to agriculture and all sorts of industry.

The Spanish character is also unsuitable to success in agriculture and manufactures. During the prolonged struggle with the Moors, a taste for daring adventures, and for an irregular predatory mode of life, was widely diffused throughout the nation; and the discovery and conquest of America, which occurred nearly at the same time that the power of the Moors was annihilated by the conquest of Granada, afforded a new and boundless field for the exercise of the peculiar taste and talents formed in the Moorish wars. In addition to the means thus afforded of arriving at wealth and distinction by a more compendious and less laborious, though more hazardous, route than that of sober industry, these honorary distinctions, of which the Spaniards ore extremely fond, were conferred only on those who followed the profession of arms, and who could show that their ancestors had not degraded themselves by engaging in the debasing pursuits of agriculture, manufactures, and commerce! And while the higher and more aspiring classes were thus led to regard the useful arts with contempt and disdain, the multiplication of convents and such like establishments afforded the means of keeping a vast number of individuals in pampered idleness. We need not, therefore, wonder at the repeated complaints that have been made by native and foreign writers of the pride and laziness of the Spaniards. (See Capmany, Questiones Criticas, pp. 46—49., &c.) What else could be expected in a country where agriculture and the useful arts have, for a lengthened period, been looked upon as mean and sordid, and below the attention of a gentleman? The heat of the climate was enough, of itself, to enervate the inhab., and to render them indo-lent; and when we add to this the powerful influence of the causes now shortly glanced at, with the want of leases and roads, and the oppressiveness of taxation, need we wonder at the backward state of agriculture and of the other useful arts?

There are several societies in Spain, assuming the title of "Friends of the Country," for the encouragement of agriculture and the arts; most of them were founded in the reign of Charles III., and were warmly patronised by Campomanes, the most enlightened minister of whom Spain has to boast, and by Count Florida. Blanca. Hitherto, however, they seem to have rendered but little service, if we except that of Madrid, to whose exertions the famous Memoir of Jovellamos (Informe de la ley 'Agraria) is principally to be ascribed. The reader will find this memoir in an English dress in the 4th volume of the translation of the Itinéraire of

Laborde.

Manufactures. — It might have been expected, from the abundance of wool and silk in Spain, and her extensive colonies in America, that her manufactures would be in a comparatively flourishing state. This, however, is not, nor has it ever been, the case. Capmany, and other able writers, have shown that the statements as to the flourishing state of manufactures in Spain, in the 14th and 15th centuries, have no better foundation than those respecting the flourishing state of agriculture, and the magnitude of the pup, at the same period. Some of the circumstances that have contributed to depress agriculture have also contributed to depress manufactures; but they have, also, been affected by others of a peculiar description, among which may be specified the oppressive influence of the alcabula, and other taxes (see post), corporation

privileges, monopolies on the part of government, and the want of competition and emulation through the exclusion (in as far as practicable) of foreign manufactured goods. Catalonia, Biscay, and Valencia are the most industrious provinces, and in them manufactures are most advanced. Those of silk and cotton, especially the first, are carried on to a considerable extent in Barcelona, Valencia, and other towns; but though the fabrics be excellent, the colours are wretched. The blonde mantillas of Almagro, in La Mancha, are, perhaps, the best of the Spanish manufactured articles. Broad cloth is made at Alcoy, in Valencia; and coarse cloths (pano pardo) are extensively manufactured in Catalonia, and in various districts throughout the country. But, with the exception of silks, all the woven fabrics produced in Spain, whether woollens, cottons, or linens, are at ouce badly finished and enormously dear: even the coarse, hard-spun mantas, that serve the muleteers for cloaks and blankets, fetch prices that would astonish the peasantry of England and France. In the N. provs. tanning is the most important branch of manufacture, furnishing the principal supply of leather for the interior: the business was introduced by and is chiefly in the hands of refugee Basques from the French side of the Pyrenees. The few tan-works of Andalusia are mostly in the hands of Englishmen. The manufacture of paper and hats has been established with some success; and there are numerous potteries, though the products be prin-In Valencia and cipally of coarse quality. Catalonia, however, finer articles are made; but even there the art is only in its infancy. is a royal porcelain manufactory at Madrid, on the plan of that of Sèvres, occasioning, like its prototype, a constant loss. Soap is made on a somewhat extensive scale in various parts of Spain, that of the best quality being exported. In Biscay, the production and manufacture of iron has been for many years conducted with considerable activity; and it is probable that the depression occasioned by the late civil war, of which Biscay was the principal seat, has already been removed. It is impossible, however, that the iron trade of Biscay, how abundant soever the ore, can rise to any great importance; since wood fuel is scarce, and coal, being at a considerable distance, and the roads extremely bad, is little used; while English coal, which might be procured at about 1-3rd the price, is strictly prohibited. Still, however, to some extent, at least, in almost every village of the prov., the ironware manufacture is carried on. Horseshoes and nails, coarse locks, guns, and bed-steads, are the leading articles with which the Biscay manufacturers supply the interior: large copper utensils are also made on a considerable scale in this part of Spain. Muskets, pistols, and sabres are manufactured by the government in Valencia; and several minor establishments exist at Saragossa, Barcelona, Malaga, Cadiz, and Seville. Sword blades of the finest temper and quality con inue to be produced in the Fabrica das Armas, near Toledo; but the quantities are compara ively inconsiderable. manufactures of saltpetre and gunpowder, brass cannon, tobacco, porcelain, tapestry, and mirrors, are conducted exclusively by government; the supply is very limited, the prices of the articles produced extravagantly high, and, excepting tobacco, they are all productive of loss. In some parts, mats, shoes, and other articles, are extensively made of the esparto rush.

may be specified the oppressive influence of the alcabala, and other taxes (see post), corporation Spain that every part of her political system has

been alike vicious and objectionable. Had her commercial policy been liberal, it would, in some degree, have compensated for the defects in the distribution of property and political power, and would, no doubt, have given a powerful stimulus to industry. But, unluckily, it has been in perfect harmony with her other institutions, and was, in all respects, worthy of the favourite seat and stronghold of the Inquisition. From the reign of Ferdinand and Isabella down almost to the present time, the policy, if so we may call it, of the Spanish government has been wholly anti-commercial. Their grand object has been to exclude foreign manufactures from the Peninsula, and to preserve a monopoly of its markets, as well as of those in the colonies, to the home manufacturers. The reader, however, can hardly require to be told, that their efforts to bring about this result have been signally unsuccessful. The oppressive taxes imposed on the manufacturers, the multiplication of fasts and holydays, the government monopolies, the badness of the roads and other means of communication, made it impossible for the Spanish manufacturers, even if they had evinced greater enterprise and industry than they have done, to produce manufactured articles as cheap as the English, the French, and others less unfavourably situated. Under such circumstances, the prohibition of certain descriptions of commodities, and the oppressive duties laid on others, had no effect except to suppress the legitimate commerce of the country, and to throw it wholly, or almost wholly, into the hands of smugglers. Any one who takes up a map of Spain must be satisfied at a glance that it would be impossible, even for an army of customs officers, to prevent her being deluged with smuggled products, provided they were materially cheaper than her native products; for, besides her extensive sea frontier, they may be introduced by way of France and Portugal, and also through the Basque Provinces, which have distinct laws, and enjoy an exemption from the commercial code inflicted on the rest of the kingdom. We need not, therefore, be surprised that every effort to prevent the clandestine introduction of foreign productions should have completely field. The severities occasionally inflicted on the smugglers, instead of abating, seem really to have increased, the evil. The contraband trade has long been a favourite occupation, and has been eagerly followed by the adventurous, the necessitous, and the desperate. It is believed that for nearly three centuries from 100,000 to 150,000 individuals have been pretty constantly engaged in this occupation; that is, they have been engaged in trampling on the laws, obstructing their officers, and commit-ting acts of violence and bloodshed. When Mr. Townsend travelled in Spain, the country was a prey to the visorders occasioned by this wretched system. But it was to no purpose that the ex-perience of two centuries, and the writings of many able men, had conclusively demonstrated its destructive influence. The government and the people, thanks to the influence of the Inquisition and the clergy, were so ignorant and in-fatuated as to shut their eyes to its effects, and to resist every attempt to modify it, or to render it less hostile to the public interests.

And, strange to say, notwithstanding all the vicissitudes Spain has undergone in the interval, her old anti-commercial policy continued to maintain its ascendancy down to 1849. But the leading Spanish statesmen having been, at length, satisfied of the disastrous influence of the old

system, a vigorous effort was made, in the year now mentioned, to introduce a more rational tariff; and notwithstanding the selfish and shortsighted opposition of the Catalans and others. the new tariff was happily passed into a law. It is true that it leaves much to be desired; but it is, at the same time, a vast improvement on the system by which it was preceded; and it is especially valuable as being the first step in the introduction of a new and more liberal and rational policy. In a few cases the duties on importation have been increased, but in the great majority of instances they have been reduced, and the greater number of the articles that were formerly prohibited are now admitted on the payment of duties. The following are the bases of the new tariff, viz. : .

"Machines and instruments necessary for agricultural, manufacturing, and mining operations, to pay a duty of from 1 to 14 per cent. ad salorem.

"Raw material not abundantly produced by Spain, and used in the operations of the national industry, whatever be the form or the increase of value that it may acquire,

to pay from 1 to 14 per cent.

"Raw material similar to that abundantly produced by Name measures similar to that abundantly produced by Spain, productive agents in the same case, such as eccal and coke, and articles of merchandise of foreign manu-facture which may compete with those of the same kind and quality manufactured in Spain, to pay from 25 to 56 ner cent." per cent.

N. B.—Cottons and silks come under this class. The duties on the former are generally about 35 per cent. as

"Foreign produce and manufactures required for con-sumption, and not supplied by the national industry, to pay a maximum of 1b per cent., and at the utmost 20 per cent. in every exceptional case.

"The duties hitherto levied on the colonial produce of

foreign countries to be suitably increased.

"A discriminating duty of 20 per cent. to be charged on articles imported in foreign hottoms; and on those articles which contribute most to the support of the national navigation the discriminating duty may be raised to 50 per cent."

to ou per cent."

The prohibited imports are arms, projectiles, and monitions of war, including all kinds of gunpowder, quick-silver, charts published by the Admiralty, and reprinted abroad; maps and plans by Spaniards, during copyright; clinabar; vessels constructed of wood of less burden than 200 tens. of 90 culticals can be seen as a constructed of wood of the construction of the abroad; maps and plans by Spaniards, during copyright; clunabar; vessels constructed of wood of leas burden than 300 tons, of 20 quintals each; grain, flour, biscuik, bread, and macaroni, &c., for soup, not admitted by the corn law; books and prints in Spanish, by Spanish authors, if not imported by those individuals during copyright; missals, breviaries, and other books of liturey (discitonaries, vocabularies, insignias, devices, and military rornaments are not included in this prohibition); pictures, &c., offensive to morality, or ridiculing the Catholic religion; common salt, tobacco, shoes, and readymade clothing, except for the private use of travellers; hemical preparations forbidden by the sanitary laws.

Moderate export duties to be levied on antimony or galena, not argentiferous; black copper, roughly melted; litharge containing less than an ounce of silver per quintal; pig lead, raw silk.

Prohibited exports. —Cork in the bark of the provinces of Gerons; litharge containing an ounce and upwards of silver per quintal; argentiferous galena; lead consisting 24 drachms and upwards of silver per quintal; cotton, hempen, and woollen rage, and worn-out articles of those materials.

The high discriminating duty on goods imported

The high discriminating duty on goods imported in foreign bottoms is the most objectionable feature in this tariff; though we can hardly be surprised at the Spaniards continuing to act on a principle that was acted upon down almost till esterday by the English and the Americans. We believe, however, that it will be far more injurious to themselves than to any one else; and that its effect will be to lessen and embarrass their trade without really providing employment for Spanish merchantmen

To the other facilities for smuggling in Spain must be added the venality and corruption of the customs' officers. Notwithstanding his espanolism, Mr. Ford bears testimony to its universelity. He says, " Every lock in Spain is to be picked with a silver key, and every difficulty smoothed

tem, her commerce would speedily be doubled, and that, at no very distant period, it would be increased in a much greater proportion.

The great articles of export from Spain consist (exclusive of silk manufactures) of raw products. Of these, wine, olive oil, wool, fruits of various kinds, lead, quicksilver, brandy, cork-wood, salt, raw silk, wheat, &c. are the most important, and are almost all susceptible of an indefinite increase.

The great articles of import are colonial products, obtained principally from Cuba, Porto Rico, &c.; cottons and cotton wool; linens, and bemp and flax; woollens; saited fish; hardware, glass and earthenware; timber, rice, hides, butter and cheese, &c. Subjoined is

An Account of the Quantities and Values of the principal Articles of Native Produce exported from Spain in 1849, showing, also, the proportional Value of each Article.

Articles in the their Impor	Order of	Quan	iities.	Value in Reals Vn.	Amount per cent. of Total Value.
Wine, sherry Ditte, common Ditte, Malaga	: :		-	79,830,630 32,760,768 4,162,791	
Olive oil - Flour - Fl		569,726 1,629,586 141,024 	quintla. arrobas ibs. fanegas ibs. quintla. ibs. quintla. ibs. quintla. yards ibs. quintla. yards ranegas	77, 61, 514 29, 74, 54, 53 14, 55, 281 13, 50, 902 11, 15, 15, 5 17, 20, 000 11, 287, 903 10, 004, 503 5, 51, 527, 528 4, 155, 1915 4, 155, 1915	22:76 9:95 7:95 7:95 6:94 6:95 5:96 5:96 2:94 2:94 2:94 2:94 2:94 2:94 2:94 0:74 0:74 0:54 0:54 0:46 0:46 0:46 0:46 0:46 0:46 0:46 0:4
factured from Maire Cattle Garbansoe, or el Garden stuff White paper Books Rice Sedge matting: (Espario labra). Lennons Sansages Hempen yarn Oli of almonds	flour sick-pea	46,247 6,063 24,041 335,287 51,240 7,578 72,609 61,319 30,489 152,126 3,775 225,688	reams arrobas quintls, thads, los, quintls, lbs,	1,836,929 1,646,215 1,601,798 1,600,242 1,503,122 1,479,978 1,446,014 1,358,949 1,49,253 1,209,765 1,177,724 1,156,446 1,096,548	0-40 0-35 0-34 0-34 0-32 0-32 0-30 0-29 0-28 0-25 0-25 0-24
Kidney beans Sugar Salted codfish Grapes All other article Total		113,816 26,056 94,064 102,489	arrobes —	1,047,036 1,044,879 916,768 912,768 30,725,990	0.53 0.55 0.50 0.19 6.56

by a properly administered bribe. The customs empleados have been defined to be gentlemen, who, under the pretence of searching portunanteaus, take money on the highway without incurring the diagrace of begging or the danger of robbing; and practically they worry honest travellers who won't pay them, as much as they facilitate those who will." But in truth this venality is not confined to the revenue officers, but pervades and debases all classes, from the highest to the lowest.

We incline to think that, allowing for smuggling, the import and export trade of Spain might ach be estimated, previously to the late change in the tariff, at about 4,000,000L sterling, or, perhaps, a little more. And, considering the vast, and, as it were, unexplored resources of the country, and the infinite variety of desirable products she could supply to others, we have no doubt, that, under a really free commercial system, her commerce would speedily be doubled, that, or commerce would speedily be doubled, each of the work of the exports to Spain in 1849, amounted to 676,6861, not a third the commerce of a really of the sports to Spain in 1849, amounted to 676,6861, not a third the products of the substration from Spain. At the exports to Spain in 1849, amounted to 676,6861, not a third the products of the substration of the smuggler, and some portion, also, of the exports to Spain in 1849, amounted to 676,6861, not a third the products of the substration of the smuggler, and some portion, also, of the exports to France. The direct of the substration of the smuggler, and some portion, also, of the exports to France. The direct of the substration of the smuggler, and some portion, also, of the exports to France. The direct of the substration of the smuggler, and some portion, also, of the exports to France. The direct of the substration of the smuggler, and some portion, also, of the exports to France. The direct of the substration of the smuggler, and some portion, also, of the exports to France. The direct of the substration of exports to Spain in 1849, amounted to 676,6361., not a third part of what they would be if Spain adopted a really

third part of water the control of the roads, and their unfitness for carriages, the principal carriers of merchandise are for carriages, the principal carriers of merchandise are the arrieros, or muleteers, who traverse the country in all directions along beaten tracks, many of which are accessible only to them. They form a large portion of the provincial population, and, on the whole, have a good character for honesty to their employers, though they are nearly all, more or less, engaged in smuggling transactions. The extent of this traffic may be estimated from the fact, that about three fourths of the entire iniand traffic in corn is carried on by their means. Recently, however, waggons have begun to be introduced on all the practicable roads, and should the latter be improved, the business of the arrieros will proportionally fall off.

Currency.—The trade of a banker, as it is understood in Great Britain, is unknown in Spain; but several banks have been established in Madrid, and there is an extensive circulation of inland bills of exchange. All merchants in good credit call themselves bankers, do banking business, and have agents and connexion in the different the arrieros, or muleteers, who traverse the country in

sive circulation of minam unus or exchange. All intrichants in good credit call themselves bankers, do banking
business, and have agents and connexions in the different
towns, to facilitate their operations; but there is, notwithstanding, considerable difficulty in remitting money
from place to place, and a different rate of exchange fraquently existe between towns only a few leagues distant.
In ordinary transactions there are no substitutes for cash,
and a good deal of trouble and inconvenience is experienced in counting, examining, and weighing the coins.
Accounts are kept in realers de selom, of which about
90 are equivalent to 11. The pistole is worth 16s. 9d.
British currency. The money in circulation consists of
gold and silver coins of very various value, and of copper.
Dollars are rarely seen, especia ly in the N. and near the
sea-coast, in consequence of the premium they bear in
France, to which they are smuggled in large quantities,
not withstanding the penalties consequent on their exportation. Travellers are allowed to carry out of the
country a sum for their expenses, amounting to 280, in portation. Travellers are allowed to carry out of the country a sum for their expenses, amounting to 2W, in gold only; and should they be found, on examination, to have more, the whole may be selzed. Oil is sold by the arroba smisa, 100 of which are equal to 335 English wine-gallons: 4 arrobas are equal to a quintal, or 102 English pounds. The cakiz, or measure for corn, is divided into 12 fanegas, 5 of the latter being equal to a quarter. One hundred Spanish waras, or yards, are equal to 925 Eng. yards, and a Spanish legua contains 5,000 varas. The traveller tries in vain to find a rule whereby he may compare the Spanish land measures with the English acre; and, with respect both to weights and measures generally, they vary greatly in different provinces.

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on it since 1831. The roads of Biscay and Navarre, also (owing to their being placed under a provincial government), are more numerous, better constructed, and more carefully managed, than in the rest of the country. The great complaint with respect to these roads, whether originally made with road-metal, or formed partly by tracks of carts, and afterwards improved, is, that they are seldom provided with bridges over the numerous torrents pervading the country, and scarcely ever kept in proper repair. The mountain-roads are mere paths worn by the feet of the mules during a long series of years. The revenue applicable to the construction and repuir of roads is derived partly from local taxes, levied by postage-dues, and duties on articles of consumption; and partly, also, on toils levied at intervals of 10 or 12 English miles. The toils appear to he light; but the government is said to derive from them a greater revenue than it expends on the roads. The common reades are under the superintendence of a board under the presidency of the Board of Finance, and the government funds are available only for these roads, the rest, being left either to the chance sums levied on the rest being left either to the chance sums levied on the rest being left either to the chance sums levied on travellers, or to the wheels of carts and the feet of mules! With respect to the sums of carts and the feet of mules I with respect to the sums of money employed in repairing roads in Spain, it may suffice to state, that although that country be more than three times the sus of England, and naturally more difficult, the outlay on roads in it is hardly one twentieth part the sum expended on those in England. The diligences on the principal roads those in England. The diligences on the principal roads are decidedly better than might have been expected, and travel at the rate of 6 or 7 m. an hour.

Travelling in Spain is generally regarded by most foreigners as extremely dangerous, as well as slow and laborious. And though the risk of attack from banditti

and robbers has been much exaggerated, it has been, and in some districts still is, far from inconsiderable. We borrow from Mr. Ford the following statements:— We borrow from Mr. Ford the following statements:—
"The Ladrones en grande are an organised gang of wellmounted, well-armed men, from ten to fourteen in number, and commanded by a chief; and as they seldom attack travellers except at a great advantage, it is better
to lose one's dollars than one's life, and to submit with
a good grace to the polite request of putting your face,
mouth downwards, into the mud,—the Boja ubajo, which
will take no demial: not, however, that we ever heard of
its being strictly enforced as regards any of our countrymen. The next class are the Raderos, the rats. These
are not organised permanent bodies, but skulking, illconditioned footpads, who lurk about suspicious ventus,
on the look-out for an accidental affair. They seldom
attack armed and prepared persons. A lower rufflan
still is the Raderillo, or small rat, who is a solitary performer, confining his attacks to the utterly defenceless.

"The regular and only really formidable robbers have
almost disappeared, in consequence of the institution of

almost disappeared, in consequence of the institution of a body of picked and well-armed men, who are stationed in the principal routes as escorts and patrols. They are called guardias civiles, to distinguish them from wiltiary guards. The system is borrowed from the gendarmerie guards. The system is borrowed from the gendarmerie of France, whence the troopers are called by the people hips de Luis-Felipe, sons of Louis-Philippe, and Polizones, a new word coined out of the French politisons, or rascals. Diligences, in periods and localities of danger, are usually provided with armed guards of their own: and there is also a body of armed men on foot, called Miguellies, whose business it is to keep the peace, and by whom convoys of value and travellers of rank are encorted. These was few places in which an extempore

Miguelites, whose business it is to keep the peace, and by whom convoys of value and travellers of rank are excorted. There are few places in which an extempore protection may not be hired of Escopeteros, or men armed with a gun, which in truth is the definition of half the Iberian family, when outside a town's wall. Except when ladles are in the case, and the localities are notoriously infested for the moment, all these precautions are needless. A riding party of armed kinglishmen may dismiss the bugbear altogether, from the Pyrenees to the Straits of Gibraltar."

Cassals.—No country in Europe is worse provided with canals than Spain, though, looking at the map merely, one would suppose that in none were there greater facilities for their construction. But the imbecility of the government, the ignorance of the people, the porousness of the soil, and the heat of the climate, oppose very serious obstacles to their formation. Still, however, some advances have been made, and the government of tabella II. may, in this respect, be advantageously contrasted with that of Charles II. During the reign of the latter, a company of Dutch contractors offered to render the Mancanares navigable from Madrid to where it falls into the Tagus, and the latter from that point to Lisbon, provided they were allowed to levy a duty for a certain number of years on the goods conveyed by this channel. The council of Castile took the proposal into their seriprovided they were allowed to levy a duty for a certain number of years on the goods conveyed by this channel. The council of Castile took the proposal into their serious consideration, and, after maturely weighing it, decided, "That if it had pleased God that these two rivers should have been navigable, he would not have wanted human assistance to have made them such; but, as he had not done it, it is plain he did not think it proper

that it should be done. To attempt it, therefore, would be to violate the decrees of his providence, and to mend the imperfections which he designedly left in his works!" (Clarke's Letters on Spain, p. 284.)
But such undertakings are no longer looked upon as

But such undertakings are no longer looked upon as sinful, and several have been projected, and a few completed, since the accession of the Bourbon dynasty to the throne of Spain.

The canal of the Ebro, from Tudels to Santiago, 41 m. below Saragossa, was chiefly executed in the reigns of Charles 111. and IV., under the administration of Country of the control of nearly its whole extent for barges of small draught, be-sides being extremely useful for the irrigation of the sur-

navigation on any large scale, it is make avaisable during hearly its whole extent for barges of small draught, besides being extremely useful for the irrigation of the surrounding country.

The most important project of this kind at present on toot is the canal of Casille, intended to open a communication between the vast and fertile plains of Oile Castile and Leon, and the N. Sea, and to afford an order for their surplus produce. It has been constructed from Segovia on the S., past Valladolid and Palencia to Aguilar del Campo: a branch runs westward to the Rio Sea, and another is in course of construction to Burgos. The inefficiency of the engineering processes, the difficulty of procuring good labourers, and the nature of the soil, have presented serious obstacles to the undertaking, which has now been in progress, with certain intermissions, since its naving the surple of the engineering profited? A large portion is now, however, available for navigation 1 and the advantages that would result from its completion are surpleaded by the made to have it terminated. The navigation of the Tagus has, also, engaged the attention of different Spanish sovereigns; and at the close of the 16th centary the river is said to have been made navigable for burges from Toledo to its mouth; but, if so, it was subsequently the river is said to have been made navigable for burges from Toledo to its mouth; but, if so, it was subsequently the river and produced that a company has undertaken to make it navigable from Aranjuez (23 m. above Toledo) down to Lisbon. The long-pending question respecting the right of the Spaniards to navigate the lower part of the river has been settled, and there is now no reason why small steamers should not ascend as high as Toledo into the richest part of New Castile, thus establishing a valuable trading connexion between the inhabs, of the Interior and of the greatest emporum on the coast of the Peninsula.

Peninsula.

The Guadalquivir was once navigable for flat-bottomed boats up to Cordova, but Seville is the highest point reached at present. Many projects have been set on feet for improving the river by deepening the channel; but the great and sudden floods to which it is subject must have to be a boat to it amount in particular. the great and sudden floods to which it is subject must operate as a bar to its successful navigation; nor, even if the part above Seville were considerably improved, is it at all probable that the bars and sand-banks of the marshy district known as the Marsone could be so far removed as to make the river accessible by sea-borne vessels even as far as Seville.

removed as to make the river accessible by sea-horse versels even as far as Seville.

Population.—We have already noticed the exaggerated and unfounded statements, with respect to the former flourishing state of agriculture, manufactures, and commerce of Spain. Inasmuch, however, as the population of a country is mostly dependent on its agriculture and manufactures, it follows that the same farts and reasonings which show that their extent and prospective in the litth and lith centuries had been greatly exaggerated, go far, also, to show that this must have been the case with regard to the accounts of the comparatively desse population of Spain at the gra alluded to. Down to the lith century, or to the junction of the crowns of Casti'e and Aragon by the marriage of Ferdinand and laselia. Spain was divided into a number of states, between which the most violent animosities subsisted, and most parts of the Peninsula were a prey to violence and every species. the most volcent animosities subsisted, and most parts of the Peninsula were a prey to violence and every species of disorder. It would be contradictory and absurd to suppose that a country placed under such circumstances could be densely peopled. And Capmany has conclu-sively shown that there are really no grounds whatever

sively shown that there are really no grounds whatever for thinking that Spain had been at any time more populous than at the period (1807) when his acute and learned work, the Guestiones Criticas, was published.

No doubt, however, the population of Spain declined considerably during the disastrous reigns of Philip III., Philip IV., and Charles II. This decline has been ascribed, in great part at least, to the expulsion of the Moors in the reign of Philip III. But, though it be ispossible too strongly to condemn this measure, and that of the expulsion of the Jews during the reign of Ferdnand and Isabella, and the detestable fanaticism in which these acts originated, we are, notwithstanding, inclined nand and isabella, and the detestable fanalticism in which these acts originated, we are, notwithstanding, inclined to think that their influence has been a good deal over-rated. The numbers expelled were magnified far beyond the truth; and it is farther obvious that the vacuum, such as it was, created by their expulsion, would, in ordinary circumstances, have afforded a new field for the employment of those who continued in the country,

and have acted, in fact, as a stimulus to population. Neither are we inclined to lay any stress on the state ments of those who contend that Spain was depopulated by the emigrations to America. These were far too inconsiderable to have any such result. No one pretends that the emigrations to America depopulate Rugland; and yet they are far more extensive than those from Spain. Indeed, Ulioa, Ustaris, and Campomanes have conclusively shown that the emigrations from the Peninsula had, in no degree the effect accribed to them. sula had, in no degree, the effect ascribed to them.

suita had, in no oegree, the enect ascribed to them.

The truth is, that the decline of pop. between the demise of Philip II. and the termination of the war of the succession, was a consequence of continued and systematic miscovernment, rather than of any particular systematic misgovernment, rather man of any particular acts of oppression. The rapacity, intolerance, and influence of the Spanish clergy, the felo de se character of her financial system, the destructive contests in which she was engaged, the weakness of her sovereigns, and, in a ence of the Spanish clergy, the felo de se character of her financial system, the destructive contests in which she was engaged, the weakness of her sovereigns, and, in a word, her wretched internal policy, prostrated her energies, paralysed her industry, and not only prevented her recovering from, but aggravated, the wounds inflicted by the bigotry of her rulers. But, under the milder, more intelligent, and equitable administration of the Bourbons, some improvements took place; and the pop. having increased gradually, though slowly, during the whole course of last century, is now certainly as great as at any former period of her history, and perhaps greater. "No por eao puede decree, que la España hoya estado mas poblado que al presente, mi en tiempo de los Romanos, ni en el sieglo 16; en euga época suponem algunos escritores arbitrariamente que llegó a 20 d 21 millones el número de sus habitantes. Por el contrario, todos los datos mas eracional, y las combinaciomes mas racionales, persuaden, que no hubo entônces sobre la superficie de España mas de 10 10 milliones de almass, a que el ultimo ceuso reduce es publicacion actual." (Antillon, Geografia, 147.) In 1787 the pop. amounted to 10,268,150, or perhaps 10 millions, as it is believed, on apparently good grounds, that the official returns were below the mark; and since then it has increased nearly two millions.

Under the existing constitution, there is to be a deputy for every 50,000 inhabs; and according to the decree issued on the 3d of Aug. 1837, appointing the deputies for the different provinces, the total pop. of the kingdom amounted to 12,168,000 (see Table at the beginning of this article). We believe, however, that no very great dependence can be placed on this return, though, probably, in the result it is not far from accurate.

Religion.—Spain has long been, and still is, the favourite seat of the Rom. Cath. religion, the country in which it has been maintained in the greatest purity, and to the exclusion of every other. The Inquisition was i

dint of the stake and the rack, and such like atrocious means, in exterminating heresy, or, in other words, all difference of opinion as to religious matters in Spain; and it was, also, mainly instrumental in prevailing on its weak and bigoted sovereigns to banish the Moors. According to Liorente, no fewer than 18,000 individuals, accused of heresy, were publicly burned by the different tribunals of Castile and Aragon; and 191,413, accused of the same offence, suffered other punishments in the brief space between the establishment of the modern Inquisition in 1481 and 1518, only two years after the death of Ferdinand; and since then the number of its victims has been incomparably greater! (Prezont's Ferdeath of Ferdinand; and since then the number of its victims has been incomparably greater! (Prescott's Ferdinand and Isabella, ili. 455.) Probably this statement may be exaggerated; but it is, notwithstanding, abundantly certain, that all other persecutions of which we have any authentic accounts have been mild compared with those indicted by this blood-thirsty tribunal. In point of fact, however, the mischierous influence of the inquisition did not consist so much in its judicial murders, and other atroctics perpetrated in the sacred name of religion, as in its deadly influence over the mind and feelings of the nation. It was, as every one knows, quite as hostile to all sorts of political and philosophical knowledge as to heresy in religion; it was, in fact, the deadly foe of every thing like free inquiry; and while the importation of most useful works from foreign countries was a capital offence, nothing could be printed at home unless it were approved by the inquisitors.

countries was a capital offence, nothing could be printed at home unless it were approved by the inquisitors. Under such circumstances, need we wonder at the ignorance of the Spanish people, their bigotry, intolerance, and the profound veneration they so long displayed for whatever is most worthy of contempt?

The numbers and wealth of the clergy and monastic orders were such as might be expected in a country where the Inquisition was triumphant, and where to commit a murder was a less offence than to insinuate a doubt as to the "real presence!" According to an official statement drawn up in 1812, it appears that the clergy were then in possession of about one fourth part of the landed property of the kingdom, exclusive of tithes and other casual sources of income, producing in all a

total gross revenue of about eleven millions sterling a

total gross revenue of about cleven millions sterling a year! The revenues of some of the dignified ecclesiastics were quite immense: the archibishopric of Toledo is said to have been worth from 65,000t. to 80,000t. a year.

According to the official returns of the census of 1787, the ecclesiastics of all descriptions, including 61,617 monks, 22,500 nuns, and 2,700 inquisitors, amounted to 188,625 individuals. (Tournsend, ii. 312.) And it appears, from the official returns published in the Corroc Literario of Madrid in 1833, that, notwithstanding the attacks made upon the ecclesiastical state during the French war and subsequently, it then comprised 173,574 individuals, of whom 61,727 were monks, and 24,007 nuns.

Happily, however, a very great change for the better has been effected in the Interim. A decree, passed on, the 23d of July, 1835, suppressed all conventual establishments with not more than 12 immates; and the example thus wisely set was followed up by the decree of the 8th of March, 1836, which entirely suppressed all conventual establishments, and religio-military orders. The monks who were thus turned out of their old haunts were to receive small stipends; and it is to be regretted that, owing to the difficulties in which the country has since been involved, these stipends have been very irregularly paid. But the inconveniences thence arising affect only a few individuals whose claims on the public affect only a few individuals whose claims on the public affect only a few individuals whose claims on the public affect only a few individuals whose claims on the public affect only a few individuals whose claims on the public affect only a few individuals whose claims on the public affect only a few individuals whose claims on the public affect only a few individuals whose claims on the public affect only a few individuals whose claims on the public and the second of the state of the second of the subsection of the second of the sec since been involved, these stipends have been very irre-gularly paid. But the inconveniences thence arising affect only a few individuals, whose claims on the public sympathy were of the slenderest description; whereas the measure in which they originate cannot fall to be productive of great national advantage, and is, in fact, one of the most beneficial results of the late changes.

The whole of the vast property formerly belonging to the church has been confiscated for the use of the to the church has been conscated for the use of the state, and a considerable portion of it has been already sold. According to the constitution, the nation under-takes to support the public worship and clergy of the es-tablished church; but, owing to the intestine commo-tions that have prevailed in the country, and its financial difficulties, this condition has not been effectively carried out; and not a few of the clergy are, at present, but little removed from a state of indigence.

little removed from a state of indigence.
It should further be borne in mind that, during the last half century, and especially since the commencement of the late struggle with France, the bigotry of the Spaniards, especially of the inhabs, of towns, and the influence of the priests, have materially declined. And, by a necessary, though unfortunate, consequence, the abuses and vices of the clergy have reacted against religion itself; and, at this moment, most intelligent persons in Spain, though making an outward profession of religion, entertain a profound contempt for the mummerles enjoined by the clergy, and are mostly, indeed, decided sceptics. tain a protound contempt for the nummeries enjoined by the clergy, and are mostly, indeed, decided sceptics. According, however, as the church is purified, and ceases to be identified with every thing most deserving of repro-bation, religion will, no doubt, recover its proper in-fluence, and will cease to be degraded in the public estimation by the intolerance, extortion, and immorality of its reviewers. of its professors.

of its professors.

Government.—At the period of the union of the crowns of Castile and Aragon, by the marriage of Ferdinand and Isabella, each of the kingdoms had representative assemblies, or cortes, that shared in the legislative authonand and Isabella, each of the kingdoms had representative assemblies, or cortex, that shared in the legislative authority, and enjoyod very extensive privileges. Unluckily, however, though the crowns were united, by the marriage now referred to, the kingdoms were not; each continued to preserve its own laws and institutions; and their mutual jealousies enabled the sovereigns to employ the one against the other, and ultimately to crush the liberties of both. This result was greatly facilitated by the extensive conquests of the Spanish sovereigns. In the reign of Ferdinand and Isabella, Granada, Navarre, and Naples, were subjected to the Spanish crown; so that the princes became, in a great measure, independent of the constitutional control of the cortes of their hereditary states. Under Charles V., who possessed, in right of his father, all the dominions of the house of Austria, and under whom all but boundless territories were acquired in the New World, the preponderance of the external dominions of the crown was vastly increased; and the defeat of the forces of the rebellious of the Justizs of Aragon in that of Philip II., completed the extinction of all constitutional control on the acts of the sovereign; at the same time that the Inquisition laws to severe and the acted of the sovereign; at the same time that the Inquisition laws to the same time that the Inquisition laws to the same time that the Inquisition laws the same time that the Inquisition and the second same and the second same and the same time that the Inquisition laws the s of the sovereign; at the same time that the Inquisition

of the sovereign; at the same time that the Inquisition having first controlled, and next eradicated, all energy and independence of mind, the nation gradually sunk into a state of torpor and stupid indifference.

This state of things continued, with slight interruptions, till the invasion of Spain by Napoleon; when the mortified pride of the nation made them take arms in defence of their independence, and of the rights of the worthless imbeciles who had abdicated the crown. It is useless to enter into any details as to the events that followed. The novel circumstances under which the nation was now placed made it necessary to convoke her ancient cortes, and in 1812 a constitution was formed on a representative basis. This constitution was, however, abolished by Ferdinand the moment he was set at liberty

by the French, in 1814; and from this period down to 1820, the ungrateful and vindictive bigot exerted himself to effect the ruin of those to whom he was mainly indebted for the crown, and even went so far as to restore the inquisition that had been suppressed by the French. But the army, and a large portion of the nation, disgusted at these measures, broke out in rebellion, and Ferdinand was compelled to accept the constitution of 1812. Owing, was compelled to accept the constitution of 1812. Owing, however, to the influence of the priests, and the ignorance of a large proportion of the population, the constitution was by no means acceptable to very many classes; and the French having entered Spain with a powerful army, under pretence of restoring order, the constitutionalists were every where defeated, and Ferdinand was once more restored to absolute power.

Ferdinand having expired in 1833, his infant daughter, fashella IL. was preclaimed queen, in virtue of a law lashella IL. was preclaimed queen, in virtue of a law

Isabella II., was proclaimed queen, in virtue of a law entitling her to the crown in preference to her uncle, Don Carlos, the heir of the crown under the Salic law. which had previously obtained in Spain. This led, as every one knows, to an obstinate civil war, which fortu-nately terminated in the total defeat of Don Carlos and

his claims.

In 1834, after the demise of Ferdinand, Christina, the queen-regent and mother of Isabella, proclaimed a char-ter for the Spanish nation, called the *Estatuto Real*; but it gave little or no satisfaction to the liberal or constitutional party, by whom the pretensions of her daughter were supported, and the queen was obliged to issue a decree, pledging herself to adopt the constitution of 1812, with such modifications as the Cortes might agree 1812, with such modifications as the Uortes might agree to. And this constitution having in consequence been subjected to a careful and judicious revision, a new constitution, which is now (1850) in force, was promulgated at Madrid on the 16th of June, 1837. As this is a document of much importance, and has been, and no doubt will be, much referred to, the reader may not, perhaps, but distributed to have it fully half before the be disinclined to have it fully laid before him :-

CONSTITUTION OF THE SPANISH MONARCHY PRO-CLAIMED IN MADRID ON THE 16TH OF JUNE, 1837. CLAIMED IN MADRID ON THE 16rm OF JUNE, 1857.
DOWNA IMBRILLA THE SECOND, by the grace of God and the Spanish monarchy, Queen of Spain; and in her royal mane, and during her minority, the Queen Downger, her morher, Downs American de Borbon, Regent of the empire; to all those to whom Christina de Borbon, Regent of the empire; to all those to whom the sents may come, Be it known. That the Cortes-general have decreed and approved, and that We in due form have accepted the same, as follows: — It being the will of the nation to revise, in virtue of its sovereignty, the political constitution promulgated in Cadiz on the 19th day of March, 1812, the Cortes-general, assembled for this purpose, decree and approve the following Constitution of the Monarchy of Spain: —

19th day of March, 1812, the Cortes-general, assembled for this pur19th day of March, 1812, the Cortes-general, assembled for this pur19th day of March, 1812, the Cortes-general, assembled for this pur19th day of Spain;

"Art. I. Spaniards are, 1st. All persons born in the Spanish dominions. 2d. The children of Spaniards, though born cut of Spain
3d. Strangers who have obtained letters of naturalisation, obtain a right of
Those persons who, without letters of naturalisation, obtain a right of
Those persons who, without letters of naturalisation, obtain a right of
Spanish citizenskip are for the monarchy of Spain. The rights of
Spanish citizenskip are for the monarchy of the spain country,
and by accepting employment under any other government without
the permission of the sovereign of Spain.

"Art. 2. All Spaniards may print and publish their thoughts are
relevable to the spain of the press belongs exclusively to juries
"Art. 3. Every Spanisard has the right of petitioning in writing
to the Cortes and King, as the laws prescribe.

"Art. 4. The same code of laws shall govern in all parts of the
monarchy, and in them shall be recognised by all Spaniards but one
"Art. 5. All Spaniards are eligible to public offices, according to
"Art. 5. Every Spaniard is obliged to defend the country with arms
in his hands whenever he may be called upon to do so by the law,
and to contribute according to his abilities to the expenses of the
state.

"Art. 7. No Spaniard can be detained, imprisoned, or taken from
"Art. 7. No Spaniard can be detained, imprisoned, or taken from
"Art. 7. No Spaniard can be detained, imprisoned, or taken from
"Art. 7. No Spaniard can be detained, imprisoned, or taken from
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"Art. 7. No Spaniard can be detained, imprisoned, or taken from
"Art. 7. No Spaniard can be detained, imprisoned, or taken from
"Art. 7.

and to contribute according to ma number to use expensions state.

"Art.7. No Spaniard can be detained, imprisoned, or taken from his family, nor his house entered, excepting in those cases and according to the forms determined by the laws.

"Art.8. If the security of the state require, in extraordinary circumstances, the temporary suspension, in whole or in part, of the Spaniah monarchy, the provisions of the preceding article are to be determined by the law.

"Art.9. No Spaniard can be prosecuted or sentenced, except by a judge or competent tribunal, in conformity with laws enacted anterior to the commission of the offence, and in the manner laid by them.

them.

"Art. 10. The confiscation of property is abolished, and no Spa-niard is to be deprived of his property, except in cases justified by public utility, and with a previous indemnification of looses sustained.

"Art. 11. The mation is obliged to maintain the public worship and ministers of the Catholic religion professed by the Spaniards.

" Of the Cortes.

"Art. 12. The power of enacting laws resides in the Cortes, in conjunction with the king.
"Art. 13. The Cortes is composed of two co-legislative bodies equal in powers — the Senate and the Congress of Deputies.

" Of the Senate.

"Art. 14. The number of senators shall be equal to three fifths of the whole number of the deputies.
"Art. 15. The senators are appointed by the king, from a triple let proposed by the electors of each province who elect the deputies. The senators are appointed by the proposing a number of senators proportional to its population; but each is for return one senator at least. "Art. 17. To be a senator it is necessary to be a Spaniard, to be sartly sears of age, and to be possessed of the income and other qualisations defined in the electoral law."

The proposed for the office of senator in any of the previnces of the mo-tarchy.

"Art. 19. Each time that there is a general election of dependent of the consequence of their term of office having expired, so of a dissolution of the congress, the third part of the senants, in the of seniority, is to be renewed, those going out being re-eligible." Art. 20. The sons of the king and of the immediate beir to the throne are senators of right at the age of twenty-five years.

" Of the Congress of Deputies.

"Art. 21. Each province shall appoint one deputy at least the very 50,000 souls of the population." Art. 22. The deputies are elected by the direct method, may be re-elected indefinitely.

"Art. 23. To be a deputy it is necessary to be a Spaniard, in the second state of the completed the 25th year, and to possess all the other qualifications prescribed by the electron law.

"Art. 24. Every Spaniard possessing these qualifications may be named a deputy for any of the provinces."

"Art. 25. The deputies shall be appointed for three years.

"Art. 25. The deputies shall be appointed for three years.

" Of the Meeting and Faculties of the Cortes.

"Art. 26. The Cortes are to assemble each year. It is the vigo of the king to convoke them, to suspend and close their meeting, and dissoive the Cortes; but under the obligation, in the latter case of convoking and re-assembling another Cortes within the period of

and dissolve the Cortes; but under the congazion; in the period of convoking and re-assembling another Cortes within the period of convoking and re-assembling another Cortes within the period of three months.

"Art. 27. If the king should omit to convoke the Cortes on the let of December in any one year, the Cortes are notwithstanding to seemble precisely on that day; and in case of the conclusion of the semble precisely on that day; and in case of the conclusion of figure in the configuration of the configuration of the consumence of the first Sunday of the month of October.

"Art. 28. On the demiss of the crown, or on the king being intrast Sunday of the month of October.

"Art. 28. On the demiss of the crown, or on the king being intrasticated to govern through any cause, the extraordinary Corner of the control of th

in the case and the legislative bodies are not to deliberate in conjustion, nor in the presence of the king.

ion, nor in the presence of the king.

"Art. 55. The sessions of the senate and of the congress shall be public, and only in cases requiring reserve can private siming in

"Art. 35. The king and each of the co-legitlative bodies posed the right of originating laws.

"Art. 35. Laws relating to taxes and public creedit shall be presented first to the congress of deputies; and if altered in the sense contrary to the form in which they have been approved by the contrate of the form in which they have been approved by the contrated on the form in which they have been approved by the contrated on the form in which they have been approved by the contrated on the form in which they have been approved by the contrated on the form in which they have been approved by the contrate the form in the form definitive bedies are lost determined by an absolute plurality of votes; but in the enactant of laws the presence of more than half the number of each of these bodies is necessary.

be determined by an archive than half the tension of laws the presence of more than half the tension of law the presence of the co-legislative bodies should refuse at be best of law submitted to them, or if the king should refuse at be lect of law submitted to them, or if the king should refuse at be lect of law submitted to them, or if the king should refuse at be lect of law submitted anew in this law is not to be submitted anew in this law is not to be submitted anew in the law is not to be submitted.

is anction, such project of law is not to be submitted anew in the legislature.

"Art. 40. Besides the legislative powers which the Cortes current in conjunction with the king, the following faculties belong to them. — First, to receive from the king, the immediate successor to the throne, from the regency or regent of the empire, the each to observe the constitution and the laws. Second, to residve any doubt that say arise of fact or of right with respect to the order of succession to the regency of the constitution demait in Corte and the receiver of the empire, and to no sleet the regent, or appoint the regency of the empire, and to no sleet the regent, or appoint the regency of the empire, and to no sleet the regent, or appoint the regency of the empire, and to no sleet the regent, or appoint the regency of the responsibility from the ministers of the crown, where the legislative flows the deputies, and judged by the senators.

"Art. 41. The senators and deputies are irresponsible and invisible for opinions expressed and votes given by them in the discharge of their duties."

"Art. 42. Senators and deputies are not to be proceeded against a mrested during the sessions without the permission of the legislative for owhich they may belong, if not take in the act of committing to which they may belong, if not take in the act of committing to which they may belong, if not take in the act of committing the content of the register of the force are closed, they are to give invalidate in the act closed, they are to give invalidate."

"Art. 43. Benuties and senators who receive from the programme."

cognizance. The property of the respective consistency of the government of the royal family pension, employment which may not be a from the royal family pension, employment which may not be a from the royal family pension, employment which may not be a from the royal family pension, employment which may not be a from the royal family pension or titles, are subject to a find, commission with salary, honours or titles, are subject to a find, commission with salary, honours or titles, are subject to a find.

of the King.

"Art. 44. The person of the king is sacred and inviolable, and is not subject to responsibility. His ministers are responsible, and is not subject to responsibility. His ministers are responsible, "Art. 45. The person of the king is sacred and inviolable, and his authority extends to all ministers are responsible. Art. 45. The sacred to all ministers are responsible in the king, and his authority extends to all ministers are responsible of the security of the state abroad, in conformity with the provisions of the security of the state abroad, in conformity with the provisions of the constitution, he possesses the following:—1. To issue decrees, regulation, and instructions, which may be conductive to the execution of the same part of the provisions of the laws. To pardon criminals, according to the provisions of the laws.—3. To pardon criminals, according to the provisions of the laws.—5. To pardon criminals, according to the provisions of the laws.—7. To provide for the consequence, afterwards giving an account and document war and make peace, afterwards giving an account and document war and make peace, afterwards giving an account and document war and make peace, afterwards giving an account and document was as may be most convenient.—6. To conduct disjunction decreases are most convenient.—6. To conduct disjunction of the fund destined for each brauch of the most of the supplication of the fund destined for each brauch of the funds of the supplication of the funds destined for each brauch of the law.—10. To name and dismiss holded to be authorised leaves, in conformity with the law.—10. To name and dismiss holding to be authorised the supplication.—7. For the laws.—10. To admit foreign treops into the kingdom.—3. For the

ion of treaties of official ve alliance, of special treaties of com-and those which stipulate to give assistance to any foreign -4. To absent himself from the hingdom. -5. To contract cop, and to parmit those who may be called to the throne to to that state. -5. To abdicts the throne in favour of his

"Art. 49. The income of the king and royal family is to be settled by the Cortes at the commencement of each reign.

" Of the Succession to the Crown.

"Art. 50. Donne Isabel II. de Borbon is the legitimate Queen of

nation.

Art. 54. The Cortes shall exclude from the succession such some as are incompetent to govern, or who have done any thing ich should cause them to deserve forfeiting their rights to the

"Art. 55. During the reign of a female her husband is to take no rt whatever in the government of the kingdom.

" Of the Minerity of the Sovereign, and of the Regency.

"Art. 56. The sovereign is to be considered a minor until he is fourteen years of age.

"Art. 57. When the king is incapacitated from exercising his functions, or the crown is vacant in consequence of the minority of functions, or the crown is vacant in consequence of the minority of functions, or the crown is vacant in consequence of the minority of preventment of the kingdom, consisting of one, three, or five persons.

"Art. 58. Until the Certes shall appoint the regency, the kingdom shall be governed provisionally by the father or mother of the king, and in their absence by a council of the ministers.

"Art. 59. The regency shall exercise all the functions of royalty, in whose mans shall be published all the acts of the government.

"Art. 50. The guardian of the king, while a minor, shall be the resulting three controls of the control of the cont

" Of the Ministers

⁴⁴ Art. 61. All commands or dispositions issued by the sovereign shall be signed by the respective ministers; and no public functionary is to execute such orders if not thus signed.

⁴⁴ Art. 62. The ministers may be senators or deputies, and take pair in the discussions of the two legislative bodies; but they are permitted to vote in that body only to which they belong.

" Of the Judicial Power.

"Art. 63. To the tribunals and judges alone belong the power to apply the laws in civil and criminal case, and without exercising any other and in the continual case, and without exercising any other and the continual case, and without exercising any other and the continual case, and in the case and judgments which are to exist, the organisation of each, its faculties, the mode of proceeding, and the qualifications of the officers belonging to them.

"Art. 65. Judgments in criminal cases to be public, and in the farm pracerized by the law of the continual cases to be public, and in the farm pracerized by the law of the continual case to be deposed, for a shorter or the continual case of the dates of this office, according to a sufficient product, or a continual case of the dates of this office, according to a sufficient grounds, commands him to be tried by a proper tribunal.

"Art. 67. Judges are personally responsible for all infractions of the law commisted by them."

"Art. 68. Justice is to be administered in the name of the king.

"Art. 68. Justice is to be administered in the name of the king.

" Of the Previncial Deputations and Corporations.

"Art. 60. In each province three shall be a provincial deputation, composed of a number of persons specified by law, and appointed by the tame electors who return the deputies to Cortes.

"Art. 70. For the internal government of towns a corporation shall crist in each, to be elected by the inhabitants to whom this right.

shall exist in our i, to be several by the innances to work the right pertains by law.

"Art. 71. The law shall determine the organisation and duties of the provincial deputations and the corporations.

" Of Taxes.

or Art. 72. Each year the government shall submit an estimate of the expenses of the state for the following year, and a schedule of the constitutions and of the means of raising them; and in like manner the accounts of the collection and disbursement of the public revenues, for the examination and approval of the Cortex.

The public revenues of the contribution is to be imposed or collected which has not be an authoritised by the lew of the estimates or other manufactures by

special authority.

Art. 74. A similar authorization is necessary to dispose of the property of the state, and for raising money by losss on the public

Art. 75. The public debt shall be under the special protection of

" Of the National Military Forces

"Art. 76. The Cortes, at the proposition of the king, shall each ser determine the number of the permanent military forces by see

year desermine the sumber of the permanent military part desermine the sumber of the permanent military whose organisation and dustics are to be defined by a particular law; and the king may, in case of necessity, dispose of these forces within their respective provinces, but not out of them without the express sutherisation of the Coruss.

"ADDITIONAL ARTICLES.

"Art. 1. The laws shall define the time and manner in which judgments by juries for every clean of offences are to be established. "Art. 2. The provinces beyond the seas shall be governed by special laws."

The husiness of the Spanish government is carried on by ministers of the interior, justice, foreign affairs, war, marine, and finance. The kingdom is now, as aiready seen, divided into 47 provinces, exclusive of the Balearic and Canary Islands. The constitution declares that a provincial deputation, or cortes, shall be elected in every province, for the superintendence of its internal afficies and that corporations are to be established in the different towns. Such corporations have, indeed, long existed in Spain; and every puchlo in the kingdom, great and small, has, for a long series of years, laid its ayanamuicato, or corporation, which manages the common property (often very large) of the pueblo; applots and levies the taxes required for public and private purposes, &c.; and otherwise enjoys considerable power and influence: and influence

and influence:
The laws of Spain, previously to the late revolution, and the greater number of those now in force, are embodied in the codes known by the title of Fuero jugge, Leyes de las Slete Partides, Ordenamiento Real, Fuero Real, and Novissimo liccopilacios. The first of these is, in the main, an abridgement of the Theodosian code, originally published by Alaric, son of Buric, one of the Gothic conquerors of the Peninsula, and successively augmented by the addition of new laws. The Ordenamiento Real contains the code of laws established by Verdinard and conquerors of the Peninsula, and successively augmented by the addition of new laws. The Ordenamiento Real contains the code of laws established by Ferdinand and Isabella. The Leyes de las Siete Patiklas is a compound of Gothic, Roman, and canon law. The Fuero Real (a mixture of Roman and Gothic law) was compiled at Huesca in 1248, for the use of the kiugdom of Aragon; and the Novissimo Recopilacion is a digested collection of edicts issued by the kings of Spain, and enjoys the highest authority. It cannot be surprising that, with so many different and often conflicting codes, the general system of jurisprudence should be extremely defective, But the administration of the laws is incomparably worse than the laws themselves, being slow, complicated, and protracted to a ruinous degree. There are endless appeals from one jurisdiction to another, and the whole machinery of the courts is adapted to screen the venality of the judges, and to afford a rich harvest to the excrebance, or autoriety, the only medium of communication between the client and the judge.

The wretched defects in the administration of justice were, in some degrees, obviated, in so far, at least, as

The wretched defects in the administration of justice were, in some degree, obviated, in so far, at least, as petty cases were concerned, by the adoption of a sort of arbitration system. Individuals, called elcades, annually chosen, according to the different privileges of the different towns, boroughs, and villages in which they reside, decide the cases brought before them, like Sancho Panza in the island of Barataria, according to their own sense of what is right and equitable. But, with the exception of this rude and defective tribunal, every other part of the Spanish judicial system is a tissue of the most scandalous abuses. There is, in fact, but little security for property, and still less for life.

A person robbed or assaulted may prosecute, but, if unsuccessful, is bound to pay all the expenses; and is, indeed, forced to lodge a sum of money with the alcade pedaseo (therfit's officer), before any steps be taken in the business. In cases of murder and assassination, witnesses are afraid to come forward, as it very frequently happens that they are imprisoned until they

ation, witnesses are airial to come forward, as it very frequently happens that they are imprisoned until they establish their innocence. And even when, braving all dangers, individuals boldly denounce a crime, there are at least three chances to one that the culprit escapes from prison, or compounds his felony with the judges; and in that case, the accusers have every thing to dread from the vengeance of the criminal. Thus, from badeness this confidence of the criminal of the criminal of the confidence of the criminal of the confidence of the criminal of the criminal of the confidence of the criminal of the cr from the vengeance of the critimal. Into, trom bad laws, still worse administered, it is cominouly said in Spain, that not one crime in ten is ever brought before the courts; and, though this be probably overstated, if we take the proportion at one in four or five, we shall perhaps be within the mark. Under such circumstances, need we wonder at the frequency of atrocious crimes?

We subjoin An Account of the Criminal Processes brought before the Audiencia Courts throughout the Kingdom in 1844, from a Report from the Minister of Grace and Justice to the Queen.

Audiencia (Courts.	Population.	Persons Tried,	Proportion.
Pampiona		\$20,925 1,022,674 547,420 986,236 1,214,124 966,543 1,140,935 965,315 754,685 956,936 1,471,982 199,930 229,197	1,201 5,159 2,219 5,332 4,484 5,549 4,094 5,256 2,169 2,998 5,903 279 301	1 to 192 199 247 266 270 272 279 296 339 363 377 717
Barcelona Oviedo	: '	1,041,202 434,635	1,662 484	,, 898
Total ·		12,119,759	38,620	1 to 311

Of the 38,630 persons tried, 31,684 had been condemned to various punishments, and 6,936 acquitted; 227 had been condemned to death. The avalysis of the trials gives 600 accusations for political crimes; 202 for crimes against religion; 5,630 against public tranquillity; 2,548 smuggling and other offences against the public finance; 25 against public health; 17,688 against personal safety and honour; 10,426 against property; 67 perjury and other offences against justuce; 562 coining and forgery; 862 adultery, rape, and other crimes against good manners; and, lastly, 11 of abuses of the press.

Language, Literature, and Education.— It seems probable that the Cantabrian was the most ancient language of Spain, of which remnants are supposed by some still

bable that the Cantabrian was the most ancient language of Spain, of which remnants are supposed by some still to exist in the modern Basque, spoken by the Biscayans and other inhabs. of the districts bordering on the Pyrenees. The old language of the Peninsula must, no doubt, have been considerably alloyed by the admixture of Phœnician words and phrases during the Carthaginian domiulon; and when the Romans conquered Spain, they introduced their language, which, for several centuries, was the principal medium of communication of all except those living in the most remote districts. The cept those living in the most remote districts. The Visigoths, who followed the Romans in the possession of the Peninsula, introduced the lingua Romana, a mixture the Peninsula, introduced the lingua Romana, a mixture of the Latin and German languages; but the Latin, though corrupt, still continued to be spoken in many parts. Again, when the Moors overran the country, expelled the Visigoths, and established their own power, they brought with them the Arabic language, already highly cultivated, and well adapted for poetry; and this, in turn, became the general language of the country. Thus, out of numerous elements was gradually formed a new language—the Spanish; and though numerous dialects necessarily arose in the different petty kingdoms into which the country was split, that of Castile became at length the classical language of Spain. Its basis is Latin; and many of the ancient inflexious, as well as words, are still preserved. There are also a large number words, are still preserved. There are also a large number of Teutonic words; but the admixture of Arabic, though very considerable, is less than in the Portuguese. Force of expression, depth of sound, and mellifluous cadence, are the peculiar characteristics of the Spanish; which, however, has a guttural accent, derived probably from its Teutonic origin. The abundance of vowels and li-quids makes the language harmonious when spoken by quits makes the language harmonitous when spoken by native Castillians: it is essentially poetical, and poetry may be considered as the germ of the national literature. It is a curious fact, that there is very little patiois among the Castillans, and that the language is spoken by the lower classes with remarkable purity and preceded.

precision The rise of Spanish literature cannot be traced further back than the middle of the 12th century, for the songs of the Troubadours belong to a period antecedent to the settlement of the language. The ballads composed in of the Troubadours belong to a period antecedent to the settlement of the language. The ballads composed in honour of Rodrigo Dias de Vivar, called el Campeador, or more popularly the Cid, are among the earliest specimens of Spanish writing, and display at once great independence of thought, and felicity of expression. No doubt, however, the Moorish ballads, or those written to celebrate the chivalrous contests between Christian and Moslem knights, that preceded and accompanied the fall of Granada, form the most striking and distinctive part of the national literature of Spain. "The Moorish wars had always afforded abundant themes of interest for the Castilian muse, but it was not till the fall of the carties." of the national iterature of spain. In a bloorish wars had always afforded abundant themes of interest for the Castilian muse; but it was not till the fall of the capital that the very fountains of song were broken up, and those beautiful ballads were produced which seem like the rays of departed glory lingering round the ruins of Granada. They present a most remarkable combination of, not merely the exterior form, but the noble spirit, of European chivalry, with the gorgeousness and effeminate luxury of the East. They are brief, seizing single situations of the highest poetic interest, and striking the eye of the reader with a brilliancy of execution, so artless in appearance withal as to seem rather the effect of accident than study. We are transported to the gay seat of Moorish power, and withess the animating bustle, its pomp, and its reverly, prolonged to the last hour of its existence." (Prescott's Ferdinand and Isabella, ii. 20.) But it was, perhaps, hardly necessary to say so much about the Spanish ballada, as the admirable translations of Mr. Lockhart have made their spirit, at least, familiar to most readers.

to most readers.

to most readers.

The honour of being the first to introduce regular dramatic writing into Spain has been ascribed to Torres' de Naharro, in the early part of the 16th century. He was followed by Loyez de Vega, born at Madrid in 1562, at once the most origi al, most unequal, and most voluminous of the Peninsular dramatists. Calderon, born in 1600, carried the Spanish drama to its highest perfection. Like his great precursor, Loyez de Vega, his plays are most unequal, the finest scenes being mixed up with the most revolting barbarism and extravagance. The astonishing fecundity of these writers may in some degree account for, though it cannot excuse, the defects and incon-

sistencies in their dramas. The published works (which do not, however, embrace nearly all his pieces) of Lopes de Vega consist of 25 vols. 4to., each containing 10 or 12 plays; and 127 dramas are ascribed to Calderon, besides a still greater number of vaudevilles, interiudes, &c. The Spanish drama, however, has long fallen into decay. The humiliation of the country during the disastrous reigns of Philip IV. and Charles II, and the deadening influence of the Inquisition, were little favourable to its culture; and after the accession of the Baurhon. ening innuence of the inquisition, were little lavourable to its culture; and after the accession of the Bourbon dynasty to the throne, French criticism and taste obtained an ascendancy, while the troubles in which Spain has been more recently involved have stiffed all poetical talent. Some endeavours, indeed, have been made to revive the national drama; but they have signally failed, and no modern name connected with this branch of lite-

and no modern name connected with this branch of like-rature deserves notice, except perhaps that of Martinez de la Ross, the author of the Viuda de Padilla.

The Arsucana of Ercilla, born in 1525, is the only poem that Spain has produced that has any pretensions to be classed among epics.

Chivalrous romance was early and assiduously culti-vated in Spain. Happily, however, the inimitable satire of Cervantes destroyed at once and for ever the whole race of knights errant. His Don Quizote, however, still continues to interest all classes of readers by its ex-tillaustiess wit, the truit of its delineations, and its prac-tical good sense, it has been rendered into almost all languages; and, how defective sover the translation, a never fails to amuse and instruct.

But, with the exception of this unique and admirable

never fails to amuse and instruct.

But, with the exception of this unique and admirable work. Spanish works are but little known in foreign countries; and in most departments, indeed, the literature of Spain is poor in the extreme. And how could it be otherwise? In 1502 the censorship of the press was established; and the power of carrying it into effect was very soon entrusted to the Inquisition. "It seat failed dans Madrid," says Beaumarchais, with quite as much of truth as of wit, "an système de liberté star la vente des ranquetions, out l'étend même à celles sur la vente des ranquetions, out l'étend même à celles s'est établi dans Madrid," says Beaumarchais, with quite as much of truth as of wit, "un système de liberté sur la vente des productions, qui s'étend même à celles de la presse ; et que, pourvu que je me parle en westerits ni de l'autorité, ni de culte, ni de la poditique, mi de la monde, ni des gens en place, mi des corps en credit, ni de l'Opéra, ni des nutres speciales, ni de personne qui tienne à quelque chose, je puis tout imprimer librement, sous l'inspection de deux ou trois censeurs." (Marriage de Figaro, acte v.) Under such circumstances, it would be contradictory and absurd to expect that the Spanish writers should have distinguished themselves in philosophical research, original discussion, or in any pursuit requiring freedom of inquiry. Spain has a few respectable, but no great or eminent authors.

Since 1830, however, a great change for the better has taken place; the censorship of the press has been suppressed; in ewspapers have been established; and the influence and authority of the clergy greatly diminished. Hopes may, therefore, be reasonably entertained that literature will again revive; but no sudden development of the mental resources of the nation need be expected, and many years must elapse before literature acquire any material influence.

It would be to no purpose to take up the reader's time.

It would be to no purpose to take up the reader's time by entering into any lengthened details with respect to the state of education in Spain. Down to a very lare period it was wholly in the hands of the clergy and the period it was whonly in the name or the creeky and the inquisition; and, instead of contributing to expand and enlighten the mind, it was so contrived as to pervert every sound principle, and impute it with the grossest every sound principle, and impute the contribution of the adjusting of the and most unworthy prejudices. The education of the Spaniards has been, in fact, the complement of their religion; and, like it, has been fitted and intended to religion; and, like it, has been fitted and intended to ensia's and debase the people, and to make them believe that it was alike their duty and their interest to submit, without murmur and without inquiry, to whatever their temporal and spiritual rulers might direct. Nothing, of course, like moral or political philosophy was taught is any seminary of Spain; there was even but little progress made in the study of the learned languages, and science was in the most abject state. A thorough reform of the educational establishments of the country is indispensable; and it were better, indeed, that they should be wholly shut up than that they should continue on any thing like their ancient footing. Efforts have been already made to introduce an improved system of elementary instruction; but, unfortunately, it has been necessary, from the want of other qualified parties, to intrust the superintendence and management of the schools to the parochial clergy; and they, speakof the schools to the parochial clergy; and they, speaking generally, are decidedly hostile to the new order of things, which they not unnaturally regard as in the last degree inimical to their power and interests.

Tascs.—The taxastion of Spain has been quite in harmony with her institutions, and, like them, seems to have

been intended to obstruct as much good, and inflict as much evil on the country, as possible. Probably, in-deed, the *alcabala* is the most objectionable tax that has ever been imposed. It originated in 1341, and consisted

at first of 10, increased, in 1642...64, to 14 per cent. as easiers, charged on all commodities, whother raw or manufactured, as often as they were sold, and rated always according to the selling price! Such a monstrous impost was of itself sufficient to annihilate industry. It effectually hindered manufacture from making any progress in Castile and the other provinces subject to its destructive influence. And Ustaris, Ulloa, and Campomanes, Spanish authors of the highest credit, agree in opinion with Mr. Townsend, that it is to their exemption from this odious tax that the comparatively flourishing state of industry in Catalonia and Valencia is mostly to be sacribed. be ascribed.

The alcabala, however, no longer exists in its original form; but, even in its amended shape, it is in the last degree objectionable. It is now converted into local

degree objectionable. It is now converted into local duties, or octroi (derecho de preerias), paid on bringing products within towns and villages.

In some instances the rate of duty has been diminished, but in the larger number it has been greatly increased. The same duties are not imposed in different towns; almost every one having a poculiar rate for itself. In general it is fixed by the apuntamiento, or council of the town. Most foreign manufactured goods pay about 20 per cent. as sedorem, some as much as 60 per cent., exclusive of the customs' duties charged at the frootier. Wine pays a duty which in many places is equal to 100 per cent. upon its value; and oil from 60 to 75 per cent. The duties press severely on every class, but chiefy on the poor, and are the subject of universal complaint. The aguestamicator receives a certain per centage upon The aguntamicato receives a certain per centage upon the amount collected at the gate of the town for local objects; the rest goes to the public treasury. In small villages it is levied only ou necessaries, as meat, fowls,

objects; the rest goes to the public treasury. In sama, villages it is levied only on necessaries, as meat, fowls, eggs, oil, corn, &c.

In towns which are not walled, or have no gates, a tax called the equivalents is levied, that is, the inhabs. are assessed in such a sum as the alcabala would probably produce, calculating from the revenue afforded by other towns of the same size. The alcable and syuntamiento are responsible for its payment, and they divide the sum very arbitrarily amongst the householders, according to their estimate (influenced, of course, by every sort of partiality) of the products each ought to consume.

Next to the alcabal, tithe was the most oppressive tax in Spain, and the most complained of. Formerly it was exacted with the greatest rigour, and from articles (amongst others, from less meiess megeres, de lo que galles cons su carpe—Ley de Partida, 3d lit. 20, part 2.), which might have been cousidered beyond the reach of even clerical rapacity. Arguelles estimated the value of the tithe at 600 millions of reals; and, according to official documents, it amounted, in 1808, to 620 millions. In 1820,

however, it was estimated, by a commission appointed to inquire into the subject, at only 235,694,000 reals; but it is believed that this estimate was as much below the truth as the former was probably above it. The clergy, however, did at no time receive the whole of this immense income; and within the last few years it has been wholly suppressed. In 1945, a direct tax on immovable property, estimated to produce 300 millions a year, was established in lieu of the tithe and of direct taxes. The clergy are now, (though as already stated with no great.

established in lieu of the tithe and of direct taxes. The clergy are now. (though, as already stated, with no great regularity), paid, as in France, by stipends from government, amounting to 185,992,785 reals, ex. a sum of above 18 millions paid for the support of nunnerles. Next to this tax the most important are the customa' duties, and those on salt and tobacco. The revenue derived from the latter is very considerable. Every one may buy any quantity of tobacco he chooses, provided he buy it in the government estances; but salt is the subject of assessment. The intendant fixes the consumption which should take place in every town under his charge and assessment. I ne intendant neet the consumption which should take place in every town under his charge, and the total quantities are delivered to the alcaldes, who fix the specific quantity for which each individual must pay, whether he use it or not. The land-owners, farners, &c. are charged with a quantity proportioned to the number of individuals in their employment, and of the cattle and when which there rouses.

of individuals in their employment, and of the cattle and sheep which they possess.

Stamps are not a very important article of revenue, and do not, indeed, produce so much as the lottery. The latter, however, is admitted not to bring into the coffers of the treasury a third part of what it takes from the pockets of the people! The cruxads, or bull granting permission to eat meat on Fridays, and four days every week during Lent, is in general demand all over the kingdom, and yields a nett revenue of above 13 millions. The other principal items of revenue are specified in the subioined account. And how objectiousble lions. The other principal items of revenue are specified in the subjoined account. And how objectionable
soever, still it must be admitted that the taxation of
Spain has of late years been materially improved. And
should the reform that has been begun in the customs'
duties be carried to such an extent as to suppress that
smuggling which has long been the bane of regular industry in Spain, a vast additional improvement will be
effected. Next to the reform of the customs' duties, a
reduction of the octavit, or duties on entering towns. reduction of the octrois, or duties on entering towns, would probably be most advantageous.

Formerly the revenue and expenditure of Spain were shrouded in impeneirable myster; but now, thanks to the establishment of a constitutional government, they are comparatively well known. We subjoin the estimates of the expenditure and revenue for 1849, laid before the Cortes by Senor Mon. We are assured they

may be relied on.

BOTIMATE OF EXPENDITU	zz poz 1849.		Estimate of Revenue for 1849.			
	Ordinary Estimate.	Extraordinary Estimate.		Gress Revenue.	Net Revenue.	
D	Reals. 45.900.000	Rosis.		Reals.	Reals.	
Dotation of the Royal Family	1,218,330		Tax on immevable property, &c.	300,000,000	800,000,000	
Legislative bodies Department of Foreign Affairs, diplo	1,210,030,NI		Ditto on trades and professions Arresrs of direct taxes	84,000,000	54,000,000	
matic salaries, &c	11,543,640		Ditto of suppressed taxes	27,570,000	27,570,000	
Ditto Grace and Justice	18.613.986		Tax on the production of articles of	8,000,000	8,000,000	
Ditto War, including the civil guard	200,000,000	42,590,233	general consumption, and duties on		i -	
Ditto Marine, including the coast	000,000	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	the same levied at town gates	*** ***		
mard .	69,565,714		Ditto on sale and transmission of pro-	158,000,000	156,000,000	
Ditto Heme Department -	47,789,367	8,000,000	perty · · · ·	20,000,000	90.000.000	
Disto Commerce, Instruction, and			Customs' duties	161,000,000		
Public Works	60,117,032		Tobroco monopoly	165,000,000	123,496,664	
Ditto Finance, (civil employés, &c.) .	118,569,628		Bait ditto	100,000,000	81,196,000	
Passive classes (retired allowances,			Stamps	28,000,000		
pensions, &c.)	144,696,674		Gunpowder	6,010,000		
Repayments, arrears, and payments			Lotteries	70,000,000		
attached to the products of the re-			Obligations indomed to Bank of S.			
Law charges bearing on all the re-		92,473,261	Product of national property of all	15,676,530	15,676,530	
Vectores -	16,861,214		kinds	80,595,650	27,432,836	
Salaries and exponditure of the depen-			Mines of Almaden and Almadenijos -	30,800,000	26.614.667	
dencies of the public debt, and in-			Ditto Riotento, Linares, dec.	3,488,800	1,499,074	
terest of the same (dividends on the	*** *** ***		Bull of the Cruzada	14,000,000	13,346,900	
Three per Cent. Nock) Obligations of the secular clergy -	100,842,957		Surplus revenue from the Spanish co-			
			Ditto " eventual revenues "	100,000,000		
except of Besque provinces,		1	Post-office	4,000,000	4,000,000	
119,592,786; ditto, of Basque prov., 6,000,000; setal, 135,594,786; ditto			National printing-office	26,200,000		
of nums in convents, 18,043,586 -	155,636,372		Mint	1,400,000	239,470	
Gr 10000 TO COMMUNICATION -	100,000,012		Twenty per cent, on corporate peo-	1,096,750	225,763	
	1,068,465,063	100 000 404	perty	5,500,000	5,500,000	
,	Cantacatant.	138,363,494	Product of 45 other items of revenue	67,513,160	63,406,91%	
Resumen — ordinary expenditure - entractionary ditto	: :	1,048,556,043 1 <i>3</i> 4,3 6 3,191	The reproductive expenses amount to 145,259,097 reals.	1,372,254,018	1,226,974,911	
i		1,225,918,577	145,259,097 reals.	1		
Comparison — Budget of ordinary and extraordinary expenditure for 1849, exclusive of reproductive expendi-		.,,				
ture .		1,226,918,577				
Disto of revenue, with equal exclusion		1,226,974,921				
Excess of Income		56,344	•			

The list of taxes has been materially reduced since from 60 to 70 items. Of these, about 30 produce, re-1945; but it is still very great, comprising no less than spectively, less than 10,00%, a year, and some not more Vor. 11.

than 10%. ! It is plain that the greater number of the taxes should be repealed. They serve only to embarrass industry, and to occasion irritation and annoyance.

According to some recent official statements, the total

According to some recent official statements, the total debt of Spain amounted, in 1850, to about 16,800 millions reals, or 185,000,000. sterling, of which the foreign debt exceeded 5,000 millions reals, or 50,000,000. sterling, a large portion of the latter is due to Englishmen, and no interest has been paid on it for about 10 years past. The internal debt is, to a considerable extent, made up of claims arising out of the abolition of tithes, the secularisation of the property of charitable institutions, and so forth; and these, it is probable, will be considerably reduced, before they are fanally adjusted. The interest on the debt is estimated at about 360 million reals.

A very considerable portion of the national property, consisting of the estates formerly belonging to the church, convents, &c., is still unsold. But it is difficult to form any estimate of what it might bring, were it put up to safe; as that would depend on the supposed stability of the present order of things, the quantity thrown on the market, and various other considerations. On the whole, however, it is sufficiently plain that, at present, Spain is

market, and various other considerations. On the whole, however, it is sufficiently plain that, at present, Spain is not in a condition to pay the interest of her debt. But those best entitled, from their knowledge of the country, to form an opinion, upon such a point, entertain no doubt that, by the judicious carrying out of those reforms in her economical system, of which a commencement has happily been made, and by the adoption of retrenchment in the public expenditure, she may be enabled becomes by to discharge her engagements.

honourably to discharge her engagements.

The bulk of the taxes were formerly divided into two The bulk of the taxes were formerly divided into two great classes, and the division is not yet wholly abandoned,—the rentals generales and the rentals provinciales. The former were collected throughout all Spain, with the exception of Biscay. They included the revenue derived from the post-office, the stamp duties, customs, &c., together with the royal monopolies of salt, tobacco, att. together with the royal monopolies of salt, tobacco, and gunpowder. The rentas provinciales were collected only in the provinces belonging to the crown of Castile, and did not, therefore, affect Biscay, Navarre, Catalonia, Aragon, or Valencia, which had peculiar and less burdensome taxes.

dragon, or vacuus, when a pressure the densions taxes.

Army. — The regular army may amount to about 60,000 men; and there is, besides, an extensively organised militia. But though abstemious, brave, and patient under fatigue and privation, the Spaniard wants that steady perseverance and intrepldity essential to the military character. The troops are, also, for the most part, badly disciplined, badly appointed, and will not bear to be compared, in any respect, with those of England, France, Germany, or Russia. The cavalry are particularly ill equipped; and the engineering department is such as might be expected from the state of science in the country. But, how deficient soever, the troops are, at all events, superior to the officer; and it is a curious and not easily explained fact, that, during the whole of the late war with France, not a single individual attained to distinction as a commander, or evinced any superior to distinction as a commander, or evinced any superior ability in the art of war or in the conduct of considerable s. Some of them were good guerilla leaders, but nothing more.

The Spanish navy, once so formidable, now comprises only 2 sail of the line, 5 frigates, some smaller vessels, and a few steamers.

only Past of the line, or righter, some samular vessels, and a few steamers.

Races, Character, &c. — There are four distinct races in Spain: 1st, the Spaniards, who form the bulk of the population; 2dly, the Raspusz (about 600,000), descended from the ancient Cantabrians, and living in Navarre and the Basque Provinces; 3dly, the Morescoes, descendants of the Moors, about 60,000 of whom still reside in Granada and the Alpujarras; and, lastly, the Gétonos, or gypsies, a race (comprising about 50,000) spread all over the Peninsula, but especially on the S. E. coasts; not strolling from place to place, as in England, but generally pursuing fixed occupations in the towns. The Spaniards are middle-sized, thin, with well-proportioned limbs, dark hair, black pletcing eyes, overshadowed by thick cycbrows, sharp features, and sallow complexions. The women are generally of middle or low stature, but The women are generally of middle or low stature, but gracefully formed, with almost aquiline noses, full, dark, expressive eyes, dark hair, and complexions varying from the flesh tint of N. Europe to the light olive of the Moors.

Moors.

The character of the Spaniards has been very variously drawn; but, though it differs materially in different provinces, its discriminating features are not to be mataken. Though commonly slow, cautious, and deliberate, they become, when their passions are roused, rash, violent, and precipitate in the extreme. Though formal, they are courteous in their tearing, and, though grave, polite. The pride of the Spaniards is proverbial, and they entertain the most overweening opinion of themselves and their country. Though friendly, they are

* The reader is referred, for a copious account of these singular people, to Borrow's Account of the Oppoint of Spain, 2 vols.

easily offended, vindictive, and more inclined to reverage real or fancied insults than to remember favours. They are fond to excess of show and ostentation; and will endure the greatest privations at home to make a display in public. Their vicious institutions and their climate have made them in the last degree indolent and procrastinating. They are infinitely less jealous now than formerly; and their bigotry has become passive rather than active. They have ceased, in fact, to care much about religion; and are astisfed if they observe the fasts and unmeaning nummeries which it enjoins. Their ignorance often makes them attached to what is most ruinous to themselves; and those who think to gain their favour by denouncing some flagrant abuse, requently find, to their surprise, that it is the object of popular attachment. They are temperate in eating and drinking, though it may be doubted whether this be not more the consequence of necessity than of choice. Morais are, speaking generally, even more corrupt in Spain than in fealy; and Mr. Townsend mentions, that at the period of his visit, in 1790, the priests divided with the officers the duty of corricies to the ladies!

We subjoin, from the works of two of the most intelligent Englishmen who have visited Spain, Mr. Swinburne and General Napler, author of the classical work on the Peninsular War, the following notices of the Spanish character:—

"The listless indolence, enually dear to the uncivilized." easily offended, vindictive, and more inclined to rever

Spanish character : -

"The listless indolence, equally dear to the uncivilised savage and to the degenerated slave of despotism, is nowhere more indulged than in Spain; thousands of men where more indulged than in Spain; thousands of men in all parts of the realm are seen to pass their whole day wrapped up in a cloak, standing in rows against a wall, or doxing under a tree. In total want of every excitement to action, the springs of their intellectual faculties forget to play, their views grow contand within the wretched sphere of mere existence, and they scarce seem to hope or foresee any thing better than their present state of vegetation; they feel little or no concern for the welfare or glory of a country, where the surface of the earth is engrossed by a few overgrown families, who seldom bestow a thought on the condition of their vascals. The poor Sanniard does not work, unless urved by free The poor Spaniard does not work, unless urged by irrestitible want, because he perceives no advantage accrue from industry. As his food and raiment are purchased at a small expense, he spends no more time in labour than is absolutely necessary for securing the scanty provision his abstemiousness requires. I have heard a per sant refuse to run au errand, because he had that morning sant refuse to run an errand, because he had that morning earned as much already as would last him the day with-out putting himself to any further trouble. Yet I am convinced that this lasiness is not essentially inherest in the Spanish composition, for it is impossible without sceing them to conceive with what eagerness they pursue any favourite scheme, with what violence their passions any ravouries scheme, with what violence their passens work upon them, and what vigour and exertion of powers they display when awakened by a bull-feast, or the more constant agitation of gaming—a vice to which they are superlatively addicted. Were it again possible, by an intelligent spirited administration, to set before their eyes, in a clear and forcible manner, and inclusives the Chem.

possible, by an intelligent spirited administration, to set before their eyes, in a clear and forcible manner, proper incitements to activity and industry, the Spanlards might yet be roused from their lethargy and led to riches and reputation; but I confess the task is so difficult that I look upon it rather as an Utopian idea than as a revolution ever likely to take place.

"Their soldiers are brave and patient of hardships; wherever their officers lead them, they will follow without flinching, though it be up to the mouth of a battery of cannon; but unless the example be given them by their commander, not a step will they advance. Most of the Spanlards are hardy, and, when once engaged, ge through difficulties without murmuring, bear the incisemencies of the season with firmness, and support height with a state of the season with firmness, and support height with a state of the season with firmness, and support height with a state of the season with firmness, and support height wither cloaks on the ground, are sparing in diet, perhaps more from a sense of habitual indigence than from any aversion to gluttony; whenever they can riot in the plenty of another man's table, they will gormandise to excess, and, not content with esting their fill, will carry off whatever they can stuff into their pockets. I have more than once been a witness to the pillage of a supper by the numerous beaux and admirers which the ladies lead after them in triumph wherever they can invited. They are fond of spices, and scarce eat any thing without saffron, pimento, or garile; they delight in wine that safe are the first of the piched skin, and of oil that has a rank smell and taste; indeed, the same oil feeds ther lamp, swims in their pottage, and dresses their salad; tastes strong of the pitched skin, and of oil that has a rank smell and taste; indeed, the same oil feeds thek lamp, swims in their pottage, and dresses their salad; in inns the lighted lamp is often handed down to the table, that each man may take the quantity he chooses. Much totacco is used by them in smoking and chewing. All these hot dry kinds of food, co-operating with the parching qualities of the atmosphere, are assigned as causes of the spare make of the common people in Spain, where the priests and the innkeepers are almost the only well-fed portly figures to be met with.

"The Spanish is by no means a naturally serious inclancholy nation: misery and discontent have cast a gloom over them, increased, no doubt, by the long habit of distrust and terror inspired by the inquisition; yet every village still resounds with the music of voices and guitars; and their fairs and Sunday wakes are remarkably noisy and rictous. They talk louder and argue with more vehemence then even the French or Italians, and gesticulate with equal, if not superior, eagerness. I.ike most people of southern climates, they are dirty in their persons, and overrun with vermin." (Traweig, ii. 196.)

"The Spanish character," says General Napier." is distinguished by inordinate pride and arrogance. Dilatory and improvident, the individual as well as the mass, all possess an absurd confidence that every thing is practicable which their heated imaginations suggest; once excited, they can see no difficulty in the execution of a project, and the obstacles they encounter are attributed to treachery. Kind and warm in his attachments, but bitter in his anger, the Spaniard is patient under privations, firm in bodily suffering, prone to sudden passion, vindictive, bloody, remembers insult longer than injury, and cruel in his revenge. There is not upon the face of the earth a people so attractive in the friendly intercourse of society. Their majestic languags, fine persons, and becoming dress, their lively imagination, the inexpressible beauty of their women, and the air of romance which they throw over every action, and infusint overy feeling, all combine to delude the senses and impose upon the judgment. As companions, they are, incomparably, the most agreeable of mankind; but danger and disappointment attend the man who, confiding in their promises and energy, ventures upon a difficult enterprise. "Never do to-day what you can put off tilt to-morrow," is the favourite prover in Spain, and rigidly followed." (1. 38, &c.)

In Spain there is a good deal of aristocratic pride, and they described the series and infusion of the

in different parts of Spain, and are much influenced by climate. (See articles Maprio and Seville.) The diet of the middle and higher classes consists of chocolate for reakfast, with mutton, beef, and pork, especially the latter, dressed in various ways, and accompanied by cab-bage, garbanzos (Spanish beans), onions, and large peas called chichores. The olla, or cocido, is a favourite called chichores. The olla, or cocido, is a favourite dish; and the sausages (chorizes) of Castile are said to be about the best in Europe. Wine is used only in small quantities, and the kinds in common use are seidom much stronger than the low-priced wines of Prance. The sicata, or repose during the heat of the day, is customary to all classes throughout Spain. From 1 to 4 o'clock, in Madrid and most other cities, the shops are either shut, or a curtain drawn before the door; the shutters of warer window are closed and course are are either shut, or a curtain drawn before the door; the shutters of every window are closed, and scarce a respectable person is to be seen in the street. But the moment the siesta is over, all is again instinct with life and bustle. Exercise is usually taken in the evening, when nearly the entire pop. is abroad. Tertuisa, or evening parties, are very frequent in the great towns. The theatre is little frequented. Bull-fights, though discountenanced by government, are in Spain what the circus was in ancient Italy, the national pattime, favourite resort, and chief amusement of all classes. Though by no means entitled to high rank as musicians, the Spainards have considerable musical taste; and all orders are passionately fond of danctag, the national ances being the before and fandings, the national more licentious character, seldom seen in good society. The lower classes live on wretched fare, rarely eating meet, and fish only occasionally, except on the

coast. The farming labourers fare somewhat better, the chief articles of food being bread, soup, garlic, bacon, and garbanzae, with the accompaniments of wine and oil. Notwithstanding the suppression of the convents, mendicity is still exceedingly prevalent; and perhaps the only remedy for this inveterate disease is the abolition of all endowments for paupers, and the establishment of some provision for the poor, as in England. Cloaks and broad-brimmed hats are very generally worn by the men; and the mantilla and fan are in universal use among females.

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broad-brimmed hats are very generally worn by the men; and the mantilla and fan are in universal use among females.

Mr. Townsend, Mr. Twiss, and all other travellers in Spain, hage given descriptions of hull-fights. We extract the following account from ingils's work, not because it is one of the most recent:—

"The buil-fight is the national game of Spain, and the love of the Spaniards for this spectacle is almost beyond bellef. Monday, in Madrid, is always, during the season of the buil-fights, a kind of holiday; every body looks forward to the enjoyment of the afternoon, and all the conversation is about tos tores. Frequency of repetition makes no difference to the true amateur of the buil-fight; he is never weary of it; at all times he finds leisure and money to dedicate to his favourite pastime. The spectacle is generally announced, in the name of his majesty, to begin at four o'clock; and, before then, all the avenues leading towards the gate of Akala are in commotion; the Calle de Akcala, in particular, throughout its whole immense extent, is filled with a dense crowd, of all ranks and conditions, pouring towards the gate. A considerable number of carriages are also seen, even the royal carriages; but these arrive later; and there are also many hack cabriolets, their usual burden then approved, among the lower orders, as treating to a builfight.

"I had been able to secure a place in one of the best

there are also many hack cabriolets, their usual burden being a peasant and two girls dreased in their holiday clothes, for there is no way of showing gallantry so much approved, among the lower orders, as ireating to a bullaght.

"I had been able to secure a place in one of the best boxes. The spectacle was most imposing: the whole amphitheatre, said to contain 13,000 persons, was filled in every part, round and round, and from the ground to the ceiling, carrying the imagination back to antiquity, and to the butcheries of a Roman holiday. The arena is about 250 ft. in diameter; this is surrounded by a strong wooden fence, about 6 ft. in height, the upper half retiring about a foot, so as to leave, in the middle of the fence, a stepping-place, by which the men may be able, in time of danger, to throw themselves out of the arena. Behind this fence there is an open space about 9 ft. wide, extending all the way round, meant as a retreat; and where, also, the men in reserve are in waiting, in case their companious should be killed or disabled. Behind this space is another higher and stronger fence, bounding the amphitheatre, for the spectators: from this fence the seats decline backwards, rising to the outer wall; and above these there are boxes, which are all roofed, and are, of course, open in front. The best places in the boxes cost about 4s.; the best in the amphitheatre below, about 2s. 6d.; the commonest place, next to the arena, costs 4 reals. "a" The picadors are mounted on horseback, each holding a long lance or pite, and are the first antagonists the built has to encounter; they stationed themselves on different sides of the area, about 30 yards from the door at which the bull enters; and at a flourish of trumpets the gate flew open, and the bull rushed into the area; this produced a deafening shout, and the total silence. The bulls differ very widely in courage and character: some are rash, — some cool and intreptd, — some wary and cautious, — some cool and intreptd, — some wary and cautious, — some cool

"The first buil that entered the arena was deficient both in courage and cunning: the second was a fierce buil of Navarre, from which province the best are un-derstood to come: he paused only for a moment after entering the arena, and then instantly rushed upon the nearest picador, who wounded him in the neck; but the buil, disregarding this, thrust his head under

the horse's belly, and threw both him and his rider upon the ground: the horse ran a little way, but, encumbered with trappings, he fell; and the bull, disregarding for a moment the fallen picador, pursued the horse, and, pushing at him, broke the girths, and disengaged the animal, which, finding itself at liberty, galloped round the arena, a dreadful spectacle, covered with gore, and its entrails trailing upon the ground. The bull now engaged the choice; these young men show great dexterity, and sometimes considerable courage, in the running fight, or rather play, in which they engage the bull, flapping their cloaks in his face, running sigrage when pressed, and throwing down the garmagns to arrest his progress a moment, and then vaulting over the disappointed animal. But this kind of warfare the bull of Navarre seemed to consider chid's play; and leaving these cloaked antagonists, he made furiously at the other picador, dexterously evading the lance, and burying his horns in the horse's breast: the horse and his rider extricated themselves, and galloped away; but suddenly the horse dropped down, the wound having proved mortal.

"The bander-likeros then entered: their business is to throw darts into the neck of the bull; and, in order to do this, they are obliged to approach with great caution, and to be ready for a precipitate retreat; because it sometimes happens that the bull, irritated by the dart, disregards the cloak which the bander-liler otherwas down to cover his retreat, and closely pursues the aggressor. I saw one bander-liler os closely pursues the aggressor.

regards the cloak which the banderillero throws down to cover his retreat, and closely pursues the aggressor. I saw one banderiliero so closely pursued, that he saved himself only by leaping over the built's neck. The danger, however, is scarcely so great as it appears to the spectator to be; because the built makes the charge with his eyes shut. The danger of the pickedor who is thrown upon the ground is much greater; because, having made the charge, the built hen opens his eyes, and the life of the picador is only saved by the address of the chulos, who divert the attention of the victor. Generally the banderilleros do not make their appearance until the buil appears, by his movements, to decline the combat with the picadors, which he shows by scraping the ground with his feet, and rettring. If the buil show little spirit, and the spectators wish that he should be goaded into courage, the cry is 'fsergo', and then the banderilleros are armed with darts, containing a kind of squib, which explodes while it sticks in the animal's neck.

"When the people are tired of the banderilleros, and

while it sticks in the animal's neck.

"When the people are tired of the banderilleros, and wish to have a fresh built, they signify their impatience in the usual way, and the signal is then given for the sestador, whose duty it is to kill the buil. The matador is in full court dress, and carries a scarlet cloak over his arm and a sword in his hand: the former he presents to the buil; and when the buil rushes forward, he steps aside and plunges the sword in the animal's neck; at least so he ought to do, but the service is a dangerous one, and the matador is frequently killed. Sometimes it is impossible for the matador to engage upon equal terms a very wary built, which is not much exhausted. This was the case with the sixth built which is as turned out: it was an Andalusian built, and was both wary and powerful. the case with the sixth bull which I saw turned out: it was an Andalustan bull, and was both wary and powerful. Many times the matador attempted to engage him, but without success; he was constantly upon the watch; always disregarding the clock, and turning quick round upon the matador, who was frequently in imminent danger. At length the people were tirred of this lengthened combat, and, seeing no prospect of its ending, called for the semi-luna, an instrument with which a person skulks behind, and cuts the ham-strings of the animal: this the bull avoided a long while, always turning quickly round; and were after this cruel operation was nerformed. this the bull avoided a long while, always turning quickly round; and even after this cruel operation was performed, he was still a dangerous antagonist, fighting upon his knees, and even pursuing the matador. The moment the buil fails he is struck with a small stillette, which pierces the cerebellsus; folding doors, opposite to those by which the buil enters, are thrown open, and three mules, richly caparisoned and adorned with flags, gallop in; the dead buil is attached by a hook to a chain, and the mules gallop out, trailing the buil behind them: this is the work of a moment,—the doors close,—there is a new flourish of trumpets, and another buil rushes upon the arena.

"And how do the Spaniards conduct themselves during

"And how do the Spanlards conduct themselves during all these scenes? The intense interest which they feel in this game is visible throughout, and often loudly expressed; an astounding shout always accompanies a critical moment: whether it be the bull or the man who is in danger, their joy is excessive; but their greatest sympathy is given to the feats of the bull. If the picador receives the bull gallantry, and forces him to retreat; or, if the matador courageously faces and wounds the bull, they applaud those acts of science and valour; but if the bull overthrow the horse and his rider, or if the matador mas his aim, and the bull seems ready to gore him, their delight knows no bounds. And it is certainly a fine spectacle to see the thousands of spectator rise simultaneously, as they always do when the interest is intense: the greatest and most crowded theatre in Eu-And how do the Spaniards conduct themselves during

rope presents nothing half so imposing as this. But how barbarous, how brutal, is the whole exhibition! Could an English audience witness the scenes that are repeated every week in Madrid? A universal burst of 'shame!' would follow the spectacle of a horse, gored and bleeding and actually treading upon his own entrails, while he goaded bull could not be borne, —panting, covered with wounds and blood, lacerated by darts, and yet brave and resolute to the end.

"The spectacle continued two bounds."

goaded bull could not be borne, —panting, covered with wounds and blood, lacerated by darts, and yet have and resolute to the end.

"The spectacle continued two hours and a half; and during that time, there were seven bulls killed, and six horses. When the last bull was despatched, the people immediately rushed into the arena, and the carcase was dragged out amid the most deafening shouts."

Historical Notice. — After being in part cocupied by the Carthaginians, Spain became the prey of the Romans, by whom she was finally subdued in the reign of Augustus. After enjoying a lengthened period of tranquillity and prosperity under the sway of the Romans, Spain was invaded, in the beginning of the 5th century, by the Vandala, and other Gothic tribes; and in the next century the Visigoths acquired the ascendancy, and established their supremary in every part of Span. The latter, however, were not long permitted peaceably to enjoy this fine and fertile country. In 711 a powerful Arabian force crossed the strait of Gibraltar, and having the remains of the Visigoths, and killed Roderick, their king, in a great battle near Xeres de la Frontera, in Andalusia, they speedily overran the whole country, driving the remains of the Visigoths into the fastnesses of the North, where they did not think it worth their while to follow them. But the Saracens having been signally recovered portions of the lower countries. The kingdom of Leon was founded under Alphonso I., about the middle of the 8th century; and from that period, notwithstanding the superior civilisation, learning, and splendour of the Saracenic sovereigns, the Christian power was progressively increased at the expense of that of the Mohammedans.

The provinces that were wrested from the Moors were not formed into one, but into everal Independent states,

of the Mohammedans.

The provinces that were wrested from the Moors were not formed into one, but into everal Independent states, which, however, were, for the most part, gradually merged in Castile and Aragon. In the 18th contury these two leading states were united by the marriage of Ferdinand of Aragon with Isabella of Castile; and, having conquered Granada, the last possession of the Moors, in 1492, and subsequently seized all that part of Navarre to the S. of the Pyrenees, the whole of Spata was united under the same government; and Naples being at the same time conquered, and America discovered, Ferdinand, besides being one of the ablest princes of his day, became the most powerful.

Ferdinand was succeeded by his grandson, Charles I., known in history as Charles V., Emperor of Germany; who added, by his father's side, the archduchy of Austria and the Low Countries to the vast inheritance of Spata and the Indies, now augmented by the conquest of

and the Indies, now augmented by the conquest of Mexico and Peru. Charles, the most illustrious by fig of the Spanish sovereigns, was succeeded in his Spanish dominions and in the Low Countries by his eldest see

of the Spanish sovereigns, was succeeded in his Spanish dominions and in the Low Countries by his eldest son, Philip II., the husband of Queen Mary, of England, who, having conquered Portugal, in 1880, reacced the entire peninsula into one kingdom.

The conquest of Portugal may be said to mark the culminating point of the Spanish monarchy. The tyramy and intolerance of Philip had already, indeed, raised a rebellion in the Low Countries; which, after a struggie unexampled for duration, for the sacrifices it entalled on the weaker party, and for its beneficial consequences, terminated in the independence of the Seven United Protuces. The power of Spain now began rapidly to decline. The seeds of this decay had, however, been profusely scattered in the reign of Ferdinand and Isabelia. The establishment of the Inquisition and of the essorship of the press, and the attacks made on the successificats and liberties of the nation, paralysed its energies; and the unsuccessful rebellion of the commons of Castile, under Charles V., and the brutal and ferocious biggious liberty, and subjected the country to the vilest of all despotisms, that which principally depends for support on intolerance, superstitious seal, and religious under the supersumment Spain address contacting.

port on intolerance, superstitious seal, and religious quackery.
Under such a government Spain either continued stationary or retrograded, while the surrounding nations made rapid advances in the career of civilisation. Her sovereigns, were as imbecile as the country; and on the death of Charles II., the last prince of the Austrian line, the monarchy was diamembered; and E was the arms of Louis XIV., and the talents of the Duke of Berwick, and not the will of the decessed monarch or the wishes of the Spaniards, that placed a Bourbon dynasty on the throne.

people, and her power and importance in the scale of mations, vastly increased. The best works on Spain in the English language are the Travels of the Hev. Joseph Townsend, and the Handbook of Spain, by Richard Ford, Esq. Townsend's is a masterly performance; and besides giving an accurate account of the state of Spain in 1786 and 1787, he has investigated the causes of her decline, or stationary state, with a sagacity and a success that will not easily be surpassed. Mr. Ford's Handbook is the work of a gentleman and a scholar, and is the facile priscope of its class. "It contains," to borrow the expressions of a great authority, "an amount of curious learning, acute criticism, and a familiarity with the character and condition of the people, such as is not to be found elsewhere, as far as I know, in the Castilian or any other tongue." (Prescoti's Conquest of Perus, ii. 172, ed. 1843.)

SPALATRO, a city and sea-port of Dalmatia, on the Adriatic, opposite the island of Braxsa, lat 48020 13" N., long. 160 26' 23" E. Pop. 7,500. It is surrounded by ruined walls, is the seat of an archbishop, has a caledral and several other churches, a lasaretto, several convents, a gynnasium, normal school, &c., with barracks, and a military hospital. It has both an outer and inner harbour, the former affording secure anchorage to vessels of any burden. It has rather a considerable trade, consisting principally in the exportation of the produce of the surrounding country, as well as of products brought from Bosnia, including cattle, horses, fig., recogific, wax, &c. There are thermal apprings in the immediate vicinity of the town.

produce of the surrounding country, as well as of products brought from Bosnia, including cattle, horses, Bgs, rosoglio, wax, &c. There are thermal springs in the immediate vicinity of the town.

Spalatro, however, would hardly have been worth mentioning in a work of this kind, but for its containing the ruins of the magnificent palace built by Diocletian. The emperor belonged to Salona, a now ruined city about 3 m. N.B. From Spalatro; and being warmly attached to his native country, he retired thither to spend the remainder of his days, after his abdication of the imperial purple, A. D. 305. From the vastness of the palace, it is all but certain that he had begun its erection long previously to his abdication, though, most probably, in the contemplation of that extraordinary event. The situation seems to have been most judiciously chosen. "The soil is dry and fertile, the air pure and wholesome; and, though extremely hot during the summer months, this country seldom feels those sultry and noxious winds to which the coasts of Istria, and some parts of Italy, are exposed. The views from the palace are no less beautiful than the soil and climate are inviting. Towards the W. lies the fertile shore that structhes along the Adriatic; in which a number of small islands are scattered in such a manner as to give this part of the sea the appearance of manner as to give this part of the sea the appearance of a great lake. On the N. side lies the bay which led to the ancient city of Salona; and the country beyond it appearing in sight, forms a proper contrast to that more

The new dynacty was less intolerant than that to which it succeeded; and some reforms were introduced over of comparatively slight importance; and it was clear that the abuses under which the country laboured yers so deeply sested, and so entwined with every resisting institution, and while the heart and preduction resistant institution, and while the heart and preduction resistants in the heart and not preducted the season of the preduction of the preductio

has a county court, before which 591 plaints were entered in 1848.

SPANDAU, a strongly fortified town of Prussia, prov. Brandenburg, gov. Potsdam, at the junction of the Havel with the Spree, 7 m. W. Berlin. Pop., in 1837, ex. garrison, &c., 6,753. "Spandau, in the time of the great Frederick, was, and still continues to be, the state-prison of Prussia. Being filled with troops, it has more the air of an enormous barrack than of a town; and is, in point of fact, so regarded. Both its citadel and penitentiary are deserving of notice; the former, on account of its position on an island of the Spree, the latter, because it is said to be managed with exceeding skill." (Gled's Germany, 6c., i. 66.) The citadel is a regular square with 4 rampurts, 40 ft. in height, and good casements; the penitentiary was formerly theresidence of the electors of Brandenburg, and now has, says Berghaus, 750 inmates, many of whom are criminals sent from the capital. The principal streets are clean, airy, and spacious, in spite of the disproportionate height of the houses. The church of St. Nicholas, constructed in the 16th century, has a great number of monuments. Spandau is the seat of a civil tribunal, and a forest-board; and has some manufactures of woollen and linen cloths, tobaccopipes, and earthenware; with breweries, distilleries, &c. It was the scene of Baron Trenck's captivity. It was taken by the Swedes in [63], and the French in 1806, (Berghaus; Skefa, &c.)

taken by the Swedes in 1000, (Berghaus; Skein, &c.)
SPANISH-TOWN (or Santiago de la Vega), the cap.
and seat of the legislature of the isl. of Jamaica, co.
Middlesex, on the river Coire, about 6 m. from the sea,
3 B 3

and II m. W. N. W. Kingston. It is the official residence of the governor, and the commander-in-chief, and the seat of the court of chancery, the supreme court of judicature, &c.; but has otherwise very little importance, and a pop. of at most only 6,000. It is very dirty, badly drained, and the inhabs are at all times very subject to febrile diseases. (Tullock's Report on the W. Indies,

and a pop. of at most only 5,000. It is very dirty, badly draloed, and the inhabs, are at all times very subject to febrile diseases. (Tulloch's Report on the W. Instes, p. 56.)

SPEY, a river of Scotland, in the Highlands. It has its source in Loch Spey, within about 6 m. of the head of Loch Lochy, and thence pursues a N.E. course through Badenoch and Strathspey to Fochabers, below which it falls into the Moray Frith. It receives innumerable mountain streams, but no very important tributary. Following its windings, the course of the Spey is about 96 m.; but it is only about 75 m. in a direct line from its source to its mouth. It drains about 1,200 sq. m. of country, and, besides being one of the largest, is admitted to be the most rapid of Scotch rivers. Being fed wholly by mountain torrents, it is very liable to sudden and destructive inundations. It flows through what is the best wooded portion of the Highlands. The Duke of Richmond (proprietor of the Gordon estates) has several valuable salmon fisherles on this river.

SPEZZIA (Ital. Spexia), a town and sea-port of N. Italy, Sardinian dom, div. Genoa, prov. Levante, of which it is the cap., at the extremity of the gulf of its own name, 50 m. E.S.E. Genoa. Pop., in 1838, incomm., 9,796. It is finely situated, is tolerably well built, and has an excellent harbour. Napoleon, aware of the advantages of its position, is said to have intended making it a naval station and aresnal; and since he drew attention to its importance its commerce has improved. The gulf of Spexsia (anc. Portus Lesses) is about 34 m. in length, by an average breadth of half as much. It exhibits in one part the phenomenon of a powerful spring of fresh water, which bubbles up from the bottom, and preserves its purity, unmixed by the surrounding salt water, nearly to the surface. (Conder's Italy, 1.267.)

SPILSBY, a market town and par. of England, co. Lincoln, soke Bollingbroke East, in Lindey, on an eminence near the Limb, 10 m. from the sea, and 27 m. B.S.E. Lincoln. Area of par., 2,240 ac

1831, 1,384. The town consists of a streets, diverging from a central square, which forms the market-place. The latter is ornamented on its E. side by the market-cross, a plain octagonal shaft, with a quadrangular base, elevated on 5 steps; and on the W. by the town-hall, built in 1764. The par. church is an irregular structure, consisting of 2 slaies, with a handsome embattled tower at the W. end, sald to have been built in the reign of Henry Vil. In the interior are several antique monuments. The living, a perpetual curacy, in the gift of Lord Willoughby d'Bresby, is worth 1094. a year. Near the town is a new sessions-house and prison for the div. of Lindsey, occupying about 2 acres of ground, with a Doric portico in front, constructed at a cost of 25,000/. Splishy being the principal town in the S. part of Lindsey, is the seat of the general quarter sessions, and of petty sessions. It has several charities; particularly a free school, founded by Lord Willoughby in 1611, and which has now an income of 661, and instructs 44 poor children of the par., besides whom there are about 30 pay-scholars, (Charity Rep., 32, Pt. Iv.) Market-days, Blondays; fairs, Monday before and after Whit-Monday, usually, and 3d Monday in July.

8PIRES (Germ. Specier; an. Noviomagus), a city of W. Germany, in Rhenish Bavaria, of which it is the cap, on the Rhine, where it is joined by the Speyer, 164, m. N.E. Landau; lat. 490 19 N., long. 8° 28° 16" E. Pop., in 1833, 8,700, of whom about 3,000 were Rom. Catholics. This is supposed to be one of the most ancient as it long was one of the chief cities of Germany. In the 14th century it is stated to have had 37,000 inhabe.; and in the 16th and 17th centuries it was the seat of the imperial for the Germanic empire; and previously to 1689, it had 5 suburbs, enclosed within ramparta, 18 gates, and 64 towers provided with artiliery. But in that year it was founded and completed in the 11th century, on the site, as sounded and completed in the 11th century, on the site, as founded and complete

Since 1819, however, the Bavarian government has done much to repair the interior of the cathedral, and the duke of Nassau has erected a spleudid modern monument to his ancestor the Emp. Adolph. Spires has numerically the statement of the cathedral of the cathe

merous R. Cath. and two Lutheran churches, a gymnasium, an orphan asylum, house of correction, forest school, botanic garden, and a hall of antiquities, in which many curiosities found in the province are deposited. The outer walls are still standing of an old palace, in The outer waits are still standing of an old palace, in which no lewer than 49 diets have been held. Of these the most celebrated by far was that held in 1849, on the subject of the religious disputes that them agitated the empire. On this occasion the majority, consisting of the party attached to the church of Rome, agreed to a resolution by which all changes in the doctrine and discipline of the established church, not previously approved by a general council, were declared to be unlawful and of ne effect. The minority, including the princes and others attached to the doctrines of the Reformers, presented, on the 19th of April, 1539, a protest against the above resolution; and from this circumstance they acquired the name of Protestasts, which has since become the distinguishing term for those who have resounced the communion of the church of Rome, how much severe they may differ among themselves. (Moskets, iv. 72, ed. 1782.)

ther may differ among themselves. (Moskeiss, 1v. 73., ed. 1782.)

Noviomagus was included by the Romans in Germania Prima. It was the winter quarters of Casar, by whosa it was fortified, as a check on the incursions of the neighbouring Aliemanni. Several Roman, Frank, Saxon, and Swabian emperors embellished and made it their residence; and Hen. V. of Germany gave the citizens of Spires a monopoly of the transit trade of the Rhine, and other valuable privileges. During the French ascendancy Spires was the cap. of the dep. of Mont-Tonnère. (Schreiber, Guide dis Rhin; Berghaus, Alig. Lessier, 4c.), a group of islands in the Arctic Ocean, being the most N. land hitherto discovered, between the 76th and 81st degs. of N. lat., and the 9th and 23d of E. long., about 420 m. N. N. W. the North Cape, and nearly midway between Greenland and Nova Zembla. There are four principal islands, Spitzbergen-Proper, N.E. and S.E. Islands, and Prince Charles's Island to the W. of the others; besides many islets and rocks. Their united area does not appear to be equal to that of iceland. They rise in many places into mountains of from 1,000 to 2,000 ft. in height, the peaks of which are covered with snow, coeval, perhaps, with their creation. The coasts are iron-bound, presenting only a few tolerable harbours: the best of these is Smeerenberg, on the W. coast, where the Dutch had once a considerable establishment. The surface is, for the most part, destitute of any vegetable or animal products; but there are a few coast, where the Dutch had once a considerable establishment. The surface is, for the most part, destitute of any vegetable or animal products; but there are a few bears and foxes, which live upon fash, &c. Spitzbergen was formerly a principal station of the whale-fishers; but the whales have for a considerable period been nearly extirpated in the surrounding seas, and it is now but little visited. It was originally discovered by Sir Hugh Willoughby in 1533, and was first visited by the Dutch in 1595. Its shores were principally surveyed by Capt. Phipps, in 1773.

SPOLETO (an. Spottium), a city of central Raly, Spall States, cap. deleg., and formerly of the duchy of its name, on the slope of an isolated rocky hill, 23 m. S.E. Perogia, and 69 m. N. Rome. Pop. 8,000. Forsyth asys that it is meanly built, with steep and dirty streets, and that it is interesting only from its remains of antiquity; but Eustace, and others, represent it in a less unfavourable light. It is connected, across a deep ravine, with a neighbouring hill, by means of a stupendous

unfavourable light. It is connected, across a deep ravine, with a neighbouring hill, by means of a stupendous
aqueduct, serving both as a conduit and a bridge, raised
upon a lofty range of 10 pointed arches; which, though
repaired in modern times, is, no doubt, of Roman origin.
The cathedral, said to have been built in the time of the
Lombards, is of a very mixed style, having a frout of five
Gothic arches supported by Grecian pillars, while, internally, it is in the form of a Latin cross, with a double
range of Corintian columns. It has some showy decorations: near it is a handsome fountain. The citadel,
a massive stome fourtess built by Theodoric and rerange of Corinthian columns. It has some showy deco-rations: near it is a bandsome fountain. The citade, a massive stone fortress, built by Theodoric, and re-paired by Narses, stands on a height overlooking the town. The Temple of Concord has been converted into a church; but, in addition to it, Spoitch has two arches, a bridge, the ruins of a theatre, and several other Roman remains: on one of the gates is an inscription importing that Hannibal's troops were repulsed in an attack on the town, after the battle of Thrasymene. It has a few insignificant manufactures of woollen stuffs and hats. Under the French it was the cap. of the dep. Thrasymène.

Under the French it was the cap. of the dép. Thrasymène. It was of incomparably greater importance in antiquity than in modern times, and is reckoned by Florus among the mensicipia Italie splendissima. (lib. iii. cap. 21.) Woods; Esastace; Forsyth.)

ST. HELENA, an island of the S. Atlantic Ocean which will be famous in all time to come as being the scene of Napoleon's imprisonment and death. It belongs to Great Britain, and is situated 800 m. S. E. from Ascension Island, and 1,200 m. W. from the coast of Benguela, in S. Africa, lat. 15° Br S., long. 5° 46° W. Length, 10½ m.; breadth, 6½ m.; area, 30,300 acres. Pop., about

ADD, of whom easily a half are whites. It appears from a distance like the somation of a doty submarine account perpendicular cliffs, varying from 200 to 1,100 ft. in beight, diversified in a few places with deep narrow places for the falsbormen. In the largest of these, towards the control of the state of the falsbormen. In the largest of these, towards the state of the falsbormen. In the largest of these, towards the state of the falsbormen. In the largest of these, towards the state of the falsbormen. In the largest of these, towards the state of the falsbormen in the largest of these these, divided into two unequal parts by a ridge of the falsbormen. In the largest of these these, divided into two unequal parts by a ridge of the falsbormen in the largest of the falsbormen in the falsbormen

final destination. The great articles of importation are manufactured goods, principally from England, but partly, also, from other countries of Europe, with pro-visions, lumber, &c. from the United States. We subioin an

ACCOUNT of the Import Trade of St. Thomas in 1840.

	Vessels entered.	Tonnage.	First cost Value of Imports.	
From Great Britain France Spain Italy Hamburg and Altona Flemsburg Bremen Holland U. States of America and Brit. Amerika	42 38 7 9 32 12 9	9,208 6,944 520 1,288 5,890 2,265 1,452 306	Dollars, 2,100,000 640,000 25,000 53,000 961,000 41,000 199,000 13,000	
Totals	368	58,132	4,997,000	

In the same year the colonial arrivals were as fol-

			ı	Vessels.	Tonnage.
reseis of Venezuela and	New	Grena	. - 1	58	4,642
British Islands	•		1	600	9,923
French ditto		•	- 1	55	2,511
Spanish ditto		•	- 1	877	11,961
Danish ditto	•	•	- 1	321	15,637
Dutch ditto			- 1	99	3,148
Swedish ditto	-	•	- 1	99 18	- 569
Hayti -	•	-	-	45	1,813
Tet	مله	•	- 1	1,668	48,024

loading goods, being in that case free from port-charges.

ST. VINCENT. See VINCENT (St.).

ST. VINCENT. See VINCENT (ST.).

STADE, a town of Hanover, cap, district of its own name, on the Schwinge, near its mouth, in the Bibe, 30 m. W.N.W. Hamburg. Pop., with its suburbs and garrison, about 5,700. On the bank of the Elbe, adjacent to the town, is the castle of Brunshausen, near which a vessel is stationed to receive the toll exacted by the Hanovice. versian government or all vessels passing up the Elbe. Stade has three Lutheran churches, a gymnasium, a cavalry school, a central workhouse, &c. Its inhabs. are Scale has three Latheran churches, a lay and cavalry school, a central workhouse, &c. Its inhabs. are engaged in manufactures of fiannel, hosiery, &c., and have some share in the transit trade on the Elbe.

have some share in the transit trade on the Elbe.
Since 1736 English vessels have been allowed to sail up
to Hamburg without stopping to pay the duties at Brunshausen; they have, however, to be paid at Hamburg
before the vessel can be cleared out. The duties are
very heavy on certain descriptions of goods, and are, in
fact, a great obstruction to trade. It certainly is not a
little surprising that the different nations of Europe,
and especially the English, should have submitted, for
so long a period, to the imposition of a toll on what is
really one of the most important commercial channels
in Europe. If it be impossible otherwise to get rid of
the nuisance, it would be good policy at once to buy an
exemption from the duty.

see mutainer, is would be good policy at once to buy an exemption from the duty.

STAFFA, a small island of Scotland, belonging to the Hebrides, famous for its basaltic columns and caverns, of STAFFA, a small island of Scotland, belonging to the Hebrides, famous for its basaltic columns and caverns, of the W. coast of the island of Mull, 9 m. N. N. E. Iona. It is of an oval shape, about 1 jm in circ, consisting of an uneven table-land, resting on cliffs of variable height, the Lighest being about 14 ft. above the sea. The cliffs, and the caves by which they are perforated, consist mostly of basaltic columns, resting on conglomerated trap or tufa. The columns are partly perpendicular, partly oblique or horizontal, and partly bent. The average diameter of the columns is about 2 ft.; but they sometimes extend to 3 and 4 ft. They are generally pentagonal and hexagonal; they sometimes, however, have 7 or 9 sides, but are rarely triangular or rhomboldal. They are not so exquisitely united, nor are their angles as sharp as those of the Giant's Causeway.

Except on the N. B. above of the island, at the landing-place, it is almost every where surrounded by cliffs hollowed with caverns. But the W. side being exposed to the full swell of the Atlantic, and heat by a heavy surge, has been comparatively little explored, and the principal caverns of which we have any certain information dipal caverns of which we have any certain information

the full swell of the Atlantic, and heat by a heavy surge, has been comparatively little explored, and the principal caverns of which we have any certain information are on its E, side. Of these the most celebrated by far is Fingal's Cave, visited and described by Sir Joseph Bankes, Dr. M'Culloch, and Sir Walter Scott. The height of the cave, as given by M'Culloch, from the surface of the water, at mean tide, to the centre of the ceiling or arch, is about 66 ft., the height of its sides 36 ft., and its depth 327 ft.* Its sides are formed by ranges of nearly perpendicular columns; a deep chan-

netted fissure, parallel to the sides, extends along the whole length of the ceiling, which is formed of the beatoms of columns whitened by the infiltration of carbonate of lime into their interstices. The sea never entirely ebbs from the cave, the immost recesses of which may be discovered from without. In moderate weather boots sell in the technical control of the control of t

may be discovered from without. In moderate weather boats sail up to its farthest extremity.

"It would be no less presumptuous than useless," says Dr. McCulloch, "to attempt a description of the picturesque effect of that to which the pencil streef is inadequate. But if this cave were even destitute of that order and symmetry, that richness arising from multiplicity of parts combined with greatness of dimension said simplicity of style, which it possesses; still, the prolonged length, the twilght gloom half concealing the playful and varying effects of reflected light, the echo of the measured surge as it rises and falls, the transparent green of the whole scene, could not fall strongly to impress a mind gifted with any sense of beauty in art or in matare." mind gifted with any sense of beauty in art or in nature."

(Geology of the W. Islands.)

But the noblest description of this magnificent cave is

that given by the great minstrel :-

on by the great minsures:

that wondross &
Where, as to shame the temples deck'd
By skill of certhly architect,
Nature herself, it seem'd, would raise
A minster to her Maker's praise
Her columns, or her arches bound;
Nor of a thome less than all reading,
Nor of a thome less than all reading,
And ctill, between each awful panes,
From the high vanit on answer drawn,
In varied tone prolong'd and high,
That mocks the organ's milety.

Lord of the Dies

In a note on this splendid passage, the author says, "it would be unpardonable to detain the reader upon a wonder so often described, and yet so incapable of being understood by description. This palace of Neptune is even grander upon a second than the first view. The stupendous columns which form the sides of the cave, the depth and strength of the tide which rolls its deep and heavy swell up to the extremity of the vault, the variety of the tints formed by white, crimson, and yet-low stalactites, or petrifactions, which occupy the value, the tide of the tide of the bases of the broken pillars which form the roof, and intersect them with a rich, curious, and variegated chasing, occupying each interstice; the corresponding variety below water, where the occass rolls over a dark red or violet-coloured rock, from which, as from a base, the basaltic columns arise; the tremendous noise of the swelling tide, mingling with the deep-toned echoes of the vault, are chromatanous alse where unparalleled."

Mackinnon's Cave and the Boat Cave, though inferior to that now described, are also magnificent caverns.

to that now described, are also magnificent caverns.

Staffa was first made known to the public by the is

Mackinnon's Cave and the Boat Cave, though insurior to that now described, are also magnificent caveras.

Staffa was first made known to the public by the interesting account of it given by Str Joseph Banakes, by whom it was visited in 1773. (Peanosa's Tour in Scotlend, ii. 300., ed. 1790.) It is now, during summer, for quently visited by steamers: it is uninhabited, and has not even a house or hut in which any one can take shelter during a storm.

STAFFORD, a central co. of England, having N. Cheshire, E. Derby and Warwick, S. Worcester, and W. Salop. Area, 787,760 acres. Aspect very various. The N. part, or that portion of the co. lying to the N. of a line drawn from Uttoxeter, on the confines of Derbyshire, to Newesstle-under-Lyne, consists principally of moorlands. The hills, in some parts of this district, rise to an elevation of about 1,000 ft. above the level of the sea; sometimes consisting of vast beaps of gravel, and sometimes of huge cliffs, having immense masses of rock scattered round their bases. With the exception of some beautiful valleys, the whole of this district is sterile, cold, and dreary. The soil in many places is peat; but in some parts, particularly between the rivers Dove and Churnet, it is of a superior quality, and produces good herbaga. The middle and S. parts of the co. are agreeably diversified with hills, devel lands in pasture and corn, plantations, and gentile, evel lands in pasture and corn, plantations, and gentile, evel lands in pasture and corn, plantations, and gentile, evel lands in pasture and corn, plantations, and gentile, evel lands in pasture and corn, plantations, and gentile, evel lands in pasture and corn, plantations, and gentile, evel lands in pasture, and 500,000 acrees of gravelly or the largest of the remaining tracts of waste land in the on. Mr. Pitt estimated the cultivated land, including parks, at 600,000 areas, of which, he supposed, 100,000 may be meadow and pasture, and 500,000 acrees of fight sandy, gravelly, or other soils. (Servey, p. 13.) The sire

^{*} These measures differ in some respects, but not materially, fros those given by Sir Joseph Banks.

and manufacturing than an agricultural co.; but husbandry, though not so far advanced as it might be, is, of late, very considerably improved. Wheat, cats, beans, and bar ley are the principal crops. The usual rotation on the clay land is, 1. failow; 2. wheat; 3. beans; 4. seeds; 5. oats. Various important improvements have been effected within the last 20 years, particularly on the estates of the Duke of Sutherland, who has expended large sums on drainage, on the building of new, commodious, and excellent farm-houses, and on other substantial improvements. The cattle of Staffordshire are principally of the long-horned breed; but, within no very distant period, they have been extensively crossed with short-horns; and the stocks of some of the principal bredeers consist, at present, entirely of the latter. Dairy husbandry is extensively practised; cheese is the principal product, and it is but little insirior to that of Cheshire and Derby. The sheep stock is estimated at about 187,000, and the produce of wool at about 3,500 packs. Property in estates varying from 10,0001, a year down to 46:: farms of all sizes, from 25 to 500 acres, but the smaller class is decreasing; leases frequently granted, but the greater number of farms held at will. A verage rent of land, in 1843, 39: 14d, an acre. Coal, iron, and lime are found in the greatest abundance in most parts of the county. It is particularly famous for its potteries and iron founderies. The chief seat of the former is in a district denominated The Potteries, between Newcastle-under-Lyne and Norton-on-the-Moors, in which there are several very considerable towns and villages, mostly supported by the business. The neighbourhood affords abundance of fine clay and coal; but the finest clays are principally brought from Wales and Ireland. The iron-works are principally situated in the 5. angle of the co., in the vicinity of Walsail, Wednesbury, Bilston, &c. Their increase has been but little inferior; for, though the number of furnaces had been quite extraordinary. where there is the greatest manufactory of steam-engines in the world, is situated within this co., on its extreme southern border. Glass is also made on the confines of In the world, is situated within this co., on its extreme southern border. Glass is also made on the confines of Worcestershire. Hats, shoes and boots, are prepared at Stafford for exportation, as well as home consumption; and cotton-mills have been erected at Rochester and other places. Principal rivers, Trent, Dove, and Stout. The Trent and Morsey Canal passes through the county, it is not the place of dividing it into two pretty equal parts; and it is inter-sected by an immense number of other canals, and more sected by an immense number of other canals, and more recently by various rallways. It is divided into 5 hundred; excl. of the city of Lichfield and the bors of Stafford and Newcastle-under-Lyne, and 145 parishes. It returns 17 mems to the H. of C.; viz. 4 for the co.; 2 each for the city of Lichfield and the bors, of Newcastle-under-Lyne, Stafford, Tamworth, Wolverhampton, and Stoke-upon-Trent; and I for Waisall. Registered electors for the co. in 189-50, 17.76; of whom 9.424 were for the N., and 8,389 for the S. div. In 1841, Stafford had 258,364 were males, and 251,340 females. Sum contributed for the relief of the poor, in 1848-9, 110,717z. Annual value of real property in 1815, 1,200,32M; do. in 1843, 2,441,5534.

StarPondp. a parl. and mun. bor. and market-town

STAFFORD, a parl, and mun. bor, and market-town of England, hund. Pirehill, in the above co., of which it is the cap., on the Sow, crossed here by a neat stone bridge, 25 m. N.N.W. Birmingham. Pop. of parl. bor., which includes, with the old bor., a portion of the part (Castle-church, in 1841, 9,149. It is generally well-built, the houses, several of which are handsome, being of brick and slate; and is paved and lighted with gas, under the provisions of a local act: a good supply of water is procured from several public pumps. The principal street runs N.N.W. from the bridge; and near its centre is the market-square, in which is the county-hall, a large modern building of stone, comprising several agrand jury room, courts for the assises and sessions, mayor's office, and other apartments. The county gaol is also a modern structure of extensive dimensions, and well arranged, both for the health and classification of

STAMFORD.

723
prisoners. 200 of whom may be accommodated in separate cells. Stafford has two pars., St. Mary's and St. Chad's, now consolidated and in the patronage of the Lord Chancellor. St. Mary's is a large cuciform structure, in the sarly English style, from the centre of which rises a lofty octagonal tower; about 9,000% were raised, a few years since, by voluntary contributions for the repair and restoration of this venerable structure. Christchurch and St. Paul's have been recently erected; the latter is a good specimen of Gothic architecture. St. Chad's is a Norman structure, with more recent English additions. There is a small but very handsome Rom. Cath. chapel; and the Wesleyan Methodista, Independents, and the Society of Friends, have each places of worship, mostly with attached Sunday-schools. The grammar school, an ancient foundation, was much enlarged by Edward VI.: the income from the endownent encoseds 370% a year, two thirds of which are paid to the bead master, and the remainder to the usher. It is open to all boys of the town; but the number of those on the foundation seldom exceeds 30. The appointment of the masters is vested in the corporation, subject to the approval of the Bishop of Lichāeld and Coventry. A diocean national school is established here, and a Lancastrian school is supported by subscription. The institution for the relief of the orphans and widows of the clergy within the archdeaconry of Stafford is not only liberally supported by subscription, but has an income of 2,400% a year, arising from funded property. Superannusted or infirm clergymen, also, are eligible for the benefits of this charity. The county lundarmary, in the Foregate, has accommodation for 130 in-patients, and relieves a much larger number of patients at their own dwellings. It has a respectable medical staff. The county lundar sayium, establishment is supported both by subscriptions and funded property; it is admirably conducted, and may justly rank among the principal sayiums in the kindown. The building on lower terms than the others. This establishment is supported both by subscriptions and funded property; it is admirably conducted, and may justly rask among the principal saylums in the kingdom. The buildings comprise accommodation for 170 patients, and the gardens cover an area of several acres. There is an almshouse; but it is only poorly endowed, and fast failing to decay. The manufacture of shoes is the principal employment of the inhabitants, and several manufacturers employ 180 hands: a good workman can earn from 20s. to 20s. a week, and there is a steedy demand for labour. The tanning of leather is no longer carried on to any extent. Stafford is noted, in common with the neighbourhood, for the excellent quality of its ale.

The North Western Railway passes close to the town, where it has a principal station. It has been, and no doubt will continue to be, of great advantage to the town.

town.

It has two weekly newspapers, and two banks. Stafford was incorporated in the reign of John. It is divided, under the Municipal Reform Act, into two wards, its officers being a mayor, 5 aldermen, and 18 councillors. Corp. rev. 1848-9, 1,342.

The assisses and quarter sessions for the co. are held here. The bor. has returned two mems to the H. of C. since the 23d Edward I., the right of election down to the Reform Act being in the resident freemen. The Boundary Act included a part of the parish of Castlecturch with the old borough. Registered electors, in 1849-50, 1,23d. The custom of borough-English, by which lands descend to the younger son, to the exclusion of his elder brothers, prevails within the town and liberties.

and mortices. Stafford is, also, the election-town for the N. division of the co., as well as the principal seat of a poor-law union comprising 31 pars. Markets on Saturday: fairs, April 5., May 14., June 25., Oct. 2., and Dec. 5., chiefly for horses and cattle. There is also a fortnightly cattle

for horses and cander market.

About a mile and a half S.W. the town, on the site of a very old castle, demolished at the close of the parliamentary wars, Sir George Jerningham, now Baron Stafford, has built a massive structure after the design of the design of the label of Parliant Information.)

ford, has built a massive structure after the design of the old fabric. (Private Information.)

STAMFORD, a parl, and mun. bor, and market-town of England, S.W. extremity co. Lincoln, on the Wellmad (crossed here by a stone bridge of five arches), 38 m. S. Lincoln, and 80 m. N. by W. London. Pop. of parl, bor., which includes Stamford-baron with the old bor. a small portion of the par, of St. Martin, on the opposite side of the river, and in co. Northampton, in 1841, 7,384. It is well built, principally of stone, parlly paved, well lighted with gas, and supplied with water from Wochtorpe, about 1 m. distant; but the streets are so irregularly laid out as scarcely to admit of description. An act of parliament was, however, passed in 1841 for correcting some of these defects, and to the better cleaning and paving the town; and the commissioners for executing the act resolved that its powers should be put into full operation. Mr. Newcomb, proprietor of the Stamford Mercury, has improved the N. entrance of

the town, called Scotgate, by the erection of numerous houses in an admirable style of architecture; but the fact of the land N. from the river being common, and that in the parish of Stamford-baron, consisting of the park and demeane of Burghley, preclude the probability, at present, of any great increase. (Muss. Bowst. Report.) The town-hall, rebuilt in 1776, a large and fine edifice, The town-hall, rebuilt in 1776, a large and fine edifice, comprises a sessions-room, gool, and muniment-office; the town has, also, a small well-arranged theatre, and assembly rooms. The other public buildings are the churches, of which only 6 remain out of 14. St. Mary's, considered the mother-church, was built about the end of the 18th century, and is chiefly in the later English style, having a very fine tower and spire. All Saints is an extremely handsome building, with a tower and octangular crocketed spire. The livings are all in the gift of the Marquis of Exeter, except St. John's, of which Hichard Newcomb, Eq. is joint patron. The Wesleyan Methodists, Independents, and Roman Catholics, have sach places of worship, and there are numerous Sundayschools. The grammar-school, founded in 1548, is well endowed, the nett income of the master being nearly 700%. a year; but the school has for many years past 700% a year; but the school has for many years past been of little service to the inhabs. A blue-coat school affords clothing and instruction to about 150 boys: the

700f. a year; but the school has for many years past been of little service to the inhabs. A blue-coat school affords clothing and instraction to about 150 boys: the petty-school was founded in 1604, and a girl's national school was established in 1815. The endowed charities are numerous and valuable: several hospitals, or almshouses, have been founded at different times; besides which, there are several considerable bequests for the relief of the aged poor. A handsome infirmary has recently been built near the town, and furnishes accommodation for about 20 in-patients and 150 out-patients. There are no manufactures; but a considerable business is carried on in maiting, and in a retail trade with the neighbourhood. The Welland is navigable for barges from hence to the sea. In the town are excellent hot and cold baths; and races are held in March and July, newspapers, and 3 banks. Markets on Monday and Friday, the latter being for corn. Fairs, Mid-lent Monday, Monday before May 12., and Nov. 8.

Stamford (an. Stean-forde, meaning the paved ford) was incorporated in the reign of Edw. 1V. It is divided, under the Mun. Reform Act, into 2 wards, its officers being a mayor and h aldermen, with 18 councillors. Corp. rev. in 1848-9, 1,3671. Quarter and petty sessions are held under a recorder, and there is a county court, before which 769 plaints were entered in 1848. The custom of borough-English, by which landed property descends to the youngest son, to the exclusion of his relder brothers, prevails here; but there is only one copyhold house in the town. Stamford has, with some intermissions, sent 2 mems. to the H. of C. since the reign of Edw. 11., the right of election down to the Reform Act being in the resident treemen and inhabs, paying scot and lot. The electoral limits were enlarged by the Boundary Act, so as to include a portion of Stamford-baron. So of the river. Reg. electors in 1849-50, 590. Stamford is likewise the principal town of a poor-law union comprising 37 pars. The remains of conventual buildings,

ventual buildings, which are found abundantly in different parts of the town, show that it was formerly of some importance as an ecclesiastical settlement; and in the reign of Edw. III. it became, for a brief period, the seat of a university, which, however, soon fell to decay. Within a short distance of the town, on its E side, is Burghley House, the magnificent seat of the Marquis of Exeter, one of the finest Elizabethan residences in the kingdom. (Bound. and Muss. Reports, 3c.)
STARGARD, a town of the Prussian states, prov. Pomerania, on the lina, in a very fertile country, 21 m. E. by S. Stettin. Pop. 13,000. The cupols of St. Mary's church is supposed to be one of the most elevated in Germany. It has a college or gymnasium, founded by a private citizen in 1631, a school of arts, &c., with distilertes and different branches of manufacture.

STETTIN, an important town and river port of the

private citisen in 1681, a school of arta, &C., with distileries and different branches of manufacture.

STETTIN, an important town and river port of the Prussian states, cap. Pomerania, and of a reg. of the same name, on the left bank of the Oder, about 36 m. above where it unites with the Baltic, lat. 53° 23' 20' N., long. 14° 33' E. Pop., in 1846, 41,573. It communicates by a bridge with a suburb on the right side of the river, and is very strongly fortified. It is well built, and is the most ancient as well as the principal town of Pomerania. Principal edifices, the royal castle, governor's house, mint, exchange, arsenal, and theatre. It has severa's churches, of which the principal, St. Mary's, was founded in 1263. The warehouses belonging to the sait company are the most extensive of any in Prussia. The royal square is ornamented by a statue of Frederick the Great. It is the residence of the provincial authorities: and has a court of appeal for the circle, a gramasium (illustre) founded in 1843, an observatory, a semi-nary for the training of schoolmasters, a public library, and various other literary institutions. Ship and boat building, and the forging of anchors, are extensively car-

ried on; there are also distilleries, with a considerable variety of manufactures. Stattin is the seat of an extensive and growing commerce, and is now, indeed, the principal port of importation in Prussia. She owes this distinction mainly to her situation. The Oder, which flows through the centre of the Prussian dominions, is distinction mainly to her situation. The Oder, which flows through the centre of the Prussian dominions, is navigable for barges as far as Ratibor, near the extreme southern boundary of Prussian Statibor, and is united by means of canals with the Vistula, Elbe, Spree, &c. Stettin is, consequently, the principal emportum of some very extensive and flourishing countries; and is not only the port of Frankfort-on-the-Oder, Breakw, &c., but also of Berlin; being, next to Dantzie, the principal port in the Prussian dom. Hence, at the proper seasons, its wharfs are crowded with lighters that bring down the produce of the different countries traversed by the river, and carry back colonial products and other articles of foreign growth and manufacture. Vessels of considerable burden, or those drawing above 7 or 8 ft. aster, load and unload by means of lighters at the mouth of the river at Swinemunde, the outport of Stettin, on the E. coast of the isle of Usedom. (See Swinemundes.)

There is a great wool fair in the month of June each year. A bank, similar to that of Berlin, is also established here, with an insurance company, &c. The principal articles of export consist of linens, corn, wool, timber, and staves, zinc. manganese, bones, oil-cake, bottles, &c. The imports consist of sugar, coffee, and other colonial products; wine, indigo, and other dye-stuffs; cotton stuffs, yarn, and raw cotton; herrings, hardware, oil, tallow, coal, salt, &c. Stettin has considerable manufactures of woollen stuffs, hostery, leather, sail-cloth, tobacco, &c., and the most extensive sugar refinery in Prussia. In 1849 there belonged to the port 350 vessels of the burden of 40,062 Prussian tons, being about one third part of all the ships belonging to Prussia, exc. boats and 3 steamers.

STEUBENVILLE, a town of the U. States, in Obio,

of all the ships belonging to Prussla, exc. boats and 9 steamers.

STEUBENVILLE, a town of the U. States, in Ohio, cap. Jefferson co. on the Ohio, 45 m. W. by S. Pittsburg. Pop., in 1840, 5, 203. It is a flourishing well-bailt town, having woollen, cotton, steam-engine, and other machine factories; saw, flour, and paper-mills; printing establishments, &c.; the machinery in many of which is impelled by steam. It presents every probability of a rapid increase, the country around being rich and populous. (Amer. Alimanac, and Cyc.)

STEYNING, a market-town and par. of England, co. Sussex, rape Bramber, hund. Steyning; area of par., 5 m. from the English Channel, and 114 m. S. Horsbam; omists of four indifferently bulk streets. It has a very curious Norman church, with a great variety of excellent and very elaborate detail. (Richman's Gothic Archil.)

The living, a vicarage, worth 3081, a year, is in the gift of the Duke of Norfolk. Brotherhood Hall, an old edifice of the time probably of Henry VIII., is appropriated to a free school, founded in 1614, for the classical education of 10 boys. This town has never been of any considerable import once, and, in fact, would not have been worth mentioning in a work of this kind, but for the circumstance of its having sent 2 members to the H. of C. from the reign of Edward II. to the passing of the Reform Act, by which it was disfrenchised. The franchise was nominally vested in the inhab, householders paying scot and lot; but was really in the hands of the Duke of Norfolk, the proprietor of the borough. It is a poling place for the W. division of the county, and has petty sessions. sessions.

place for the W. division of the county, and has petty sessions.

STIRLING, a central and marit. co. of Scotland, having N. the co. Ferth, E. the Frith of Forth and Linithgow, S. the latter, Lanark, and Dumbarton, and W. the latter and Loch Lomond. Area, 321,390 acres, incl. 8,320 acres water. Surface actremely diversified, consisting partly of high mountains; partly of extensive moors, bogs, &c.; and partly of very rich alluvial carse lands. Bun Lomond, the most celebrated and best known of the Highland mountains, in the N. W. part of the co., immediately above Loch Lomond, has an altitude of 3,191 ft. The Fintry, Cample, and Lennox hills lie in the middle and S. parts of the co. the surface, from Denny N. W. to Loch Lomond, is in most places very bleak and sterile. The low alluvial or carse lands, which are extremely productive, ile on both sides the Forth, but principally on its. S. bank, extending from Falkrik to above Stirling. They are supposed to comprise, in all, from 25,000 to 45,000 acres. They consist principally of a bluish clay, intermixed with sand. In the W. parishes clay soil predominates; and, as it rests on a bottom of hard ferruginous clay (201), it is cold and wet. In some places along the rivers the soil is light and gravelly. In the high moors it is mossy; and in the lower districts vary from 30 to 360 acres; but, in the hilly and mountainous districts, they are much larger. Agriculture very various; but generally well suited to the situation and climate. Drainage

STIRLING.

has recently been practised on a very extensive scale. In the carse, wheat, beans, barley, and clover, but particularly the first two, are the principal crops. On the lighter lands, turnips are largely cultivated; oats being the prevailing crop on all the poorer high lands. Potatoes generally cultivated. Sheep mostly of the black-faced Linton breed; but Chervicts have been largely introduced. Besides the cattle bred in the co., which are not remarkable for their goodness, great numbers of Highland cattle are annually purchased for feeding at the Falkint trysts. These are the greatest fairs, or markets for cattle, of any in Scotland. They are held on the 2d Tuesday of Aug., Sept., and Oct.; the last being the largest. Cattle in all sorts of condition are brought to them from all parts of Scotland, but principally from the north; as are also sheep and horses. At an average, it is supposed that about 80,000 cattle, 30,000 sheep, and 4,000 horses, are annually disposed of at these trysts. Estimating the cattle to be worth 7t each, the sheep 11s., and the horses 10t., their entire value will be nearly 650,000'. (Youset on Cattle, 4c., p. 121.)

Stirlingshire is said to have about 12,000 acres of natural wood, and above 10,000 acres of plantations. The E. parts of the co. have a finely diversified appearance; and the view from Stirling Castle is, perhaps, unequalled by any other in Britain. See neat art.) Coal abundant; and there are large supplies of ironstone, freestone, &c. Average rent of land in 143, 11s. 846. an acre. Extensive works have long been established at Carron, for the smelting of iron, and the musacture of all sorts of cast-iron goods, whether for civil or warlike purposer. (See Carron, Bannockburn, and other small streams. Stirling has 2s para, and returns 1 mem. to the H. of C. Registered electors for the co. in 1849-50, 2476. The Bor. of Stirling unites with the bors of Inverkeithing, Dunfermilne, Queensferry, and culroses; and the bor. of Falkirk with those of Linitingow, Lanark, Airdr

"The principal street, which extends from the castle down the ridge of the hill, with narrow cross streets branching from it down the declivity on each side, is open

down the ridge of the hill, with narrow cross streets branching from it down the decilvity on each side, is open and spacious; and the houses, though many of them bear marks of antiquity, are generally lofty and comfortable. A new bridge over the Forth (finished in 1835) has been begun, and streets are proposed to be built from it on the low ground to the E. of the town. Several neat houses have lately been erected in the neighbourhood. Many respectable families have been induced to settle in Stirling, inconsequence of the cheapness of living, the beauty of the surrounding country, and the society which the town affords." (Parl. Bousd. Rep.)

The principal building is the castle. A fortress is said to have been erected on its site by the Romans, and there can be no doubt of its great antiquity. Its inaccessible situation in the centre of the kingdom, at the point where the Forth first becomes fordable, renders it, as it were, the key of the Lowlands on the one hand, and of the Highlands on the other. No wonder, therefore, that Stirling early became a place of great importance, and that it was for a lengthened period a favourite royal residence, and the seat of the legislature. Previously to the invention of artillery, the castle was a place of great strength; but, notwithstanding the additions made to the works in more modern times, it could not oppose any effectual resistance to an army properly supplied any effectual resistance to an army properly supplied

with artillery. It is a quadrangular building, with an open area in the centre, and, besides other structures, includes the old royal palace, principally built by James V., and the parliament bouse; but these venerable structures have, by a scandalous outrage on taste and national associations, been degraded into barracks for common soldiers! It is stipulated in the articles of union with England, that Sirling castle shall be always garrisoned, and kept in repair.

Among the public buildings in the town are the town-house, gaol, Cowan's hospital, founded in 1639, and richly endowed; the athenaum, with a spire 120 R. in height, a hall for the circuit and sheriff courts, &c. The old church, a venerable Gothic edifice, a portion of which formed part of the Franciscan monastery, founded in 1944, has long been divided into two places of worship: James VI., when a child, was crowned in it, on the 39th of July, 1867, the coronation sermon being preached by the famous reformer, John Knox. Three churches belong to the establishment; 2 to the Free Church, 3 to the United Presbyterians, and I each to the Reformed Presbyterians, and I seek to the Reformed Presbyterians, and I seek to the Reformed Presbyterians, and I seek to the Reformed Presbyterians and I seek to the Reformed Presbyterians and I seek to the Reformed Presbyterians of the house formerly occupied by the principal Scotch nobles are still met with different parts of the town. Religious dissent prevails in Stirling, perhaps to a greater extent than in any other town of Scotland. Bheueser Erskine, one of the ministers of Dunfermine) a founder of the Secession, to Maissing was (along with his brother Ralph, one of the ministers of Dunfermine) a founder of the Secession, the ministers of Dunfermine) as founder of the Secession, the ministers of Dunfermine) as founder of the Secession, the ministers of Dunfermine) as founder of the Secession, the ministers of Dunfermine) as founder of the Secession, and Reference in the structure of Cowan's hospital, noticed above

literature. It has also a mechanica' institute, and several public libraries.

Exclusive of Cowan's hospital, noticed above, founded by a citizen of that name, Stirling has two other well-endowed hospitals, exclusive of the interest of 4,0004. left in mortmain for behalf of the poor. But, "where the carcass is, there will the eagles be gathered together;" and, notwithstanding the ample provision in question, pauperism is quite as prevalent in this as in most other Scotch towns. Assessment for the poor in 1849, 2,4664.

The chief manufacture is that of tartum tartum sharls.

question, pauperism is quite as prevaient in this as in most other Scotch towns. Assessment for the poor in 1849, 2,4564.

The chief manufacture is that of tartains, tartan shawls, carpets, and yarns, which is carried on to a large extent; and the dyeing of yarns, home-made cloths, and silist is also carried on. Cotton goods are manufactured, though to no great extent, with ropes, mait, leather, soep, and candles. The town has extensive markets, the Corn Exchange being one of the finest in Scotland: it has also a considerable coasting and retail trade. About 100 vessels are said to be engaged in the trade on the Forth up to Stirling, and steam-packets, which in summer are crowded with passengers, ply daily between the town and Granton Pier, near Edinburgh. The town has a branch bank of the Bank of Scotland, with five other branch banks of the Bank of Scotland, with five other branch banks of the Bank of Scotland, with five other branch banks, and two weekly newspapers.

Stirling received its first charter from Alexander I. in 190; it is now governed by a provent, 3 bailles, and 18 councillors. Corporation revenue, about 3,000. a year. The bor. unites with Dunfermline, Culross, Inverkeithing, and S. Queensferry, in sending I mean to the H. of C. Registered electors, in 1849-30, 537.

Stirling and its immediate vicinity has been the scene of some of the most memorable events in Scotch history. In 1297 Wallace defeated a formidable English army close to the town; and the victory of Bruce at Bannockburn, in 1314, secured the independence of Scotland. James II. was born in the castle; and there, in 1452, he basely murdered, with his own hand, the Earl Douglas, whom he had inveigled thither by the grant of a safe conduct, and the assurances of freudship! Stirling was also the birth-place of James V., and it continued to be his favourite residence. Here, also, James VI. resided with his tutor, the celebrated George Buchanan (Scotram sasseculi facile princeps), till he was 13 years of age; and here, as already stated,

STOCKHOLM, a celebrated city of the N. of Europe, the cap. of Sweden, at the junction of the Lake Meelar with the Baltic, 440 m. W. by S. Petersburg, lat. 55° 20' 31" N., long. 17° 84' E. Pop., in 1840, 84,160.

It is very strikingly situated, partly on a number of islands, at the entrance of the lake, and partly on the matoland, upon both sides of the Strait, covering altogether an area of about 4½ eq. miles. The view of the city, when approached from the Baltic, commands the palace, the principal bridge, and other prominent objects, and is extremely grand and imposing. "On the islands, and more particularly on those called Stockholm (isl. of the Castle), Riddarholm (Knights' isl.), and Heige Sad's holm (isl. of the Holy Spirit), all so near each other that they are united by 13 short bridges of stone, and others of wood, stand the king's palace, the great cathedral, the bank, the hall of the diet, and most of the more conspicuous ornaments of the city: but the larger portion of the private houses are built on the mainland, which on the N. side, called the Nörrmalm or N. suburb, slopes gradually backwards from the shore; but on the S. side, or the Södermalm, rises in bold abrupt cliffs, where the white houses nest beautifully among shading trees. The streets on the mainland are in general pretty regular, though not very wide; but many of those on the islands are as narrow and crooked as a lover of irregularity could desire. On the three principal islands most of the houses are of stone, but in the N. and S. suburbs the greater part are of stuccoed brick, painted white, yellow, or faint blue. In the remote suburbs, wood is still the only material employed. In most of the houses the stairs and lobbies are of a dark blue stone, with such a slippery surface that the stranger is exposed to many a tumble before he gets accustomed to them. Most of the great thoroughfares are tolerably well paved, but they are almost wholy destitute of footpaths, In all parts of the city it has been necessary, is exposed to many a tumble before he gets accustomed to them. Most of the great thoroughlares are tolerably well paved, but they are almost wholly destitute of footpaths. In all parts of the city it has been necessary, from the nature of the ground, to build upon piles. There are no fortifications of any kind round Stock-bolm." (Bremner, i. 342.)

well paved, but they are almost wholly destitute of footpaths. In all parts of the city it has been necessary, from the nature of the ground, to build upon piles. There are no fortifications of any kind round Stockholm." (Bremner, i. 342.)

Except some churches, few buildings of importance are situated in the N. suburb. It contains, however, the two principal squares of the city; one of which, the "King's Garden," bordered with large shady trees, has a good statue of Charles XIII.; while the other, called the square of Gustavus Adolphus (one side of which is formed by the opera house, in which Gustavus III. was assassinated in 1792), has a well-executed statue of the hero whose name it bears. From this square a very handsome bridge opens a communication with the principal island and the royal palace; and, as all heavy goods are here carried by water, it forms the most fashionable and agreeable lounge in Stockholm. The line of this bridge crosses Helge-Aud's island, cutting off a small portion of the latter, which, being fitted up as a garden, is the resort of the best society of the capital.

The Södermalm, or S. suburb, is connected with the city by a bridge, underneath which are sluices for drawing off the waters of the lake. It has 2 fine churches, and a statue of Charles XII. on the military parade.

Though Stockholm has numerous statues, it has but few public edifices of an ornamental character. The palace, lowever, an immense quadrangular edifice, begun during the reign of Charles XII. has a majestic appearance from whatever point it may be viewed. Its N. and S. faces being prolonged castward, towards the sea, inclose between them a flower-garden. The lower part is of polished granite; the upper, of brick covered with cement. It contains a museum of antiquities and sculpture, with several good works by Swedish artist; a picture-gallery, in which are a few fine paintings by Raphael, Teniers, Paul Potter, Ostade, &c.; some other superior paintings in the queen's apartments. On one of the quars, within view

its roof ornamented with statues. The room in which the Diet assembles is of moderate size. Its walls are hung with the armorial bearings of the principal Swediah families, and its seats are subdivided into 4 distinct onfamilies, and its seats are subdivided into 4 distinct compartments, without, however, any difference as to the mode of their fittings. The president's chair, a fine specimen of Dutch workmanship, is at the upper end of the hall; the nobles' seats being on the right, those of the left, and those of the town and county deputies in front. In the intervals of the diets the hall is sometimes used as a concert-room. The town-house is an old-fashioned building, with 4 wings. The military hospital, on one of the more remote islands, is among the best establishments of its kind in Europe. The hospital founded by Gustavus III., though spacious, is not so well conducted.

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an old-fashioned building, with 4 wings. The military hospital, on one of the more remote islands, is among the best establishments of its kind in Europe. The hospital, founded by Gustavus III., though spacious, is not so well conducted.

There are several well-ordered prisons, and public charities of various descriptions; including a founding hospital, to which many children are carried, and which, in fact, is one of the principal sources of the profligary for which the city is distinguished. In the country pare of Sweden, the proportion of legitimate to Illegitimate children is about 20 to 1; in the towns, as 64 to 1; whereas in Stockholm, it is under 2½ to 1? The pep-of Stockholm has long been nearly stationary, or has but slowly increased. The mortality to sery heavy, the deaths exceeding the births by above 1,200 a year; a result as earthable partly to the mortality occasioned by the surface of the property and damp lodgings of a considerable, and partly to the prevalence of dram-drining, and the poverty and damp lodgings of a considerable, to the provide of the Diwagarken (deer-garden), to the E. of the city. For the tits great extent, and romantic character, Bremer says it is great extent, and romantic character, Bremer says it is great extent, and romantic character, Bremer says it is great extent, and romantic character, Bremer says it is great explain, has here only not to injure nature. The margin of the peninsula, of which it occupies the great capitals, has here only not to injure nature. The margin of the peninsula is covered with old-fashioned eating-houses, dec. Within this confused circle runs the beautiful carriage drive, lined with modern villas of classical design, Swiss drive, lined with modern villas of classical design, Swiss cottages, Italian verandahs, &c. Among these are placed coffee-houses, questrian theatres, and dancing-roems, while the space between them and the road is occupied with flower-plots and shrubberles, through which rate with proper sh

STOCK PORT.

kinds of occupations. Foreigners, consisting principally of Germans and Englishmen, with about 600 Jews, are but few in number. Considering, indeed, that the king is a native of France, and the proximity of the city to Russia, the small number of Freschmen and Russians may well excite surprise.

A few years since it was a common complaint that there were no good hotels, and that lodgings were both scarce and dear in the city. But several inns have been recently built, and, according to Bremner, the Stockholm hotels may now be considered fully equal to those of second-rate towns in other parts of the continent. They do not supply dinners, which may, however, be had at the eating-houses, where a pretty good dinner may cost about 2s. "Even at the most fashionable places in the park," says Bremner, "the charge, as compared with England, is extremely moderate. We happened to see the bill for a dinner that would not have disgraced the Star and Garter. Fish, fruit, and every delicacy of the season, were served in profusion. The wines, also, were first-rate, and included port (here a dear wine), sherry, claret. Rudelsheimer, champagne, and punch, supplied to 34 guests; yet the whole charge, including attendance, was only 350 rix-dollars, or shout 12s. a head."

During the summer season nearly all persons in

attendance, was only 250 rix-dollars, or about 12s. a bead."
During the summer season nearly all persons in tolerable circumstances spend the greater part of their time in the environs. At all the public places visitors are waited on by women; and a stranger is surprised to see many employments entreated to men in other countries here undertaken by females. The ferry-boats, for instance, are almost all rowed by Dalecarlian females, in their peculiar native costume; though, if we may rely to be much injured by this masculine employment. Stockholm is not the seat of a university, but it has several distinguished academies, including the Academy of Sciences, established about 1740, with an admirable museum of scology; the Swedish Academy, founded by Gustaves III.; the academy of pointing and sculpture, which has produced Sergel, Fogelberg, Bystrom, &c.; and that of literature, a college of medicine, schools of navigation, drawing, &c., with societies of agriculture, commerce, and philosophy. There are also several clubs and reading-rooms, on much the same plan at those of London, and various newspapers.

Stockholm appears to have been founded by Birger, regent of Sweden, in the 13th century. It became the residence of the Swedish sovereign soon after Birger's death, but was not recognised as the capital till the 17th century, previously to which, Upsala had been the seat of the court. (Stockholm spears, Excursions to Dessmerk, Swedens, &c., &c.)

STOCKPORT, a parl. bor., and manufacturing town

ii. 340—405.; Merray's Handsoon for one array (Caze, &c.)

STOCKPORT, a parl, bor., and manufacturing town of England, co. Chester, on the borders of Lancashire, 5 m. 5.5. Manchester, and 10 m. N. Macclesfield. The parl, and mun. bor. comprises the township of Stockport, with part of those of Brinnington and Heston Norris, and the hamlets of Brinnington and the Adjacent arr. of Cheedle; and had, in 1831, a pop. of about 42,000°, and in 1841, of 50,184. The town-proper, which is supposed to occupy the site of a Roman military station, is built on an abrupt hill beside the Mersey, which, sweeping round its E. and N. boundary, is here joined by the Tame. From the bank of the river the houses rise in successive tiers round the sides of the hill, from the base to the summit, some having apartments excavated in the to the summit, some having apartments excavated in the sandatone rock; and the numerous extensive factories elevated above each other, and spreading over the town sanatone roce, and the numerous extensive incroise elevated above each other, and spreading over the town, give it, especially when lighted up at night, a striking appearance. The most ancient part of the town surrounds the church and market-place on the top of the hill, whence various streets diverge in different directions. The principal street, called the Underbank, follows the direction of the old Roman road 8, to Buxton. Three

direction of the old Roman road 8. to Buxton. Three bridges across the Mersey connect the town-proper with its suburbs of Portwood and Heaton-Norris.

Portwood, in the township of Brinnington, is large, populous, and of considerable manufacturing and commercial importance. To the W. of Stockport numerous streets, houses and factories, cover the greater part of the hamilets of Brinksway and Edgeley. Heaton-Norris, which is situated in Lancashire, communicates with the better part of Stockport, by a new line of road, made within the last 15 years, and a noble bridge of 11 arches across the valley and the river. The arch over the river, bulk of hard white stone, has a span of above 90 ft., and an elevation of 40 ft., above the water. The arches on the Cheshire side are carried across several streets, leaving an elevation of soil, above the water. The armses on the Cheshire side are carried across several streets, leaving thoroughfares underneath. Stockport is well paved, and lighted with gas; and there is an ample supply of water, as a reasonable rate. The par. church, the chief public edifice, appears to have been erected in the 14th century,

but has been much patched up in later times. The chancel had a fine decorated E, window; but this has been removed. At the W, end of the church is a lofty square tower, crowned with a pierced parapet and pinnacles; and in the interior are several ancient monuments. cles; and in the interior are several ancient monuments. The living, a rectory of the clear annual value of 1,882., is in the gift of Lady Vernon. There are 2 chapels of ease, St. Peter's and St. Thomas's, both perpetual curacies, the former worth 2204, in private patronage; and the latter, worth 1101. a year, and in the gift of the rector of Stockport. St. Thomas's, an elegant building in the Grecian style, was erected, in 1825, by a parigrant, at an expense of 14,5554. There are places of worship for Independents, Methodists, Friends, Unitarians, Roman Catholics, &c.; and a good and handsome subscription news-room. A covered market is not much frequented; but the large open market in the centre of the town is well supplied and well attended, Muss. Copp. Rep.). A free grammar-school, founded in centre of the town is well supplied and well attended, (Man. Corp. Rep.) A free grammar-school, founded in 1487, is under the government of the Goldsmiths' Company of London. It gives gratis instruction to 150 boys, from 6 to 14 years of age, cons of inhabs. of Stockport, &c., in the ordinary branches of education. Their nomination rests with three visiters appointed by the Goldsmiths' Court of Assistants. The master has a salary of 210t., and the uaher of 108t. a year. Some handsome buildings for this foundation have been lately erected, at a cost of about 4,000t. A large national school was established at Stockport in 1805; and handsome school-houses, &c., were built, at an expense of 10,000t. A great number of children of both sexes are educated here; and without the town this establishment has several branch schools. Most of the religious denominations have their own Sunday-schools. There are almahouses, for 6 poor men, founded in 1683; and various other charities for the relief of the poor. (Slat Rep. on Charities.) for 5 poor men, founded in 1933; and various other charities for the relief of the poor. (31st Rep. on Charities.)
Two weekly newspapers are published in the town; and it has a joint-stock bank and two branches of other proprietary banks, exclusive of a savings' bank.

prietary banks, exclusive of a savings' bank.

Formerly, the winding and throwing of silk were the principal branches of industry in Stockport; but these have declined in favour of the cotton manufacture, which now occupies the greater part of the pop. Several large factories have been constructed of late years. There are also several silk-mills in full activity, the rivers affording an ample supply of water. (Murs. Rep.) The importance of Stockport as a manufacturing town is, however, chiefly owing to its abundant supply of coal, obtained from Poynton and the districts on the line of the Manchester and Ashton Canal. with which it communicates be a chiefly owing to its abundant supply of coal, obtained from Poynton and the districts on the line of the Manchester and Ashton Canal, with which it communicates by a branch canal. In 1839, there were in the par, 25 cotton-mills, wrought by 1,309 steam-engines, and employing upwards of 5,800 work-people. (Mills and Factories Rep.) The weaving of calico has spread itself over all the neighbouring villages; and calico-printing is carried on to a great extent, there being many large dye-houses in the vicinity. Fine woollen cloths, hats, &c., are also manufactured; and the construction of machinery is an important department. The mun. bor. is divided, under the Municipal Reform Act, into 6 wards, and is governed by 14 aldermen and 42 councillors. The ancient charter of incorporation is of uncertain date. The office of mayor was, till a late period, mostly honorary; the town now has a commission of the peace. Corp. revenue in 1848-49, 3,4534. The Reform Act conferred on this bor., for the first time, the important privilege of returning 2 mems. to the H. of C. Reg. elect., 1849-50, 1,224. By far the most interesting object in the vicinity of Stockport is the stupendous viaduct of the Manchester and Birmingham Railway over the Mersey, creeted at a cost of 100,000. This town was a military post of some consequence previously to the Concuest; but as it is not mentioned in Domesduc

pendous viadoct of the Manchesier and Birmingham Rall-way over the Mersey, erected at a cost of 100,000. This town was a military post of some consequence previously to the Conquest; but as it is not mentioned in Domesday Book, it had probably been destroyed at that epoch. No remains now exist of its old castie. In the civil war, Stockport was first garrisoned by the Parliament; then taken by Prince Rupert; but finally retaken by the parliaments proops, who retained it till the termination of the contest. (Bound. and Mun. Rep. &c.)

STOCKTON-ON-TEES, a town, sea port, bor., and par. of England, being, next to Newcastle, Sunderland, and Hartlepool, the principal port in the kingdom for the shipment of coal, co. Durham, ward Stockton, on the Tees, near its mouth, 174 m. S.E. Durham. Area of parish, which comprises the townships of Stockton, Preston-on-Tees, and Hartburn, 4,199 acres. Pop., in 1841, 10,071. But nearly all this population is aggiomerated within the limits of the municipal bor., which lies wholly within the township of Stockton. The town, one of the cleanest and handsomest in the N. of England, consists of a straight and wide main street, about 4 m. in length, running from N. to S.; in which are many good houses, built chiefly of brick, though a few are of stone, taken from the old castle. From this street, smaller ones branch off on the E. towards the river; while on the W. a great many new houses and streets have been recently built. In the N.E. part of the town is a spacious soquare. a great many new houses and streets have been recently built. In the N.E. part of the town is a spacious square, lately enclosed and planted, in which are some good

^{*} The Municipal Corporation Report says, approximatively, 43,000.

buildings. About the middle of the high street is the town hall, a commodious square edifice, with court, assembly, and other public rooms; but partly occupied as an hotel; and near it is a handsome porte column, on the place formerly occupied by an open cross. Near the S. end of the town is a handsome stone bridge, with 5 elliptical arches, erected by subscription, between 1764 and 1769, at an expense of 8,000. The toils of the ferry over the Tees were previously the property of the Bishop of Durham, to whom a considerable annuity was made payable by the shareholders; but the whole debt having been paid off, the bridge became toil free in 1830. A little further S. the Tees is crossed by a suspension-bridge, forming part of the Middleborough branch of the Darlington and Stockton Railway. The Port Clarence Railway terminates on the Tees, a little N.E. of Stockton. The town is watched by an efficient police, and well lighted with gas.

The part. church is a nest brick edifice, with a tower 80 ft. in height at its W. end. The living, a vicarage, borth 3471. a year nott, is in the gift of the Bishop of Durham. There are places of worship for Baptient, Friends, independents, Methodists, Unitarians, and Rom. Catholics, several having Sunday-schools attached; a mechanics' institute and library, a subcerption-library, and a neat theatre. A charity-school was founded here by subscription in 1721, and a school for girls in 1808; and Stockton, with the adjacent parish of Norton, has a scholarship at Brasennose College, Oxon. Some almshouses, established in 1692 were rebuilt in 1816, and dispensary, a savings' bank, and many benefit societies.

The only manufacture is that of sail-cloth; for which the support of the sail-cloth; for which the

The only manufacture is that of sail-cloth; for which

and afford accommodation to 36 poor persons. It has a dispensary, a savings' bank, and many benefit sociodes.

The only manufacture is that of sail-cloth; for which there were, in 1837, three considerable establishments, one employing nearly 400 hands. The two railroads which pass to the town employ a good many hands; and Stockton is said to be in a prosperous state. (Mem. Corporations Rep.) New coal mines of large extent have recently been discovered in the neighbourhood, and the trade of the port has increased considerably of late years. In 1849, there were shipped coastwise from shookton, 402,325 tons coal, exclusive of 112,897 tons shipped for foreign ports. Linem and worsted yarn, and lead, &c., are also shipped in considerable quantities. There belonged to the port, on the 1st of Jan. 1850, 183 sailing vessels of the agg. burden of 25,288 tons, ex. some small steamers. Gross amount of customs' duties in 1843, 84,3642. The port dues belong to the Bishop of Durham, as lord of the manor, but are leased to the corporation at a nominal rent. Stockton is supposed to have been incorporated about the 13th century. The mun. bor. is divided into 2 wards, and is governed by a mayor, 5 other aldermen, and 18 councillors. Corporation revenue, in 1847-8, 1,3004. The bor, has, under the Mun. Reform Act, a commission of the peace; and a county court is established in it, before which 619 plaints were entered in 1848. There is, however, no gool, but only a lock-up house in the bor. Stockton is of considerable antiquity, and was long the occasional residence of the bishops of Durham. Its castle was demolished by order of partiliment in 1647. (Mem. Corp. 87 OKE-UPON-TERSNT, a part. bor., township, and part. of England, co. Stafford, hund. Piretill, on the Irent, 24 m. E. Newcastle-under-Lyne, and 15 m. N. by W. Stafford. Area of part, 10,499 acres. Pop., in 1841, 46,342. The parl. bor. comprises the most populous portion of the part, including the townships, or rather towns, of Hanley, Shelton, Lane End, Fenton, &c., with

bor., and gave it the privilege of sending 2 messa. to the H. of C. Registered electors, in 1845-50, 1,572. The smallness of this number, as compared with the pop., is a consequence of the low value of houses in the district. "The cheapness of building materials, and the shandance of building ground, render a house rented at somewhat below 10% sufficient for the wants not only of the higher order of mechanics, but even of many other classes. This low rate of house-rent does not exist from a depression of trade and wages: no place that we have visited appears in more full employment, more presperous, or more steadily advancing in improvements, than this important district." (Bound. Report.)

The towns and villages comprised in the Potteries, or in the parl. bor. of Stoke-upon-Trent, are so ness sech other, that their limits are not easily defined, and to a stranger the entire district has the appearance of a large straggling town. A very large proportion of the pop. is engaged in, and a still greater is dependent for support on, the manufacture. With the exception of the gold used in gilding, most of the materials employed are worth very little; so that the value of the finished articles, as well as their exquisite beauty, and adaptation to every purpose of utility and ornament, is mainly sacribable to the skill and labour expended upon thess. The wives and children of the workmen are useally employed; and though they work together in factories, yet, as they reside in separate cottages, the manufacture partakes largely of the domestic character. The wages of a whole family amount to a very considerable sum. "The noxious process of giasing, so injurious to the health of those employed, has been rendered nearly free from its deleterious effects by the substitution of boracic acid for lead, which was formerly wholly used, but now only in the proportion of 8 per cent. The people employed in the proportion of 8 per cent. The people employed in the proportion of 8 per cent. The people employed in the proportion of 8 p

over the Spanish fleet, off Cape St. Vincent, on the 14th Feb. 1797.

STONEHAVEN, a bor. of barony, sea-port, and market-town of Scotland, co. Kincardine, of which it is the cap., on the German Ocean, at the point where two small rivers, the Carron and Cowie, fall into a small bay, flanked on both sides by lofty rocks, 14 m. S. by W. Aberdeen. Pop., in 1841, 3.012. It consists of two parts: the old town, on the S. side of the Carron, is irregularly and badly built; but the new town, on the N. bank of the river, on the estate of Mr. Barclag of Ury, which has rapidly grown up. is comparatively well built and handsome: it consists of two parallel streets and cross streets, with a large square in the other. The two towns are connected by a handsome stone bridge. The parish churches of Dunnottar and Fetteresso are in the immediate vicinity of the town, which has also two chapels, belonging respectively to the Episcopalisms and Seceders. Exclusives of other seminaries, the town has a free school for the education of 60 poor children. The harbour, which is a natural basin, has been a good deal improved by the exection of plers, and affords a safe refuge for the smaller class of vessels.

The inhab. engage to some extent in the herring and

The inhab, engage to some extent in the herring and haddock fisheries, 14,638 bar, herrings having been cured here in 1849. It has a flax and a woollen middle, but neither is of considerable size, and two branch banks. The trade of the town is inconsiderable.

Dunottar castle, about 2 m. 8. from the town, stands on a lofty peninsulated rock, projecting into the sea being separated from the mainland by a vast chasm of natural fosse. The summit of the rock, which is mostly

eccupied by the ruins of the castle, comprises about 1½ acre. This castle was, for a lengthened period, the property and residence of the noble family of Ketth, Rarla Marischal. It was forfeited and dismantied after the rebellion of 1715, on the attainder of its noble proprietor. Owing to its position, it was formerly a place of considerable strength, and has been repeatedly besteged. (Municipal Boundary Report; Pennant's Scotland, ill. 180.)

STONEHENGE, the name given to a gigantic ruin, consisting of vast stones, partly upright, and partly fallen, on Salisbury Plain, co. Wilts., England, 2 m. W. Amesbury, and 7 m. N. Salisbury. Though its present appearance be that of a confused mass, justifying, in some degree, Camden's epithet of masses substructio, it seen, on a little examination, that its original form, which may be easily traced, was circular. When perfect, it had consisted of two outer concentric circles of stones, with two inner groups of stones. The outer circle, the diameter of which is 100 ff. amongs to have originally it had consisted of two outer concentric circles of stones, with two inner groups of stones. The outer circle, the diameter of which is 100 ft, appears to have originally consisted of 30 upright stones, of which 17 are still standing. Their average height is about 14 ft.; and their sides 7 ft. by 3 ft. Rach of these upright stones has tenons on its upper end, on which were placed horisonial stones or imposts, with mortices to correspond with the tenons; and these imposts being connected together, formed a continuous circular architrare all round the fabric. The inner circle, 8 ft. 3 in. within the outer circle, consists of smaller stones, more irresultary abands fabric. The inner circle, sir. 3 in. whim the outer cir-cle, consist of smaller stones, more irregularly shaped than those in the outer circle, and without imposts. Only 8 stones of this circle are now standing; but there are remains of 12 others on the ground. Within the Only 8 stones of this circle are now standing; but there are remains of 19 others on the ground. Within the inner circle are 2 groups of stones, having between them a large flat stone, called the attar. Some of these interior stones are of vast size, and have imposts similar to those of the outer circle. According to what appears to be the most accurate calculation, Stonehenge, when entire, must have comprised, in all, 129 or 130 stones. They consist mostly of a fine, white, compact sandstone, closely resembling, or rather identical with, the grey-weathers and other detached masses of stone scattered over the surface of the downs in the vicinity of Avebury and Mariborough.

over the surface of the downs in the vicinity of average and Mariborough.

This gigantic structure is surrounded by what must originally have been a deep trench, about 30 ft. in breadth; and connected with it are an avenue and cwrsus. The former, a narrow road of raised earth, extends in a direct line from what is supposed to have been the in a direct line from what is supposed to have been the grand entrance to the structure, a distance of 564 yards, when it divides into two branches, one leading to a row of barrows, and the other to the cwrsus, an artificially formed flat tract of ground. The latter, § m. N.E. from Stonehenge, is bounded by parallel banks and ditches, measuring 3,036 yards in length, by 110 yards in

breadth.
Such is a brief notice of this stupendous monument, and
of its principal appendages. Similar remains are found at
Avebury, in the vicinity, and in various places in Brittany, the Orkney Islands, &c. Conjecture has exhausted
itself in vain, though frequently ingenious, attempts to
explain the origin and use of this wonderful fabric, and
others of its class. The most common opinion is that it
was raised by the ancient Britons for a drudical remple.
We have elsewhere (see Avenuex, I. 286.) stated our
reasons for believing the statement of its having been
connected with the worship of the druids as allogether.

sional residence of Sir James Matheson, Bart., proprie-tor of the island of Lewis, is in the immediate vicinity of the town. There is a parish church, town-house, and of the town. There is a parish church, town-house, and custom-house, the gross revenue collected at the latter in 1849 being 4194. There is no prison in the island. Though many of the people are Roman Catholics, there is not a single Protestant Dissenter. The means of education, which formerly were very deficient, have been increased materially of late years. Gaelic is the language generally spoken throughout the island: in Stornows, however, it is giving way to English, and divine service is now performed one part of the day in Gaelic, and the other in English.

Small neckets, supported by government, ply weekly

and the other in Engish.

Small packets, supported by government, ply weekly
between Stornoway and Pollew, on the coast of Ross;
and in summer Stornoway is sometimes visited by
steamers from Glasgow.

In 1849 there were cured here and at Barra 16,438 bar,
herrings, and 14,990 cuts. cod and ling. The latter may
be worth from 124, to 154, a ton. The town has a branch

be worth from 12L to 15L a ton. The town has a branch bank, and a rope manufactory.

With the exception of a small district immediately around Stornoway, the island of Lewis was, till recently, in a very backward state, and the inhab, poor and wretched in the extreme; but a great change for the better has taken place since the island came into the possession of its present proprietor, who has expended large sums on its improvement. (New Statistical Account of Scotland, Ross, and Cromarty, 115. 140.; Anderson's Guidet to the Highlands, 482., &c.)

STOURBRIDGE, a market-town of England, co. Worcester, bund. Halfahlre, par. Old Swinford, on the Stour, here crossed by a stone bridge, 18 m. N.N.E. Worcester. Pop. of township in 1841, 7,481. Though irregularly built, the houses are pretty good: it has a

STOURBRIGGE, a market-town of England, co. Worcester, hund. Halfshire, par. Old Swinford, on the Stour, here crossed by a stone bridge, 18 m. N.N.E. Worcester. Pop. of township in 1841, 7,481. Though irregularly built, the houses are pretty good: it has a handsome market-house, a theatre, a subscription library, &c. The episcopai chapel, erected by subscription in 1742, is beyond the jurisdiction of the bishop: the living, a curacy, in the gift of the inhab. householders, is worth 1841, a year. There are places of worship for various sects of Dissenters, and a well-endowed free school, founded by Edw. VI., in which Dr. Johnson received the rudiment of his education. Stourbridge has a national school, and a great number of benevolent and benefit associations. It is governed by a bailiff, townclerk, &c.; and has petty sessions, and a 40s. court of requests. It has manufactures of glass and earthenware, and hardware: the iron trade of the town and neighbourhood is considerable, and most part of the iron-work used in the construction of the custom-house and new postoffice. London, came from Stourbridge. The town communicates, by a branch canal, with the Staffordshire and Worcestershire Canal; by which great numbers of bricks are sent hence to the metropolis, and elsewhere. Markets on Fridays. Faira, Jan. 8. and Mar. 29., for horses and cattle; Sept. 8., for cattle and sheep.

STOURPORT, a market-town of England, co. Worcester, with the pop. of which town and par. its own is returned. It is wholly of modern date, owing its origin to the Staffordshire and Worcestershire Canal, which joins the Severn on its 8. side. It is well built, principally of brick, and is partially paved, and lighted with gas. The Severn is here crossed by an iron bridge, the central arch of which has a span of 130 ft., rising to 50 ft. above the surface of the river. Stourport has an extensive transit trade, being, in fact, one of the principal energy of the Orwell, and on the road and half way between leasting of the orwell, and on the road a

We have elsewhere (see Avedury, I. 265.) stated our reasons for believing the statement of its having been connected with the worship of the druids as altogether unfounded; and there is no evidence to show that the ancient Britons raised or could raise so extraordinary a structure. In truth, we know nothing of this and the other monuments of the same kind, beyond the fact of their existence. They belong to a period of which all records have irretrievably perished; and it is extremely improbable that the veil by which their origin, and the purpose of their founders, is now hid, should ever be drawn aside. Itigo Jones, the learned Dr. Stukely, Dr. Smith, Sir R. C. Hoare, Gough, in his ed. of Camden, &c., have given descriptions of Stonebenge. A good account of the ruins, with a view of the different theories as to the origin and purpose of the structure, may, also, be found in Reevis Cyclopædia.

STONE HOUSE. See PLYMOUTH.

STORNOWAY, a bor. of barony, sea-port, and market town of Scotland, on the R. side of the island of Lewis, one of the Hebrides (which see), on a fine bay, 26 m. W. by N. from the nearest point of Cromarty, on the main land, lat. 58° 13' N., long. 6° 16½' W. Pop. of the town and immediately contiguous villages, about 4,000. This, which is the most considerable town in the Western Islands, has grown up, within no very long period, from a paltry hamlet of about a dozen houses, and there are some good shops. The harbour is formed by a pier; and the bay, which is apaclous, and has deep water, is formed by two low headlands and an island. Stornoway Lodge, the occa-

to the Union it returned 2 mems. to the Irish H. of C., but was then disfranchised. It has a par. school, a Lancastrian do., and some other schools. The trade of the town is much facilitated by a canal about 4 m. in length, from it to where the Foyle becomes navigable for barges of 40 tons. (Railway Report, 4c.)

Quarter sessions are held in April and October, petty sessions on alternate Tuesdays, and a manor court, with jurisdiction to the amount of M., is held once a month. Addoining the town is a valuable saimon fishery, the produce of which is mostly sent, either fresh, packed in ice, or pickled, to the British markets. Post-office revenue in 1830, 1,1581, 1 in 1836, 1,2581. Branches of the Provincial and Belfast banks were opened in 1835. "I saw little or nothing of rags in Strabane: there was a respectable look about the people and every thing else." (Inglit's Ireland, ii. 1871.) Persons coming to attend the assises for the co. Donegal, held at Lifford, usually take up their residence in Strabane.

STRALSUND, a strongly fortified town of the Prussian states, prov. Pomerania, cap. reg. and circ. of the same name, on the narrow strait separating the late of Rugen from the continent, lat. 360 19 229." N., long, 130 7 20° E. Pop. (1845), 16,500. R was founded in 1208, Streets narrow and dirty, houses ill-built; but it has a fine arsenal, and some good public buildings. It is encompassed on the land side by lakes and marshes, so that it can only be approached by bridges. Its fortifications, which had been dismanted, have been renovated and greatly improved since 1815, so that it is now one of the strongest places in the monarchy. It has a gymnasium, two public libraries, and an orphan asylum, with brewerles, distilleries, and various manufactures; and carries on a considerable commerce, exporting corn, timber, beer, linens, &c. Its port, though small, is convenient and asfe, but it labours under a deficiency of water. Close to the town the depth does not exceed 7 feet, at a little distance it increases to 10 f

STRASOURG:

8.8. W. Londonderry. Pop., in 1841, 4.704. It is built on the estate of the Marquis of Abercorn, in a fine valley enclosed by lofty mountains; and has a good linen market, an extensive retail trade, and a considerable trade in the export of grain and provisions, by way of Londonderry. The older parts of the town, along the river, are low, with narrow dirty streets and mean houses; but in the newer parts there are some comparatively good streets, shops, and houses. It has a par. church, a R. Catholic chapel, two Presbyterian and two Methodist meeting-houses, a fever hospital and dispensary, a market-house and a sessions-house, and a bridewell. It is connected by a bridge with its suburb on the left bank of the river. Under the Municipal Reform Act (3 & 4 Victoria, cap. 108.), it has a corporation entitled the sovereign, free burgesses, and commonalty. Previously to the Union it returned 2 mems. to the Irish H. of C., but was then disfranchised. It has a par. school, a Lancastrian do., and some other schools. The trade of the town is much facilitated by a canal about 4 m. in length, from it to where the Foyle becomes navigable for barges of 40 tons. (Railtong Report, &c.)

Quarter sessions are held in April and October, petty sessions on alternate Tuesdays, and a manor court, with jurisdiction to the amount of M., is held once a month. Addicting the town to the amount of M., is held once a month. Addicting the town to the problem of the most remarkable public edifices the miaster, or cathedral, one of the holdest structures of its kind.

By far the most remarkable public edifice is the minster, or cathedral, one of the noblest structures of its hind. It is said to have been originally founded by Clovia, in 504; but Charlemagne constructed the choir, the one of 504; but Charlemagne control of the news, 764; and 1015, but not finished till the 15th century. The estire length of the interior is 378 ft.; breadth, 160 ft.; bright from the pavement to the roof of the nave, 764; Eng. ft. (Schreiber); being, if the dimensions be accurate, about 7 ft. higher than 5t. Feter's in Rome, and about 5 ft. (Schreiber); being, if the dimensions be accurate, about 7 ft. higher than 5t. Feter's in Rome, and about 5 ft. ligher than the great pyramid of Cheops. It is of open work, and combines with the most perfect solidity extraordinary lightness and elegance. The view from the top of this spire is one of the most extensive and fiscat that can be imagined: It is, however, enjoyed by few only. The ascent to the top of the tower may, indeed, be accomplished, without much difficulty, and the view from it is supert; but the ascent thence to the lanters requires very powerful nerves, and, in fact, ordinary visitors are not permitted to attempt ft. The erection of Schulz, an architect of Cologne. Beside the grand portal are equestrian statues of Clovis, Dagoberd, Rodolph of Hapsburg, and Louis XIV.; and over its centre is a marigold-shaped window of stained glass, 51 ft. in diameter. The interior has a fine stone of Marshal Saxe, the highest deviation of schulz, an architect of Cologne. Beside the grand portal are equestrian statues of Clovis, Dagoberd, Rodolph of Hapsburg, and Louis XIV.; and over its centre is a marigold-shaped window of stained glass, 51 ft. in diameter. The interior has a fine stone of Marshal Saxe, the chof-drouver of Primarlemans, 164, 164, 16 By far the most remarkable public edifice is the minster, or cathedral, one of the noblest structures of its kind. It is said to have been originally founded by Chovis, in 504; but Charlemagne constructed the choir, the only part that survived the destruction of the old cathedral by

erticles, metal buttons, cotton twist, leather, hats, paper, playing cards, earthenware, shell articles, printing types, ehemical products, &c., exclusive of dye-houses, breweries, printing establishments, and sugar refineries; the paties de foies gras of Strasbourg have attained to high gastronomical celebrity. The trade of Strasbourg is very extensive, its situation on the Rhine having rendered it

patrice force gras of Strasbourg have attained to high gastronomical celebrity. The trade of Strasbourg is very extensive, its situation on the Rhine having rendered it a great frontier carrepol.

Strasbourg is very ancient, and most probably, indeed, existed previously to the Romans. It assumed the ame of Strateburgues in the 6th century. On the first partition of the Frankish territory it was included in the highdom of Austrasia, and on the second in Lorraine. In the 10th century it belonged to the German emperors, and subsequently became a free city of the empire, which it continued to be till 1681, when it was taken possession of by Louis XIV., and finally annexed to France. Pierre Schaffer, who contests with Guttenberg the honour of being the inventor of printing, and Generals Kellermann and Kleber, are among the distinguished natives of Strasbourg. The latter is burded in the cathedral, and a monument has been erected to his memory on the artillery parade. (Huge, art. Bas. Rhin is Schreiber. Guide dus Khin; Guide dus Voy. en France: Murray's Hemblook, &c.)

3 TRATFORD-UPON-AVON, a town, mun. bor. and parish of England, co. Warwick, hund. Barlichway, celebrated as the birth-place of Shakspeare, 7 m. S.W. Warwick. Area of par., 6,860 acres. Pop., in 1841, 6,852. The town is finely situated on a gentle accilvity rising from the W. bank of the Avon, which here expands to a breadth of about 130 yards, and is crossed by a bridge of 14 arche, built in the reign of Henry VII., but repaired and widened in 1814. In the older parts the houses, though intermixed with others of more modern date, have an antique appearance; several new streets have, however, been constructed of late years, and the corporation has distinguished itself by the aid it has given to improvements of all sorts. (Mussicipal Bossed. Report.) It has a large, handsome, crueiform church, with a square embattled tower, surmounted by a lofty spire: the transepts, tower, and some parts of the nave, are early English; the rest of the building is mostly columns, supporting an entablature.

Judicio Pyllum, genio Socratem, arte Maron Terra tegit, populus mæret, Olympus habet.

These are followed by six lines in English verse; and en a flat stone, which covers the grave, is an entreaty not to disturb the dust "enclossed beare," and an im-precation against such as might profune the ashes of the

nighty dead. mighty dead.
The living of this church, a vicarage, worth 239l. a year, is in the gift of the Earl of Plymouth. Here is also a chapel, that once belonged to the guild of the "Holy Cross," suppressed at the Reformation: it is of the age of Henry VII., in the perpendicular style, and has several curious fresco paintings on its walls. Attached to this building is a hall for the brethren of the guild, since year of the the meeting of the corporation; shap, hones for veral curious freeco paintings on its walls. Attached to this building is a half for the brethren of the guild, since used for the meetings of the corporation; alma-houses for 24 poor persons of both sees, and a free grammar-school for children, natives of the bor. The modern town-hall, a building of the Tuscan order, creeted in 1768, has a hall 60 ft. in length by 30 ft. in breadth. Having been dedicated, at the jubilee in 1769, to the memory of Shakspears, it is thence called the Shakspeare Hall. It is decorated with pictures, by Wilson and Gainsborough, of the great poet and Garrick; and outside the building is a statue of the poet, which, with the pictures, was presented by Garrick. Here are national, Lancastrian, and Atherschools, 2 public libraries, a neat theatre, &c. The Muss. Corp. Report says that some of the charities in the town are highly spoken of. The town is governed by a mayor, 3 aldermen, and 12 councillors, but has no commission of the peace; and even its court of record has fallen into disuse. Corp. revenue, in 1847-8, 2,1484. The only manufacture carried on belongs to one of the departments of button-making, and it is by no means extensive. Markets on Fridays; fairs 6 times a year, for cattle, corn, provisions, &c. The Avon is navigable by barges from the Severn to Stratford, where it unites with the Stratford Canal, which is itself connected with the Worcester and Birmingham Canal.

Little, unfortunately, is known of the life of the illustrious poet to whom Stratford owes all her celebrity. He first saw the light on (as is supposed) the 23d of April, 1564. Having married in 1852, he soon after went poet and Garrick; and outside the building is a statue of the poet, which, with the pictures, was presented by Garrick. Here are national, Lancastrian, and other schools, 2 public libraries, a neat theatre, &c. The Mass. Corp. Report says that some of the charities in the town are highly spoken of. The town is governed the town are highly spoken of. The town is governed that shallen into disuse. Corp. revenue, in 1847-8, 2,1484. The only manufacture carried on belongs to one of the department of button-making, and it is by no means extensive. Markets on Fridays; fairs 6 times a year, for cattle, corn, provisions, &c. The Avon is navigable the Worcester and Birmingham Canal.

Little, unfortunately, is known of the life of the illustrious poet to whom Stratford owes all her celebrity. He first saw the light on (as is supposed) the 23d of April, 1564. Having married in 1862, he soon after went to London, where he produced the greater part of his immortal work; and having returned to Stratford to spend the evening of his days, died there in 1616, on the Vol. 11.

STUHLWEISENBURG. 781
23d of April, the anniversary of his birth. This brief notice comprises nearly all the authentic information we possess regarding the greatest of dramatic poets, notwithstanding his death occurred little more than two centuries ago! "No letter of his writing; no record of his conversation; no character of him, drawn with any fulness by a contemporary, can be produced." (Hallasse.) The house in which the great poet was born, in Henley Street, is still standing; and is the resort of all visiters to the town. It has, however, been converted into two houses, and otherwise much altered. The house in which Shakspeare passed the latter years of his life was, to the diagrace of those concerned, demoished in 1759; when the famous mulberry-tree he is said to have planted in its garden was also cut down! (Wheter's Stratford-on-Avon; Municipal Boundary Report, 4c.) PRODIN (ATON).

said to have planted in its garden was also cut down! (Wheter's Stradyrd-on-Avon; Musicipal Boundary Report, Ac.) Tell (STONY), a market town and par. of Brighand, co. Bucks, hund. Newport, on the Ouse, which is here the boundary of the co., and is crossed by a stone bridge, 6, m. N.E. Buckingham. Area of par., 70 acres. Pop. in 1841, 1,757. It is built on the line of the ancient Watling Street, and is supposed to occupy the site of the Lactodoruss of the Romans. The houses are mostly of freestone, extending for about 1 m. on either side the road. The parish church was rebuilt in the Gothic style, in 1777: the living, a perpet. curacy, worth 130/l. a year, is in the gift of the Bishop of Lincoln. There are meeting-houses for various dissenters, national and Sunday schools, a society for apprenticing children, &c. At an inn this town, the person of the young king Edward V. was selsed, and Grey and Vaughan arrested by Richard duke of Gloucester. The only manufacture is that of lace; but the inhab. have some trade in corn. Markets, which are well supplied with provisions, are held on Fridays: fairs, 2ist Aug., and Friday before 10th Oct., for hiring servants; and 12th Nov. for cattle.

STROUD, a part, bor., market.town, and par. of England, co. Gloucester, hund. Bisley, on the Slade or Stroud-water, near its junction with the Frome, 9 m. 8. Gloucester. Area of par., 3,990 acres. Pop., in 1831, 8,697; in 1841, 8,698. The part; bor., however, is not confined to the town, but includes the whole clothing district, of which it may be regarded as the centre, comprising about 14 parishes. Pop., in 1841, 3,668. The part; bor. however, it has its may be regarded as the centre, comprising about a parishes. Pop., in 1841, 8,698. The part; bor, however is not confined to the town, but includes the whole clothing district, of which it may be regarded as the centre, comprising about 14 parishes. Pop., in 1841, 8,698. The part; bor, however is not confined to the town of the houses are built on the hills on streams in deep ravin

(in many cases either wood or common, with few inhab.) and the valleys studded with houses and thickly peopled."

(Parl. Bound. Report.)

Stroud stands on the side of a hill, and consists chiefly

(Parl. Bound. Reporl.)

Stroud stands on the side of a hill, and consists chiefly of a long street, crossed by another at its base: the houses are good, and the streets well paved and lighted. The parish church, a large edifice, has a tower with an octangular steeple at its W. end. The living, a perpetual curacy, worth 132L a year, is in the gift of the Bishop of Glorecster. There are places of worship for Baptists, Independents, Wesleyans, &c.; and several charities for educating poor children, and giving relief to the poor.

Stroud, and the district of which it is the centre, owes much of its prosperity to the Stroud-water, which is not only made available for the working of machinery, but is said to be peculiarly adapted to the dyeing of scarlet and other colours. The clothing trade has, in consequence, extended itself principally along the banks of the river, on which there are numerous falling-mills, &c. In 1838, there were 14 mills in Stroud par., about half impelled by water and half by steam, which employed together 1,299 workpeople. (Mills and Factories Rep.)

The prosperity of the town and district depends, of course, upon the state of the clothing trade, and partakes

The prosperity of the town and district suppression, course, upon the state of the clothing trade, and partakes of the fluctuations incident to the latter. Power-looms have begun to be introduced into the manufacture, but

demy, a Magyar theatre, &c.; with manufactures of woollen cloth, fiannel, soap, and leather. (Austr. Nat.

demy, a Magyar theatre, &c.; with manuactures of woollen cloth, famuel, soap, and leather. Austr. Nat. Excyclop., &c.)

STUTTGARD, a city of S. Germany, cap. of the kingdom of Wirtemburg; on the Nesen, a small tributary of the Neckar, about 1½ m. from its embouchure in that river, 38 m. S. E. by E. Carlarube, and 120 m. N. W. Munich Lat. (of the gymnasium) 489 467 32" N.; long. 99 107 48" E. Pop., including some suburban villages, about 38,500. (Berghaus.) It is situated in an amphitheatre of fertile hills; and having been, for the most part, laid out during the present century, is one of the cleanest and handsomest towns of Germany.

"The approach of Stuttgard is exceedingly pretty. The road passes through an avenue of loty poplars, and you enter the broad and handsome Neckar Strasse, without encountering any of those disagreeable or vulgar appearances that frequently distinguish the suburbs of a capital. The city may be said to stand in the centre of a garden: on every side it is surrounded by vineyards and orchards. In the ancient part of the town, the streets are narrow and crooked; but in the modern, they are broad and handsome. The court and the nitear, with the other necessary concountants of a capital. they are broad and handsome. The court and the inlitary, with the other necessary concomitants of a capital, give it rather a lively air; and there is usually a great bustle in the streets." (Strang's Germany in 1831, it. 394.) Other travellers say that it is very dull, presenting little to interest a stranger; and that, like most other capitals of petty states, it has a parade of importance, to which it is really not entitled. It has also been evidently a mistake to plant the city on the dirty and stagnant Nesen, instead of the Neckar, a fine marigable stream, which might have opened for it a considerable traffic to and from the Rhine. And from being placed in a deep hollow, it is in winter, according to Spencer, enveloped in mists and fogs, while in summer it is unhealthy from malaria. (Germany and the Germany, if 387.)

Spencer, enveloped in mists and fogs, while in summer it is unhealthy from malaria. (Germany and the Germans, ii. 337.)

The new royal palace has the advantage, if such it be, of being situated both in town and country; opening on one side into a fine park, and on the other into a spacious equare, planted with trees and fronting the Königs Sirasse, or King's Street, the finest in the city. The palace is an imposing freestone edifice, begun in 1746, and completed by the late king. It has a centre and two projecting wings; the whole forming, like Backingham Palace, three sides of a square. The parapets are decorated with handsome statues; but the roof immediately above the grand entrance is surmounted, we cannot say adorned, with a large gilt crown, cubion, &c. The same had taste does not prevail in the interior, though even there ostentation and costliness are every where visible. (Assissme near the Rhèsse, p. 316.) There are a vast number of apartments, and several are fitted up with the plante contains many good Flemish paintings and sculptures by Danekker and Canova. In the same public square in which the new palace is situated are the old palace and the theatre. The former, now occupied by the officers of the court or government, has the aspect of a feudal fortress; and behind it is a Gothic church, in which are monuments of the Dukee of Wirtenberg. The theatter is merely a wooden building; but it has assually a good company.

Some other buildings are worthy of notice; as the pe-

which are monuments of the Dukes of Wirtemberg. The theatre is merely a wooden building; but it has smally a good company.

Some other buildings are worthy of notice; as the palaces of other members of the royal family, the Stände-Assa, or chamber of the parliament of Wirtemberg, to the debates and divisions of which the public are always admitted; the city county-house, chancery court, new harracks, post-office, royal and city schools, large hospital, workhouse, royal stud-house, adjoining the palace with an extensive situd of fine horses, royal stables, and riding-school, &c. Stuttgard has 6 Lutheran churches, as Calvinite and a Rom. Cath. church, and a synagogue. The public library, open daily from 9 to 12, and from 3 to 5, a very large and valuable collection, comprises from 170,000 to 180,000 vols., including a magnificent collection of Bibles. The museum of natural history comprises a remarkable collection of fossis found at Kannstadt. There are royal cabinets of medals, antiquities, models, mags, charts, &c., and many private libraries and collection or Dreeden, to be considered a seat of the fine arts, Stuttgard has been distinguished as the birth-place or residence of several of the most eminent German literati and artists; as Schiller, Danekker, Mennel, long the editor of the Litteratur-Riatt, Baron Cotta, the famous publisher, &c. Many of Danneker's finest works are in this city, and here Schiller wrote his Robbers. Stuttgard is an industrious town, though unfavourably situated for trade. Cotta's publishing establishment is one of the most extensive on the Continent. Next to printing and bookbinding, the weaving of woollen and cotton goods, and the making optical, mathematical, and musical instruments, are the chief branches of manufacturing industry. Some agreeable effervescing wine is

SUEZ, a town and sea-port of Egypt, near the N. extremity of the guiph of its own name, which is also the N. W. angle of the Red See, 76 m. E. Cairo; lat. 29° 59' 10" N., long. 30° 15' 5" E. Pop. recently estimated at only 1,500; but this must be independent of the numerous pilgrims and merchants, who are continually passing through the town, Sues being on the main route between Cairo and Mecca, and on that by which the commerce of SUFFOLK.

Egypt with the countries to the eastward is carried on. The head of the gulph on which it stands has always been the seat of a considerable transit trade, and the anciest cities of Arsince and Kolsum stood in the neighbourhood; but Seet is a comparatively modern as well as a very mean town. Turner says, "Take it for all in all, Sues is indisputably the most miserable place! have seen in the Levant. Its only gate is to the N.W.: three cannon are mounted near it, and there are eight more on the banks of the see. In its present state, 50 men could take it with ease. Sues produces nothing, being on all sides surrounded by the desert. The clothes, and even the provisions, of the inbabs. are all brought from Cairo, to the last loaf. Frequent caravans come from Jaffa and Jerusalem, bringing oil, tobacco, and soap." (Twent's Levans, ii. 414, 415.) It suffered much from the French, by whom it was in great part destroyed; and it now consists merely of sun-dried brick houses and unpaved atreats, with about a dozen mesques, a Greek church, custom-house, &c.; the whole surrounded by a ruined wall and some entrenchments thrown up by the French. It is wholly destitute of water, which is brought to it by the Arabe from wells several miles distant, and, besides being high-priced, is of a nauseous description. The port is accessible only by boats of from 30 to 60 tons. Steamers and other vessels belonging to the E. I. Company moor cutside a sand bar at a distance of 2 m. from the town. But since the establishment of what has been called the over-land route to India, Suez has become a place of considerable importance, and is now the residence of an over-land route to India, Sues has become a place of con-siderable importance, and is now the residence of an agent for the E. I. Company, and of several commercial

But since the establishment of what has been called the over-land route to India, Such has become a place of considerable importance, and is now the residence of an agent for the E. I. Company, and of several commercial agents.

The Gulph of Suez, which at low water is in many parts so shallow as to be fordable, is memorable in Baered History as the scene of the submersion of Pharaoh and his host. The isthmus of Suez, connecting Asia and Africa, is a sandy waste, between 70 and 80 m. across. Near Suez may still be seen the vestiges of the canal cut by Pharaoh Necho and Ptolemy Philadelphus, to units the Red Sea with the Nile. (Turner's Levesse; Dici. Géog.; Private laformation, \$c.)

SUFFOLK, a marit. co. of England, having N. the co. Norfolk, E. the German Ocean, S. Essex, and W. Cambridge. Area, 569,600 acres, of which about 820,000 are supposed to be arable, meadow, and pasture. Surface generally flat. Soil various; that of the middle and most extensive district consists principally of a strong loam, on a clay-marl bottom. The district, bounded by the rivers Stour, Orwell, and Brett, S. from Burstall, is a very rich loam, of extraordinary fertility. The maritime district, lying along the E. canat, consists of sandy loam and sand, which in some places is covered with heath. The soil in the N. W. parts is comparatively poor, consisting partly of sand and partly of peat. On the whole, Suffolk is not inferior, in respect of natural fertility, to any co. In the kingdom. The climate is dry; but frosts are severe, and in spring the N. E. winds are sharp and prevalent. Tillage husbandry is prosecuted with great skill, spirit, and success. Ploughing, in every part of the co., is performed, as in Scotland, by a pair of horses driven by the ploughman, and is extremely well executed. Fallowing is uniformly practised on the heavy lands. These, also, are particularly adapted for the growth of beans, which, as well as peas, are extensively cultivated. Turnips not so extensively grown as in Norfolk, being principally raised

SUMAIKA. 733
able yeomen, who cultivate their own estates. Farms
generally large, but many small. They are usually let on
lesse for 7 or 14 years. Tenants mostly restrained from
exceeding 3 eorn crops to a fallow; but, in other respects,
they are left pretty much at liberty. Farm buildings indifferent. Cottages generally bad. Average rent of
land, in 1843, 23s. 8d. an acre. Minerals of no importance. This co. was formerly celebrated for its manufactures, particularly those of wool; but they are now
much decayed. Mixed silks and worsted stuffs are still,
however, manufactured at Sudbury, Gainsford, and other
places. Gun-fiints are made in large quantities at Brandon. There is a considerable manufacture of stays at
lpwich.

factures, particularly those of wool; but they are now much decayed. Mixed silks and worsted stuffs are still, however, manufactured at Sudbury, Gainsford, and other places. Gun-finits are made in large quantities at Brandon. There is a considerable manufacture of stays at Jawich.

Bustolk is well watered, being intersected by the rivers Orwell, Deben, Ald, Blythe, and Lach. It is separated from Essex by the Stour. Suffolk is divided into 21 hunds., and 510 pars. It returns 11 mems to the H. of C.; vis., 4 for the co., 2 such for the bor. of Bury St. Edmunds, Ipswich, and Sudbury; and I for the bor. of Bye and conliguous pars. Registered electors for the co., in 1849 50, 10,330, viz. 6,381 for the E., and 4,545 for the W. div. In 1841, Suffolk had 64,041 inhab. houses, and 316,0773 inhab., of whom 154,059 were males, and 160,578 females. Sum expended for the relief of the poor in 1848-9, 145,2871. Annual value of real property in 1845, 1,157,3004.; do. in 1843, 1,717,3294.

SUMATRA, the most W. island of the E. archipalago, and, next to Borneo, the largest in the E. seas, between lat. 6° N. and 4° S., and the 96th and 106th degs. of E. long., separated on the N.E. from the Malay peninsula by the Straits of Malacca, and on the S.E. from Java and surrounded on nearly all other sides by the Indian Ocean. Its direction is from N.W. to S.E., nearly parallel to the Malay peninsula, it being divided by the equator into two nearly equal portions. It is of an elongated shape, about 1,000 m. in length, and has an area variously estimated at from 122,000 to 123,000 sq. m. Its population is nearly unknown; but it has been estimated, by the best authorities, at about 2,000,000. Various months of the siland is, in fact, almost wholly low, Eat, and intersected by numerous rivers. Some of these, as the Palembarg, Jambi, Indragiri, and Slak rivers, are of considerable size, but they have been hitherto little explored by European. The W. side of the island is also well supplied with water; and in the interior are numerous small

duces, under different circumstances, camphor, oil, or pitch, which are found in cavities of the trunk, not ex-tending the whole length of the tree, but in small por-tions of 1 and 1½ ft. long at certain distances. "The tions of I and I it. long at certain distances. "The method of discovering the camphor is, by making a deep incision with a Malay axe, till the camphor is seen: hundreds of trees may be thus mutilated before the sought-for tree is discovered: when attained, it is felled and cut in junks, a fathom long, which are again split, and the camphor is found in the heart, occupying a space of the thickness of a man's arm. The produce of antidline sized tree is about 8 Change exities or nearly space of the fluckness of a man's arm. The produce of a middling-sized tree is about 8 Chiases cattles, or nearly 11 lbs.; and of a large one, double the quantity. (Rootsingh in Asiat. Researches, xii.) Rice is the principal species of grain. It is of very different varieties, comprised in the two great classes of upland and low-land, the former being considered the best. The land destined for its culture is chosen at the approach of the dry season; and as fresh ground is frequently cleared for the purpose, the wanton destruction of fine timber is immense. The rice is sown as the beginning of the rains, and ripens in about five months from that time. The same not of low ground is, for the most bart used rains, and ripens in about five months from that time. The same spot of low ground is, for the most part, used without intermission for several years, the degree of culture bestowed by turning up the soil, and the over-flowing water, preserving its fertility. Fallows occur occasionally; but as occupancy in most parts of Sumatra gives the right of property in the land, they are not very frequent.

requent.
The sawahs, or fields adapted for rice in low and wet frequent. The sawaks, or fields adapted for rice in low and wet situations, are prepared by turning into them a number of buffalces; or in parts where it is less permanently moist, the soil is turned up either with a wooden instrument between a hoe and a pickaxe, or with a plough. While the aswaks are in preparation, a small, adjacent, and convenient spot of good soil is chosen, in which the seed grain is sown as thick as it can well lie on the ground; and after having grown to the height of several inches, it is taken up, in showery weather, and transplanted to the aswak, where holes are made, four or five inches asunder, or receive the plants. To the minute care thus bestowed upon the latter, Marsdem attributes the large proportion of produce obtained, which, he says, averages 100, and is sometimes as high even as 140 fold! (Marsden's Susattra, p. 77.) A singular method is adopted for separating the grain from the ear. The bunches of paddy are spread on mats, and the Sumatrans rub out the grain moder their feet, supporting themselves for the more easy performance of this labour by holding with their hands a bamboo, placed horizontally over their heads. As an article of trade, Sumatran rice seems to be of a more periahable nature than that of most countries, the upland rice not being expected to keep longer than 12 months, and the level of decay after 6. Saces is periahable nature than that of most countries, the upland rice not being expected to keep longer than 12 months, and the lowland showing signs of decay after 6. Sage is common in Sumatra, and is used occasionally as food, though not an article of general use. Millet is cultivated, but in no great quantity. The occoa-nut, betel, bamboo, sugar-cane, various palms, and an abundance of tropical fruits, are indigenous. The sugar-cane is cultivated not for the manufacture of sugar, but for the sake of chewing the juicy reed; and hemp, instead of being used for the supply of materials for cordage, furnishes an intoxicating preparation. Turmeric, ginger, cassia, indigo, coffee, caoutchouc, rattans, many scented woods, and in the N. benzoin, are among the other principal kinds of produce. cipal kinds of produce.

sipal kinds of produce.

Buffaloes are the most important live stock; the ox
does not appear to be naturalised. The breed of horses is
small, but well-made and hardy; sheep also are small.
The hog and goat are both domestic and wild. Elephants. small, but well-made and hardy; sheep also are small. The hog and goat are both domestic and wild. Kiephants, and many species of deer, abound; and tigers of a large and powerful species, the rhinoceroe, hippopotamus, orang-outang, bears, ac. are met with, besides other animals in great variety. Around the shores extensive coral islands are continually forming; and coral is one of the principal articles of export, the other exports being pepper, rice, camphor, and other native products. The imports are chiefly indian piece goods, sait, silks, and opium, from Hindostan; coarse porcelain, iron panagoid thread, and many small articles, from China; striped cottons, spices, krises, and other weapons, from Java, Celebes, and the rest of the archipelago; metals, hardware, cutlery, and broad cloths from Burope.

According to native traditions, Sumatra and the adjacent islands have been the original seat of the Malay race; the type of which is certainly there met with in its greatest perfection. Except the Achinese, inhabiting the N. extremity of the island, and whose commixture with the Moors of Western India has distinguished them from the other tribes, the Sumatrans, according to Maraden, may generally be described as follows:—"They are rather below the middle stature; their bulk is in proportion; their limbs are for the most part alight, but well shaped, and particularly small at the wrist and ankless. Upon the whole they are gracefully formed, and I asarcely recollect ever to have seen one deformed person.

ATRA.

Stateming the noses and compressing the heads of children newly born whilst the skull is yet cartilaginous. They likewise pull out the ears of instate to make them stand at an angle from the head. Their yets are undformly dark and clear, and among some, especially the southern women, bear a strong resemblance to those of the Chinese. Their hair is strong, and of a shining black, the improvement of both which qualities it probably owes, in a great measure, to the early and constant use of coco-aut oil. The men are beardless, and have chins so remarkably smooth, that, were it not for the priest displaying a little tuft, we should be apt to conclude that nature had refused them this token of manhood. But the bors, as they approach to the age of puberty, rub their chins, upper lips, &c. with quick lime, and the few hairs which afterwards appear are plucked out freus time to time with tweesers, which they always carry aboust them for that purpose. Their complexion is properly yellow, wanting the red tinge that constitutes a taway or copper colour. They are, in general, lighter than the half-breed of the rest of India; those of the superior class, and particularly their women of rank, approaching to a great degree of fairness." (p. 44—6). No negro or other distinct race appears to occupy the mountainous regions, as in other parts of the archipelago; and the personal difference between the Malays of the coast and the country inhabs. is so little marked, that it requires some experience to distinguish the two. (Marsden, p. 49.)

The original clothing of the Sumairans is the same with that found by navigators among the inhabs. of the South Sea Islands; consisting of the inner bark of a tree, peaten out to the degree of fineness required, some fabrics being nearly equal in softness to the most delicate in some such in some such in the original clothing of the sumairans is the same with that found by navigators among the inhabs. of the South Sea Islands; consisting of the inner bark of a tree, peaten out to the deg

The villages are always on the banks of some river or lake, and consist of houses built chiefly of bumboo, and on posts, as in other countries of S.E. Asia. They are, however, much superior to those constructed among many other Ultra-Gangetic nations. Their furniture is very simple, consisting, in the best kind of houses, chiefly very simple, consisting, in the best kind of houses, chiesy of mats of a fine texture, serving for beds, some low tables, coarse earthenware, brass waiters, and iron pana. In eating, neither knives, spoons, nor any substitutes for them, are used. The diet of the Sumatrans is mostly vegetable, but they eat the fiesh of buffaloes, goats, fowls, &c., curried or otherwise dressed. In a few species of manufacture the Sumatrans exhibit great skill; such as in working gold and silver filigree. This art, described by Mareden (pp. 179, 180.), is conducted with the rudest tools. The wire-drawing instrument is made of a pieces of iron hoop; "an old hammer head, stuck in a block, serves for an anvil; and I have seen a pair of compasses composed of two old nails tied together at one end. In general, they use no bellows, but blow the fire with their mouths, through a joint of bamboo; and, if the quantity of metal to be melted is considerable, three or four persons sit round their furnace, which is set old broken kwait, or iron pot, and blow together." (P. 179.) Yet the manufactured material is celebrated for fix delicacy and beauty, not only throughout the E., but ins Europe. They weare silk and cotton cloths for home consumption; and some of their work is very fine, and the patterns prettily fancied. Different kinds of earthenware, krizes, and fire-arms are made; and it is said that formerly cannons were cast at Achin. Little skill is, however, commonly shown in forging iron, or in carpenters' work. The Sumatrans are wholly strangers to painting and drawing; their carvings are always groceque; and their proficiency in the exact sciences is very flinited. Medicine is in the lowest state, being entrusted to old people, who, in a great measure, depend on charms and and tallismans for the cure of diseases! The Sumatrans are fond of music, and have many musical natruments, though most part of these have been borrowed from the Chinese. Their poetry is by no means contemptible, and is much favoured in point of harmony by the Malay of mats of a fine texture, serving for beds, some los tables, coarse earthenware, brass waiters, and iron pan

SUNDERLAND.

which the passerum, or feudal superior, presides. These pesserums claim despotic sway; but, like the dupatis, have, in fact, little more than a patriarchal and judicial power; they levy no tax, nor seem to have any revenue, other than accrues from their determination of cases referred to them in appeal from the decisions of the dupatis. And in the immediate neighbourhood of the more powerful states, the pangerum seem to acknowledge a kind of vassalage to the sovereigns of the latter. The Rejangs are said to be totally without religious worship of any kind, though not destitute of a bellef in supernatural beings. A large proportion of the inhabs of Sumatra ere, however, Mohammedans.

Sumatra was first visited by the Portuguese in 1509, by the Dutch in 1600, and by the English two years arterwards. The latter continued to establish factories and form settlements in the island, during the 17th century; but principally in 1683-86. These settlements were retained by the British till 1825, when they were ceded to the Dutch in exchange for Malacca, &c. (Maraden's Sumatra, 3rd ed. 1811, the most copious and by far the best work on the subject.).

SUNDERLAND, a part, and mun, bor, sea-port, and men of England being. Newcastle only excented.

the best work on the subject.) SUNDERLAND, a parl. and mun. bor., sea-port, and par. of England, being, Newcastle only excepted, the greatest port in the kingdom for the shipment of coal, co. Durham, ward Easington, on both sides the Wear, close to its mouth in the North Ses, 13 m. N. E. Durham, with which city it is connected by a railway, and 345 m. N. W. London; lat. (of light-house) 549 55/ 12' N., long, 10' 21' 16' W. Area of Sunderland par., 130 acres. Pop. of do., in 1841, 17,022. But the parl. bor. comprises, along with Sunderland, the townships of Bishop-Wearmouth and B.-W. Pans on the S. side of the Wear, and those of Monk. Wearmouth, M.-W. Shore, and Southwick, on its N. side; the whole including an area of 5,095 acres, and a pop., in 1841, of 52,818.

"Sunderland and Bishop-Wearmouth, on the S. side of the river, at no distant time, were two distinct towns, of the river, at no distant time, were two distinct towns, at a considerable distance from each other. All the houses in Sunderland appear to be of considerable age; but in Bishop-Wearmouth the intervening space has been gradually curtailed, and at last filled up by buildings, so that at present the two form only one town. With the exception of one street, in which there are some respectable houses and shops, Sunderland presents the appearance of one mass of small houses crowded together, with intestices of nervow lanes rather than streets. apectable houses and shops, Sunderland presents the appearance of one mass of small house crowded together, with interstices of narrow lanes rather than streets. The population in them is so dense as to give the appearance of unhealthiness as well as absence of cleaniness. This is not the case in Bishep-Wearmouth; in the new part of the town that adjoins Sunderland, there are some good streets, and excellent houses, and it is in this part that the higher classes of inhabitants reside. This town is increasing rapidly; several new streets have been recently built, and others are in course of building. Bishop-Wearmouth Pans is a small district running along the bank of the river from the parish of Sunderland to nearly as far as the bridge. Its popis very dense; it contains some glass manufactories and iron works for the manufacture of such articles as are required for the shipping. Monk-Wearmouth Shore is a large township immediately opposite Sunderland, and part of Bishop-Wearmouth, and has a dense pop, with but few houses or inhabs, of the higher classes. Adjoining Monk-Wearmouth Shore on the W., and extending for some distance along the river, is Southwick. In it are some coal pits and a railway: the greater part of the township, however, is agricultural, and contains very little trading population. Monk-Wearmouth lies to the N. of Monk-Wearmouth Shore, and does not come down upon the river. Its population is almost entirely connected with the trade of the port. The only

lies to the N. of Monk. Wearmouth Shore, and does not come down upon the river. Its population is almost entirely connected with the trade of the port. The only carriage communication between the portions of the town on the opposite sides of the river is by the bridge, on passing which, from the right to the left bank, a toll is taken." (Mess. Corp. Rep.)

The cast-iron bridge, now alluded to, over the Wear, is the most remarkable object in this part of the co. It was constructed between 1793 and 1799, at an expense of about 33,4004, and consists of one magnificent arch, 236 ft. in span, elevated in the centre above 100 ft. above high-water mark, so that large ships sail under it by merely lowering their top-masts. It was disposed of, in 1816, by a lottery of 6,000 tickets, at a price of 30,0004.

The parish church of Sunderland is large and handsome; its E, end is particularly elegant, the altar being placed in a circular recess under a dome. St. John's chapel-of-case, built in 1769, is aperpetual curacy. Bishop-Wearmouth church has an ancient chancel, and an early decorated E, window, but the rest is modern. The living, availuable rectory, worth 3,0004, a year, has recently been directed. Money Wearmouth and nearly all occorated s. window, but the rest is modern. The living, avaluable rectory, worth 3,000t, a year, has recently been divided. Monk-Wearmouth church has had nearly all its ancient features obliterated by modern alterations, though it still possesses a rude Norman tower, &c. There are numerous places of worship for Dissenters

in the town and vicinity, including a synagogue. The exchange, a neat edifice in the High Street, erected in 1814, at a cost of 8,000L, comprises commercial, news and court rooms, an action mart, &c. The theatre, assembly rooms, barracks, custom-house, and excise office, are among the chief public buildings. The town has a subscription library, a mechanics' institute, at which lectures are delivered, and several other literary institute. lectures are delivered, and several other literary institu-tions. A school, founded and endowed in 1778, educates and clothes 36 poor girls, and it has, also, national, friends', and various interior schools. A large infirmary occupies a building raised in 1822; and an almshouse for 10 widows or daughters of matter nariners, was founded and endowed in 1820. There are numerous other alms-houses and charities of different kinds. The town is lighted with gas, and well supplied with water. The port, immediately within the river's mouth, is formed by two grand piers, each shout 40 yards in length, which project one from the S. and one from the N. aide of the river into the German Ocean. At the

length, which project one from the S. and one from the N. side of the river into the German Ocean. At the extremity of the N. pier is a lighthouse, having the lantern elevated 73 ft. above the sea at high water; there is, also, a harbour light on the S. pier, which shows during ebb and ½ flood. At aprings there is from 15 to 17 ft. water over the bar, and at neaps from 16 to 12 ft.; the channel is close by the N. pier head. A dock of 6 acres in extent, with a basin, was constructed, in 1838, on the N. side of the river; but, owing to the collieries being mostly on fit S. side, this dock has not been so useful as had been anticipated; and the river continued to ful as had been anticipated; and the river continued to be crowded with ships, which at ebb tides were exposed be crowded with ships, which at ebb lides were exposed to the risk of danger from grounding. To obviate these inconveniences, a new dock, 275 acres in extent, has been recently constructed. It has a tidal basin at each end, one opening into the river at the town, and the other into the sea at Hendon Bay, about 1 m. S. E. from the town. This dock will be of the greatest advantage to the trade of the port. It is extremely convenient for the shipment of coal; and while it admits loaded vessels of much greater burden than could come into the port, it affords them because it is southern entrance, additional facilities. greater burden than come come more port, it and the them, by means of its southern entrance, additional faci-lities of ingress and egress. The site of this new dock was principally gained from the sea; and it has been executed at a comparatively moderate cost. (Appendix to Second Report of Tidal Harbours' Commission, p. 356, &c.)

356, &c.)

The staple businesses of the town are the building of ships and the shipment of coal. The former is carried on to a greater extent here than any where else in the kingdom. In 1849, for example, there were built in Sunderland no fewer than 155 ships of the aggregate burden of 44,333 tons, being a greater number of ships and a greater amount of tonoage than had been built in any single year since 1840. In the following year (1850), there belonged to the port 954 ships, of the aggregate burden of 199,331 tons, forming a larger mercantile navy than belongs to any other port of the United aggregate burden of 199,931 tons, forming a larger mer-centile navy than belongs to any other port of the United Kingdom, London, Liverpool, and Newcastle only ex-cepted. In 1849, 1,171,215 tons of coal were shipped coastwise from this port, and 477,280 tons were ex-ported to foreign countries. In that year, Sunderland supplied the metropolis with 3,371 cargoes, amounting to 927,314 tons of coal. Sail-cloth, chain cables, glass and earthenware, are also extensively manufactured in the town; and these, with time, arthostones, wrought marbla. earthenware, are also extensively manufactured in the town; and these, with lime, grindstones, wrought marble, &c., constitute, next to coal, the principal articles of export. The gross customs duties amounted, in 1846, to 68,808. The adjacent village of Deptford, on the Wear, has a large rope-factory wrought by steam. The Sanderland Joint Stock Banking Company was established here in 1836; and it has also a branch of the Newcastle, Shields, and Sunderland Bank, with several private establishments. Two weekly newspapers are bblished in the town.

Under the Municipal Reform Act, the bor. is divided into 7 wards, and is governed by a mayor, 13 other alder-men, and 42 councillors. Sunderland had no voice in the legislature till the Reform Act conferred on it the im-portant privilege of sending 2 mems. to the H. of C. legislature tili the residua as per legislature tili the residua as per legislature tili the Reg. electors, in 1849-50, 1,728. Corp. rev. in 1847-48, 4,3267. It has a commission of the peace; a county, before which 1,501 plaints were entered in 1848; and weekly sessions are held, besides courts leet and baronial by the Bishop of Durham. Market-day, Saturday, and for cattle every other Tuesday. Fairs, May 11, and 12, Oct. 12, and 13, for cattle, &c. This was the first town in England attacked by cholera in 1832. (Parl. Reports, and original returns obtained for this work.)

SUPERIOR (LAKE), the most westerly and most ex SUPERIOR (LAKE), the most westerly and most ex-tensive of the great lakes of the St. Lawrence basin, in N. America, being probably the largest existing body of fresh water. It is of a triangular form, extending between lak-46° 30′ and 49° N., and long. 80° and 92° 20′ W. Its length, E. to W., is about 360 m., with a mean breadth of about 50 m., so that its area may be taken at about 28,800 sq. m.* Its mean depth is estimated at 900 ft., and the height of its surface at about 660 ft. above the Atlantic. It receives upwards of 60 rivers, but none is of much importance except the St. Louis, which enters at its S.W. extremity, and the Rivière au Grand Portage. During the meiting of the snow, these and the other rivers sweep into the lake vast quantities of sand, boulder stones, and drift timber. It discharges itself at its E. extremity into Lakes Huron and Michigan, by the river and falls of St. Mary. "This lake embosoms many large and well-wooded islands; the chief of which is lisle Royal. The country on the N. and E. is represented as a mountainous embankment of reck, from 200 to 1,500 ft. in height; the climate unfavourable, and the vegetation slow and scanty. Upon the S. the land is also high, generally sandy, sterile, and the coast dangerous; subject to storms and sudden transitions of temperature, and to fogs and mists. The mean heat in June and July is about 650 Fah; but a frightful winter prevails for nine months of the year. The Chippeway Indians inhabiting the shores are poor and miserable, depending for subsistence chiedy upon the fish of the lake, and the wild rice of the adjacent asvannaha." (New York Gaz.) But, notwithstanding these unfavourable circumstances, the harbours of Grand Isle and Chegoimagon Bay, on the S. coast, are excellent; and the lake is now marigated by steam-boats and sailing vessels equal to the craft navigating the lower lakes. (See slace Except. of Gog., Amer. edit.; Darby's Geographical Views, &c.)

SURAT.

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The Hudson's Bay Company have several stations round the coasts of this lake. (See also Except. of Gog., Amer. edit.; Darby's Geographical Views, &c.)

SURAT.

SURAT.

Surad. Servessoon.

The Streets, also, are narrow and irregular. Surat has an English church and an English church and an English chort, formed by the Taptee, having, near its centre, a small castle garrisoned by a few sepoys and European. On other addes the to

I. Gax.)

Surat had iormerly a large trade in all kinds of eastern produce; but this has greatly declined, and its exports consist at present (1842) principally of cotton wool, which is sent in large quantities to Bombay. Most part of the old manufactures of Surat, except kincobs and shawls, for which there is little demand, have been superseded by those of Great Britain, and the greater number of the native merchants have become poor. Among the traders, however, are numerous Parsees, the descendants of those expelled from Persia by the Mohammedans, who have the reputation of being wealthy. Vessels of 30 or 40 toms may come up to Surat; but those of greater size expensed from Fersia by the monaments. We no nave the reputation of being wealthy. Vessels of 30 or 40 tons may come up to Surat; but those of greater size must lie about 15 m. lower down the river; and few boats larger than the actches in the E. I. Company's

boats larger than the ketches in the E. I. Company's service ever ascend so high as the town.

Surat is the residence of a British collector, judge military commandant, &c., and is the seat of a board of customs, a circuit court, and of the Sudder Adasolet or chief tribunal for the entire presid. of Bombay. It is supposed to be one of the most ancient cities of Hindostan, being mentioned in some of the earliest records. The English &ctory, founded here in 1618, was the first merchantile establishment of the E. I. Company in the Mogul dominions, and continued to be the chief British station in India till Bombay became the seat of supreme authority, in 1687. (Hamilton; Mod. Trav., x. 144—149, &c.)

authority, in 1007. [ASSENCE of BOUNDA (DUTCH).
SURREY, a co. of England, which, though inland, enjoys, from its being skirted on the N. by the Thames, most of the advantages of a maritime co. It has to the N. Middlesex, and a small part of Bucks, from both of which it is separated by the Thames; on the E. it is bounded by Kent, on the S. by Sussex, and on the W. by

Hampshire and Berks. It comprises all that pertion of the metropolita to the S. of the Thames, and is thus, in fact, a metropolita to A. Area, 488,130 acres, of which about 400,000 are arable, meadow, and pasture. With the exception of the Weald, the surface consists of alternases hill and dale. Some of the hills rise to a pretty considerable height, affording highly diversified and beaustiful prospects. The soil comprises every variety, from the richest ioam to the poorest moor. There are three portions, the soils of which are particularly well defined; viz. 1st, the Weald, occupying all the S. part of the co. from Growhurst to Haslamere; 2dly, the sandy loam district, lying between the Weald and the downs; and 2dly, the downs, or chalf and Growing the whole S. acres, and the same of the co. from Growhurst to Haslamere; 2dly, the sandy loam district, the S. acres, and the same and the corner of Hanta, it is reduced to a narrow strip. To the N. E. of the downs, between them and the Thames, there is a great variety of soil, parly consisting of strong dark clay, partie of any consisting of strong dark clay, partie of the co., but especially the former, there are very extensive tracts of heath and moorish ground; and smaller tracts of the same kind are met with in various other places. On the whole, however, the co. may be said to be of an average degree of fertility. Climate good; and, owing to the variety of surface, the abundance of wood, and its contiguity to the metropolis, it is one of the most desirable cox. in England for a residence. A large proportion of Surrey is in tillage; but agriculture, speaking generally, is in a decidedly backward state, and two, or even more, white crops still not unfrequently follows in succession. On the rich friable calcarcoss loams between Croydon and Especial Control of the control of the cont

^{*} These measurements correspond with those of Stevenson (Civil indisorting in North America, p. 5.) and the best maps. Darly makes so area 25,000 sq. m.

SUSSEX, a marit. co. of England, on its S. coast, having N. and N. E. Surrey and Kent; S. and S. E., the English Channel; and W., Hants. Area, 988,240 acres. Surface and soil, very various. A ridge of chalk hills, to which (though in strictness applicable only to a part) the term South Downs is usually applied, runs through the confrom South Harting and Miland Chapel, on the confines of Hants, to Beachy Head, where it terminates in high precipitous cliffs. Their N. declivity is rather steep, but that on the S. is gently sloping. The soil on the South Downs is generally a light harelly mould, on a substratum of loose chalk. On the S. side of this range, along the coast from Emsworth, gradually decreasing to near Brighton, there is a considerable extent of fine, rich, loamy land. To the N. of the S. Downs is the extensive tract called the Weald of Sussex, uniting on the E. with the Weald of Kent, and stretching as far W. as Petworth. The soil of the Weald is similar to that of the Weald of Kent; being, for the most part, a stiff tenacious clay, with occasional sandy and gravelly patches intermixed. It is thickly covered with oak wood; and, when viewed from the South Downs, appears like an immense forest. In the E. parts of the co, in what is called Pevensey Level, and near Winchelsea, are considerable tracts of very fine, deep, marsh land. Climate mild, dry, and early. A large extent of Sussex is under the plough; but husbandry is in a backward condition; and Messrs. Kennedy and Grainger truly state, that no very material improvement need be expected till those pernicious habits, with respect to the letting and entry to farms that prevail here, as well as in Kent and Surrey, be totally changed. (Tenancy of Land. 337.) Crops principally cultivated, wheat, oats, and tetting and entry to farins that prevail here, as well as in Kent and Surrey, be totally changed. (*Tenancy of Land*, i. 337.) Crops principally cultivated, wheat, oats, and barley; and on all the light lands, turnips are extensively barley; and on all the light lands, turnips are extensively grown. Great quantities of hops are raised, particularly in the eastern parts of the country; there being, in 1836, 11,517 acres under this crop. Sussex is deservedly celebrated for its breeds of cattle and sheep; each being about the very best of its kind. The oxen are of a deep red colour, and have tapering turned-up horns; they fatten easily, produce excellent beef, and are not inferior to any other breed in field labour. The greater part of the tillage in the Weald is performed by ox-teams. The native cattle do not, however, answer for the dairy. of the tillage in the Weald is performed by ox-teams. The native cattle do not, however, answer for the dalry. The peculiar breed of sheep belonging to the co. is called the South Down, from its being found in the greatest perfection on the South Down Chalk Hills. The breed is now widely diffused; but owing to the extension of tillage on the Downs, and the increase in the size of the animal, and the weight of the fleece, neither the mutton nor the wool is supposed to be so good as formerly. Total stock of sheen estimated at nearly v90,000.

merly. Total stock of sheep estimated at nearly 900,000. Sussex has been celebrated from the remotest period Sussex has been celebrated from the remotest period for the abundance and excellence of list timber; and in these respects it continues to be decidedly superior to every other English co. Oak is the principal timber of the Weald; but in other parts beech is most prevalent. To the abundance of wood is principally to be ascribed the circumstance of Sussex being formerly distinguished for the number of its iron-works; but since pit-coal began to be generally employed in the smelting and refining of iron, these have been wholly abandoned, as well as those that were formerly established in Kent. Property much divided. Average size of farms in the Weald 100 acres; in the Downs, from 1,200 to 2,000 acres. A great proportion of the farms held by tenants at will; and owing to injurious customs as to entry, a large part A great proportion of the tarms bent by tenants at will; and owing to injurious customs as to entry, a large part of the capital of the tenant is swallowed up in the use-less payments he is compelled to make; so that much of the land is very insufficiently stocked. Offices invariably thatched and weather-boarded. Average rent of land, in 1843, 18s. 25d. an acre. Manufactures of little imin 1843, 18s. 24d. an acre. Manufactures of little importance. Iroustone, fuller's earth, Ilmestone, and sandstone are all met with. The rivers are of no great magnitude. The principal is the Arun. It communicates by a canal with Langport harbour on the W., and with the Wey and the Thames on the N. In the Weald there are several ponds in which freshwater fish are fed for the London markets. Sussex is divided into 6 rapes, and these again into 65 hundreds, and contains 310 parishes. It returns 18 mems. to the H. of C.; viz. 4 for the co.; 2 for the city of Chichester; 2 each for the bors. of Brighton, Lewes, Hastings, and Shoreham; and I each for Arundel, Horsham, Midhurst, and Rye and Winchelsea. Registered electors for the co., in 1849-50, 849, of whom 5,360 were for the E., and 3,289 for the W. division of the co. In 1841 Sussex had 54,009 inhabited houses, and 199,770 inhabitants, of whom 147,504 were males, and 152,149 females. Sum expended 147,604 were males, and 152,149 females. Sun expended on the relief of the poor, in 1848-49, 155,109. Annual value of real property, in 1815, 919,350.; do. in 1843,

1,675,9994.
SUTHERLAND, a marit, co. of Scotland, occupying
the N.W. angle of the country, has on the N. and W.
the Atlantic, E. the co. Caithness, and the Moray Frith,
and S. the Frith of Dornoch, Rois, and Cromarty. Recontains 1,152,640 acres, of which 30,080 are under water. The

aspect of the country is wild, bleak, and, in many parts, savage. The B. shore has a small fringe of good arable land; but the rest of the surface is rugged and mountainous, being, however, interspersed with various narrow straths, or glens, and some considerable lakes and mo-

ous, being, however, interspersed with various narrow straths, or gleus, and some considerable lakes and morasses.

Sutherland, like the other Highland cos., was, till recently, occupied by native tenants, similar in all respects to those of Ross. These, however, have, for the most part, been recently removed either to villages on the coast, or have emigrated; and the lands have been divided into extensive sheep farms, furnished with excellent houses and offices. The native breed of cattle is small, but when crossed by those of Argyle and Skyr, it is said to be equal to any that the Highlands can produce. Galloways, and other varieties, have also been introduced. Owing to the extraordinary extension of sheep farming in this oo., the stock of cattle has been diminished in a still greater degree than in Ross; but sheep being much better suited to the country, the change has been, both locally and in a public point of view, highly advantageous; vast tracts having been, through its means, coupled with a very extensive drainage, rendered considerably productive, that were formerly almost useless. Cheviots are found to thrive remarkably well in almost all parts of Sutherland. About 40,000 sheep and 180,000 fleeces are said to be annually sent to the S. from this co. (Anderson's Highkissds, p. 12.) Four fiths of the co. belong to the Duke of Sutherland, who has expended vast sums in the formation of roads and inns, the building of bridges, plers, farm-houses, and villages, and other expensive and substantial improvements. Since 1811 above 100 m. of road have been made in the co. by the parliamentary commissioners, and above 350 by individual exertion and statute labour! The fringe of arable and along the E. coast has been divided into moderate-sized farms, well inclosed and drained, and presenting as good a specimen of the improved turnip husbandry as is to be found in any part of the island. No where, indeed, in Scotland have improvements been attempted on a greater scale, or prosecuted with more zeal, skill, and suc

shall not undertake to say; but there cannot be a count, that the character and habits of the people, as well as the rural economy of the district, have been signally improved.

Sutherland has three great deer forests; and ptarmigan; grouse, and blackcock, alpine hares, &c., are abundant. Limestone and freestone are met with. Average rent of land in 1843, 7d. an acre. The herring flahery is carried on with spirit and success, both on the N. and W. coasts, but princepally from Helmsdale. Principal rivers, Olckel, Fleet, Bosa, and Helmsdale. It contains 13 pars; but no considerable town. Dornoch, the largest, not having a pop. of 600! Pop. 1841, 24,782. It returns i mem. to the H. of C. Registered electors, in 1849-50, 197. Dornoch unites with Kirkwall, Wick, Tain, Dingwall, and Cromarty, in returning a mem. Valued rent, 26,034.

SUITTON-COLDFIELD, a market town and par. of England, co. Warwick, hund. Hemlingford, on the road from Birmingham to Lichfield, 6 m. N.N.E. Birmingham. Area of par., 13,030 acres. Pop., in 1841, 43,00. The town, on an acclivity, in a bleak situation, consists principally of one long street. Houses good, and the inhabs, well supplied with water. The par. church, an edifice probably of the 13th century, has a statue of Vesey, Blahop of Exeter in the time of Henry VIII., a native and a great benefactor of the town. A flourishing free school, founded by Vesey, and national schools, almshouses, and several other charitable endowments, exist at Sutton. The inhabs. are principally employed in the manufacture of Birmingham goods. The town, which is of great antiquity, was chartered by Henry VIII., under a warden, 10 aldermen, and 2 justices. The corporation had various privileges, which have since become void: petty sessions are, however, still held quarterly. Markets on Monday: fairs, Trinity Monday and Nov. 8., for sheep and cattle.

SWAFFHAM, amarket-cova and par. of England, co. Norfolk, hund. South Greenhoe, 26 m. W. Norwich, Area of par., 8,130 acres. Pop., in 1841, 3,356. The town is fine

Markets, principally for butter, on Saturdays; fairs, May 12th, July 21st, and Nov. 3d, for cattle, sheep, and loys.

SWANSEA, a parl. bor., sea-port, and par. of South Wales, co. Glamorgan, hund. Swansea, on the W. bank of the Tawe, at its mouth in the Bristol Channel, 34 m. W. N. W. Cardiff; lat. 510 37! 12" N., long. 32 95 70" W. Area of par., 2,661 acres. The parl. bor., however, includes also the par. of St. John Lansamlet and the hamlets of Morriston, Clas-Lower, &c., on both sides the river; having a total area of about 5,000 acres, with a pop., in 1801, of 6,831, in 1831, of about 18,890, and, in 1841, of 32,992. The compact portion of the town is about 1 m. in length, Nt. to S., by somewhat more than fm. in average breadth, and consists of three or four parallel lines of thorough fares crossed by numerous others. It is generally clean, and pretty well built, and has been of some reputation as a watering-place. It has an excellent market attended by all the neighbouring district, with a handsome court-house, in which the assises, quarter and petty sessions are held, an infirmary, assembly-rooms, theatre, royal institution for literary and scientific purposes, with a good library and museum; mechanics' institution. 2 reading or newsrooms, savings' bank, poor-house, house of correction, a dorcas and benevolent societies, a society for prosecuting felons, and a branch of the Bank of England. The town is pawed, lighted with gas, and well supplied with water, and has a small police. (Mssr. Corp. Rep.) The par., church is comparatively a modern coffice, with a square tower; the living, a vicarage, worth 2911. a year. There are, also, a synagogue, Rom. Cath. and numerous other dissenting chapels; and on an elevated site near the centre of the town is Swansea Castle, founded in 1099, now partially converted into a barracks and stores. A free-school was founded in the town in heaven and parties founded in 1099, now partially converted into a barracks and stores. A free-school was founded in the town in heaven an and numerous other dissenting chapels; and on an elevated site near the centre of the town is Swansea Castle, founded in 1099, now partially converted into a barracks and stores. A free-school was founded in the town in 1682; but, like many other charities formerly established at Swansea, it has become nearly extinct. (See Charities' Rep. 32. iii.) There are, however, several national and Lancastrian, and numerous private schools. Swansea is highly prosperous and increasing. It owes its importance principally to its collieries, and the extensive works for the smelting of copper and other metals established in its neighbourhood. The latter are upon a very great scale; and in fact, by far the largest part of the copper ore produced in Ireland, Cornwall, and other parts of the U.K., as well as in Cuba, Chill, &c., is brought here for smelting. Swansea has also a very extensive trade in the shipping of coal, having exported 304,807 tons coastwise in 1849, exclusive of 36,538 tons sent to foreign parts. It has also two large potteries. The Tawe at its mouth expands so as to form a harbour, which is protected seaward by two handsome plers: vessels of considerable burden enter at high water, but at ebb tide the harbour nearly dries. But it is intended to obviate this inconvenience by constructing a floating harbour, and it is also intended to unite the town with the hamlet of St. Thomas by a bridge, &c. A light-house is erected on the W. pler, and the Mumbles' Light is about 4 m. S.W. from the port: A canal goes from Swansea to Hennoyadd, in Brecknockshire; and two canals on the opposite bank of the river communicate, one with the adjacent collieries and the other with the harbour of Neath. There is a tram-road to the Mumbles and Oystermouth westward, by which coals are taken out, and lime and limestone brought in; and tram-roads also connect the different works and the canal send wharfs. Exclusive of coal and copper ore, iron ore, limestone, clay, rotten stone, tin plates, and timoter, are brought to Swansea for its eriminal court within the bor. till 1835, but it now has a commission of the peace; and a county court is established here, before which 1,020 plaints were entered in 1848. Corp. revenue, in 1847-8, 4,6164. Swamses was formerly a contributory bor. to Cardiff, the right of voting having been in the burgesses by birth, marriage, or gift, resident or non-resident. It is monoioned with Aberavon, Kenfig, Loughor, and Neath in sending 1 mem. to the H. of C. Registered electors, in 1849-50, for the entire district, 1,525. It is also a politor-place for the co. Markets, Wednesday and Saturday. Fairs, second Saturday in May, July 2., Aug. 16. Oct. 8., and two following Saturdays. (Boundary and Munic. Corp. Reports, and Appendix; Charity Reports, &c.)

8 WRDEN (Seerige), a kingdom of Northern Europe, comprising with Norway and Lapland the whole of the Scandinavian peninsula, of which it forms the Eastern,

public edifices. Swaffham has a free grammar and a public edifices. Swaffham has a free grammar and a national school, and various almshouses, &c. Quarterseasions for the co. are held here at Midsummer, besides annual courts leet and baron, and weekly petty sessions. Markets, principally for butter, on Saturdays; fairs, May 12th, July 2lts, and Nor. 3d, for cattle, sheep, and boys.

SWANSEA, a parl. bor., sea-port, and par. of South Wales, co. Glamorgan, hund. Swanses, on the W. bank of the Tawe, at its mouth in the Bristol Channel, 34 m. W. N. W. Cardiff; lat. 51° 37′ 12″ N., long. 3° 55′ 20″ W. Area of par., 2,661 acres. The parl. bor., however, includes also the par. of St. John Lansamlet and the hamlets of Morriston, Clas-Lower, &c., on both sides the river; having a total area of about 5,000 acres, with a pop., in 1801 of 6.831, in 1831. of about 18.890, and, in 1841, of 22.992.

Regions and Lans.	Area in Eng. eq. m.	Pop. in 1546.	Regions and Lans.	Area in Eng. sq. m.	Pop. in 1816.
Nerland: -	33,090	50,590	Gataland : Junkoping -		156,989
Umea	29,435	60,651	Kalmar -	4,414	196,1 W
Hernosand -	9,516	93,775	Halmstadt .	1,900	100,419
Catersund .	19,518	49,077	Wishr -	4,500	21/0/21/2
Gefle -	7,542	119,175	(Gothland)	1,263	45,358
Smeden prop. :			Wexio -	5,793	229,286
Pahlun -	12,282	145,333	Christian -	-1.25	-
Carlstadt -	6,937	209,596	stadt -	2,439	177,747
Orebro -	3,270	131,722	Carlactona -	1,137	106,343
Westeras .	2,645	94,850	Malmo .	1,456	234,207
pal .	2,092	87,709	The lakes	1	
tockholm -	2,916	201,552	Wener,		
ykoping .	2,512	118,664	Wetter,	3,612	
Gataland:	0.000	Late and	Meelar,	SOL	
Linkoplag -	4,270	214.628	Hjelmar,		
Mariestadt .	5,385	189,106	dec.	-	
Gottenburg -	1,908	176,696	W	100 414	A
Wernersborg	5,045	233,125	Total -	170,715	3,316,000

Topography, Mountains, &c.—The Scandinavian peninsula rises gradually from the W. coast of the Balticuntil it reaches its greatest elevation in the great mountain chain, usually called the Scandinavian Alps. or Doffrine hills, dividing Sweden and Norway. This chain extends from the Sylt-fiell in about 63° N. lat. and 19° E. long. to the N. Cape, in the general direction of N. N. E. and 3. S. W. it differs from the Alps and Pyrenees in not being a continued chain of summits, but a succession of large plateaux from 20 m. to 30 m. across, from which the culiminating points project. The Sylt. fiell, the loftiest point on the Swedish frontier, is 6,552 ft. above the level of the sea. The other principal peaks belonging to the same chain are the Sulitelma 6,342 ft., and the Saulo 5,695 ft. in height. The Helags, within the frontier, has an elevation of 6,100 ft.

Speaking generally, Sweden may be said to be a flat country. There are, indeed, some ranges of high grounds and detached hills, but, on the whole, it is wonderfully level. This is so strikingly the case, that all the way from Gottenburg to Stockholm, by the Orebro road, there is not a single hill or declivity till within a few miles of the capital. (Thomson's Travels, p. 293.)

According to Forsell, 1-12th part of the surface of Sweden is 1,900 ft., more than 2-5ths 760 ft., and 7-10ths 285 ft. above the level of the Baltic. The remainder, consisting chiefly of the coasts, is of less elevation.

7-10th 285 ft. above the level of the Baltic. The remainder, consisting chiefly of the coasts, is of less elevation. These are, for the most part, fenced by numerous rocks and islets. The islands of Gothland and Celand, in the Baltic, belong to Sweden: they are situated opposite the S.E. shores of the kingdom, and Celand is separated from the main land by a narrow strait, which in one part (opposite Kalmar) is only about 4 m. across.

are any which is note part (opposite trainer) is only about a m. across.

The S. provinces consist chiefly of vast sandy plains interspersed with small lakes and hills, which are sometimes bleak and barren; but elsewhere clothed with woods. The central region contains extensive plateaux of table land covered with forests. The N. part of the kingdom is diversified with mountains, deep valleys, and glens, afternating with sandy wastes and vast forests.

Rivers*—Sweden is extremely well watered. Through its N. and central parts, 12 large rivers flow into the Gulph of Bothnia. The Tornea, which has the longest course, runs almost due S. for about 290 m.; but the largest is the Angerman, 230 m. in length, so deep that ships of 600 tons load at Nyland, about 70 m. from the sea. Next to these are the Umea, with a course of 350 m., and the Wiodel, 235 m. in length. The general direction of the rivers falling into the Baitic is N. W. to S. E. Few of them are of any considerable size, and not withtion or the rivers inling into the Baltic is N. w. to S.E. Few of them are of any considerable size, and not with-standing the generally flat country through which they flow, their navigation is much impeded by rocks and numerous cataracts, and is rendered perilous during the inundations occasioned by the melting of the snows. Some of them increase 18 or 20 ft. in height so rapidly come of them increase 18 or 20 ft. in height so rapidly as to carry away large trees, and even to detach im-mense blocks of granite from the mountains; still, how-ever, the inundations occasion little damage, owing to the number of lakes, which serve as so many basins for the reception of the surplus water. There are, in fact, upwards of 80 considerable lakes, occupying in the aggre-gate a very large surface. The principal of these is

the Wener, the largest lake in Europe, after that of Ladoga, between lat. 88° 22' and 59° 25' N., and long. 12° 20' and 14° 12' E., above 90 m. in length, by 56 m. in its greatest breadth, 147 ft. above the level of the sea. It receives many streams, the only outlet for its waters being a channel about 200 yards in width, immediately below which is the celebrated cataract of Trolhectia. Though in parts very deep, a great portion of this lake is so shallow as to render its navigation difficult and dangerous. The lake next in size is the Wetter, 86 m. in length, by 16m. in its greatest breadth. It is about 25 m. S. E. the Wener, and 295 ft. above the level of the sea. In some places it is 70 fathoms deep: it is often agitated by sudden and violent storms. The Mcelar lake is an inlet of the sea, extending westward from Stockholm, near its entrance from the Baltic, about 70 m., with a breadth varying from 2 to 20 m. It is deep and clear contains some hundred islands, and is regularly navigated from April to November. The Hjelmar, a lake lying to the S.W. of the Meelar, to which it is united by a canal, is 25 m. in length, varying to 15 m. in width. Climate.—For five or six months of the year the surrance of the N. parts of the country, from the summits of the mountains to the bottoms of the valleys, is covered with ice and snow. The rivers and lakes are also frozen from October to April. in the central parts, the winter seldom lasts more than three or four months; and in the S. and W. parts, the climate is very similar to that of the N. of Germany. In the N. division a great degree of heat is experienced during a short period of the year. The transition from winter to summer is there, also, very rapid, often occurring within the space of a few days. On the whole, however, the climate of Sweden is much milder than might be expected from its high N. at. The whole, however, the climate of Sweden is much milder than might be expected from its high N. at. The winter is not so cold as in countries in the same lat. furthe

of them. They seldom exceed 30 or 40 ft. in height above the surface, and form many islands in the lakes, as well as heaps on the plains. (Laing, Sweden, p. 41, 42.) There are mountains of secondary formation in Jemtland, Nericla, E. and W. Gothia, and in the islands of Gothland and Œland. Shelly limestone, chalk, &c., are met with in Scania. Deposits of oceanic shells are found in the country near Uddevalla; but at Stockholm, Upsala, Hernosand, and at other places on the E. side of the peninsula, the shells discovered are of the kinds belonging to the Balitic, without any mixture of the oceanic. Sweden is rich in mineral products. Among these, are iron, the best in Europe, copper, cobalt, sinc, lead, antimony, gold and silver, alum, nitre, sulphur, with porphyry, marble, alabaster, limestone, millstone, whetstone, asbeston, potters' earth, &c. But the only metals that occur in any considerable quantity in Sweden, and the ores of which are worth working are iron, copper, and lead; iron being the most abundant and lead the scarcest of the three. There is a remarkable desicency of the more valuable products found in secondary formations, as coal and sait. The former, indeed, has been discovered, and wrought, near Helsingborg, in the S. of the kingdom; but it is of very inferior quality: there are no salt beds nor brine springs, and the waters of the Balitic not being largely impregnated with salt, it is wholly imported.

Vegetable Products.—The forests of Sweden are estimated to occupy about 98,000 sq. miles, or four sevenths of the whole surface of the country. Those of the N. region consist of birch, pines, firs, &c., which, in the central parts, are intermixed with ash, willow, linden, and maple; and in the S. with oak, beech, yoke-elm, &c. Few beeches are found N. of lat. 57°; oaks are found as far N. as Sundswall. The linden is found as far N. as a lat. 61°, the haxel as 63°, the cherry and ash as 63°, and the gemeral limit of the birch and pine woods is lat. 69° 30°. The small dwarf birch, aspen, mountain-ash, and dwarf grey alder, are found as far N. as 70°, but only in the valleys and sheltered situations. The walnut and mulberry are almost entirely confined to Gertaland; the chestmut is very rare. The forests were formerly much neglected; and there is now in many extensive districts a great deficiency of timber. Indeed, a considerable proportion of the firewood required for the consumption of Stockholm is brought from Finland. Latterly, however, a great deal more attention has been placed under the care of a special institution, and very extensive plantations of oaks, firs, &c., have been made. The power of private proprietors to cut down timber was formerly limited; but this restriction no longer exists. In the interior of the country, however, and in such parts as have no facilities by means of water-carriage, or otherwise, for the conveyance of timber to the sea-ports, and are distant from mines, there is but little hope that the forests will ever become an object of considerable attention. Pears, apples, and plums of all kinds, grow in the open air in the S.; but the grape, fig. apricot, and peach, do not ripen except in hot-houses. All kinds of melons are grown, currants up to lat. 68° 30°, and gooseberries every where, even as far N. as lat. 70°. The sollow beet-root is produced spontaneously; the red is cultivated. A close sward of common grass is rarely seen; but docks, thisties, ragweed, and such roots as infe

the most neglected spots.

Animals. — The most common wild animals are the wolf, bear, fox, elk, reindeer, roebuck, glutton, ermine, and a species of lyax. The wild boar is now found only in the isle of Œland. Whales and sea-calves are occasionally found in the Baltic and Gulph of Bothola; and the prevoies I Debthola; and sionally found in the Battic and Guiph of Bothola; and the porpoise (Delphimas Phocema, Linn.) commits great ravages among the fish of those seas. There are few hares, but abundance of other kinds of game. The cock of the wood, or cappercalizie (Tetrao Urogalius), for-merly met with in Scotland, and recently reintroduced into that part of the U. Kingdom, is common in the Stock-holm markets, whence it is sometimes brought to London; into that part of the U. Kingdom, is common in the Stockholm markets, whence it is sometimes brought to London; though inferior in flavour to grouse, it is much larger, sometimes weighing from 14 to 16 lbs., and is altogether a very fine species. Partridges are very plentiful, as are woodcocks and web-footed wildfow. Eagles and falcons inhabit the cliffs; the wild swan and eider are highly esteemed. The seas surrounding Sweden abound with fish; including sturgeon, cod, lamprey, rays, soles, turbot, pilchards, herrings, and the stremming, a small species of herring, which has been latterly very abundant on the E. Swedish coasts. Excellent mackerel, and oysters, are found in the Kattegat. The rivers and lakes are well supplied with salmon, pike, perch, trout, cels, and numerous fish of the genus Cyprist. The pike, perch, barbel, and crayfish, are found in the Baltic, as well as in the lakes and rivers. Many of the fish of this see appear to be of a mixed character, between oceanic fish, and those of fresh water.

Agricutiwer.— The soil of Sweden, though mostly thin and poor, has been greatly improved by the Londary

Arable lands occupy
Meadows and common pasturage
Uncultivated forest and mountain land
Lakes and marshes

The agricultural products consist chiefly of rye, barley, oats, maslin (a mixture of barley and oats), wheat, potatoes, pease, hemp, flax, and almost all the fruits and feyumes common in W. Burope. In the S., rye is the most cultivated; in the N., barley, the culture of the latter increasing in proportion as we proceed farther towards the pole; but the grains of all kinds are generally less nutritious than those of the S. of Europe, and are more difficult to preserve. Wheat succeeds as far N. as 63°, but does not ripen in W. Bothnia. Oats seldom ripen N. of lat. 63° 20°, but barley is grown almost to the limits of the pine woods, in lat. 63° 30°. Hops are cultivated up to 63°, tobacco to 63° 30°, and flax to nearly 64°. Buckwheat, madder, and woad are grown in Scania. In some parts of the S., the produce is equal to that of the best cultivated lands in England and France. In parts of Scania a return of 7 for I is obtained; but generally in Sweden the proportion does not exceed 4 for 1. The uncertainty of the climate and the chances of early frosts, are the greatest obstacles with exceed 4 for 1. The uncertainty of the chimac with the chances of early frosts, are the greatest obstacles with which the agriculturist has to contend; and some singuwhich the agriculturist has to contend; and some singu-lar derices are resorted to, to counteract their effects. In Jentland, for example, the people pile up large quantities of wood along the N. side of the small patches of land sown with corn, that in case the wind should blow from the N. or N.E. in the evenings of August, they may set them on fire to protect the crop from the frosts! It is usual, also, in the S. parts of the country, to prevent the crop from being injured by frost when in the ear, to draw ropes across the heads of the grain, and shake off the dew before sum-rise, which, but for this, would then be frozen.

According to the official returns for 1837, the annual produce of grain and potatoes, after deducting the seed, amounted to—

		Smed. Barrels.
Whest	•	 244.619
Rye	•	- 2.278.386
Barley	•	- 1,800,902
Oats -	•	- 1,532,046
Maslin	•	- 774.678
Pease	-	- 299,109
Potatous	•	- 4,113,442
		11,045,161, equivalent

about 44,000,000 Eng. bush

In the N. potatoes supply the deficiency of corn, and are referred to all other kinds of food. Tobacco is cultipreferred to all other kinds of toos. I Domonous is custa-tivated near Stockholm, but not to any extent. After that of Holland, the flax produced in Sweden is pro-bably the best in Europe. Hemp is at present not much grown; but the government is endeavouring to extend its culture.

irown: but the government is endeavouring to extend its culture.

The whole arable surface of Sweden is divided into 66,4413 kemmens of land. The word hemman signifies merely an estate, or homestead, and gives no idea of the value or extent of the land, some being incomparably larger and more valuable than others. It is, in fact, a fiscal division, for the purpose of levying the land-tax according to ancient assessments. Originally, however, the hemmans belonged, for the most part, to single proprietors; but they are now generally divided into 3, 4, 8, 16 or more parts, and it is rare for a family to possess a hemman entire. Of the 66,4413 hemmans, 7713 belong to towns, 50,000 to private individuals, 359 to the crown, 373 to academies and universities, 201 to colleges and schools, 238 to the church, 304 to hospitals and asylums, 183 to military schools, 31 to sailors, and 4,045 to the army. According to circumstances, the lands are subject to a different amount of taxation: of the estates belonging to the nobles, 3,462 are wholly exempted from all public burdens; and 17,939 estates, partly belonging to them and partly to other privileged parties, enjoy a partial exemption from taxation.

The estates that originally belonged to the nobles, but which, since 1810, may be indifferently held by nobles or commoners, are exempted from the land-tax, and also from the obligation to furnish a soldier for the army, the nobles themselves having been originally bound to personal service in the army. This inequality in the rate of

from the obligation to furnish a soldier for the army, the nobles themselves having been originally bound to per-sonal service in the army. This inequality in the rate of taxation is practically, however, notwithstanding the statements of Mr. Laing to the contrary, of no real im-portance. The land-tax was fixed at a certain amount of produce centuries ago. It can no longer, therefore, be fairly regarded as a burden on the land, the value of which fairly regarded as a burden on the land, the value of which really depends on its nett revenue after this fixed charge has been deducted. There is no injustice in the circum-stance of certain lands in England being subject to tithe, while others are not; and it is quite as idle to talk about the injustice of the unequal distribution of the Swedish

There is, however, in Sweden, an assessment of 5 per cent. laid on the nett annual value of all estates. But cent. laid on the nett annual value of all estates. But this, though apparently an equal, is, in fact, a very un-equal and impolitic tax; inasmuch as it makes no dis-tinction between the income derived from the rent of land preperly so called, and that which is really derived from the capital laid out on the land, and as it operates

as an obstacle to improvements. The occuriers of crownlands in Sweden have long had, and still have, leave to constitute themselves the absolute proprietors of such lands on their paying a sum equal to 6 years' value of the land-tax laid on the land. It is not, therefore, the amount of the burdens falling on the land in Swedens.

iands in sween have supposed as the later, save the constitute themselves the absolute proprietors of such lands on their paying a sum equal to 6 years' value of the amount of the burdens falling on the land in Swedens, which, despite the statements to the contrary, are really very moderate, but the influence of the 5 per cent. assessment in discouraging improvements, and, still more, the minute subdivision of the heamans, occasioned by the continued division and subdivision of heritages, in consequence of the law of equal partition among the children of a family, that are the principal obstacles the improvement. Property is, in many instances, divided into such minute portions as to be wholly unsusceptibles of a proper system of cultivation; and the occupiers are often in the poorest circumstances. There are parcels of and of not more than 40 yds. eq., and a Dalecardism peasant sometimes sells his landed property for 3 or 3 rix-dollars (2s. 6s. to 6t.), the registration of the sale costing as much as the estate!

In some extensive districts there are not, at an average, above 14 acres of arable land to a farm; sad in the district of Carlstad, where farms are largest, and agriculture most advanced, the average extent of arable land in each farm may be taken at about 72 acres. At an average of the entire kingdom, the arable land may be estimated at about 38 acres per farm. (Thomses's Trevels in Sweden should should be acres of a such as a such

bread, has been in a great measure obvisted; and the both the public and private magazines are complete

filled with corn."

both the public and private magazines are compassey filled with corn."
Houses in the country in Sweden are mostly constructed of wood; and are roofed with timber, turf, and straw. Gentlemen's houses, however, and houses in towns, are usually covered with tiles. Recently, thick coarse paper prepared with tar has been used for roofing, and is said to answer very well. Slates are very searce; and Dr. Thomson states that he only saw here houses in the kingdom roofed with slate. (p. 399.)
It is estimated by Forsell, that seven srinkly of the whole pop, are employed in agriculture: peasants, preprietors of the soil they cultivate, have been reckmed at 14,5974; those who live on land not their own at 1,683,717;—husbandry labourers, holding houses and lands under proprietors, at 470,081; and servants, living in the house with their employers, at 277,468. Manters and mistresses are subtorised, by an old law, to inflict summary corporal chastisement on their servants, with no other limit than that they do not kill or makin; and life. Laing, founding on this fact, states that servants in Sweden are little better than slaves! But it might have

occurred to him that laws here, as elsewhere, become obsolete; and we have been assured, by those who are thoroughly acquainted with the country, that the corporal chartisement of servants is quite as rare in 8 weden as in England, and that they are treated with great kindness. The poverty of the soil, and short duration of summer, require a great number of hands during the season for the year, they are comparatively idle. Since 1830, the price of agricultural labour has been about 8d. or 1s. a day in the B. and centre of Sweden; but in the N. It costs 1s. 4d. aday. Labour is generally cheaper in Sweden than in Norway, from there being a greater number of the agricultural classes who are destitute of property. According to Lains, the condition of the middle and lower classes, in Sweden, is much less prosperous than that of the same classes in Norway. In this respect, however, as in many others, he is a suspicious authority; as there can be no doubt that he has represented the condition of the Norwegians under much too favourable, and that of the Swedes under much too unfavourable colours. Indeed, the Swedes under much too of the vourable, and that of the Swedes under much too of the our laing; account, to be far from being in a distressed situation. He tays that, "compared with the cotter, or labourer, in Scotland, the Swedish peasant is better provided with physical comforts: he is far better lodged, better fed, and his access to fuel and food generally better." (377.) Rent is, most commonly, some proportion of the produce, and is usually padid in kind, there being but few districts in which it is paid in money. Labourers are frequently paid by getting a plece of land, which they cultivate for themselves, working on the proprietor's domain certain days in the west.

Mr. Coxe, one of the best and most trustworthy of tra-

themselves, working on the proprietor's domain certain days in the west.

Mr. Coxe, one of the best and most trustworthy of travellers, gives the following details with respect to the condition of the Swedish peasanty. "I had frequent opportunities of observing the customs, manners, and food of the peasants. On entering a cottage, I usually found all the family employed in carding flax, spinning thread, and in weaving coarse lines, or cloth. The peasants are excellent contrivers, and apply the coarsest materials to some useful purpose; they twist ropes from hogs' bristles, horses' manes, and bark of trees, and use cell-skins for bridles. Their food principally consists of salted flesh and fish, eggs, milk, and hard bread. At Michaelmas they usually kill their cattle, and salt them for the ensuing winter and spring. Twice a year they bake bread, in large round cakes, which are strung on files of sitchs, suspended from the ceilings of the cottages: this bread is so hard as to be occasionally broken with a hatchet, but is not unpleasant. The peasants use

files of sticks, suspended from the ceilings of the cottages: this bread is so hard as to be occasionally broken with a hatchet, but is not unpleasant. The peasants use beer for common drink, and are much addicted to mali spirits. In the districts towards the W. coasts, and at no great distance inland, tea and coffee are not unusually found in the cottages, which are procured in great plenty, and at a cheap rate from Gottenburg.

"The peasants are well clad in strong cloth of their own weaving. Their cottages, though built with wood, and only of one story, are comfortable and commodious. The room in which the family sleep, is provided with ranges of beds in iters (if I may so express myself) one story, are comfortable and commodious of the men, to which they ascend by ladders. To a person who has just quitted Germany, and been accustomed to tolerable inns, the Swedish cottages may, perhaps, appear miserable hovels; but to me, who had been long used to places of far inferior accommodation in Russia, they seemed comfortable places of reception. The traveller is able to procure many conveniences, and particularly a separate room from that inhabited by the hamily, which could seldom be obtained in the Polish and Russian villages. During my course through those two countries, a bed was a phenomenon which seldom occurred, excepting in the large towns, and even then, not always completely equipped; but the poorest huts of Sweden were never deficient in this article of comfort: an evident proof that the Swedish peasants are more civilised than those of Poland and Russian." (Caze's an evident proof that the Swedish peasants are mo-civilised than those of Poland and Russia." (Coxe Letters, iv. 277-279.)

civilised than those of Foland and Russia." (Coxe's Letters, iv. 277—279.

According to the official returns, Sweden had, in 1877, 285,000 horses; 1,657,976 head of horned cattle; 1,412,629 do. sheep; and 813,692 do. hogs. In general, all kinds of domestic animals are inferior. The horses are every where small. There is a fine breed in the Isle of Œland, not more than 3 or 4 ft. high: these, however, are rapidly decreasing. In the S. provs., the number of horses, as compared with the pop., is much greater than in France, or even in England; there being, it is said, in Scania, 243 horses to every 1000 inhabitants! As we proceed N., the number of horses diminishes; and in Swedish Lapland they disappear altogether, their place being supplied by rein-deer, of which some proprietors possess 1,000 head. In Lapland, the rein-deer and dog are the only domestic animals. Swedish black cattle are also small; the best are those of E. Gothis and Dalecarlia; in summer they are driven to

the mountains, where chalets, similar to those of Swit-seriand, are constructed. The sheep-folds are well kept, and government has endeavoured to improve the breeds

the mountains, where chalets, similar to those of Switzerland, are constructed. The sheep-folds are well kept, and government has endeavoured to improve the breeds by crosses with those of Spain, France, England, and Saxony. Sheep are not reared N. of lat. 69°; goats thrive as far as lat. 65°. (Journal de Trassus Statistiques, é.c., p. 131—143; Lesing, p. 266—272.)

Fisheries, form a very considerable branch of industry. The herring fishery on the W. and S. coast commenced in 1740, about which time herrings began to appear in large shoals on the coasts. The quantities annually taken increased until 1798, since which they have decreased; the place of the herring being now supplied by the stremming, a fish about the size of the sprat, but of much finer flavour. From 1790 to 1796, the towns of Gottenburg, Kongelf, and Marstrand disposed of 1,972,214 barrels sait herrings, and 261,971 bhds. fishold, which fetched togesther 480,0004, about 3-4ths being sold to foreigners. But since 1806, the average produce of the fishery has not exceeded 2,000 barrels, the herring having, in a great measure, shandoned the coasts. The streaming is cured like the herring, and is often eaten raw out of the pickle; it is extensively used in Finland and the N. of Russia, and forms a two towns of Finland and Bothnia. The principal stremming fisheries are on the coasts of the Guipa of Finland and Bothnia. The principal salmon fishery is at Dyefors, on the Klarely, a river which falls into the Lake Wener. The salmon fisheries of Norkopping, Gefie, and Hernesand, are also very productive. A company in London employs two packet-hoats, with wells in the bottom, in trading to Gottenburg for lobeters, which are bought there for 34.c or Morkopping, dom. Swedish iron is of very superior quality, and that of the Danemora mines is especially well fitted for conversion into steel; but, owing to impudicions restrictions and the want of coal, the production in Sweden is not supposed (including what is liceased and what is made for home consumption wit

connected with them is a manufactory of aulphuric acid. The smelting furnaces and iron works are licensed to produce certain quantities, some being as low as 50 tons, and others as high as 400 or 500 tons; and some fine bar iron works have licenses for 1000 tons each. These licenses are granted by the College of Mines, which has a control over all iron works and mining operations. The iron masters make annual returns of their manufacture, which must not exceed the privileged or licensed quantity, on pain of the overplus being conflicated. The college has established courts of mines in every district, with supervising officers of various ranks. All iron sent to a port of shipment must be landed at the public weigh-house, the superintendant of which is a delegate of the college; so that it is impossible for an iron master to send more iron to market than his license authorises. It is true that sales are made to inland consumers at the to send more iron to market than his license authorises. It is true that sales are made to inland consumers at the forges, of which no returns are made out, and in so far the licenses are exceeded; but it is not supposed that the quantity so disposed of exceeds a few thousand tons a year. Every furnace and forge pays a certain annual duty to the crown. Its amount is fixed by the college when the license is granted; and care is taken not to grant the license to any one unless he have the command of forests count to the required supply of chargeal, without excessed. license is granted; and care is taken not to grant the license to any one unless he have the command of forests equal to the required supply of charcoal, without encroaching on the supply of this material, required for the existing forges in the neighbourhood. As the supply of pigiron is limited to the quantity licensed to be made, the cellege, in granting new licenses to bar-iron works, always takes into consideration how far this may be dene without creating a scarcity of pigiron. Hence, the erection of new forges depends—1st, on having a supply of charcoal, without encroaching on the forests which supply your neighbours; and 2d, on the quantity of pigiron which the college knows to be disposable. The ceurts of the mines decide all disputes that arise among the iron masters regarding the exceeding of their licenses, encroachments, &c.; an appeal to the college lying from their decision, and ultimately to the king in souncil, or to the supremee court of the kingdom. It is needless to dwell on the impolicy of such regulations. No doubt it is quite right for government to interfere to prevent the waste and destruction of the forests; but having done this, it should abstain from all other inter-

freure, and leave every one at liberty to produce as much, iron as he may think proper. Mines of any importance are usually held by a society of shareholders. Some of them are only worked occasionally; and, as the labour is performed by peasants, who live ostensibly by husbandry, it is impossible to form any correct estimate of the numbers

as impositors on many correct estimates of the immerse engaged in mining industry.

Manufactures. — For many ages, Sweden had none of any importance; the Hansestic towns took away its raw materials, and re-exported them manufactured to the

country: the other manufactures were then, as they stafe are in great part, domestic. But about the middle of the 17th century, various manufactures, including those of glass, starch, brass, pins, silk fabrics, leather, soap, steel, and iron articles, besides printing-presses and a sugar refinery, were established: the workers in these establishments were mostly from Germany and the Low Countries. In 1771, there were in Sweden 686 manufactories; in 1824, 1177; and in 1831, 1,184, employing 13,143 hands exclusive of miners. We subjoin an official

ACCOUNT of the Number of Factories, Looms and Workmen, in each Department of Manufacturing Industry in 8weden, in 1838 and 1839, and of the Value of the Produce in each.

		1838.		1		1830-		
	Pactories.	Looms.	Workmen.	Value.	Pactories.	Looms.	Workmen-	Value
				Bixd. Banco.				Ried. Bence
Cotton and linea weaving -	42	636	805	425,581	1 44 1	761	949	465,580
Riband ditto -	l iõ l	69	107	45,152	1 11	71	103	45,194
Cloth ditto -	108	558	3.455	3,863,459	114	685	3,64%	4.043.909
Staffa ditto -	1	22	29	20,405	5	19	92	19,968
Silk ditto -	16	355	527	467,495	16 1	372	571	494,431
Silk spinning	l ii l		26	27,000	1 12		21	28,000
Canvass and sailcloth -	l iô l	238	426	248,659	l iŏ l	239	1 895	250,912
Dreing -	204		922	400,769	317		989	437,594
Glassworks -	15		547	566,427	l is l		615	351,600
China or earthenware	1 7 1		364	155,142	1 2		375	176,292
Perfumery	1 1 1		15	22,706	14		1 13	24,906
Paper mills -	l ŝo l		1,333	756,878	87		1.941	805,494
Sospworks	1 15		84	127,845	17		87	114,054
Sugar refinery	98		397	2,489,256	25		488	2.625.763
Morocco leather	1 7		1 14 1	25,464	5 (1 13	15,920
Tobacco manufactories	87		790	1,018,528	81		765	1.008.080
Watch ditto	149		930	36,622	143		246	87,760
Leather curriers	225		687	678,076	258		675	529,790
Oil manufactories	47		98	148,587	48		95	139,905
Wax candle ditto	انة ا		21	60,005	1 7	1 1	1 19 1	56,423
Woollen and cotton spinning			ı ı	- Only and a	1 1			049120
mills -	ا و ا		763	745,047	9 9		810	879.968
Rope manufactures	17	I	1 182	64.619	22		95	105,330
Porter brewery	1 4		116	181,479	1 77 1	1 :	86	175,437
Machine makers	16	: :	259	98.299	19		200	190,341
Vinegar distillers	19		251	22,109	1 19 1		36	22,494
Calico printers	ii	1: :	104	42,179	1 45		120	76,094
Sundry minor manufactories -	ลร์ร์	114	2.029	847,928	789	110	1,983	546.634
oundry sumor manuscrottes .	913	110	Z,0729	047,978	1 7 69	110	1,563	J10,634
Total	2,104	1,987	14,211	13,090,069	2,097	2,177	14,861	13,597,809

Sweden has but few facilities for the formation of great manufacturing establishments; but, owing to the long winter nights, during which most out-of-door occupations are necessarily suspended, she has great facilities for the carrying on of domestic manufactures; and, in point of fact, the Swedish peasantry not only supply themselves with most descriptions of agricultural implements and household furniture, but with nearly all the coarse woollen, linen, and cotton goods, required for their ordinary use. No foreign or factory-made goods, however cheap, can supersede or materially interfere with this domestic manufacture; for, as the people would otherwise be idle, its products may literally be said to cost them nothing. Several factories have, however, been established in Sweden for the production of the finer descriptions of woven fabrics, some of which have had considerable suc-Sweden for the production of the finer descriptions of woven fabrics, some of which have had considerable success. The government of Elfaborg is the grand seat of the domestic manufactures of cotton in Sweden. A factory recently erected in this government, driven by water, has 150 power-hooms employed in the production of cambrics and shirting; and it is at present (1842) in the course of being greatly enlarged. We subjoin an

ACCOUNT, showing the Quantities of Cotton Goods made in Sweden during the Ten Years ending with 1840, distinguishing those manufactured in regular Factories from those made by the Peasanty, in the Government

Years.	Cotton Goods manufactured in regular Pactories.	Cotton Goods made by the Peasantry of the Government of Elfsborg.	Total of Cotton Goods produced.	Observations.
1836 1837 1838 1839 1840 3, 1 1851, lowed	639,406 945,759 945,192 999,474 955,273 829,083 1,215,883 1,218,249 1,296,892 3y the tari several ari teveral ari teveral ari teveral ari teveral ari teveral ari teveral ari	5,100,666 4,015,503 5,851,258 4,054,526 4,685,381 ff of 1850 scles of corted.	2,679,661 3,602,057 3,409,611 3,513,379 4,055,939 4,830,586 4,937,141 5,502,775 5,780,203 which to otton pre-	1. The Swedish ata a count to about two thirds of an English yard. 2. Beside the goods mas sured by the yard, a considerable quantity of coulor his annually made, such as shawls, handkerchief waistones, for one officer on the LJ January to the country of the year of the

duced in the country; but being principally intended for domestic use, and the cultivators making most of what they require, the sale is but small. Norkopping and Stockholm are the towns in which the largest quantities are made. Foreign cloths are prohibited; but the contraband trade is extensive. The manufacture of other woollen stuffs is confined to finnels, serges and bombasines, which were formerly prohibited, are now imported in considerable quantities. Handkerchiefs, which form the usual head-dress of the women, form the principal produce of the silk manufacture, though taffetas, gros de Naples, levantines, and ribands, are also produced. The manufacture has been a good desi improved by the introduction of Jacquard looms from France. The manufacture of sail-cloth is increasing. The principal glass factory is at Bromeo, in Westragothia. Eskelstuna is the principal seat of the hardwars and cuttery business, being a sort of ministure Sheffield: fire-arms are made in it at a factory established by government. The quality of Swedish paper has latherly been much improved, and the quantity so much increased that considerable supplies are now sent to Denmark and Germany. The distillation of corn brandy has been contantly increasing since the reign of Gustavus III. in 1773, government, in order, as is supposed, effectually to suppress drunkenness, prohibited distillation: but as wiesk

8,000 hhds. a year. Excepting oak timber and hemp, 8weden possesses every material necessary for the con-struction of ships. Saltpetre, potash, and tar, are among the secondary articles of manufacture. There are two the secondary articles of manufacture. There are two establishments for the instruction of persons intended for trade or manufacture, one at Stockholm, and the other at Gottenburg. A school for mining is established at Fahlun. Schools, where gratuitous instruction is given in navigation, have been established in five of the principal see-ports; and no individual can be appointed master or mate of a merchantman without passing an examination in some of these schools, and receiving a certificate of his ability properly to discharge the duties of such situations. of such situations.

Trade. — The trade of Sweden, which, from the situa-tion of the country, must necessarily be of limited extent,

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has been reduced below even its natural bounds by the
policy of the government in endeavouring to bolster up
manufactures. Latterly, however, this system has been
relaxed; and the trade and industry of the country have
both experienced the beneficial influence of the more
liberal policy that has been adopted. The exports consist almost wholly of raw produce, of which iron and
timber, especially the former, are by far the most important articles: next to them are copper, alum, corn,
ar, cobalt, &c. The imports principally comprise sugar,
coffice, and other colonial products; aslt, wines, silk, and
wool; cotton, cotton twist, and cotton stuffs; hemp,
hides and skins, oil, &c. The foreign trade is principally
carried on with Great Britain, the United States, Holland, Hamburg, Demmark, &c. It principally centres in
Stockholm and Gottenburg. We subjoin an

ACCOUNT, exhibiting the Official Value of the Exports from and Imports into Sweden, and the Amount of Customs' Revenue for the Ten Years, ending with 1840.

		Value of	Total Value of	Customs	Revenue.	Total Custome	
Years.	Value of Exports.	Imports.	Exports and Imports.	On Exports.	On Exports. On Imports. Revenue, is		Observations.
1831 1832 1835 1834 1835 1836 1837 1838 1839 1840	Rix-dolls, banco, 13,665,000 14,647,000 16,903,000 15,882,000 18,883,000 17,455,000 22,160,000 20,134,000	Rix-d. Islands, 19,308,000 13,787,000 13,786,000 14,787,000 15,362,000 15,337,000 16,456,000 19,499,000 18,368,000	Rix-dolla, banco, 25,869,007 28,404,000 30,789,000 30,709,000 34,147,000 34,571,000 35,909,000 40,381,000 38,472,000	Rix-dolls, bango, 425,426 425,474 514,971 427,761 528,690 480,573 505,345	Rix della banco 1,717,845 2,172,609 2,265,408 2,298,399 2,611,1069 2,985,274 3,277,265 3,025,910 7,055,903	Rix-dolls. banço. 2,641,687 2,795,544 2,952,578 2,974,559 5,577,299 5,185,636 5,605,805 5,902,678 5,606,905	11. sterling is equal to 12 rix-dolls. Swedial banco. The rev. on exports is almost entire by derived from the duty on bar-from, which duty was, in 1840, re- duced to half its formes amount. The expor- day on wood is to coses in 1848.

Roads, Posting, &c. — The main roads to and from Stockholm are generally excellent and well kept; but the cross roads are comparatively neglected. A landholder is bound to keep in good repair that part of the public road which passes through his possessions; but it is needless to say that it is very difficult to enforce this regulation. The system of posting, though affording every facility for the traveller, is onerous on and injurious to the agriculturiats. On all the principal routes, post-stations are established every 7 or 10 m. apart, to which the farmers and pessants of the district are compelled to furnish horses and a driver to the next post-station, at a very low rate, for any traveller who may require them. The station-master has the privilege of being the only innkeeper out of the towns; but he also is obliged to keep horses to perform the same duties as those of the farmers on certain days in the week. Severe penalties, and even corporal punishment, are inflicted on the pessantry for any default in the fulliment of this duty. The rate of hire paid for each horse is equivalent to about 1d. per Eng. mile. (Laing, p. 303—305. &c.)

Consuls. — The formation of a system of internal navigation that should connect the Cattegat and the Baltic, has long engaged the attention, and occupied the efforts, of the people and government of Sweden. Various mothers conspired to make them embark in this arduous undertaking. The Sound, and other channels leading to the Haltic, being commanded by the Danes, they were able, when at war with the Swedes, greatly to annoy the latter, by cutting off all communication by sea between the key were able, when at war with the Swedes, greatly to annoy the bulky preducts, from the loterior to the cost, it was de-

of facilitating the conveyance of iron, timber, and other bulky products, from the interior to the coast, it was determined to attempt forming an internal navigation, by means of the river Gotha, and the lakes Wener, Wetter, &c., from Gottenburg to Soderkeeping on the Baltie. The first and most difficult part of this enterprise was the perfecting of the communication from Gottenburg to the lake Wener. The Gotha, which flows from the latter to the former, is navigable, through by far the latter to the former, is navigable, through by far the greater part of its course, for vessels of considerable burden; but, besides other obstacles less difficult to overcome, the navigation at the point called Trollhertta is interrupted by a series of cataracts about 112 ft. in height. Owing to the rapidity of the river, and the stubborn red grantle rocks over which it flows, and by the perpendicular banks of which it is bounded, the attempt to cut a lateral canal, and still more to render it directly navigable, presented the most formidable obstacles. But, untismayed by these, on which it is Indeed, nost regable, presented the most formidable obstacles. But, undismayed by these, on which it is, indeed, nost probable he had not sufficiently reflected. Polhem, a native engineer, undertook, about the middle of last century, the Herculean task of constructing locks in the channel of the river, and rendering it navigable! Whether, however, it were owing to the all but insuperable obstacles opposed to such a plan, to the defective execution, or deficient strength of the works, they were wholly swept away, after being considerably advanced, and after vast sums had been expended upon them. From this period, down to 1793, the undertaking was abandound; but in that year the plan was proposed, which should

have been adopted at first, of cutting a lateral canal through the solid rock, about light. from the river. This through the solid rock, about 14 m. from the river. This new enterprise was begun under the auspices of a company incerporated in 1794, and was successfully completed in 1800. The canal is about 3 m. in length, and has about 64 ft. water. It has 8 suices, and admits vessels of above 100 tons. In one part, it is cut through the solid rock to the depth of 72 ft. The expense was a good deal less than might have been expected, being only about 80,000. The lake Wener, the navigation of which was thus opened with Gottenburg, is, as already seen, very large, and is encircled by some of the richest of the Swedish provinces, which now possess the advantage of a convenient and ready outet for their products. As soon as the Troilheetta canal had been completed, there could be no room for doubt as to the practicability

As soon as the 1 rouncers canns mad been completed, there could be no room for doubt as to the practicability of extending the navigation to Soderkeeping. In furtherance of this object the lake Wener has been joined to the lake Wetter by the Gotha canal, which admits vessels of the same size as that of Trollbortta; and the vessels of the same size as that of Trollhetta; and the prolongstion of the navigation to the Baltic from the Wetter, partly by two canals of equal magnitude with the above, and partly by lakes, is now completed. The entire undertaking is called the Gotha Navigation, and deservedly ranks among the veff first of the kind in Europe. Besides the above, the canal of Arboga unites the lake Hielimar to the lake Mœlar; and, since 1819, a canal has been constructed from the latter to the Baltic at Södertlee. The canal of Stroemsholm, so called from at Södertelge. The canal of Stroemsholm, so called from its passing near the castle of that name, has effected a navigable communication between the prov. of Dalecarlia and the lake Molar, &c. (For further details, see Cose, iv. 253—266., and v. 58—66.; Thomson's Travels, Coze, iv. 253-p. 35., &c.)

p. 35., &c.)

Currency, &c.—The currency consists almost wholly of paper, and though, since 1835, bank notes may be freely exchanged for paper, there is little or no demand for the latter. The rix-dollar banco, in which all mercantile transactions are carried on, is worth about 20d. sterling; the rick-gold dollar, used as the medium of exchange in ordinary transactions, being worth two thirds the former, or 184d. Rix-dollars banco are exchanged for rix-dollars specie, at the rate of 29 the former for one of the latter; and all rix-dollars are divided into 48 skillings. The notes in circulation vary from 8 skillings to 500 dollars banco. Such is the prejudice in favour of paper money, that, in the small towns and remote districts, coins, excepting those of copper, to a small value, are often refused as payment.

Measures of Length. — The Swedish foot = 11-684 Eng. in.; the alm = 2 feet; the fathom = 3 ells; the rod = 8 ells.

Public Finances.—In 1840, the budget of revenue and expenditure was fixed for that and the following years, till the next meeting of the diet, at 10,742,588 rix-dollars banco, or 895,300. sterling. The amount is derived as follows:—

z-dollars b 4,566,380 and-tax and other perpetual revenues ustoms, stamps, and other taxes, voted at every dist 6,176,500 10,742,880

But the land-tax and other perpetual taxes being fixed long ago, constitute, in fact, a portion of the property of the country belonging to the state, and cannot justly be regarded as taxes. Hence it follows, that the total sum levied in the shape of taxes for public purposes, exclusive of the maintenance of the indeits soldiers (see post), and other local burdens, amounts to only 6,176,500 rix-dollars banco, or 514,7084, sterling; so that, despite the statements of Laing and others to the contrary, there cannot be a doubt that Sweden is at this moment (1842) the most lightly taxed country of Europe.

The Government is a monarchy, hereditary in the male line, with a representative diet, one of the most ancient

be a doubt that Sweden is at this moment (1842) the most lightly taxed country of Europe.

The Government is a monarchy, hereditary in the male line, with a representative diet, one of the most ancient in Europe. The king must be a Lutheran, and his person is inviolable. He is assisted by a state council, composed of 10 members, including the ministers of justice, foreign affairs, war, marine, interior, finance, and public worship, and three counciliors. The army and all foreign relations are under the immediate control of the hing; but he cannot decide on any matter touching any other branch of government, without the concurrence of the council. He nominates to all appointments both military and civil; concludes foreign treaties, declares war, and makes peace; and has right to preside in the supreme court, and to grant pardons. The princes of the blood-royal are excluded from all civil employments. The different departments of justice, war, marine, mines, commerce, &c., are called colleges.

The dist, or representative assembly, consists of four separate chambers, consisting respectively of deputies from the nobility, clergy, burghers, and peasants or cultivators; the latter class having acquired the privilege of sending representatives towards the end of the 18th century. Since 1880, the proprietors of known works have obtained the privilege of sending three deputies to the chamber of burghers to watch over their interests. The king nominates the presidents or speakers of the chamber of clergy. The diet is convened every fise years, and usually sits for three or four months, but occasionally, as in 1840-41, for a much longer period. The head of every noble family is, by law, a member of the chamber of nobles is attended by above 500 individuals. The clergy have 60 deputies, the burghers 85, and the peasants generally from 140 to 150, chosen by the strondissements; the deputies for the clergy, burghers, and peasant, receive salaries during the sitting of the diet from their constituents. No new tax or impost c any modification of the constitution be legally effected without the concurrence of all the chambers composing

the diet.

The four chambers deliberate and vote separately; but all questions must, previously to their decision in the chambers, be referred to standing committees chosen at the commencement of the diet, consisting of an equal number of members from each order. In constitutional questions, which cannot be decided in the same diet in which they are raised, the unanimous consent of the four

questions, which cannot be decided in the same diet in which they are raised, the unanimous consent of the four orders is required, but in other matters the decision of three orders is valid. When two orders are opposed to two, the subject, according to its nature, is either dropped, or referred to the decision of a special committee, composed of 30 members of each order. Differences on minor points are adjusted by the committee, to which the matter was originally referred.

In most cases the decrees of the diet must be submitted to the king, who has an absolute veto; and it is a curious circumstance, peculiar to what M. de Pradt called the semi-constitutional government of Sweden, that frequently the king has refused his sanction to the proposals of the king, without occasioning a change of ministry, or exciting any deep feeling of animestry on exiting any deep feeling of animestry on exiting any deep feeling of animestry to exciting any deep feeling of animestry to exciting any deep feeling of animestry on exiting any deep feeling of animestry on the king in all matters of internal administration and police, in regard to which the diet merely presents addresses and potitions expressive of their views and vishes.

Previously to the diet held immediately subsequent to the revolution of 1809, the nobility enjoyed several valuable privileges and fiscal immunities. These, however, they then wisely surrendered, stipulating only for the general freedom of trade, externally and internally—a stipulation which has not hitherto been fully carried out. The division of the diet into separate chambers, representing particular orders of the state, is, therefore, less objectionable now than formerly, though it be still necessarily productive of considerable inconvenience.

The chamber of clergy, though said by Mr. Laing to be the most enlightened and independent order of the Previously to the diet held immediately subsequent to

det, have interests to support that are in many-respects peculiar, and which may sometimes, perhaps, be opposed to those of the public, at the same time that they are mostly all more or less dependent on the crown.

The chamber of burghers consists of representatives of the guilds, trades, and corporations of the different towns. These, as every body knows, are possessed of certain franchises and immunities which go to obstruct competition, and, consequently, to enhance the cost of the articles furnished by the privileged class.

The deputies of the peasants represent by far the greater number of the people, though not the greater number of the people, though not the greater portion of the property of the country; and are, these-selves, seldom in such circumstances as to enable them to act a really independent part. And hence, in consequence parity of the constitution of the diet, which opposes the greatest obstacles to all organic changes, how expedient soever, and parity to apparent rather than real inequalities in the privileges of the different orders, a good deal of discontent prevails in Sweden, it is, indeed, hardly possible that the present complicated and vicious system should be able to maintain its ground much longer; and the best way to avoid the recurrence of another of those revolutions so frequent in Swedish history, will be to adopt measures for obviating the defects inherent in the existing political organisation of the country, and for making the dist a representation, not of class interests, but of the intelligence and property of the kingdom. Still, however, there can be no doubt, notwithstanding the defects in ke constitution, that the country has made a rapid progress during the last wenty years, and that there is every prospect of this progress being continued.

Justice.—The 24 time are subdivided into 117 fergierier, or districts, each comprising one or more herades, or cantons. At the head of each lin is placed a governor, charged with the civil and military jurisdiction, and the receip

be little complicated, the decisions or the course are orten long delayed. A new civil and criminal code is at present in course of preparation.

State of Crime, &c. — Sweden being almost wholly an agricultural country, with but few manufactures, and only one large town, and having, also, a coastitutional government, and a widely diffused system of public instruction, it might be expected, of priori, that it would exhibit a high state of moral feeling, and a remarkable paucity of crime. Such, however, we regret to say, is far from being the case; and though there can be a doubt that the representations as to the depravity and immorality of the Swedes, given in Mr. Laing's work, are far too highly coloured, still it must be confessed that crime and immorality prevail to an extent not easily accounted for. "According to the official returns published in the State Graztle, the number of persons prosecuted for criminal offences before all the Swediah counts, in the year 1836, was 26,275; of whom 21,262 were convicted, 4,915 acquitted, and 98 remained under examination. In 1833, the total pop. of Sweden was 2,933,144 individuals. In this year, therefore, I person of every 114 of the whole nation had been accused, and I in every 140 persons convicted, of some criminal offsace. By the same official returns it appears, that in the 5 years from 1830 to 1824 inclusive. I person in every 49 of the inhabs. 140 persons convicted, of some criminal offence. By the same official returns it appears, that in the 3 years from 1830 to 1834 inclusive, I person in every 49 of the inhabs, of the towns, and I in every 176 of the rural pop., had, on an average, been punished each year for criminal offences. In 1836, the number of persons tried for criminal offences, in all the courts of the kingdom, was 56,25; of whom 32,252 were condemned, 3,688 acquitted, and 945 under trial or committal. The criminal lists of this year are stated to be unusually light; yet they give a result of I person in every 132 of the whole pop. accused, and I ha about every 134 convicted, of criminal offences; and, taking the pop. of the towns and the rural pop. sepa-

retely, I person in every 46 individuals of the former, and in every 174 individuals of the latter, have been criminally convicted within the year 1836." (Lating's Suedens, p. 109, 110.)

This certainly is an immense amount of crime; but, when examined, it is found to be far less than it appears to be. In Sweden the police interferes with every thing; and offences of the most venial kind, and which, in fact, cannot, with any propriety, be called crimes, are, not-withstanding, punished as such, and appear in the list of criminal cases. Thus, if the peasantry neglect to repair the roads of the parishes to which they belong, or if they neglect or delay to bring horses, when required, to the poeting stations, they are subjected to fine and imprisonment, and included in the list of criminals. In toward, he like manner, the neglect of sweeping chimneys, resomment, and included in the list of criminals. In towns, in like manner, the neglect of sweeping chinmeys, repairing and cleaning streets, &c., are reckoned criminal offences; as are drunkenness, indecency, abuse of a parent, or of a wife or husband, and so forth I Hence, it is obviously necessary, in order to the institution of any thing like a fair comparison between crime in Sweden and other countries, to strike off from the list of criminals all that numerous class guilty only of petty effences, not noticed, except in Sweden, and to include those only that are included in the criminal returns of the countries with which it is compared.

those only that are included in the criminal returns of the countries with which it is compared.

But, notwithstanding this deduction, the extent of crime in Sweden, though nothing like what it appears to be at first sight, is still unusually great. This is shown by the following specification of the criminal offences committed in Sweden in 1837, 1838, and 1838, omitting all of minor importance, or that can in any way be regarded as cases of police:

	1837-	1886.	1859.
Blasphemy	-1	- 3	.1
Murder (by violence)	85	24	35
(with aron, &c.)	ŏ	i	į
(child) (abortion)	18	12	15
Amon	š	. 5	3
Burglery and highway robbery Sacrilege	8	15	15
A bominable offence	11	-6	8
Incest, &c	12	17	17
Porgery	150	187	159
Rapit	0		1
Total	255	309	285

In addition to the above there were, in 1837, 2,456 cases of theft; in 1838, 3,290; and in 1839, 2,814 do. But there are no means of distinguishing, in these cases, between petty or police cases, and those of a graver description. (Art. on Sweden, Foreign Quarterly Review, No. 55. p. 189.)

scription. (Art. on Sweden, Foreign Quarterly Revlew, No. 55. p. 169.)

The frequency of forgery in so poor a country is a consequence of the general use of paper money, which supplies at once the greatest temptations to and facilities for the commission of the crime. On the whole, however, it is very difficult to give any satisfactory explanation of the causes of the many crimes, some of them of a very atrocious kind, that take place in Sweden. A considerable influence has been ascribed, and with justice, to the obligation imposed on peasants, without any regular occupation or trade, of finding sureties, or bondsmen, to quarantee their payment of the taxes due to government, or else of their being subjected to imprisonment. Great stress has, also, been laid on the defective and crowded state of the prisons and houses of correction, in which, as already seen, great numbers of persons who have committed the most trifling offences, are shut up with the greatest criminals. The prevalence of dram-drinking is, no doubt, also a most prolific source of crime; as is the interruption given to the labours of the peasantry, and the idle habits generated by the posting system; and, more probably than any other, the increase of poverty arising out of the continued subdivision of the land, and the want of an efficient system for the support of the numblowed and necessitious noor.

more probably than any other, the increase of poverty arising out of the continued subdivision of the land, and the want of an efficient system for the support of the unemployed and necessitous poor.

The proportion of illegitimate to legitimate births is higher in Sweden than in most other countries. Mr. Laing has given some statements illustrative of what he considers to be the cause of this state of things. We doubt, however, whether they be entitled to much weight; and, in point of fact, a good many of the unions which give rise to illegitimate births, are really equivalent to a species of marriage, though without the sanction of the law. A good deal, also, is to be sacribed to the establishment of foundling hospitals in the capital and other greet: towns. But, whatever may be its causes, this demoralisation is not, as Mr. Laing seems to have supposed, of recent origin. "It y a becaucous de libertisage dans les grandes villes: it commence quelquefois awant lage de 12 ares, et il est pouses à l'excet jaugu'à 18 ou 20. Alors les jeunes g'un amani; et après quelques années, elles se marient, y am amani; et après quelques années, elles se marient, g'un amant; et après quelques années, elles se morient, ort avantageusement pour l'ordinaire; les hommes ne

DEN. 745 four sulle attention à la vie amétrieure. (Voyage de Doux. Français, il. 422.)
It is only, however, by attending to the statistical returns of committais and convictions, that a traveller in Sweden is made to suspect the existence of any considerable amount of immorality. "Whatever," says Mr. Laing, "may be the want of morals in this country, there is no want of manners. You see no blackguardism, no brutality, no revelting behaviour. You may travel through the country, and come to the conclusion that the people are among the most virtuous in Europe." Mr. Laing further tells us that though he travelled slowly, across the country, stoppling every eight or ten miles at Mr. Laing further tells us that though be travelled alowly, across the country, stopping every eight or ten miles at the houses at which the people are supplied with spirits, be only saw one party of peasants a little thosy, but by no means drunk. We suspect, however, that Mr. Laing's optics had been somewhat defective, or that he had been too squeamist to look into the places or join the parties where intoxication was most likely to prevail. At all events, other and later travellers tell a very different story. There cannot, in fact, be a doubt of the frequency of drunkenness, not withstanding it is liable to be punished by a fine of about fer, or six days hard labour in the house of correction!

Army.— The Swedish army comprises three different kinds of troops; viz. enlisted soldiers, always on pay and duty, indelta soldiers, and the conscription, or local militia. The numbers of the two first are seen by the following table:—

Enlisted Treops.			Indelta Porce.			
Horse Guards Artillery - Infantry -	\exists	:	1,000 5,416 2,200	Cavalry - Infantry -	:	- 7,000 - 94,500
Total	•	-	8,346	Total	$\overline{}$	- 39,846

The militia is roughly estimated at about 95,000 men. The indelta system, which is peculiar to Sweden, originated with Gustavus Adolphus, was permanently established by Charles XI., and has continued, with some trifting modifications, in full operation to the present day. "To understand it fully, it must be borne in mind that the whole of Sweden is divided into military districts or provinces, each of which is bound to contribute a certain number of men to this branch of the national force. Each holder of as much crown land as forms a hemman is bound to provide a man, to whom he assigns a cooff of Each holder of as much crown land as forms a hemman is bound to provide a man, to whom he assigns a croft of land, with a cottage, cowhouse, and barn, and an annual money allowance of about 11. 8a., one suit of rough clothes, and two pair of shoes. The croft is cultivated by the soldier himself while at home; but during his absence on service with the army at the annual reviews, or on any government employment, it is cultivated by the landholder for behoof of the family. When the soldier dies, his widow and children transfer the house, &c., to his ancessor, whom the landholder, under a consider. andholder for behoof of the family. When the solder dies, his widow and children transfer the house, &c., to his successor, whom the landholder, under a considerable penaity, is bound to provide within three months. To furnish a cavalry soldier with his horse, &c., two or three hemmans are united; but both in regard to cavalry and infantry, the provinces are divided in such a manner that the colonel of each regiment shall have his farm (also provided in the way just explained) as nearly as possible in the centre of the regiment; a captain in the centre of his company; and so down, through the lowest non-commissioned officers. The farms occupied by officers are large and valuable. The landholders are bound to transport the men, with their baggage, to the annual reviews, and to allow them so much a day for their expenses. Government furnishes the uniforms, and in time of war gives the men higher pay, which is afterwards raised from the landholders. In time of peace, these soldiers are turned to excellent account, by employing them on roads and other public works; and when not required for these purposes, they are bound to labour for the respective landowners, at the current rate of daily wages. The number of officers in this corps, as, indeed, in the whole Swedish army, is unusually small, there being only one officer to about every 40 men, while, in France and Austria, there is an officer to every 12. (**Premner**, 408.) Sundays are the usual days of inspection. Mr. Bremner and other travellers speak in the highest terms of the fine appearance of the Swedish troops.

The militia consist entirely of foot soldiers, provided with clothing, arms, &c., by the government. The artillery train is composed of about 220 pieces of various calibre. The chief arsenals are at Stathball. bre. The chief arsenals are at Stockholm, Gottenburg, and Christianstad. The principal fortresses are, Wanas, ou the lake Wetter; Waxholm, near Stockholm; Carlscrona, and Christianstad. In the island of Gothland, where there are no lands fit for the maintenance of the troops, all the male inhabs. between the ages of 20 and 50 may be called on to take arms in defence of the island, if attacked.

The annual expense to the country of an indelta regiment of 1,200 men, amounts to about 8,500′ sterling. The whole cost of the army and fortresses, exclusive of

the maintenance of the indelta troops, is fixed in the budget of 1840 at 4,105,110 rix.-doll, banco, equivalent to

budget of 1840 at 4,105,110 rix.-doll. banco, equivalent to about 343,0004. a year.

Nowy.—The naval force of Sweden consisted in 1840 of 10 ships of the line, 8 frigates, 8 brigs, &c., and 347 gunboats, 3 royal yachts, and sundry steem-vessels. The permanent seamen at command of the government may amount to about 8,000 men. They are maintained in the same way as the Indelta troops, by assignments of lands. Together with conscripts, the whole naval force may be augmented to about 8,000 men. The Swedes are excellent sailors, and especially skilful in the management of small craft. The chief naval stations are Cariscrons, Stockholm, and Gottenburg. The annual expense of the the navy amounts to 1,351,430 r. doil. banco, or about 110,000.

The Religious of the state, and of nearly all the inhabs,

The Religious of the state, and of nearly all the inhabs., is the Lutheran; there being only about 2,000 Catholics, and under 1,000 Jews. There is one archibishopric, that of Upsala; and 11 bishoprics. The functions of max of upsain; and it biasopries. The functions of public worship are exercised by about \$,000 ecclesiastics. The higher order of the clergy are nominated by the king from lists presented by each diocese: the election of curates and others of the inferior orders, is left to the people at large. The revenues of the clergy generally are derived from church lands, &c.: the bishops receive. are derived from cauren lands, &c.: the bishops receive, in addition, a tithe on corn, and one from the inbabs. of the four or five parishes surrounding the episcopal residence. The revenue of the archibishop of Upsala does not exceed 800L a year. The richest bishopric, that of Linkopping, is worth about 560L a year. The bishop of Hernosand has scarcely 240L a year. The clergy are an inspectative bad?

mportant body.

All sects are tolerated in Sweden, but with this important restriction, that Lutherans only can be advanced to any employment under the state. According to Laing, people, generally speaking, are extremely super-

to any employment under the state. According to Laing, the people, generally speaking, are extremely superstitious.

The churches are generally well kept, and great attention is paid to the outward forms and ceremonials of religion. Much more liberality is shown towards Jews in Sweden than in Norway; and there are synagogues at Stockholm, Gottenburg, Norkopping, and Cariscrona. A dissenting sect called Läsere, or readers, has lately become very numerous in Lapland and the N. parts of the country. "In Sweden, generally, all kinds of amusements begin the moment that public worship is over—in the country, daneing and drinking; in the capital and large towns, theatres, equestrian exhibitions, rope-daucing, balls, &c. In fact, the Swedes appear to regard the sabbath as terminated with the service of the day; but to atone for shortening it so much, they commence its observance, at least in the rural parishes, at six c'clock on the Saturday evening. As soon as that how c'clock on the Saturday evening. As soon as that how c'clock on the Saturday evening. As soon as that how c'clock on the Saturday evening. As soon as that how c'clock on the Saturday evening. As soon as that how c'clock on the Saturday evening, are begun." (Bremser's Escursions in the North of Europe, il. 22:)

Public Instruction.—Elementary instruction is in a very advanced state in Sweden. Every adult person must give proof of ability to read the scriptures before can exercise any act of majority; and notwithstanding the dispersion of the pop., it is said that there is not one individual in 1,000 of the adult pop. unable to read. Parents in the humblest circumstances are all able to even in the surface and the called the control of their children.

Parents in the humblest circumstances are all able to give instruction in reading and writing to their children. No qualification is required in a teacher by the local No qualification is required in a teacher by the local authorities other than good character, it being left to the public to decide as to the capacity of the teacher, and the

public to decide as to the capacity of the teacher, and the merits of his modes of instruction.

There are two universities, viz. those of Upsal and Lund, at either of which the instruction is of a very superior description. Subordinate to these are the gymnasia or provincial high-schools, in which are taught the branches of education necessary for the students before entering the universities. In 1830 there were 3,000 establishments for elementary instruction, attended by 11,195 pupils, of whom 572 belonged to the class of nobles, 1,410 to the clergy, 3,499 to public functionaries, 2,899 to burghers, and 2,815 to the peasantry. The budget for 1842 and subsequent years includes the sum of 82,407L, appropriated for the use of the eccleinsstical department, universities, schools, &c.

sum of 82,4071., appropriated for the use of the ecclesisatical department, universities, schools, &c.

An academy for perfecting the Swedish language was founded by Gustavus III. in 1786, and a royal academy of sciences originally established by Linness. There are special schools for the military and naval service, and others of history, antiquities, belies-letters, &c.

Public Press.—The press is free by law, every man being responsible for what he publishes. In 1812, however, a temporary power for the seizure of periodical publications was granted by the diet, and has been since continued, notwithstanding the efforts to obtain its abolition. Upwards of 80 newspapers are published in the kingdom, 19 of which are issued in Stockholm. Several, however, consist almost entirely of advertisements, which, as they pay no tax, are very numerous, and as they pay no tax, are very numerous, and as which, as they pay no tax, are very numerous, and are employed as the means of transacting business among

even the lower orders. In all offences of the press the same jury officiates both as grand and petty jury, there being no revision or appeal from the first decision of the cour

court.

Arts, &c.—The arts and sciences have been successfully cultivated in Sweden. Antiquities formed the first objects of national research; but their study was superseded in the time of Linneus and Scheele by that of natural history and chemistry. The reign of Gustavus 111.

The Swedes annually import from 6,000. to 7,000. worth of foreign books, mostly French, English, and German. Among distinguished authors and men of science, Sweden has produced Linneus, Tycho-Brahe, Scheele, Bergman, Puffendorf, Berselius, &c. The taste of the ancient Scandinavians for music appears in the present day to man, runemoor, Berselius, etc. The taste of the ancient Scandinavians for music appears in the present day to have descended to only the higher and middle classes. At Stockholm there is an opera, which, as well as the theatre at Gottenburg, is regularly open during a part of the year.

the year.

Races.— With the exception of a few Finns and Laplanders, in the more northerly parts of the kingdom, the inhabs. of Sweden are wholly of Gothic descent. The Finns, however, are supposed to have at one time occupied the whole country, and to have been driven to the forests and fastnesses of the north by an irruption of Goths come centurits before our gra. And, whatever truth there may be in this theory, it is, at all events, certain that, as no irruption of any other tribe has taken place into Sweden since the supposed Gothic invasion, the blood of the Goths must be found there in a state of comparative purity. The description of the Gernams given by Tacitus might, indeed, be applied to the Sweden of the central and southern parts of the kingdom, who are a tail, robust, fine race of men, with fair complexions, light hair, and blue eyes. But to the N. of 52½ or 630-lat., these characteristics begin to disappear; light hair, and blue eyes. But to the N. of 52½ or 630-lat., these characteristics begin to disappear; jught hair becoming uncommon, and the complexion being frequently brown, and even tawny.

During the disastrous period from 1800 to 1810 there was a progressive diminution of the pop.; but since the accession of his present majesty, a great change for the better has taken place. The pop. which amounted to \$2,84,620 in 1820, had increased to \$1.08,772 in 1839, being an increase of 525,000. And the produce both of corn - With the exception of a few Finns a

x,00x,000 in 1930, had increased to 3,100,773 in 1839, being an increase of 525,000. And the produce both of corn and potatoes having increased still more rapidly, it follows that the pop. is not only increased in amount, but, which is of more importance, has acquired a proportionally greater command over necessaries and conveniences.

veniences.

Historical Notice.— The early history of Sweden is obscure, and has little interest, at least to foreigners. The Swedes being discontented with their king, Albert of Mecklenburg, who had been raised to the throne, in 1865, Margaret, Queen of Denmark, styled the Semiramis of the North, a princess of extraordinary talent, availed herself of the opportunity to establish ber authority in Sweden. In this object she was completely successful; and by the famous treaty of Calmar, coacluded in 1397, the three kingdoms of Denmark, Sweden, and Norway were united under the sway of Margaret. But the Swedes speedily became dissatisfied with this union; and the cruel and tyrannical proceedings of Christian II. excited a rebellion that terminated in the emancipation of Sweden. The famous Gustavus Vasta led the Swedes in their struggle for independence. He union; and the crute and dynamical proceedings of Christian II. excited a rebellion that terminated in the emancipation of Sweden. The famous Gustawus Vasse lied the Swedes in their struggle for independence. He hoisted the standard of revolt in 1520; and having entered Stockholm in triumph, in 1523, was raised by the unanimous suffrages of his fellow citizens to the throne. Gustavus, who subsequently introduced the Protestast religion, died in 1560, in the 70th year of his age, and the 40th of his reign. "Equally great as a legislator, a warrior, and a politician, he distinguished himself in every station; whether we consider his cool intrepldity and enterprising spirit, his bonest integrity, and political foresight, his talents for legislation, his attachment to letters, and encouragement of learning, his affability, and his solid and enlightened piety. These great qualities, set off by a graceful and majestic person, and heightened by the most commanding cloquence, dregeneral esteem and admiration; and it may be justly said of him, that the most arbitrary monarch never exercised a more unbounded sway over his vassals, than Gustavus possessed from the voluntary affection of his free-born subjects." (Cove. iv. 152).

Eric, the son and immediate successor of Gustavus, manifested symptoms of that insanity, which, unhappily, has since been exhibited on more than one occasion by the princes of the house of Vasa. Gustavus Adolphus, grandson of Gustavus Vasa, ascended the throne in 1611. Under this great prince, who was at once an enlightened ruler and the greatest general of his time, the giory and power of Sweden attained to a maximum. At the outset of his reign he was involved in hostilities with the Russians, the Poles, and the Danes, which he terminated with the most triumphant success, having acquired lagria and Carelia from the Russians, Livouis from the Poles,

with sundry valuable territories from the Danes. successes, and his reputation for ability and disinterest-edness, naturally made him the leader of the Protestant party, in the struggle they had to wage against the power and ambition of the house of Austria. And though his glorious and successful career was prematurely terminated by his death at the battle of Lutzen, in 1632, his ex-

ated by his death at the battle of Lutzen, in 1632, his ex-ertions were mainly instrumental in bringing about that freedom of religious worship, and that equal distribution of power, established by the treaty of Westphaila. The success that had attended the arms of Sweden under Gustavus, continued to attend them under his daughter Christina, who abdicated the through in 1864, and his other successors down to Charles XII., who became

king in 1697.
This extraordinary individual, celebrated alike for his This extraordinary individual, celebrated alike for his successful exploits and his reverses, well nigh consummated the ruin of Sweden. Inflexible in his resolutions, which were inspired by an ambition that was closely allied to madness, the success that attended his early campaigns made him regard every thing as possible, and precipitated him into the most extravagant projects. But the battle of Poltows (which see) put an end to his career of conquest; reduced him to the condition of a fugitive; and gave Russia a lasting ascendancy over Sweden.*

Sweden.*

Charles XI. and Charles XII. enjoyed a nearly absolute authority; but the calamities entailed on the country by the folly, or rather insanity of the latter, led, on the accession of his sister Urica Bleonora to the crown, to the enacting of limitations, by which the royal authority was very materially circumscribed. It was, however, again colarged in 1772.

Gustavus the 111. having been assassinated in 1792, was succeeded by Gustavus IV. then a minor. As soon as this prince had been declared major he embroiled himself in hostilities with France, from which Sweden certainly had nothing to fear. He next engaged in a quixotic contest with Russla; and when the latter had overrun Finland and was threatening an attack on Stockholm, he had the unparalleled folly to reject the assistance of 10,000 English troops who had arrived at Gottenburg! Under these circumstances the dethronement of the king became indispensable to the safety of the tenburg! Under these circumstances the dethronement of the king became indispensable to the safety of the state; and this was effected by a bloodless revolution in 1809, when his uncle, who took the title of Charles XIII., was raised to the throne, prince Christian of Holstein-

Augustenberg, being, at the same time, declared crown nuguessanowy, using, at the same time, declared crown prince and successor. On the premature death of the latter Marshal Bernadotte, prince of Ponte Corvo, was elected successor to the crown by a Diet held at Orebre in 1810; and having accepted the honour, he soon after arrived in Sweden, of which he became king on the death of Charles XIII. in 1818.

of Charles XIII. in 1818.

There can be no question that the revolution which brought Marshal Bernadotte to Sweden has been of vast advantage to that kingdom. The taint of insanity in the princes of the house of Vasa, even had it been less obvious than in the cases of Charles XIII. and Gustavus IV., was quite sufficient to justify a change of dynasty. And if great services, a mild, equitable, and enlightened system of government, and an unblemished private character, be any title to the esteem and affection of a people, few princes had a better claim than Charles-John to the esteem and regard of their subjects. (Exclusive of the works referred to in the course of this article, we have derived much valuable information from private parties. derived much valuable information from private parties

Swink MUNDE, a town of Prussia, in Pomerania, on the E. coast of the island of Usedom, on the middle mouth of the Oder, or rather of the lagoon, or haff, which receives it previously to its falling into the sea, lat. 33° 56° N., 16ng. 11° 15° 15° E. Pop. 5,000. It is the outport of Stettin; all vessels destined for the latter, that draw more than 7 or 8 ft. water, being obliged to load and unload by means of lighters at Swinemunde. Formerly there were not more than 7 ft. water over the bar at the river's mouth; but it has recently been so much improved by dredging, the construction of plera, &c., that vessels drawing from 19 to 21 ft. water, come to the quays of Swinemunde, and its port is now the very best on the whole S. coast of the Baltic. In 1840 there arrived at the port 1,744 vessels of the aggregate burden

best on the whole S. coast of the Baltic. In 1840 there arrived at the port 1.744 vessels of the aggregate burden of 170,348 tons, the value of the imports for the same year being estimated at 1.238,900. (See STETTIN.)
SWITZERLAND (an. Helvetia, including part of Rhavits), an inland and mountainous country of Central Europe, having Germany on the N. and E., italy on the S., and France on the W. It lies principally between the 46th and 48th degs. of N. lat., and the 6th and 11th of E. long. Its greatest length N. and W. is 210 m; greatest breadth N. and S. 140 m. It is a republic formed by the union of 32 confederated states, or cantons, the area pop., &c., of which are as follows:—

	Ι	Pop. at end of March, 1850.							
Centons.	Area in sq. m.	Citizens of canton.	Citizens of other cantons.	Foreigners.	Total pop.	Pop. to sq. m.	Rôman Catholics.	Protestants.	
	- 685·3 2,561·5	233,919 453,108	11,184	5,373 6,763	1250,698 455,115	365·8 178·8	6,690 54,044	243,928 403,693	
	587.4	128,051	4,196	189	132,846	226·1	181,274	1,572	
	420-8	42,379 13,626	1,432	40	14,505	34.4	14.493	1 11	
Unterwalden (Upper)	3 262-8 {	12,362	676	1 90	13,799	3 95-6 {	13,783	l 16	
(Lower)	•) ****	10.667	550	38	11,339	1) (11,327	12	
Glarus Zur	85.4	28,169 14,023	2,301	106	30,213 17,463	107-9	7,932 17,324	96,281 139	
Friburg	563.9	91,124	7,375	1.335	99,890	177-1	87.752	12,133	
Solothurn (Soleure) -	851.6	61,044	4,652	133	69,674	273-6	61,556	8,097	
Basic (city) -	184-6 {	11,5	11,473	6,819	29,698	3 420-2 {	5,508	24,063	
(canton) • Schaff hausen •	119.7	.59,014 .31,645	7,071	1.36%	33,300	294-9	9,059	38,818 33,880	
Appenzell (Out. Rhoder)		10.723	299	74	11,272		11,230	42	
(Int. Rhedes)	158.8 {	759,0129	5,216	174	43,621	359-3	385	42,746	
	- 747.7	150,924	15,410	3,156	100,625	\$58.8	105,370	64,192	
	- 2,968-0 - 502-4	84,177	3,228	9,190	89,895	80-4	38,039	51,855 107,101	
The Man (1415)	268-3	189,558	7,289 5,748	1,902	199,852	397·7 868·6	91,096	66,984	
	1.034.7	109,422	-0.24	7 807	117,759	113.8	117,707	50	
Vaud .	1,181-9	177,038	17,215	5,193	199,545	168-8	6,961	192,235	
	1,661.6	79,493	1,167	1,680	64,059	50-5	83,494	430	
	280.8	41,335	21,131	15,142	70,733	25%·5	5,570 29,764	54,952 54,312	
Geneva	91.3	39,756	9,141	10,111	64,146	102.3	23,704	37,812	
Totals -	- 15,233-0	2,163,000	157,296	71,562	. 2,395,178	157-2	974,187	1,417,621	

Physical Geography.— Simond has not inaptly remarked, that "Some idea may be formed of the Helvetic geography by comparing the country to a large town, of which the valleys are the streets, and the mountains groups of contiguous houses." (Travels in Switzerland, 1.41.) Indeed, by far the larger portion of Switzerland consists of mountains, comprising many of the highest summits of the Alps. There is, however, a considerable extent of fat ground in the N.W., in the cantons of Friburg. Berne, and Solothurn. The general distribution of the great Alpine chains in the S. and E. parts of Switzerland has been already noticed in the article Alps, in this Dict., 1.67—69., and need be only briefly indicated here. Two great parallel chains, enclosing the Valais, extend between Mount Blanc, in Savoy, near the S.W. boundary of Switzerland, and Mount St. Gothard. To the most southerly of these chains, called the Pennine

* The life of Charles XII., by Voltaire, is one of the m teresting pieces of biography ever published. See also the adm character of Charles XII. by Dr. Johnson, Family of Human F Vol. 11.

Alps, belong Mount Rosa, 18,180 ft., and Mount Cervin, or the Mütterhorn, 14,886 ft. in height. (Saussure.) To the N. chain, or the Bernese Alps, belong the Finsterarborn, 14,085 ft., the Monch, 18,467 ft., the Jungfran, 13,717 ft. in height, &c. (Trailes). E. of Mount 8t. Gethard, which may be considered the central point of the Swiss Alps, the Rhestian Alps stretch through the Grisons; while on the N., other chains cover with their ramifications most part of the four Forest cantons (Lucerne, Schwytz, Unterwalden, and Uri). Among the loftest summits of the Rhestian Alps are the Dödiberg, 11,763 ft.; Muschelhorn, 10,807 ft. in height. (Trailes, 11,763 ft.; Muschelhorn, 10,807 ft. in height of which is but little inferior. Most of the preceding chains have a general direction from S.W. to N.E. But the direction of the the main ranges throughout the rest of Switzerland is generally towards the N. or N. W., which, also corresponds with the general slope of the country. In the W., however, beyond the lakes of Neufchâtel and Bienne, the slope of the surface is towards the N. E. The moun.

Rhine, are the only other streams that deserve notice.

Switzerland has a greater number of lakes than any ownterming has a greater number of taxes than any other tract of country of equal extent in Europe, excepting, perhaps, the grand duchy of Finland. All these lakes are navigable, and remarkable for the depth and purity of their waters, and their great variety of fish. The following is a

STATEMENT showing the probable Area, Height of Surface above the Sea Level, and greatest ascertained Depth of the principal Swiss Lakes.

Lakes-	Area in eq. m.	Height above Sea.	Greatest Depth.
Lacorne Zarich	 240 200 90 43	Fy. 1,200 1,255 1,720 1,350 1,362 1,896 1,902 1,385 1,419 1,385 1,748	Fr. 1,01% 964 400 900 640 790 500 1,278 7 400 500

The lakes Maggiore and Lugano are partly, also, in Switzerland. A notice of most of these lakes will be found in this work under their several heads, or those of the different cantons in which they are situated.

found in this work under their several heads, or those of the different cantons in which they are situated.

Switzerland is almost wholly composed of primary and sedimentary rocks: voicanic formations are rare. The geological constitution of the mountain chains has been already notised. (Arra, Juza, &c.) The central portion of the Alps consists of grantic, gnests, porphyry, and other primary rocks, inclosed successively by transition and secondary formations: the Jura is wholly of a remarkable limestone formation. But the region between the Alps and the Jura is occupied with a peculiar formation of green sandstone, called molasse, or magnifester, alternating occasionally with limestone and grauwacké, which extends throughout all the lower parts of Switzerland into S. Germany. This deposit has been classed with those of a tertiary kind, and Brogniart and other geologists suspected it to be of a date posterior to the formation of the Paris basin. For particulars respecting the complicated geology of Switzerland, the reader may consult the works of Saussure, Humboldt, Brongniart, Lyell, &c.

The mineral riches of the mountains are but little known or explored; a few iron mines in the Jura being the only ones that deserve notice. There are numerous mineral springs, many of which are resorted to medicinally; and those at Bex, and others in the canton of Basle, furnish considerable quantities of salt. A few insignificant coal beds have been met with; but the remaining mineral products of any value are mostly confined to slate, marble, gypsum, granite, and other kinds of building stone.

of building stone.

of building stone.

The climate is not only dependent on elevation, but on the influence exercised by the glaciers in cooling the atmosphere, the openings and exposure of the valleys, &c. But, on the whole, Switserland is a much colder country than its lat. and situation in Europe would appear to warrant. At Berne, the mean annual temp, is about 45° Fah.; at Basle, 46°; and at Genera (1,300 ft. above the sea), 464° Fah. The climate in the Alpine regions is believed by some to have become colder in recent times; since the line of perpetual snow (which here varies from about 9,300 to 9,600 ft. above the sea) has certainly descended lower, as compared with a former period; the glaciers have increased in number; and many tracts are now bare, which were formerly covered with forests and neature, grounds. pasture ground

pasture-grounds.

The regetable products of nearly all the different sones of continental Europe are found in Switzerland. The Valais, which has the widest range of vegetation among the Swise cantons, produces, without culture, nearly 2,000 species of plants, exclusive of 1,000 cryptogamia. In

748 SWITZE tain-system of this part of Switzerland is that of the Jura (see anse, 95.); a system composed of several parallel ranges of mountains, inclosing very long and narrow valleys, but nowhere rising to 6,000 ft. in height.		ucts, the country may be or zones, according to its
(Resembles Organistic de l'Europe : Picol, Ebel, &c.)	Regions.	Productions.
The great rivers Rhine, Rhone, Inn, Ticino, and Doubs (see the names), have their sources in Switzer- land; after which, the chief river is the Aar. The Aar		Limit of the vine. In lower parts of Tessin and Value.
(see the article) rises at the foot of the Finsteraarhorn, and runs at first E., but afterwards N.W. through the lakes of Brienz and Thun, to about 9 m. W. Berne, when	1	the fig. pomegramete, &c. Limit of the elm. Backwheat and mains to 2,300 ft. Chan- nut ceases at \$,000 ft.
it turns N.E., and finally falls into the Rhine, near Klingenau, after a course of about 175 m. This river, which drains by far the greater part of Switzerland, re-	Beech do 5,500 — 5,500	Flax, hemp, and buriey flou- rish at 4,000 ft., about which Italian papear, ask, and wild cherry cases.
coives on the right the Emmen. Wigger, Sur, Reuss, I	Pine and fir do. 5,300 — 6,800	Neither pointose, apples, or pears grown.
Limmat, &c. and on the left, the Simmen, Saane, and Thiele. Unterseen, Thun, Berne, Solothurn, and Aarau are on its banks. The Thur and Birs, tributaries of the	Lower Alpine do. 6,800 — 8,500	Limit of trees of every kind. Includes some good passesses land.
Rhine are the only other streams that deserve bolice.	Upper do 8,500 — snow line.	Only shrubs and Alpine plants.
Switzerland has a greater number of lakes than any other tract of country of equal extent in Europe, except- ing, perhaps, the grand duchy of Finland. All these lakes	Snow region, above line of per- petual mow.	Sarifrage oppositifule, gen- tions, chrysenthemesse, &c.

There are, no doubt, various exceptions to this table consequent on difference of lat., position, &c.; but it may be considered as applying to the country generally (Wahlenberg, De Veget. in Helv.; Kasthofer, Voyage &c.; Note in Foreign Quarterly Review, I. 210—213.) Among the wild animals of Switzerland are the bear

Among the wild animals of Switzerland are the bear, wolf, jux, wild boar, thamols, ibex, deer, and game of all kinds, the marmot, ermine, &c. The chamols is becoming scarce. The remarkable variety of the spaniel, so useful, and the breed of which is preserved with such care at the hospice of St. Bernard, is of Spanish decent, and frequently attains the height of 2 ft. and the length of 6 ft. The birds of prey comprise numerous species of eagles and vultures, one of which latter, the lassenergeger (lamb-destroyer), is said to be the largest native bird of Burope. Salmon, trout, carp, &c. inhabit the lakes. There is only one venemous serpent, the Colisber berss; but the insect tribes are more numerous han we might be led to suppose from the rugged and elevated nature of the country.

Property, Agriculture, &c.—Switzerland is a country

than we might to let to suppose riven the rugges are elevated nature of the country.

Property, Agriculture, &c. — Switzerland is a country of small proprietors. An estate of 150 or 200 acres, belonging to an individual, worth perhaps from 90t. to 100t. a year, would be considered large every where, except in the canton of Tessin, or the Emmenthal, in Berne, and a few other districts, where local customs exist to provent the too great division of property. Except in certain of these districts, the property of individuals is at their death divided in equal shares among their children, without respect to sex or seniority. In certain cantons, however, as Glarus, landed property cannot be left to any one not a direct descendant, and, falling such heirs, it becomes the property of the government. Indeed, several of the esations and governments, as that of Berne, and the greater number of the towns, possess a very great extent of landed property. But this is generally apportioned in small lots to the different parties having right to it, or is depastured in common. Switzerland, in fact, is almost wholly a pastoral country: little corn is produced, and depastured in common. Switzerland, in fact, is almost wholly a pastoral country: little corn is produced, and the crops are scanty and precarious. Cattle, sheep, and goats constitute the chief riches and dependence of the inhabs. There are, generally speaking, no farmers; such proprietor farming his own small portion of land, and the mountainous tracts belonging to the different commentities being, as already stated, depastured in common. No foreigners can become possessors of land, nor can native Jews in several of the cantons.

Switzerland has been estimated to composing \$55,000.

Switzerland has been estimated to comprise 2,350,000 morgen arable land, 900,000 do. land in artificial patures, 120,000 do. vineyards, and 2,400,000 do. forests. (Neigebaur's Schutz, Alig. Erdbaude, xxi. 51.) R is only in the canton of Thurgan that corn is produced in a contral cash in contrast of the cast the case of the cash of the cast the case of any considerable quantity, and even there the home growth does not exceed two thirds the required make. In Uri no corn is raised; and in certain parts of the leve. growth does not exceed two thirds the required supply. In Uri no corn is raised; and in certain parts of the Bennese Oberland wheat is treated as an exotic, and trained carefully over twigs! Rye, oats, and barley are principally cultivated; maise, however, is grown in some parse in considerable quantities. Beans, lentils, potatoes, tunips, pumpkins, flax, hemp, woad, madder, poppies, and tobacco are also grown, but to an insignificant extent. Vines flourish in several of the gantons; as on the abores of the lake of Geneva, Vaud, the Valais, Neutchâtel, Aargau, &c. The canton of Neutchâtel has been estimated to produce, at an average, about 700,000 galls., 400,000 of the lake of Geneva, Vaud, the Valais, Neuichatel, Asrgau, &c. The canton of Neuichatel has been estimated to produce, at an average, about 700,000 galls., 400,000 of which, at least, are sold in the neighbouring cantons. The manufacture of sparkling wine, in imitation of champagne, has of late years been on the increase in Neuichatel, and from 120,000 to 140,000 bottles are now annually exported. Along the banks of the Lake of Constance, and in the cantons on the Rhine, apple, post, and cherry orchards are numerous; and cider, perry, kirschwasser, &c. are made in large quantities.

"Vineyard husbandry," says Mr. Laing, "is altogether

a garden cultivation, in which manual labour, unassisted a garden cultivation, in which manual labour, unassisted by animal power, scarcely even by the simplest mechanical contrivance, does every operation; and this gives the character to all their husbandry: hand labour is applied to all crops, such as potatoes, Indian corn, and even common grain crops, more extensively, both in diging and clearing the land, than with us. It is not uncommon to find agricultural villages without a horse; and all cultivation done by the hand, especially where the main article of husbandry is either dairy produce or that of the vineyard." (Notes of a Treseller, p. 355.)

Cows, goats, and sheep, as already stated, constitute the principal wealth of the Swiss, the inhabitants of the manufacturing towns excepted; or, to discriminate more

that of the vineyard." (Notes of a Traveller, p. 355.)

Cows, goats, and sheep, as already stated, constitute the principal wealth of the Swiss, the inhabitants of the manufacturing towns excepted; or, to discriminate more accurately, the goats, in a great measure, support the poorer class, while the cows supply the cheese, from which the richer derive their limited wealth. The Swiss peasant is extremely fond of his cow; and to pass the winter without a cow to care for would be to him extremely irksome. The cantons of Giarus, the Grisons, Appensell, Berne, Tessin, and the Valais, are those most distinguished for the extent and excellence of their pastures. With little exception, all the land not covered with forests, in the cantons of Schwyts and Uri, is used for the pasturage of cattle. The Alpine pastures are estimated, not by their extent, but by the number of cows they will maintain; in the lower Alpa about 3 acres, and in the upper from 10 to 13 acres, being the usual average allowed to each. In several of the W. cantons, these pastures are mostly private property; in the E. they commonly belong to the canton, being apportioned among the different pars, each having its also, or common pasture for its cows. Each inhab. Is entitled to a share of this pasture from June to October. Few individuals, however, have such a number of cows as would repay the labour of attending them in summer on the mountains, and to make the cheese. The owners of the cows get credit daily for the quantity of milk furnished by their cows; and the produce of the sale of cheese at the end of the season, the expense being deducted, is divided amongst them in proportion to the total quantity of milk furnished by each. (Laisag's Notes of a Traveller, 351.) When let, the mountain pastures are rented from the middle of May to the middle of Sept., the cattle being kept in the lowlands during the remaining eight mounts of the year. The term of the lease on which they are let rarely exceeds a summer. Six or eight goats, or about four calves, is reckoned equal to five or six cows, because he roots up the grass. The Swiss cows are very handsome animals, and so valuable that, even in Switzerland, they fetch about 200 each. They yield more milk than those of Lombardy, where they are in great demand. In some parts of Switzerland, with 40 cows, a cheese of 45 lbs. may be made daily; and in the vicinity of Athorf, they make, in the course of 100 days, from the 20th of June, two cheeses daily of 25 lbs. each, from the milk of 18 cows. Cheese appears to have been an important article of export from Switzerland from a remote period. Many varieties are made; the most celebrated of which are those of Schabzleger (see GlaRus), and of Neufchâtel and Gruyère (which see). About 30,000 cwt. Gruyère cheese is said to be annually exported; and from the middle of July to Oct., about 30,000 cwt. Gruyère cheese is said to be annually exported; and from the middle of July to Oct., about 30,000 cwt. Gruyère dia transporting Swiss cheeses over Mount Grias.

The total number of cattle in Switzerland has been

port of the cattle during winter makes the collection of grass for hay a work of paramount importance. Hence, wherever it is found it is carefully collected; and the peasants, having crompons on their shoes, to prevent them slipping, gather hay in places inaccessible to cattle! Grass, not three inches high, is sometimes cut three times a year; and in the valleys, the fields are shaven as close as a lowling-green, and all the inequalities clipt as with a pair of scissors. In Switzerland, as in Norway, the art of mowing seems to be carried to its highest perfection, and no where is so much skill and attention displayed in harvesting corn and hay. But arabie and meadow cultivation are both in a backward state, owing principally to the pertinactly with which the people reject innovations, and cling to old and defective methods of husbandry. On arabie lands fallows take place every 4th or 5th year, and the culture of turnips for cattle feeding is unknown. Great attention is, however, paid to the collection of both solid and liquid manure, but they are said not to be very judiciously employed; and the neglect of irrigation, which might aimost every where be easily effected, and the rudeness of agricultural implements, especially ploughs, are obvious. (Kasthofer, Voyage dans ies Petits Cantons et dans les Alpas Rhétieshes.)

The wages of agricultural labour are low; but, on the whole, the rural pop, may be considered well off. Mr. Symons says, that "it would require 30s. a week in England, in the neighbourhood of any country town, to put a man, his wife, and 3 children (3 of whom shall be above 15 years of age), in the same condition, and in all physical respects, on a footing with the average of Swiss aristan peasants having the same family." (Rep. on Swiss Henstloom Wessers.) We incline, however, to think that this is a very exaggerated statement; and from all that we can learn, the agricultural labourers in most parts of England and Scotland have no reason to envy the condition of those of Switzerland. The diet of

trunks of pines, and having rarely any furniture, except the necessary dairy utensiis.

Chamois hunting, fishing in the lakes, and boat building, employ some of the inhabs. in the intervals of agricultural industry, but to no great extent. A great number of Swiss emigrate to foreign countries, where they act as valets, and embark in various trades, especially those of confectioners and bakers; always returning, however, to spend or invest their gains in their native land. The Swiss have also been for centuries the condustier' of Europe; and have always been ready to barter their blood and bravery, or to enter into the mill-tary service of any sovereign or republic that chose to hire their services, and to support any cause, however untary service of any sovereign or republic that chose to hire their services, and to support any cause, however unprincipled or unjust! There were formerly numerous Swiss regiments in the service of France and Spain; and they are atill extensively employed by the king of Naples, the Pope, and the king of Sardinia. A Swiss, in fact, will do any thing for money, and nothing without it. Hence the proverb, point d'ergent, point de Suisse. The foreign mercenaries are extremely economical; and such of them as survive return home with all that they have been able to amass. have been able to amass

cheese is said to be annually exported; and from the middle of July to Oct., about 300 horses are employed in transporting Swiss cheeses over Mount Grias.

The total number of cattle in Switzerland has been vaguely estimated at 800,000, of which 500,000 are cows. (Schwiz.) They are principally of two distinct breeds: one of large size, with branching horns, mostly inhabiting the lower parts of the country; and another called the Obertassder, a small and inferior species, confined chiefly to the Alpr. The best cattle are those of the Simmenthal, the district of Saanen, and the cantons of Friburg and Solothurn; the last being especially remarkable for the excellence of its oxen. Cows, as well as oxen, are employed for the plough. The horses, though not handsome, are strong and spirited, and well as achieved to the converse where they are mostly used for the converse where they are mostly used for the converse where they are mostly used for the converse of passengers and merchandise. The stock of sheep is estimated at half a million, and of goats at about the same number. There are two varieties of sheep, one native covered with a coarse white wool; and the other a Flemish breed, with fine wool of a dun and yellowish colour. But sheep are not a favourites tock, and it is only in a few places that the improvement of their fleeces, by crossing with merinos, has been at all attended to. Hogs are of a large but coarse breed, and are principally kept in the Forest cantons.

The urgent necessity of collecting fodder for the sup-

cotton and silk fabrics are the principal employment of the inhabs. of the E. and N.E. cantons. In the Grisons, and the Italian cantons S. of the Swiss Alps, there are few, if any, manufactures. The principal manufacturing cantons of German Switzerland are Appensell (outer Rhodes), St. Gall, Thurgau, Zurich, Aargau, and Basle; and in the French part of the country those of Geneva and Neufchâtel. Appensell and St. Gall are the principal seats of the cotton trade, which Mr. Symons has roughly estimated to employ between 600,000 and 700,000 spincelles. Raw cotton is imported from England, France, Holland, and Trieste; cotton twist of the higher numbers being almost wholly brought from England. Cotton printing is conducted to some extent in Neufchâtel, where the quality of the water, and perhaps other physical circumstances, conspire to produce brilliant and besultful colours, in which, indeed, consists the whole excellence of the Swiss goods. The silk manufacture is mostly conducted in Zurich and Basle. The raw silk is drawn from various foreign states, but chiefly from Lombardy, from which country also four fifths of the organsine are brought. The watch-making trade in Geneva and Neufchâtel is of very great importance. (See the articles.) which country also four fifths of the organisine are brought. The watch-making trade in Geneva and Neuf-châtel is of very great importance. (See the articles.) France furnishes to Switzerland about 50,000 movements (Fance furnishes to Switzerland about 50,000 movements (Edusches) annually, and receives all her fine works and watches from the Swiss manufacturers. The watch-making business in France is in reality of no great importance, most of the artisans being employed in what is called the repassage of the works originally produced in Switzerland. (Bouring's Rep., p. 12.) Nearly 190,000 watches are made annually in the elevated regions of Neufchâtel, and many more, besides Jewellery, in the canton of Geneva, a large portion being smuggled into France. Linem fabrics, damasks, &c., rivalling those of Belgium, are made in Berne, in which canton, however, there are few manufactures of consequence except those of linen. In addition to the above, woollen cloths, paper, leather, straw plait, iron goods, &c., are made in various places, but many of these have declined in favour of those above specified.

It is easy to see that the foundation of Swiss manufactures is laid in the peculiar distribution of property in the country, and the necessities of the inhab. Most families have a small patch of land; but as its cultivation does not occupy half their time, and is besides unable to afford them more than a scanty supply of the most indispensable necessaries, they naturally endeavour to eke out their

not occupy half their time, and is besides unable to afford them more than a scanty supply of the most indispens-able necessaries, they naturally endeavour to eke out their limited means by engaging in weaving and such like em-ployments. And inasmuch as all they make in these em-ployments is so much clear gain, so much added to the fund on which they must otherwise subsist, it is plain they can afford to work at the lowest possible cate of they can afford to work at the lowest possible rate of wages; and, in point of fact, their eulogists, Symons and Bowring, admit that their wages are reduced to the

they can afford to work at the lowest possible raise of wages; and, in point of fact, their eulogists, Symons and Bowring, admit that their wages are reduced to the smallest pittance.

The Swiss, from their situation in the centre of Europe, are obliged to pay an enhanced price for their cotton and yarn; so that their whole advantage consists in their being able to reduce wages to next to nothing without being deiven from the business. We believe, however, that even this resource will not be found to afford them adequate protection; and that they will be compelled, by the competition of the power-looms of this and other more favourably situated countries, to relinquish all but the finer and more difficult sorts of weaving.

The indusone of the circumstances now alluded to has been increased by the wise and liberal policy followed by the government. Switzerland is a country in which the great principles of free labour at home, and free intercourse with foreigners, have been fully carried into practice. No restrictions exist upon the pursuit of any branch of trade. "Industry has been left to itself. Wealth has not been diverted, by legislative interference, from its own natural tendencies. There has been no foolish struggle encouraged by the government between the protected monopoly of the few, and the unprotected interests of the many. Two millions of men have made, under every disadvantage, the experiment of free trade as a system. The consumer has been allowed to go to the cheapest market, the producer to the dearest; and activity is every where visible alike in the trading and agricultural districts. One element only is wanting to make Switzerland the most prosperous of manufacturing nations. Capital is rapidly increasing, by the action of unrestricted, unfectered, unprotected industry." (Bowring's Rep., 3-4). The general prosperity is also favoured by other extraneous circumstances: land is, for the most hore is no national debt; and some of them, indeed, meanly discharge the expenses of their government out

it. But a commission, appointed by the Confederation in 1833, decided that such a step was altogether unad-visable; and there seems to be no great probability that Switzerland will join the League. Several of the cantons derive a considerable portion of

Several of the cantons derive a considerance portion or their revenues from a droit de péage, or duty, generally less than id. a cwt., on goods at the turnpikes on the vari-ous cantonal frontiers. A federal duty of from i to 2 batzen per cwt. is paid at the frontier of the republic on goods imported from foreign countries; but goods ex-posted from Switzerland new nodnes, and from the shgoods imported from foreign countries; but goods exported from Switzerland pay no dues, and from the absence of ad valorem duties no estimate can be made of the value either of the imports or exports of the Confederation. (Sre Geneva.) Silk, cotton goods, lace, watches and jewellery, straw plait, cattle and cheese, watches and jewellery, straw plait, cattle and cheese, watches and newleft from the content of the constitute the chief articles of export. In 1834, according to the French accounts, the value of the wime, oil, madder, brandy, salt, fruits, colonial produce, silk, woollen, and cotton manufactures, &c., exported from France to Switzerland, amounted to nearly 30,000,000 fr.; for which Switzerland sent back horned cattle, cheese, ribands, linens, thread, and other produce, to the amount France to Switzerland, amounted to nearly 30,000,000 fr.; for which Switzerland, amounted to nearly 30,000,000 fr.; for which Switzerland sent back horned cattle, cheese, ri-bands, linens, thread, and other produce, to the amount of 12,700,000 fr.; the balance being, no doubt, liquidated by the clandestine exportation of watches, lewellery, &c. Wheat is brought principally from South Germany; salt about 500,000 cwt. a year), leather, hemp, fax, chicory, tobacco, and oils, come principally from Germany, but partly from France; raw cotton, cotton twist, cotton cloths for printing, hardware, iron and other metals, fancy wares, colonial produces, drugs, dyes, &c. from England, and partly also from the Netherlands; woollen stuffs from Belgium, Swabia, and Saxony; slik from Piedmont and Lombardy, &c. Switserland enjoys a large share of the transit trade between Germany and Italy, Austria, and France. The principal lines are from the Lake of Constance across the country to Geneva; from Schaffhansen and Basie to Geneva; but especially from Basie, through Lucerne, Mt. St. Gothard, to Milian, Genoa, &c. Another line passes from Basie to Zurich, through the Grisona, and across the Splugen, to Lombardy and Trieste. The roads, which are maintained by the cantonal governments, are every where, almost, in good order; but from the rugged nature of the country, carriage is costly as compared with that in the neighbouring states. The carriage of a ton weight of goods over a distance of 30 m. frequently costs 25c.

Hardly a country in Europe has so complicated a currency, or set of weights and measures, as Switzerland, nearly each canton having its own, which differs more or less from the rest. The Swiss franc of 10 bancs = 14 French fr., and nearly 1s. 3d. Engl. German money is however, common in the R. and N., and the coinage of Milan in the S., while French money is almost universally met with.

milan in the S., while French money is almost universally met with.

Government.—The 22 cantons are united on equal terms in a confederation for mutual defence; but in most other respects each has its own independent internal administration. The government is wholly republican in every canton, except Neutchtel, in which the king of Prussia exercises the right of sovereignty. Before 1831, when important reforms took place in the Swiss constitutions, the cantons were divided into aristocratic and democratic; but at present the government is more of less democratic; but at present the government is more of less democratic; and Appensell, the functions of legislation and sovereignty are vested in the Losads gravitate, or general assembly of the inhabs., in which every citizen of full age, without any property qualification, has a vote. In the other cantons the legislative power is delegated to the Losads gravitation, are concil of representatives, elected in the primitive or general assembly of the inhabs., the elective suffrage in which is universal, or concell of the constitution of these cantons, as St. Gall and Basle (country), the primitive assemblies have a veto on the decisions of their grand council in all matters of an organic character; while in others the people at large have the right to revise their constitution in primitive assembly after a certain number of years. The grand council, where it exists, elects the petty council, or executive power, at the head of which is the burgomaster or avoyer of the canton; in other cantons the Londenswas, or Londenswas, and Londenswas, and Londenswas, or Londenswas, o

canton; in other cantons are assumbly.

The form of the general assembly.

The form of the general government, or the federal constitution, has, also, of late years, undergone great modifications. A contest was continued for a lengthened period between those who wheled to preserve for individual cantons the greatest amount of free action, and those who wished to strengthen the general government, and to render its authority paramount. It would be irksome to enter into any details with respect to this contest. Suffice it to say, that after a great deal of acrimonious discussion, which led ultimately to a civil war, the party favourable to a more intimate union of the different cantons gained a decided preponderance. In consequence a new constitution was proclaimed, on the 12th September, 1848. Under this new arrangement

the federal assembly consists of two divisions, a national the receral assembly consusts of two duvisions, a nadonal assembly, and a council of state, or senate. The first consists of deputies (111 in all) from each canton, in the proportion of a deputy to every 20,000 inhabs; and the second, or senate, consists of 44 mems., or 2 for each canton. The federal assembly chooses from among its members a National Council of 7 individuals, which is, in face the assembly convergence. But the propers com-

members a National Council of 7 individuals, which is, in fact, the executive government. But the powers committed to this council are comparatively limited; the federal assembly reserving to itself the right to declare war, to make peace, to conclude all sorts of treaties and alliances, to nominate diplomatic agents, to fix the amount of the military force, and to regulate the customs and transit duties, and other taxes imposed for public purposes, the business of the post office, of internal communication, the mint, &c.

Under the old system there was no proper judicial tribunal for the decision of disputed questions between different cantons, so that when they occurred they had always to be submitted to arbitration; the diet being authorised, in the event of the arbiters not agreeing, to appoint an umpire. Under the new constitution this objectionable system has been in so far amended that a tribunal has been constituted which determines all questions between the cantons and the Confederation, between one canton and another, and between cantons and inditions between the cantons and the Confederation, between one canton and another, and between cantons and individuals, &c. But unfortunately the judges in this tribunal, who are named by the assembly, are not appointed for life, or during good behaviour, but for 3 years only. They are really, therefore, the mere nominees of the party which happens to have at the time a majority in the assembly, so that in political matters but little weight can be attached to their decisions.

Formier's the Diet met alternately in Berne, Zurich.

can be attached to their decisions. Formerly the Diet met alternately in Berne, Zurich, and Lucerne, two years in each, but now it meets in Berne only. Religious differences had a great deal to do in bringing about the late changes; and it is a fundamental principle in the new order of things that the expulsion of the Jesuits shall be maintained, and monasteries be everywhere suppressed. This last condition has been carried into effect, with so much misplaced rigour that even the famous Hospice of St. Bernard no lower exists!

longer exists!
The revenue of the Confederation consists chiefly of a The revenue of the Conteneration consists chieffy of a money contingent contributed by the different cantons proportionally to their military contingent, and of the toils on imports collected by the frontier cantons, and accounted for by them to the assembly. It amounted, in 1849, to 5,881,398 Swiss fr. The number of men each canton furnishes to the federal army varies according to its amount of pop, and resources. The total armed force canton furnishes to the federal army varies according to its amount of pop. and resources. The total armed force of the Confederation, according to the scale adopted in 1840, amounts to 64,000 men, vis. 51,800 infantry, 5,800 artillery, 5,700 cavalry, and 700 engineers. Switzerland has, however, no standing army in the strict sense of the word. It is only a milistia force, in which every male Swiss must serve for a certain number of years, holding himself at all times ready if called on for cantonal or federal service. Every two years a federal camp is formed for exercise; and at Thun, in the canton of Berne, a school for the instruction of officers is held for two months each year.

Each canton has its own code of laws, which are, in general, similar to those prevalent in Germany. In some

two months each year.

Each canton has its own code of laws, which are, in general, similar to those prevalent in Germany. In some cantons, as Friburg, Schwyts, &c., the Carolina, or penal code of Charles V., was in force down to a late period, trials were not public, and juries did not exist; but in these respects some considerable improvements have latterly been effected. The prisons in most parts of the country are in a bad state. In Berne, however, and especially in the French cantons, improved and benevolent systems of discipline have been adopted, and at Geneva the panoptic penitentiary system of Bentham has been introduced.

Religion.— Besides the Catholic and Protestant pop., the respective numbers of which are given in the table at the beginning of this article, there are about 600 Anabaptists and 1,800 Jews. The latter enjoy no political rights. Many very bigoted provisions are or recently were in force with respect to religion in the Protestant swell as in the R. Cath. cantons. The Catholic are much more numerous than the Protestant clergy, comprising altogether about 600 individuals (regular and secular), the incomes of many of whom are very considerable. There are four Rom. Cath. diocease: Chur and St. Gali, Basie*, Lansanne, and Sion; the bishops of which are Basie^a, Lausanne, and Sion; the hishops of which are suffragans of the archbishop of Milan. Tessin is in the diocese of the bishop of Como. The government of the Protestant church is considered a branch of the depart-ment of public instruction, and as such belongs to the

magistrates in the various cantons.

The Swiss Protestant church, as every body knows, was originally Calvinistic in principle, and is Presbyte-rian in its form. But the zeab by which the Swiss Protestants were formerly distinguished appears, if we may depend on the statements of Mr. Laing and others, to have

* The titular bishop of Basic resides at Solothurn, and of Lausann at Friburg.

wholly evaporated; and it is a singular and not easily explained fact, that, in the Protestant cautons, religion is, as present, less cared for, and has less influence, than any where else in Europe. The people are not infidels; but are wholly indifferent to, and, in fact, careless about religion I Mr. Laing has endeavoured, though not, as we think, with any great success, to account for this apathy to religious truths on the part of the Swiss. (Notes of a Traveller.) No doubt it is the result of a variety of causes; and is principally, perhaps, to be ascribed to something defective in the system under which the clergy are appointed, and in their training. It is right, however, to state that, notwithstauding the neglect of religion, the Swiss Protestants are eminently moral in their habits; and, though mercenary, are houset and upright in bits; and, though mercenary, are honest and upright in their dealings.

bits; and, though intercease, and objust in their dealings.

Public education is very widely diffused in the cantons. of Zurich and Aargau; for, if we may rely on a Parl. Rep. of 1837, the pupils in their public schools in 1832 were to their whole pop. as 1 to 5. In Vaud and Neuf-châtel the proportion was about as 1 to 6; and in Switzerland at large, in 1834, as 1 to 9; being consequently, in-respect of the attendance at school, befure Great Britain, the Austrian empire. Belgium, and France. Parents must give their children some sort of education, from the age of 5 to that of 8 years; or their neglect may be punished by fine, and in some cases, even by imprisonment. (See Symons's Rep., gc.) The obstinate relusal of parents to send their children to school is, however, a rare case; because no child becomes able to exercise the rights of citizenship, or is taken into service of any kind. parents to send their children to school is, however, a rare case; because no child becomes able to exercise the rights of citizenship, or is taken into service of any kind, without having first received the sacrament, which is administered to those only who have attained a certain degree of instruction. In every district there are primary schools, in which the elements of education, geography, history, singing, &c., are taught; and secondary schools for youths of from 12 to 15, in which instruction is given in ancient and modern languages, geometry, natural history, the fine aris, music, calligraphy, &c. in both these schools the rich and the poor are educated together, the latter being admitted gratuitously. There are normal schools in several of the cantons for the instruction of schoolmasters; who are subsequently paid, by the cantons, salaries varying usually from 10t. to 50t. a year. Sunday-schools exist in several cantons, and Lancastrian schools in Geneva and Vaud. (Journal of Educations, vol. iii.) There are superior gymnasia in all the chief towns. Basic has a university, which was formerly much frequented; and since 1832 universities have been established in Berne and Zurich. The ordinary expenses of a student at Berne, including living, &c., may, perhaps, be covered by from 600 to 800 Swiss fr. a year: the expense at Zurich is rather less. In the principal towns there are good libraries, and literary associations; and between 20 and 30 newspapers, besides magazines, &c., are published in Switzerland, some of which are above mediocrity, though the former are said to be saily deficient and incorrect in their foreign news and general politics.

Switserland, some of which are above mediocrity, though the former are said to be sadly deficient and incorrect in their foreign news and general politics. Every parish or community is obliged to support its own poor, who become chargeable on their own com-mune. But only those having the rights of citizenship, have a right to eleemosynary support; the privilege not being extended to others, though born in the commune.

being extended to othern, though born in the commune. In most instances, the communes have poor-funds administered independently of the cantonal government; but if these are not found sufficient, a poor-rate is leved. This rate is always limited; being in Zurich, no more than about 24d. a year from each individual. The number of poor appears to be on the decrease; and it is only in Url, Tessiu, Valais, and one or two other cantons, that pauperism is at all common.

"The peculiar feature in the condition of the Swiss pop., the great charm of Switzerland, next to its natural scenery, is the air of well-being, the neatness, the sense of property imprinted on the people, their dwellings, their plots of land. They have a kind of Robinson Crusce industry about their bouses and little properties; they are perpetually building, repairing, altering, or improving something about their tenenents. The aprir of the proprietor is not to be mistaken in all that one sees in Switzerland. Some cottages, for instance, are adorned with long texts from Scripture painted on or burn; into Switzerland. Some cottages, for instance, are adorned with long texts from Scripture painted on or burnt into the wood in front over the door; others, especially in the Simmenthal and Haslethal, with the pedigree of the builder and owner. These show, sometimes, that the property has been held for 200 years by the same family. The modern taste of the proprietor shows itself in new windows, or additions to the old original picturesque dwelling, which, with its immense projecting roof, sheltering or shading all these successive little additions, looks like a hen sitting with a brood of chickens under her wines.

foots like a new stand and the wings.

"None of the women are exempt from field-work, not even in the families of very substantial peasant proprietors, whose houses are furnished as well as any country houses with us. All work as regularly as the poorest

SYDNEY.

male individual. The land, however, being their own, they have a choice of work, and the hard work is generally done by the men. The felling and bringing home wood for fuel; the moving grass generally, but not always; the carrying out manure on their back; the handling horses and cows, digging, and such heavy labour, is man's work: the binding the vine to the pole with a straw, which is done three times in the course of its growth; the making the hay, the pruning the vine, twitching off the superfluous leaves and tendrils,—these lighter were necessary tools to be done about vinewards or twitching off the superfluous leaves and tendrils,—these lighter, yet necessary jobs to be done about vineyards or orchards, form the women's work. But females, both in France and Switzerland, appear to have a far more important role in the family, among the lower and middle classes, than with us. The female, although not exempt from out-door work, and even hard work, undertakes the thinking and managing department in the family affairs, and the husband is but the executive officer. The female is in fact very remarkably superior in manners.

thinking and managing department in the family affairs, and the husband is but the executive officer. The female is, in fact, very remarkably superior in manners, habits, tact, and intelligence to the husband, in almost every family of the middle or lower classes in Switzerland. One is surprised to see the wife of such good, even genteel, manners and sound sense, and altogether such a superior person to her station, and the husband very often a mere lout. The hen is the better bird all over Switzerland." (Lating's Notes, p. 336.)

If we divide the poople of Switzerland according to their language, nearly 1,500,000 speak a German dialect, 450,000 Freuch, and about 125,000 a corrupt Italian; in a large part of the Grisons, the Romanch tongue, bearing a very close analogy to the ancient Latin, is spoken in several dialects. The distinctions of language are the principal among the Swiss: there are few physical differences in the inhabs, of the different parts of the country, except that the natives of the mountainous parts are the more muscular and active. The Swiss are unquestionably a brave people, devoted to their home and their freedom, for the maintenance of which they have often made great sacrifices and exertions. The situation in which they are placed, their scanty means of subsistence, the necessity of husbanding their resources, and the difficulty of increasing them, have made them sober, industrious, and economical; but also, we must say, mean and mercenary. There is nothing they will not undertake, how degrading soever, provided they think they can have make money by it. To attain the rank of valet in the family of some foreign nobleman seems the summit of their ambitten. Though attached to liberty themselves, make more by it. To attain the rank of valet in the family of some foreign nobleman seems the summit of their ambition. Though attached to liberty themselves, 2s. 6d. or 3s. a day will make them flock to the banners of its most investrate enemies. In this respect, indeed, they have no predilections, and the Emperor of Russia and the President of the United States may equally comnand their services

" Man and steel, the soldier and his sword,

continue to be the most marketable of Swiss products. Though attached to their country, they have no relish for its magnificent natural beauties; and though an houset, laborious, prudent, and, on the whole, respectable people, they have little that is amiable or attractive in their characters. people, they ha

After the conquest of Helvetia by Julius Cæsar, the Romans founded in it several flourishing cities, as Aven-Romans founded in it several flourishing cities, as Aven-ticum, &c., which were afterwards destroyed by the bar-barians. On the decline of the Roman empire, it suc-cessively formed a part of the kingdom of Burgundy and the dominions of the Merovingian and Carlovingian kings; while the E. part of Switzerland became first sub-ject to the Allemann, and subsequently it was wholly included in the German Empire under Conrad II. in

included in the German Empire under Conrad II. in 1037.

The house of Hapsburg had, from an early period, the supremacy over all the B. part of Switzerland; and it preserved its ascendancy till about 1307, when Uri, Schwytz, and Unterwalden, entered into a comfederacy for mutual ald against Austria, which compact was confirmed after the defeat of Leopold Duke of Austria at the battle of Morgarten, in 1315. From 1332 to 1338, Lucerne, Zurich, Glarus, Zug, and Berne, joined the Confederation. Aargau was conquered from Austria in 1415; the abbey and town of St. Gail joined the other cantons in 1461-54; Thurgau was taken in 1460; Friburg and Solothurn admitted in 1481; the Grisons in 1477; Basie and Schaffhauen in 1801, and Appenzell in 1613. About this time Tessin was conquered from the Milanese; and Vaud was taken from Savoy, by the Bernese, in 1860. The remaining cantons were not finally united to the Confederation till the time of Napoleon; and the compact, by which all were placed on a perfect equality, only dates from the peace of 1814.

The principal authorities consulted for this article

The principal authorities consulted for this article have been Picot, Statisque de la Suisse; Ebel, Manuel du Vougagers, &c.; Simon, Fougage en Suisse; Hoffman; Inglis's Switzerland; Dict. Géog.; Bowning and Syoss's Reports, &c., passim. SYDNEY, a town of E. Australia, the cap.

of the British colony of New South Wales, on a cove on the S. side of the magnificent bay, or inlet of the sea, called Port Jackson, about 7 m. E. The pop., in December, 1846, amounted to about 45,000; and is now (1850) estimated at 55,000. The British settlements in New South Wales were originally intended to serve as penal establishments, to which convicts might be transported, and employed in public and private works, and are still, to some extent, used for that purpose. The first vessel with convicts arrived in January, 1788, at Botany Bay; but it having been found quite unsuitable for a colony, the settlement was removed to Sydney. Convicts of all sorts continued to be sent to the latter till 1839; but from that period down to 1843 none were sent, except those who had been confined in Pentonville and other penitentiaries. In the last-mentioned year the system entirely ceased; and from that period no convicts have been sent to Sydney. During the period that transportation continued in force, 54,583 convicts. of whom 47,092 were males and 7,491 females, were carried to Sydney. In 1846 the convicts of all classes in N. S. Wales amounted to 10,555, of whom 6,500 were to be liberated in 1848; and the residue must all have been liberated by the end of 1850. Convictism (to borrow a colonial phrase) has, thorefore, terminated in N. S. Wales; but the taint is

of 1850. Convicting (to borrow a colonial phrase) has, therefore, terminated in N. S. Wales; but the taint is has imported to the population will not be easily effaced. The town stands principally on two hilly necks of kand, bounding Sydney Cove on the E. and W., and on the intervening flat ground for nearly 2 m. inland, and would appear, from the extent it covers, to contain a seach larger pop. than really belongs to it; but the houses in many parts are not more than one story in beight, and are generally surrounded by gardens. In the older part of Sydney, termed "the Rocks," the streets are comparatively irregular, for, owing to a want of attention at first, they were laid out, and the houses built, according to the views of individuals, without any fixed or regular plan. But latterly this defect has been to a considerable degree remedied in the old streets; and the new ones are systematically laid out. On the left side of the cove many handsome houses rise in successive terraces. The E. peninsula is almost wholly occupied by the porearment domain, a circumstance which is rather to be regretted, since the water, being deeper there than on the W. side of the cove, it is better adapted for the erection of warehouses, ac. It has been proposed, however, to construct a public wharf along the E. side of the cove. The new government house, an extensive structure in the Elizabethan style, is supposed to have cost in all about 50,000.; but it is quite disproportioned to the means and the wants of the governor. The barracks were till lately in the centre of the town; but owing to the frequent squables that took place between the troops the Elizabethan style, is supposed to have occit in all about 50,000.; but it is quite disproportioned to the means and the wants of the governor. The barracks were till lately in the centre of the town; but owing to the frequent squabbles that took place between the troops and the citizens, the barracks have been removed to the Surrey hills about 24 m. from town. The entensive barracks, hospitale, &u., that were formerly required for the service of the convicts, have been appropriated, partly for other purposes. Among the other public buildings are the court-house, police and commissariat offices, custom-house, new gaol, &c. Sydney has a catherial and several English churches, a from Cath. chapel, a handsome Gothic building, with chapels for Presbyterians, Wasleyans, &c. Among its educational institutions, are the Australian College and Sydney College, which furnish superior instruction in classics, mathematics, and English literature: a normal institutions, with Episcopalian, Presbyterian, and Rom. Cath. schools. There are, also, numerous boarding-schools, and other private seminaries, some of which are said to be very well conducted. Several newspapers are published in the town; and many works have been published, the printing and plates in some of which would do no discredit to the London press. It has also a museum and botanical garden. "The shops in the town are frequently hild out with great taste; they are not, as in America, 'stores,' where every article may be bought under the same roof; but each trade or business has its own distinct warehouse. House rent is high at Sydney, as may be interred from the fact that building land has been recently sold, in George Street, at the rate of 20,000. as acres one of the commercial establishments are of considerable size; auction-rooms have been lately built by one individual at a cost of 5,0004, and 20,0006, has been expended on one distillery. Large sums have been spent also in erecting steam-engines, mills, &c.; a good theatre has been built on speculation, and the hotels and inns are numerous and excellent." (Martin's British Colonies, 424.) The town is partially supplied with water by means of a newly-constructed tunnel, nearly 2½ m. in leasth

length.

Sydney is admirably adapted for the capital of a great trading colony. Port Jackson is one of the finest na-tural basins in the world. It stretches about 15 m. into bural basins in the world. It stretches about 15 m. into the country, and has numerous creeks and bays; the anchorage is every where excellent, and ships are protected from every wind. The entrance to this fine bay is between two gigantic cliffs, not quite 2 m. apart. On the most southerly, in lat. 339 51' 30'' S., long. 1510 16' 30'' S., a lighthouse has been erected, the lantern of which is elevated 67 ft. above the ground, and about 345 S. above the sea. It is navigable for ships of any burden to the distance of 18 m. from its entrance, or 7 m. above Sydney, up what is called the Paramatta river. Ships some close up to the wharfs and stores of the town, their cargoes being hoisted from the ship's hold into the warehouses. Sydney is consequently the emportum of all the settlements in this part of Australia, and has a very extensive trade. tensive trade.

tensive trace.

In consequence of the extraordinary increase of sheep and cattle, but especially of the former (see Vol. I. p. 237.), wool is become by far the greatest article of export, the shipments of it from Sydney, in 1849, having amounted to 13,236,236 lbs., worth, when shipped, 663.956.

Next to wool, but at a great distance, are tailow; whale-

Next to woot, but at a great distance, are tailow; whale-oil, and whalebone, the produce of the Southern fishery; hides; horses, cattle, and sheep, beef, timber, &c. We subjoin [see next col.] The colony is naturally better suited for pasturage than for tillage, and, in consequence, considerable quantities of corn and rice are imported from Van Diemen's Land, of corn and rice are imported from Van Diemen's Land, and other places. But we may remark, by the way, that the preference given to pasturage has been in no inconsiderable degree occasioned by the policy (if so we may designate a worthless compound of podantry and quackery) that has been pursued in regard to the sale of the waste lands in the colony. We have elsewhere shown (Vol. I. p. 231.) that since the minimum price charged for the waste lands in the colony, 4 or 5 acres of which are required to depasture a single sleep, has been fixed at no less than 20s. an acre(1) the purchase of land for agricultural purposes has comparatively ceased; and it is now either taken in large tracts for grazing by lessees, or occupied by squatters. In consequence the progress of cultivation, and the settlement of the colony, are seriously interrupted by this system; while, instead of concen-

An Account of the Quantities and Values of the Principal Articles of Native Produce exported from the Port of Sydney in 1848.

Articles	Quantities.			Value.		
Maise Leather, unmanufactured Horses Hornes Horned cattle Sheep Oil, sperm black Skine, nest leather Skine, nest leather Sugar, refined Tallow Unalterone		108 tons 1 2 1 1 1 2 1 1 5 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	058 bus 19 cwt. 1,184 m 0,208 n 5,731 n 5,731 n 196 to 232 tier 8 tops 1 it tons 5 tom 6 5,307 6 10m 2c 445,048	1 qr. 6 lbs	3,065 5,792 14,317 16,457 8,757 764,230 3,177 7,659 17,498 2,716 2,902 102,611 6,153 24,890 24,890	
Other articles. Total value of no	etivo :	orti.		-	_	24,030
cles, inc. the fit lotal value of as produce or ma of the U. King	herie rticles mufac	the ture	1.5		7	963,590
other places	-	-	-			191,419
Total exports	4	10	4	-		1,155,009

trating the pop., as we were told it would do, it has led to its all but indefinite dispersion. But a jelo-de-se policy of this sort cannot be indefinitely maintained. And when it has been abandoned, a fresh atimulus will be

when it has been abandoned, a fresh stimulus will be given to emigration, and the prosperity of this and the other Australian colonies will be materially increased. Considering the character of a large proportion of the population, one need not be surprised at the circumstance of drunkenness being a prevalent vice, and, consequently, that spirits and wines are very largely imported. The other great articles of importation are manufactured goods and apparel of all sorts, bardware, earthenware, and diery books and stationery, and carriages, a.e., from Rose. goods and apparel of all sorts, hardware, earthenware, auddiery, books and stationery, and carriages, &c. from England; tea (2,108,916 lbs. in 1848) from China; and sugar (22,474,356 lbs. in 1849) from the Mauritius and Calcutta. In 1849 the total value of the exports from the U.K. to N. S. Wales and Port Philip, amounted to 1,333,8394., whereof cottons made 232,1954., woollens 144,224., linens 50,%354.; apparel, slops, and haberdashery, 263,2644.; beer and ale 56,7364., books 14,6304., earthenware 13,2634., hardware and cutlery 28,3354. [eather and leather manufactures 37,8564., and slik manufactures 23,8134.

Return of the Value of the Imports into, and of the Exports from, N. S. Wales (inc. Port Phillip), from 1844 to 1849, both inc.

	Imports, Value of.				Experts, Value of.				
Years.	Articles the Prod. or Ma- nufac. of U. Kingdom.	Articles the Prod. or Ma- nufac. of other British Dom.	Articles the Prod. or Ma- nufac. of For. States.	Total Value.	Articles the Prod. or Ma- nufac. of N. S. Wales.	Articles the Prod. or Ma- nufac. of U. Kingdom.		Articles the Prod. or Ma- nufac. of For. States.	Total Va-
1844 1845 1846 1847 1848 1848	£ 629,510 786,514 1,111,238 1,269,183 1,029,926 1,207,837	254,572 156,491 88,638 95,118 114,900 149,106	147,178 290,849 430,646 617,722 411,724 436,477	931,460 1,233,854 1,630,592 1,982,023 1,556,650 1,793,180	864,709 1,969,062 1,901,433 1,649,081 1,621,509 1,701,085	119,197 100,901 120,424 136,335 127,368 108,861	64,266 110,160 80,499 15,865 22,220 18,647	79,945 75,863 79,183 68,765 69,271 62,677	1,128,115 1,555,986 1,481,539 1,870,046 1,830,868 1,891,270

The value of the imports into Sydney exceeded for a lengthened period the value of the exports; the excess of the former being, in fact, the amount of the remittances from this country on account of the convict establishment. But since the latter was suppressed, the value of the exports has been equal to that of the imports. Occasionally there has been a great deal of overtrading at Sydney; and the revulsions consequent thereon have been quite as ruinous there as in England and elsewhere. Formerly there were 4 banks in the town, but now there are 2 only, and a savings' bank.

Sydney was incorporated in 1842. The mayor has a salary of 800% a year. The shops are gay and well furnished with goods. The local revenue of the city amounted, in 1849, to 13,903/.

From the circumstance of the great majority of the immigrants being males, a great disproportion has always The value of the imports into Sydney exceeded for a

From the circumstance of the great majority of the immigrants being males, a great disproportion has always existed between the sexes in the colony. Government, and benevolent associations, have of late years endeavoured to lessen this disproportion by sending out considerable numbers of young unmarried females free of expense. And though there appears to be good grounds for thinking that the conduct of these females has in numerous instances been rather questionable, still there can be no doubt that the measure has, on the whole been educators on any has tended not only the whole, been advantageous, and has tended not only

to increase the population, but to improve the morals of

to increase the population, but to improve the morals of the colony.

SYLHET, a distr. of British India, presid. Bengal, beyond the Brahmaputra, and chiefly between the 24th and 25th degs. of lat. and the 91st and 93d of E. long., having N. the territory of the Cosseshs, and Jyntesh, E. Cachar, S. Tipperah, and W. the distr. of Myennusing and Dacca. Area, 2,822 sq. m. Pop., in 1822, 1,083,720, it being one of the most densely peopled portions of the British dominions in the East. Its borders are mountainous, and on the E. and S. the mountains rise to the height of about 6,000 ft.; but its central part, which is flat and intersected by the Barah, and a great many other rivers tributary to the Brahmapura, is covered with rice-fields, &c. Cotton and sugar are raised in considerable quantities; and Sylhet produces the finest oranges and limes throughout British India: they are grown in extensive plantations, or rather forests, and exported to a great extent. Chamam, wax, aloe wood, wild silk, and elephants, are among the other chief products; and coal of a very fair quality has been somewhat recently discovered. Boat-building is pursued prized by the natives of Hindostan. The land is, in general, very much divided: land revenue in 1829-30, 308,516 rupees. Mohammedans are very numerous in

this district. Syshet, its chief town, and the residence of the principal authorities, is on the Soormah, in lat. 240 N., long. 91° 40′ B. (Hamilton; Pemberton, on

the R. Frontier.)

the R. Frontier.

SYRA (an. Scyros), an island belonging to Greece, in the group called the N. Cyclades, the port of Syra, on the E. side of the island, 15 m. W. from the greater Delos, being in lat. 370 26 30" N., long, 34° 55 B. It is about 10 m. in length, N. and S., and 5 m. in breadth. Though rugged and not very fruitful, it is well cultivated; and the pop., which in 1825 was not supposed to exceed 4,500, is now (1880) estimated at about 30,000! It is indebted for this extraordinary increase of pop. to the convenience and excellence of its port and its central situation, which have made it a considerable commercial entrepot. Most part of the trade that formerly centred at Sclo is now carried on here; and the island has not only received numerous immigrants from that island, but at Sclo is now carried on here; and the island has not only received numerous immigrants from that island, but also from many other parts of Greece. Great Britain and most European powers have coosuls in Syra; and it also is the principal seat of the Protestant missionaries to the Levant. The town, which is in great part old, has several new streets and houses, and has an appearance of great bustle and animation. Pherycides, one of the most celebrated of the ancient Greek philosophers, the disciple of Pittacus, and the master of Pythagoras, was a native of this island. We subjoin an

Account exhibiting the Number of Ships, their Tonnage, and the Value of their Cargoes, that arrived at Syra in 146, specifying also the different Countries to which they respectively belonged.

Plaga.			Vessels.	Tonnage.	Value of Cargoss.	
British - Greek - French - Austriam Russiam Ioniam - Ottomam I'utch - Hanoveriam Brumen Bwedish Syriam - Neapolitam			1,803 59 184 41 34 379 5 1 1 4	6,513 100,064 6,828 89,931 8,604 3,483 12,112 7,89 100 643 90 80 80	158,766 284,201 8,501 42,993 7,918 4,960 37,670 10,283 1,595 396 379 65	
,	Fotal	-	2,536	179,320	557,612	

SYRACUSE (an. Syracoso), a famous city of Sicily, cap. of an intendency, district, and cant., on the E. coast of the island, 31 m. S.S. E. Catania; iat. 37° 2° 58" N., long. 15° 16° 10" E. Pop., in 1831, 16,305; but said to have been considerably reduced during the interval from the influence of cholera, and other causes. The modern city is wholly confined to that small portion of the site of the ancient city included in the Island of Ortygia, separated from the mainland by a fosse, and projecting S. in the shape of a narrow peninsula, inclosing between it and the mainland the noble basin called the Great Harbour, which its security, and the facility of its access, render one of the best ports in the Mediterranean. (Smyth's Sicily, 163.) Outside the peninsula is the Little Harbour (an. Trogilvs). Syracuse is pretty strongly forcified, being defended by a bastioned wall, and other works. The port is protected by the castle of Maniacos, near the S. extremity of the peninsula. The modern city has little except its ancient renown, its noble harbour, and the extreme beauty of its situation, to recommend it. The temple of Minerva has been converted into the exthedral; but the portice and front, having been destroyed by an earthquake, are modern, and in bad taste, a seminary for the clergy, a college for general studies, an hospital, a lazaretto. extensive barracks. It has several other churches, with numerous convents, a seminary for the clergy, a college for general studies, an hospital, a lazaretto, extensive barracks, a museum, and a public library. There are some remains of the temple of Diana, but they are unimportant. The famous fountain of Arethusa (see Arrivia), the great glory of ancient Syracuse, is now defiled by the admixture of the sea, and is degraded into a sort of washing-tub for the poorer class of town's-women. The commerce of the city, the principal source of its wealth in antiquity, is also quite inconsiderable; its exports consisting only of tridling quantities of oil, corn, fruits, hemp, saltpetre, &c. "Its streets are narrow and dirty; its nobles poor; its lower orders ignorant, supersitious, idle, and addicted to festivals. Much of its fertile land is become a pestilential marsh; and that commerce which idle, and addicted to festivals. Much of its fertile land is become a pestilential marsh; and that commerce which once filled the finest port in Europe with the vessels of Italy, Rhodes, Alexandria, Carthage, and every other maritime power, is now confined to a petty coasting trade. Such is modern Syracuse! Yet the sky which canopies it is still brilliant and serene; the golden grain is still ready to spring almost spontaneously from its fields; the azure waves still beat against its walls to send its navles over the main; nature is still prompt to pour

forth her bounties with a prodigal hand: but mess, also is changed; his liberty is lost; and with that the genius of a nation rises, sinks, and is extinguished." (Elugher's Greece, dc., l. 55., 870. edit.)

of a nation rises, sinks, and is extinguished." (Hugher's Greece, &c., i. 55., 8vo. edit.)

The ancient Syracuse was founded by a colony from Corinth, about assec 736, s. c. Its advantageous situation, and the commercial enterprising spirit of its inhabs., speedily raised it to the highest distinction. Cicere calls it the greatest and most beautiful of Greek cities: Urbem Syracusas maximum esse Gracoruses urbains, pulcherrimam omnium, sepc assistis. (In Verrem, lib. iv. cap. 52.) As soon as it had outgrown the limits of the original city, which, like the modern, was combass within the island of Ortygia, it began to extend towards the N., covering, when in its zenith, a large triangular space; which, rising precipitously from the sea on the one hand, and the plains to the W. on the other, admitted of being easily fortified. This new city torminated on the N. in the hill of Epipolæ, which, bowever, was not included within it till the time of the elder Dionysius, who constructed at that point the fortress of Heszapylon, the vast ruins of which still attest its former strength and importance. The city was defended partly by lines of rocks, and partly by strong walls. Its circuit is estimated by Straba at 180 stadia, or about 20 Eng. m.; and supposing that the sinuosities of the walls were followed, this statement is probably not very wide of the mark. Among the advantages of the situation chosen for the site of the new city, was its inerhaustible supplies of fine freestone; which, though soft, and easily wrought in the quarry, became, by exposure to the alt, sufficiently hard.

The space included within the walls of the new or N. city comprised, i. the quarrer of Acradina, the largest

piles of fine freestone; which, though soft, and easily wrought in the quarry, became, by exposure to the air, sufficiently hard.

The space included within the walls of the new or N. city comprised, I. the quarter of Acradina, the largest and most populous of the whole, adjoining the island of Ortygia, having E. the sea; it contained the temples of Olympian Jupiter, the forum, the prytaneum, &c.: 2. the quarter called Tyche, from its temple to Fortume (Túrge), lying N. W. from Acradina: and S. the quarter called Neapolis, or the New City, from its being the last built: this, which was the most westerly portion of the city, and was bounded in part by the Great Port, contained a spacious theatre, cut in the rock, upon the slope of a hill; and two temples, one dedicated to Ceres, and one to Libera or Proscopine. (Score, whi supra.)

Among the existing remains of Syracuse, the most extraordinary, perhaps, are the latomics, or prisona. These are immense excavations cut in the solid rock a great depth, with steep overhanging sides, whence all egross is impossible. They appear originally to have been quarries (whence their name), and to have been subsequently formed into prisona. They have been forcibly and admirably described by Cicero:—Latomics Syracusanas omnes sudistis, pierique mostis; opus cat concern called the Ear of Dionysius. It runs into the hard of the hill, in the form of the letter S, the sides being chissled quite smooth, and the roof gradually narrowing to a point, along which runs a groove, which collected, as is supposed, the sounds of the voices of the prisoners. It derives its name from the popular belief that Dionysius was accustomed to incur-create in it those he supposed inimical to his authority; and that, by applying his ear to one end of the groove, and listening to their conversation, he ascertained whether his suspicions were well-founded. There appear, though, from the care bestowed on its construction, it ther his suspicious were well-foundation for this story; though, from the care bestowed on its construction, k must evidently have been intended for some special

must evidently nave been intended for some special purpose.

The latorsise on the hill of Bpipolse were selected as the place of confinement for the miserable remains of the vast armament fitted out by Athens for the reduction of Syracuse. About 7,000 men are said to have been shut up in this prison, exposed alternately to the heats of a vertical sun, rendered more intelerable by its reflection from the surrounding rocks, and to the chills of the evenings, with insufficient supplies of food, and without any means of preserving cleanliness, or even of escaping from the contact of the sick and dead. Every hardship was accumulated on the heads of the unappy sufferers; till at length, after an interval of above two months, most part of those that survived were two months, most part of those that survived were two months, most part of those that survived were two from the contact of the significant of the distance. The latomic were also used by Verres for the imprisonment, not merely of Syracusan, but of Roman citizens.

citizens.

The catacombs, in the Acradina, are of vast extest, and may be truly called a city of the dead. They consist of a principal and several smaller streets, all excepted in the rock, with deep contiguous recesses on each side, containing cells for the reception of the dead. Various

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theories have been formed as to the sera of the formation of these vast subterranean excavations, which, no doubt, belong to a very remote antiquity.

On the whole, however, considering the great extent of the city, and the number and magnificence of its public buildings, the continental portion of Syracuse, with the exception of the latomic and catacombs, and some remains of the walls, and of aqueducts, has very few monuments of antiquity of which to boast. Swinburne (ii. 334.) and Hughes (i. 82.) express their astonishment at the almost total disappearance of all vestiges of the great public and other buildings, with which the city was once filled. This, however, is not inexplicable: the sea has undermined a portion of the walls of Acradina; and the perishable nature of the stone of which the city was built, added to the influence of earthquakes, the ravages of war and of barbarians, and the accumulation of rubbish, have made Syracuse, like Carthage, non agnoscenda proprife ratints. Among the Carthage, non agnoscenda propriis rainis. Among the ruins of some baths, excavated in 1810, was found the torse of a Venus, worthy of the best age of the art, and now the pride of the museum.

or a venis, worthy of the beat age of the at, and now the pride of the museum.

Various estimates have been formed of the pop of Syracuse when in the summit of its prosperity. These, however, are mostly all exaggerated, and entitled to but little attention. Thucydides says that it was an owise inferior to Athens (lib. vii. p. 503.); and that it was a very large and splendid city is a fact of which there can be no manner of doubt; but owing to the great extent of the open spaces and public buildings within its walls, its popcould not be in any degree proportioned to what would be contained in a modern city of the same size. Probably it may have amounted to 200,000; or, at most, 250,000; though, if anything, we suspect that this estimate is beyond the mark.

Syracuse appears at first to have been under a republican government; but it subsequently became subject to

mate is beyond the mark. Syracuse appears at first to have been under a republican government; but it subsequently became subject to kings, or tyrants, of whom Gelon and Hieron were among the earliest and most celebrated, the triumph of the latter in the chariot-race at the Olympic games having been the subject of one of Pindar's noble odes. But Thrasybulus, the younger brother of the latter, having been expelled the city, the republican form of government was restored. The Syracusans having been involved, during the course of the Peloponnesian war, in contests with other cities of Sicily, the Athenians sent a feet to the assistance of the latter; and from less to more. Athens became so much mixed up with Sicilian affairs, that she determined to bring them to a satisfactory conclusion, by undertaking the conquest of Syracuse itself. The greatest exertions were made to effect this grand object: she seal of the public was supported by the seal of private individuals; and the armament fitted out by Athens for the reduction of Syracuse is universally admitted to have been the greatest and most splendid ever sent forth by any Greek state. The events of this contest, which fixed the attention of all Greece, have been described by Thucydides, and form the most interesting portion (lib. vi. and vii.) of his history. It is sufficient here to state, that he failure of the expedition, and whose genius might have conducted it to a successful issue, having been unisely removed from the command, was succeeded by Niclas, an able general, but one who had been hostile, from the outset, to the project, and who, though brave and experienced, wanted the ability and decision required for the conduct of such an enterprise. After various viclasitudes, the besiegers and besieged changed places. from the outset, to the project, and who, though brave and experienced, wanted the ability and decision required for the conduct of such an enterprise. After various viclusitudes, the besiegers and besieged changed places. The defeat of the Athenian faet, which had been cooped up in the great harbour, in an attempt to force a passage through their enemies, may be said to have terminated the expedition, and with it the glory and empire of Athens. "In hoc ports, says (Icero, speaking of the great harbour, "Athensiensium mobilitatis, imperii, gloris naus-fragium factum existimatur." (In Verrem, v. cap. 37.)

A few years after the defeat of the Athenians, which occurred anno 413 s. c., the supreme direction of affairs at Syracuse was usurped by Dionysius the Elder, whose character presents a singular compound of greatness and meanness, generosity and cruelty. Dionysius the from Sicily by Timoleon; who, having demolished the citadel constructed by the elder Dionysius, and his magnificent tomb, restored the Syracusans to their freedom, and, having vanquished their enemies, retired into private life.

They did not, however, long preserve the liberty given them by Timoleon. In the course of a few years, Agahocies attained to the supreme authority. After his death, the 'city underwent various revolutions, being sometimes the ally of the Carthaginians and sometimes of the Romans. In the end it was subjugated, though not without a vigorous resistance, by the latter.

The siege of Syracuse by the Romans under Marcellus is one of the most celebrated in history. It withstood, for a lengthened period, all the efforts of the Romans

general, who had to contend, not only against the natural strength and fortifications of the place, but also against the extraordinary talents and wonderful machines of Ar-

the extraordinary talents and wonderful machines of Archimedes, the greatest geomieter, and one of the greatest geniuses of antiquity. At length, however, the Romans gained possession of the city, "mass 509 B.c., partly by stratagem, and partly by the treachery of one of the Syracusan leaders. Archimedes unfortunately lost his life in the confusion that followed the taking of the city. (Livius, lib. xxv. cap. 23—21.)

Under the Romans, Syracuse continued to be a great and important city. It was taken by the Saracens in 87s, and given up to military execution. But, notwithstanding this and many subsequent calamities, it continued to be of considerable importance till 1698, when it was laid in ruins, and most part of its ancient monuments destroyed, by the dreasful earthquake of that year. In addition to Archimedes, Syracuse has to boast of having given birth to Theocritus, the first and greatest of pastoral poets, and to Moschus. (In addition to the works referred to above, see Sir R. C. Hoare's Classical Town, ii. 141—175. History of Syracuse. In Ascience I Justice and Interests History, vols. vil. and vili., 8vo. ed.; Pisters's Life of Marculas, etc.)

BY RIA and FALES TINE or JUDBA, two of the most celebrated regions of the E. hemisphere: the former includes the ancient Phomicia; and the latter is sometimes called the Holy Land, from its being the history of most one of the greater entse, can be and continued to the processed to be indemendent, and have or a lengthenodered councies of the life of the processed to be indemendent, and have or a lengthenodered councies of the processed to be indemendent, and have or a lengthenodered formed a portion of Asiatic Turkey: they extend principally between the Sita and 37th degs. N. isa., and the 34th and 41st E. long., having N. the pachalics of technical processes of the Archima Desert; and W. the Mediterranean. Previously to the subjugation of the country by Mehemet All, it was divided into the four pachalics, forms the Sprincip Council and the subjugation of the co

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sert, however, we are not," says Mr. Addison, "to understand, a bare wide waste of sand, like the great "to understand, a bare wide waste of sand, like the great African desert. The term must be considered to mean destitute of settled inhabitants, towns, villages, and houses, and peopled only by roving pastoral tribes. Instead of sand, the uninhabited district beyond Da-mascus consists of a fine black soil, covered with long, burnt-up, rank grass and herbs, and inhabited by ante-lopes, wild asses, and wild boars, which search out the thinly scattered spots where water is to be found. The thinly scattered spots where water is to be found. The same description of country, we are told, continues the whole way to Palmyra. In summer the soil is parched and cracked into innumerable fissures by the burning ray of the sun, and the herbage and vegetation are all killed; but having previously come to maturity, and scattered their seed upon the ground, no sooner do the winter rains commence than the dry grass is beaten down and rotted, and the seeds, moistened by the abundant rains, sprout up with astonishing luxuriance. In summer, the Bedouins are obliged to congregate in the vicinity of pools and wells; but in winter they spread themselves over the wide surface of the desert, and make long journers with their flocks and herds." (Damascus and Palmyra, ii. 216, 217.)

The principal rivers of Svria are the Euphrates. Jor-

themselves over the wide surface of the desert, and make long journeys with their flocks and herds." (Dumacsus and Palmyra, II. 216, 217.)

The principal rivers of Syria are the Euphrates, Jordan, and Orontes, severally noticed in this work. The coast line is watered by numerous small streams, falling into the Mediterranean, which contribute greatly to fertillize the land: but of these none are navigable. The largest and most remarkable lake is that of Asphalities, or Dead Sea (which see, I. 679.) The next in size is that of Tiberias, or Gennesareth, the theatre of some most remarkable miracles. (Luke and Matt. viii.; Matt. xiv. 25.) It is about 16 m. in length, from 5 to 6 m. in breadth, and is traversed throughout its centre by the Jordan, of which, in fact, it may be regarded as an expansion. On its E. side it is confined by bold, barren, and precipious mountains; but elsewhere its shores are generally level. According to Dr. Clarke, "It is longer and finer than any of our Cumberland or Westmoreland lakes, though it be perhaps inferior to lake Lomond, in Scotland. It does not possess the vastness of the Lake of Geneva, although it much resembles it in certain points of view. In picturesque beauty it comes nearest to the lake of Locarno in Italy, although it be destitute of any thing similar to the islands by which that majestic place of water is adorned. It is inferior in magnitude, and perhaps in the height of its surrounding mountains, to the lake Asphalities, but its broad and extended surface, added to the impression under which every Christian pilgrim approaches it, gives to it a character of unparalleled dignity." (Truests, iv. 216.) Its unbroken

to the lake Asphalities, but its broad and extended surface, added to the impression under which every Christian pilgrim approaches it, gives to it a character of unparalleled dignity." (Travets, iv. 216.) Its unbroken margin, and the total absence of wood on its ahores, without a boat or vessel to be seen throughout its whole extent, give it a melancholy, monotonous appearance. Several combats took place on this lake between the Jews and Romans, and its banks were formerly the seat of several flourishing cities. Of these, however, Tabria, the miserable representative of the ancient Trberies, is almost the only existing relic. The lake of Genearest like all other inland seas, is subject to squalls and sudden gusts of wind, that render its navigation rather dangerous. The Bahr-2-l-Margi, near Damaccus, and the lakes of Horus, and of Agi Dengis, near Antioch, are the only others worth notice. The coast of Syria and Palestine presents a nearly straight line, extending through six degrees of lat., being but little indented by arms or inlets of the sea, the principal being the bays of Scanderoon and Antioch; and though it was in anti-quity the seat of a great maritime people, it has very few good harbours: the best are those of Scanderoon and Antioch; and though it was in anti-quity the seat of a great maritime people, it has very few good harbours: the heat are those of Scanderoon and Antioch; and though it was in anti-quite at the N. extremity of the country, and is besides every unhealthy. The harbours of Tyre, Sidon, &c., so famous in antiquity, are now, for the most part, filled with sand, or otherwise choked up.

Geology and Miseralz.—Of these we have no authentic information. The prevalent rock is limestone, abound-

with sand, or otherwise choked up.

Geology and Miscraiz.—Of these we have no authentic information. The prevalent rock is limestone, abounding in fossil remains, and hollowed into numerous caverns. The higher parts of the Libanus ranges seem, however, to consist of greywacke, slate, and other transition rocks, and the rocky mountains skriting the Dead See, of granite, gueiss, dolomite, &c. Antioch is stuated in a great tertiary basin, every where broken, however, by serpentine and diallage rocks. (Geo. Journa, vil. 430.) "The whole of the Haouran," says Elliott, "is covered with a species of blue stone, very hard, yet porous, and of which all the mill-stones of Syria are made." Volcanic matters cover a considerable extent of country, and the traces of extinct volcanoes are met with mane. Volcanic matters ever a considerable status of country, and the traces of extinct volcanoes are met with in many places. There are occasional indications of coal; but, except building stone, salt, with which a great part of the soil is highly impregnated, and asphaltum, from the vicinity of the Dead Sea, are almost the only

mineral products of much value.

Climate. — Owing to the great differences of elevation and exposure, the greatest disamilarity prevails with re-

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spect to temperature. On the whole, however, the country may be said to have two climates; one very hot, which is that of the coast and the interior plains, such as those of Balbec, Antioch, Tripoli, Acre, Gaza, Haouran, &c.; and the other, or that of the mountains, at least at a certain height, temperate, and similar to that of France. (Voisey, 1. 314. Eng. trans.) In most parts, the occurrence of the rainy seasons, as well as the quantity of rain which falls, are very variable. The winter in the plains is so moderate, that the orange, date, banans, and other delicate trees, flourish in the open air; and it appears equally extraordinary and picturesque to the European at Tripoli to behold under his windows, in the month of January, orange-trees loaded with flowers and fruit, while the lofty summits of Lebanon are seen covered with ice and anow. But in the more northerly parts of the country, and to the E. of the mountains, the winter is more rigorous, without the summers being less hot. This is occasioned by the E. plains being high above the level of the sea, exposed to the parching blasts of the E. and N.E. winds, and screened by the mountains from the humid winds from the W. and S.W. that sweep over the Mediterranean. At Aleppo winter commences about the middle of December, and usually lasts for six weeks or two months. The frosts, however, are seldom of any considerable intensity; snow rarely lies above a day; narcissus' are in flower during the whole of this season; and hyacinths and violets make their appearance before it is over. Spring commences in February, and is extremely pleasant, having no defect but its short duration. Early in May corn is nearly ripe; and by the end of that month the heats commence, and the country begins to assume a parched and barren aspect. From this period to the middle or end of September no rain ever falls; and the inhabs, aleep exposed on their terraces, without danger from damps or other noxious influences, without danger from damps or other noxious influences, wit hours' duration, the country assumes a new face. A

period the weather is sevene and extremely designature; and if the rains have been at all heavy, though but of a few hours' duration, the country assumes a new face. After the second autumnal rains the weather becomes variable, and winter approaches by degrees. The vernal are nearler than the autumnal rains; and, like the latter, are often accompanied with thunder. The trees frequently retain their leaves till the beginnig of December. The heats of summer are usually tempered by westerly breezes; but when during this season the sessie! occurs, that is, when the winds blow from the Arabian and Persian deserts, or from the E. inclining to the S., the heat becomes suffocating and excessive; and the inhals. have no resource but to shut themselves closely up in their houses. Luckily, however, these winds are not of very frequent occurrence; and sometimes they do not occur once in a summer. Shocks of earthquakes are common; and, in 1822, Aleppo and several other towns were nearly destroyed by one of these visitations. (Volacy, i. 315.; Russel's Aleppo, 10—14, &c.)

It is clear, therefore, as Volney has stated, that "Syria unites a great variety of climates, and collects within a narrow compass pleasures and productions which Nature has elsewhere dispersed at great distances of times and place. With us, for instance, seasous are separated by month; there, we may say, they are only separated by hours. If in Salde or Tripoli we are incommoded by the heats of July, in six hours we are in the neighbouring mountains, in the temperature of March; or, on the other hand, if chilled by the frosts of December, at Besharral, a day's journey brings us back to the coast, amid the flowers of May. The Arabian poets have therefore said, that 'the Sannin (Lebanou) bear winter upon his head, spring upon his shoulders, and autumn in his bosom, while summer lies aleeping at his feet.' I have myself experienced the truth of this figurative observation, during the eight months I resided at the monastery of Mar-Hanna, seven leagues from Bey

(i. 317.)

It is true that Syria and Palestine are sometimes visited by the plague; but this is a consequence of slut-

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tishness, and the want of proper care and precautions. Dysenteries, leprosies, &c. are also frequent; but, on the whole, the country is highly salubrious; and has no peculiar diseas (See ALEPPO.) me, except the pimple or ulcer of Aleppo.

(Sec. ALEPPO.)

Products and Resources, &c. — The beauty, fertility, and various products of Syria made her be regarded as one of the finest and most fruitful of countries; and her superiority in these respects has been extolled by the best modern travellers. It seems unnecessary, therefore, to dwell on what is so generally admitted. But the question as to the fertility of Palestine has given rise to some conflicting statements, and as the subject possesses peculiar interest, we shall notice it at some little length.

In the access writings, the fertility of the Holy Land is

liar interest, we shall notice it at some little length.
In the sacred writings, the fertility of the Holy Land is
described in the most striking manner. Moses calls it a
land that floweth with milk and honey; a land of brooks
and waters, of fountains and depths, that spring out of
the valleys and hills; a lead of wheat and barley; of
times, figs, and pomegranates; of oil, olives, and honey;
a land where there is no lack or scarcity of any thing;
whose stones (or rocks) are iron; and out of whose
mountains brass may be dug up. (Deuteronomy, viii.

7. &c.)
It may, perhaps, be permitted to suppose, that as Moses
wished to reconcile the Jews to the territory on which
they were about to enter, and to extinguish any lurking
desire on their part to return to the "fiesh pots" of
Egypt, he would represent the "promised" land under
the most favourable colours. On the whole, however, it Egypt, he would represent the "promised" land under the most favourable colours. On the whole, however, it would seem, despite the statements that have been made to the contrary, that his description is substantially correct. It is strikingly confirmed by Tacitus, who says, speaking of Palestine, Rari imbres, UBER SOLUM. Examines of pairs. (Hist. lib. v. cap. 6.) It is true that Strabo, in his 16th book, speaks in very contemptuous terms of the country round Jerusalem; but he was by means so well acquainted as Tacitus either with the history of the Jews or with Judea; and besides, even though the accuracy of his statement as to the country to which he has referred were admitted, that would not authorise any inference to be drawn unfavourable to the general fertility of Palestine. In antiquity Judea was very carefully cultivated; and notwithstanding the great density of its pop., It is said, when in the zenith of its prosperity, under Solomon, to have exported considerable quantities of corn. (1 Kings, v. 11.) The decilities of the hills were formed into terraces, of which the vestiges still remain (Messadzell, p. 66., ed. 1740), and were covered with plantations of figs, vines, and olives. It was, as Tacitus has stated, particularly celebrated for its palm-trees, which, in fact, were the emblem of the country: and the aromatic lants that the rew in the was, as Tactius has stated, particularly celebrated for its palm-trees, which, in fact, were the emblem of the country; and the aromatic plants that grew in the uncultivated parts furnished the wild bees with the honey which they stored in the hollows of the rocks and trees. Indeed Maundrell, whose accuracy is unquestionable, states that he perceived in many such places "a smell of honey and wax as atrong as if one had been in an aviary." (In loc. cit.) We cannot, however, form any fair estimate of the state of the country in antiquity from the condition in which we find it at the treasult time seedies the account for contributions. antiquity from the condition in which we find it at the present time, seeing it has groaned for centuries under the yoke of barbarous tyrants, and been subjected to every species of tyranny and oppression. "The Holy Land," says Dr. Shaw, "were it as well peopled and cultivated as in former times, would still be more fruitful than the very best part of the coast of Syria and Phoenice, for the soil is generally much richer, and, all things confor the soil is generally much richer, and, all things con-sidered, yields a more preferable crop. Thus the cotton that is gathered in the plains of Ramah, Esdraelon, and Zabulon, is in greater esteem than what is cultivated near Sidon and Tripoli. Neither is it possible for pulse, wheat, or any sort of grain, to be more excellent than what is sold at Jerusalem. The barrenness, or scarcity wheat, or any sort of grain, to be more excellent than what is sold at Jerusalem. The barrenness, or scarcity rather, which some authors may either ignorantly or maliciously complain of, doth not proceed from the incapacity or natural infruitfulness of the country, but from the want of inhabitants, and the great aversion there is to industry and labour in those few who possess it. There are, besides, such perpetual discords and depredations among the petty princes who share this fine country, that allowing it were better peopled, yet there would be small encouragement to sow, when it was uncertain who should gather in the barvest. Otherwise the land is a good land, and still capable of affording its neighbours the like supplies of corn and oil which it was known to have done in the time of Solomon." (Travels, p. 336. 4to. ed.)

At a more recent period Dr. Clarke said of the Holy Land, "The delightful plain of Zabulon appeared every where covered with spontaneous vegetation, flourishing in the wildest exuberance. The scenery is to the full as delightful as in the rich vales upon the 8. of the Crimca: it reminded us of the finest parts of Kent and Surrey. The soil, although stony, is exceedingly rich. We found the valleys W. of Jerusalem covered with plentiful crops

of tohacco, wheat, barley, Indian millet, melons, vines, pumpkins, and cucumbers." (Tras. iv. 423.)

These statements are more than sufficient to attest the natural riches and fertility of this famous region. As an agricultural or corn-growing country it is, indeed, far inferior to Egypt and many other states: but the variety of its surface and products, the salubrity of the climate, and the productiveness of its cultivated lands, would make it, were it possessed by an industrious, well-governed people, a most desirable country.

Recently, however, the condition of Syria and Palestine has been changed materially for the worse, as compared even with what it was at the epoch of Clarke's visit. The destructive contests of which it has been the theatre, the consequent destruction of property, the interruption of all sorts of industry, and the emigration occasioned by the conscriptions of Mehemet Ali, have reduced Syria and Palestine to a state of depression to which they had never previously sunk, and from which there is but little hope of their recovering under their present rulers.

there is but little hope of their recovering under present rulers.

During the ascendancy of the Egyptians Mehemet All attempted to introduce the same compulsory or forcing system into Syria and Palestine that he has introduced into Egypt (which sec). In this view the principal officers of the government and the army, and the more opulent inhabitants, were compelled to undertake the task of restoring rulmed villages, and the culture of their lands. Government intended, by means of the increased cultivation of wheat and barley, to render Syria independent of supplies from without; and, if possible, to obtain a surplus for exportation. In good harvests, indeed, Syria, particularly its S. part, previously produced sufficient corn for its own consumption; and had the measures undertaken by the Egyptian government been persevered in, there can be little government been persevered in, there can be little doubt that there would have been a great increase of produce. But in 1837 the influence of the new system

doubt that there would have been a great increase of produce. But in 1837 the influence of the new system was paralysed by a drought; and the events that speedily followed overturned at once the power and the projects of the Egyptians.

The landed property of Syria, as of the rest of the Turkish empire, is supposed to belong to the sultan, as the vicegerent of God and the prophet; and the principle, that it did so, in fact, was acted upon, at the conquest of the country, by the callph Ornar, in the 7th, and by the Turks under Selim 1., in the 16th centure. At present however, this assumed prosects of the copie, casa it cas so, in lact, was acced upon, at the conquest of the country, by the caliph Omar, in the 7th, and by the Turks under Selim 1., in the 16th century. At present, bowever, this assumed property of the sultan is a mere legal fiction. Soon after Selim's conquest, the ruinous effects of the general confiscation became so apparent that measures were taken for giving the occupiers a right of property in the land on paying a small quit-rent. Land may now be classed under three heads: that belonging to the sultan and government; sacos or entailed lands; and real property, belonging to the proprietors, and descending by inheritance. The lands and property belonging to the sultan amd government are those escheating in different ways; such as lands abandoned in consequence of non-cultivation during three years, lands left by the extinction of families, lands confiscated, &c. Entailed property, called vacos of haramein, consists of that settled by private individuals for the maintenance of public caravanserain, southains, and charitable institutions; and of that vested in the hands of the clergy for behoof of certain parties, and their heirs or nearest of kin. Some lands are settled on the eldest heir in perpetuity, and cannot be sold, though they may be exchanged. According to the rule of the Ottoman law, Franks and other foreigners cannot hold land in the Turkish dominions; but, in fact, they do hold it, by means of long leases or otherwise, which make it little less secure than freehold. In the succession to property, the sons inherit twice as much as the daughters.

In Lebanon, almost every male inhab, is a small proprietor; and in the neighbourhood of Berrout there are

much as the daughters.

In Lebanon, almost every male inhab, is a small proprietor; and in the neighbourhood of Beyrout there are a great number of landholders who, for the most part, cultivate the white mulberry-tree. Large proprietors are few, except among the emirs of Mount Lebanon, some of whom have extensive estates, which they either cultivate on their own account, or let out to farming

cultivate on their own account, or let out to farming tenants. (Bovering's Rep. on Syria, pp. 101, 102; Ls Syrie jusqe'en 1840, pp. 75.—33, 148, 149.)

The miri, or land-tax, is not assessed in Syria by any invariable rule, or according to any admeasurement of the land. A government is assessed in a certain amount, which is supportioused among the different villages according to their greater or less amount of pop., or more or less extent of land; and the peasants themselves apportion the payments each has to make. In the cultivation of all kinds of produce, except silk, the landed proprietor supplies the peasantry with seed, and a certain sum of money to buy oxen, cattle, and implements of husbandry; and receives 10, 15, or 20 per cent. of the produce, according as the ground is more or less taxed. The remainder is divided into two equal parts, one of which the proprietor takes, and the other is for the

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peasants. These last are obliged to repay the money advanced to them, but not the seed. (Col. Campbell's

Report.)
The old Roman plough, drawn by bullocks, is that almost universally employed. Wheat, barley, maise, millet, lentils, sesamum, &c. are grown principally in the almost universally employed. Wheat, barley, maise, millet, lentils, sesamum, &c. are grown principally in the plain of the Haouran, which has always been considered the granary of Syria. It is inhabited by Turks, Druses, and stationary Arabs, and is visited in spring and summer by several Bedouin tribes. Burckhardt computes the resident pop, at from 50,000 to 60,000. The fertility of the soil depends entirely upon the water with which it supplied; and the harvest is, therefore, in proportion to the abundance of the winter rains, and the extent of artificial irrigation. Lands which cannot be irrigated usually lie fallow every other year; though a part is sometimes sown in spring with sesamum, cucumbers, melons, and pulse. Where an abundance of water may be obtained from neighbouring springs, the soil is sown with lentils, pease, sesamum, &c. after the grain harvest. In middling years, wheat is said to yield 25 times the seed; and the produce of barley is said sometimes to average 50 and even 80 times the seed; though these statements are usually much exaggerated, and but little to be depended on. The first harvest is that of horse-beans, at the end of April: vast tracts are sown with statements are usually much exaggerated, and but little to be depended on. The first harvest is that of horsebeans, at the end of April: vast tracts are sown with these, to serve as food for cows, sheep, and camels. Next comes the barley, and, towards the end of May, the wheat harvest. The wealth of a cultivator is estimated by the number of feddams, or yokes of ozen, he employs. The owner of two or three is estimated rich, and he will probably possess, besides, two camels, a mare or gelding, or a couple of asses, and forty or fifty sheep. Taxes are very heavy in the Haouran. There is, first, the sairi, paid to the pacha, and which is levied on the feddams, the amount depending on the sum at which the whole village is rated in the pacha's books, and which must be paid as long as the village is inhabited, be the number of feddams employed few or many. Next is the must be, paid so long as the village is inhabited, be the number of fedbane employed few or many. Next is the hobligation to supply the troops, &c., with provender; and the third and heaviest contribution paid by the villagers is the khose, or tribute (identical with the black-meal of the Scotch) claimed by the Bedouins, in return for their protection, or rather forbearance. Each village pays khome to the sheikh of a tribe, who is then bound to protect the inhabs, and pays a tribute of from 30 and 40 to 400 plastres to the pacha for this privilege. Lastly come the unlimited contributions exacted by the pachas. The receipt of the miri of the whole pachalic, which may amount to 250,000%, is in the hands of Jow bankers, who not only get about 5 per cent., but contrive to extort something further on their own account. Families in the Haouran are constantly moving from one place to another. In the first year of their new settlement the shelkh acts with moderation towards them; but his exanother. In the first year of their new settlement the shelkh acts with moderation towards them; but his exactions becoming insupportable, they migrate to some other place, where they have heard that their hrethren are better treated; they soon find, however, that the same system prevails over the whole country. (Mod. Trav. iii. 80–83.) In addition to all these exactions, the crops in the Haouran are sometimes destroyed by mice, though not so often as in the neighbourhood of Horus and Hamah. But the worst enemies of the agriculturist are the clouds of locusts which sometimes devastate the country. Associated was a sear "green thing." vastate the country, devouring every "green thing."
They are not, however, an unmitigated nuisance, having been used for food time immemorial, and are said to be

both wholesome and palatable.

The most careful cultivation in Syria is exhibited on the slopes of Mount Lebanon and other inaccessible dis-The most careful cultivation in Syria is exhibited on the slopes of Mount Lebanon and other inaccessible districts, where the inhab. enjoy a comparative exemption from the exactions of their Turkish masters. "Stimulated by their sense of security, they have, by dint of art and labour, compelled a rocky soil to become fertile. Sometimes, to profit by the water, they conduct it, by a thousand windings, along the declivities, or stop it, by forming dams in the valleys; while, in other places, they prop up ground, ready to crumble away, by walls and terraces. Almost all these mountains, thus laboured, present the appearance of a flight of stairs, or an amphitheatre, each step of which is a row of vines or mulberry-trees. I have reckoned 120 of these gradations on the same declivity, from the bottom to the top of the mountain. So powerful is the influence of even the feeblest ray of liberty and security." (*Volsey, 1. 300.)

The mulberry-tree flourishes on the coast and through the more fertile parts of the Lebanon range, and a little more attention to the culture of silk would reader it in a few years the principal article of export. The mulberry plants are set in rows 6 or 8 ft. part; they are cut off at a corresponding height, and suffered to retain only the fresh twigs. The arrangement generally made with the peasant try is to allow them one fourth part of the silk for taking care of the worms, and reeling it off the cocoons. The landowner provides the leaves, which are gathered by the peasants. He also erects the sheds in which the cocoons are kept, which are simple reed enclosures, without

any roof. The quantity of silk annually produced so Mount Lebanon is estimated at about 1,300 cantars, or 240,000 okes, fetching from 130 to 125 plastres the oke, of which about two-thirds are exported. About 400 cantars any roof. The quantity of silk annually produced se Mount Lebanon is estimated at about 1,300 cantars, or 240,000 okes, fetching from 130 to 135 plastres the oke, of which about two-thirds are exported. About 400 emirs is considered an abundant crop in the Tripoid district. Aleppo receives about 250 cantars from Antioch, as other quarters. Its chief consumption there is in the manufacture of the cotton and silk goods used for upper garments by the wealthy inhaba; but it is also sent into all parts of the Turkish empire; and, in 138, 100 cantars were sent to Genoa, France, and Regisad. The average annual produce of cotton in the vicinity of Acre, Jaffa, Nablous, and other places in the S., is estimated at from 30,000 to 35,000 cantars, worth about 350,000. In the N. the crops are exposed to great vicinitudes. The quality of the cotton is sometimes good, but more commonly inferior. The export is chiefy to Smyrna, and other parts of Turkey. Not more than from 1,000 to 2,000 cantars reach W. Europe, the quantity that comes to England being very trifling. The old harvest is very precarious. From 8,000 to 10,000 cantars way be about the average consumption in Aleppo, half of which is produced in the engishbourhood. The average rootund Damascus is estimated at from 4,000 to 5,000 cantars. The oll has of late years been consistably improved, and its quantity augmented by the isorduction of oil-presses from France. When might become an important article both of consumption and export; and at some of the convents of Lebanon (where the rise is suffered to trail on the ground) a very good wis, called wine d'oro, is met with. Madder and indigo gww wild; and the former, as well as the sugar-cane, has been partially cultivated. Brahim Pacha introduced the cochineal insect into Syria with every prospect of so-cess; for the cactus, on which it feeds, grows there to an immense size, and forma, in fact, most of the hedges in the country. The dates of Syria are not equal in quality to those of Egypt or Nubla; but the date pain is being universal both by males and females. The test found in the districts of Aleppo, Latakia, Tripoli, and Mount Lebanon, large exports taking place from Latakia and Tripoli to Egypt and elsewhere. The total product is estimated by Col. Campbell at 10,700 cantars a year. Scammony, the juice of a species of convolvalus, which grows in N. Syria, is a valuable article of export; and that from Aleppo is esteemed the best in the markets of Europe. But it is rarely obtained pure; the collectors first adulterating it with flour or starch, to first colour and consistency; and with myrrh, to give k a bitter, aromatic taste. It is then sold to the Lew dealer, who further adulterate it in the same manner, mixing 4 or 5 rottoll of starch with 1 rottolo of scammony, is which state it is sent to England at a price of from 250 to 300 plastres per rottolo. From 1,200 to 1,500 loads of hemp are produced in the Damascus district; but is not an article of export. From 200 to 250 cantars of bery wax are annually collected in the Aleppo district, nearly half of which is sent to Europe.

The forests of N. Syria have lately supplied large quantities of timber; the arsenals and dockyards of Egyphaving been principally furnished from this source From 70,000 to 80,000 trees, large and small, or about 14,000 tons of timber, principally pime, oak, and beech, were shipped in 1837 for Alexandria.

The Holy Land in antiquity was eminently distinguished for its abundance of cattle, including sheep, goats, camels, and asses; and though much diminished in numbers, these animals still constitute a principal part of the wealth of the occupiers. No very large or formidally will an annuals exist at present in Palestine; is fallow will an annuals exist at present in Palestine; is fallow will an annuals exist at present in Palestine; is fallow the principal. There are, however, numerous brissand will down; and a great variety of reptiles is met with and will an annual exist at present in Palestine; is fallow to the actual condition of the peasantry.

Conflicting statements have been put forth with respect to the actual condition of the peasantry. According to Mr. Consul Moore "the fellah, or peasant, in Syria, series on the other hand, states that "the condition of the passant, in Syria, series on the other hand, states that "the condition of the labouring classes is, comparatively with that of these is labouring classes is, comparatively with that of these is a labouring classes is, comparatively with that of these is a labouring classes is, comparatively with that of these is labouring classes is, comparatively with that of these is labouring classes is, comparatively with that of these is labouring classes is, comparatively with that of these is labouring classes. The state of the comparation of wheat, husked and bruised, or half ground; paration of wheat, husked and bruised, or half ground; seat and an abundance of vegetables, best roots, turnipus, and and an abundance of vegetables, best roots, turnipus, and radiables, preserved in brine or vinegar, and cauming, and and cauming and capsicums in vinegar, for winter use. Their chains is not especially coarse; the fine climate permit is as is to especially coarse; the fine climate permit is as is to especially coarse; the fine climate permit is as in the short winter they are generally well covered.

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fodging is good; generally each family has a separate house, or a set of rooms. Lodging generally in Syria is cheap, comparatively with most other countries. The Mussulmans have few holydays; the Christians have a great many, and their amusements are much of the same sort as the Mussulmans, if any thing, less sober; but, on the whole, none of the classes of the pop. can be taxed with habitual inebriety. But it is rare that any of the working classes can lay by sums adequate to enable them to pass the decline of life without labouring. In Syria a great portion of the labour is done by females: them to pass the decline of life without labouring. In Syria a great portion of the labour is done by females: they are constantly seen carrying heavy burdens, fetching water, &c.; they bring home timber and brushwood from the forests, and assist much in the cultivation of the fields." (Rep. on Syria, 49, 80.) Field labour near Beyrout is pald at from 5 to 64 plastres (1s. to 1s. 3d.); and artisans, as masons, carpenters, &c., get 14 or 15 plastres (2s. 10d.) a day. The yearly expenditure of one of the labouring classes may average from 12t to 16t. (Boid., p. 51.)

The fisheries are unimportant, except that of sponge; which is obtained along all the N. half of the coast; and in a good season, about 3,000 okes are gathered, which are principally sent to Smyrna, Rhodes, Marseilles, &c.

which are principally seat to Smyrna, knows, mar-seilles, &c.

Few of the manufactures for which Syria was an-ciently renowned, survive at present. In Damascus, there are about 4,000 looms for silk and cotton stuffs, each producing 4 or 5 pieces a week, worth from 80 to 95 plastres each. In Aleppo, nearly 6,000 looms of the same description were at work in 1829; but the number in 1838 had diminished to 1,300, the consumption of rich stuffs having fallen off in favour of cotton goods, for stuffs having fallen off in favour of cotton goods, for which British twist is employed, and which occupy about 500 looms in that city. About 300 looms are also said to 500 looms in that city. About 300 looms are also said to be occupied in the manufacture of gold and silver thread stuffs, and the total produce of the looms of Aleppo is estimated at 250,000%, sterling a year. (Bevering's Rep., p. 84.) In good oil years, from 7,000 to 8,000 cantars of soap are made in Aleppo; and perhaps 12,000 cantars at Damascus, Jerusalem, Nablous, and other parts of the country; it is not, however, exported to any great distance. Coarse woollens, glass, earthenware, and leather are among the other chief goods manufactured. Horus, Hamah, and Beyrout, are the other principal manufacturing towns. The ancient art of dyeing in purple is lost at Tyre, and Damascus blades have no longer their former reputation. In Palestine, a considerable trade is carried on in the manufacture of crosses, beeds, rosaries, and such like trumpery.

purple is lost at Tyre, and Damascus blades have no oneger their former reputation. In Palestine, a considerable trade is carried on in the manufacture of crosses, beads, rozarles, and such like trumpery.

Commerce.— In remote antiquity, Sidom and Tyre were the principal emporiums of the world: they were succeeded by Damascus, Antioch, Joppa, &c.; and in later times by Palmyra, whose grandeur was mainly owing to ber situation on the great route of traffic between E. Asia and Burope and W. Asia. But for a lengthened period the commerce of Syria has been comparatively inconsiderable. The internal trade of the country is greatly impeded by the want of good roads; those that exist being mostly mere mule or camel tracks. But, notwithstanding, gum arable, tragscanth, assaferida, opium, &c. are brought from the surrounding countries; galls and barilla from beyond the Ruphrates; safron from Persia and Natolia; hare, fox, and jackall skims; yellow berries and goats' hair from Asia Minor; and these, with cotton, goats' and sheep's wool, silk, tobacco, and other kinds of raw produce, previously specified, form the principal exports. The imports consist chiefly of colonial produce and European manufactures; coffee (W. India), from France, Italy, and England; sugar, from France and Great Britain; pepper, spices, rice, dyeing drugs, copperas, cotton manufactures, cambrics, shirtings, nankeens, imitation shawis, and a few Indian manufactures, in return for European manufactures and cochineal; and constant caravans travel between Aleppo and Aintab, &c., bringing oil, grain, and leather for the use of the former, which is by far the most important dépés in the interior of Syria. The progressive increase of the foreign trade after the Egyptian conquest was obvious; and chiefly in favour of the British, at the expense of the foreign trade after the Egyptian conquest was obvious; and chiefly in favour of the British, at the expense of the freinch and Sardinian. In 1839, Syria and Palestine received from Great Britain in 1976,500 y worth 195,770f., and 777,135 lbs. cotton twist, with earth-enware, steel, wrought and unwrought, cochineal, in-digo, sugar, pepper, pimento, &c., the value of the whole amounting to 261,050f. (Board of Trade Reports, 1841.) The following is an account of the values of the imports into, and the exports from, Syria, in 1835, specify-ing those from and to each country:—

Imports.	Exports,	
Prom Austria - 1,661,500 Egypt - 1,684,500 Prape - 6,884,500 Greece - 1,844,600 Greece - 1,844,600 Greece - 1,844,600 Greece - 1,844,600 Turkey - 8,841,400	To Austria 957,700 Eypt 11,900,000 Great Britain 350,000 Great Britain 350,000 Great Britain 350,000 Great Britain 46,680 Sardinia 1,185,690 Turkey 4,677,300	
Total - 48,210,600	Total - 29,270,200	

Total -48,210,600 | Total -29,270,200 |
The balance was principally paid in spects, or in European bills of exchange. The slave trade is not carried on to any great extent in Syria.

Government, &c. — The immediate influence of the conquest of Mehemet All was exhibited not only in the increase of commerce, but in a better system of police, and a better administration of justice, an increase in the value of land and labour, an increase of cultivation, and greater religious toleration. But the rayshs, and working classes generally, though better protected, were more burdened and impoverished. They were forced to labour for sums far below the ordinary rate of wages; their camels, cattle &c. were continually selzed for the service of the government, and their property and resources, of whatever kind, were subjected to fresh exactions. According to Mr. Werry, nothing was done to improve the means of communication in Syria during the Egyptian ascendancy; few public works having been to improve the means of communication in Syria during the Egyptian ascendancy; few public works having been undertaken, except extensive barracks in the large towns. Neither did the government make public education so much an object of its care as in Egypt. The forced cultivation introduced by Ibrahim Pacha enriched only the government, not the subject. But the short period during which Syria was held by Mehemet All, and the uncertainty of his tenure, were sufficient to hinder him, however much disposed, from undertaking or effecting any considerable reforms or changes; though, if we may judge from what he has done in Egypt, his changes, had he been allowed to introduce them, would hardly have been improvements. On the whole, however, we incline to think that, whatever might have been the influence of his government, it would, at all events, have been preferable to the worn-out, extravasted despotism of the Ports.

Under the Egyptians, Syria was divided into 6 dis-

wenus, nave been preterable to the worn-out, extravasated despotism of the Porte.

Under the Egyptians, Syria was divided into 6 districts; those of Aleppo, Damascus, Jaffa, Tripoli, Sald (Sidon), and Adana. Every town had a mutellim, or head police magistrate; and in all having a pop. of above 2,000 persons, Sciori divans, or town councils, were established by Ibrahim Pasha. These bodies consisted of from a dosen to 20 of the chief inhabs., without distinction of religion, and acted as a civil and commercial court, the decisions of which were subject to appeal to the divans of Aleppo or Damascus, and finally to the supreme government at Cairo. These courts greatly circumscribed the duties of the cadi sent annually from Constantinople to make the judicial tour of Syria. Justice was remarkable for its promptitude and severity, Murder, burgiary, highway robbery, and other capital crimes, are, however, comparatively rare in Syria. Europeans are subject to the jurisdiction of their own consulates.

No law exists making provision for the poor, though

No law exists making provision for the poor, though there are many private Russulmen endowments; and the other religious sects mostly support and relieve their own sick, paupers, &c. In every parish, or mosque district, there are Mohammedan primary schools; and Jewish, Christian, and other primary schools, are established wherever those sects prevail. But the instruction in these is mostly limited to that derived from religious books; and there is no native school in Syria where a more advanced education is given than in reading and writing, with the exception of the Greek college at Beyrout, where geography is studied from books printed at the Protestant presses. The American missionasies have a superior college in that town, and various other schools in the country. chools in the country.

The army maintained by Ibrahim Pacha in Syria was readly over-rated in amount. Mr. Moore estimates the otal number of men at from 45,000 to 50,000; 35,000 infantry, 4,400 artillery, and from 6,000 to 8,000 cavalry, independent of the irregular Bedouin troops. The forces in Syria were, for the nost part, Egyptian, the Syrian conscripts being usually sent to Egypt, and replaced by others from thence. The discipline introduced into the others from thence. The discipline introduced into the Syrian army was copied from that of the French. Ibra-him Pacha had the address to disarm all the civil pop., and attempted to settle some of the Bedouin tribes on the skirts of the Desert. But subsequent events appear to have restored their arms to the former; and the latter, most probably, prowl lawlessly over the country, as heretofor

The public revenue in 1836, derived from the land, house, cattle, capitation, toleration, &c. taxes, government rents, fines, customs, and octroi duties, &c., was

supposed to be equivalent to about 696,000%; but the expenditure in the same year was estimated at nearly 1,200,000%, the deficiency having been made up by con-

1.200.000... the deficiency having been made up by contributions from Egypt.

The inhabitants of Syria comprise a mixture of different races, consisting partly of the posterity of those who occupied the country when it was overrum by the Arabs, that is, of the Greeks of the lower empire; partly of the posterity of the Arab conquerors of the country; and partly Turks, or Ottomans. And these, again, have been intermixed with each other, with the erusaders, who invaded and held a portion of the country for a considerable period, and with the wandering Bedouins, Kurds, &c. But, how different soever their origin, these races have, in the course of time, become equally of a middling stature; those belonging to the southern plains; and these, again, than those belonging to the mountains. On Lebanon, indeed, and in the mountainous districts generally, the complexion does not differ materially from that of the inhabs, of the S. of Francs. Arabic is the general language of the country; and Volney affirms, in opposition to the statements of Niebuhr, that neither Syriac nor modern Greek is any where in common use.

But notwithstanding the family or national reason.

ney affirms, in opposition to the statements of Niebuhr, that neither Syriac nor modern Greek is any where in common use.

But notwithstanding the family or national resemblance by which the Syrians are now distinguished, they are distributed into different classes or tribes, all differing from each other in more or fewer particulars. Of these tribes, one of the most famous is that of the Druses, occupying the S. parts of Lebamon and Anti-Lebamon, parts of the Haouran, &c. They are supposed to be of Arabic origin, and to be disciples of a Mohammedan heretic of the 10th century. Their religion, notwithstanding the late researches of Mr. Jowett, Mr. Robinson, and others, still continues involved in a good deal of mystery. According to Volney, they appear to have a contempt for all that the Mohammedans hold most sacred; for, he says, they neither practise circumcision, nor prayer, nor assing, nor observe festivals nor prohibitions; and that they drink wine, eat pork, and allow of marriage between brothers and sisters, though not between fathers and children. They have an emir of their own, and enjoy a rude independence, to which, no doubt, their "openness, sincerity, and engaging manners." (Clarke, iv. 206.) are mainly to be ascribed. They are divided into two great classes, the learned, or initiated (abous) and unlearned, uninitiated (glabets). The former, who enjoy various privileges, are distinguished by their white turbans. Robinson says that "the uninitiated perform no religious rite whatever, unless when circumstances oblige them. initiated (about) and unlearned, uninitiated (djakels). The former, who enjoy various privileges, are distinguished by their white turbans. Hobinson says that "the uninitiated perform no religious rite whatever, unless when circumstances oblige them to assume the appearance of musulmen." (11. il.) They are eminently tolerant; and live on good terms with both Christians and Mohammedans. Mr. Elliot is not very favourable to the Druses. "Outwardly," says he, "they are moral in their deportment; but it is doubted whether similar decorum prevails behind the scenes. Though polygamy be permitted, yet few have more than one wife, who, however, may be divorced at pleasure. They are extremely hospitable; yet, where no breach of hospitality is involved, the rights of blood and friendship are unhesitatingly sacrificed to interest. They have little personal, but much public pride. The women are distinguished by an appendage as strange, unmeaning, and hideous, as female fancy ever devised. Other nations may laugh at the long trains of the ladies of England, the infantine shoes of China, or the monstrous noserings of India; but the tisatoser of Lebanon surpasses them all. It is a plated, silver, or gilt tube, resembling a straight horn, 18 inches long, and standing out like a unleon's, at an angle of 490 from the centre of the forehead, or from one side of the head; it is fastened hy means of a spring, balanced by 3 heavy tassels hanging down the back, and covered with a white transparent veil." (Elliot's Trav., ii.)

The Maroutize are a Christian sect, principally inhabiting the country about Lebanon, adjacent to the Druses. They originated in the 6th century, and profess themselves to be followers of the monk Maron, whence their name. They effected a union with the church of Rome, from which they had never differed very widely, about 1215. They are divided into the two classes of shelks or chiefs, and common people, and have a spiritual head, with the title of Patriarch of Antioch. They are all husbandnen; property is sacre

head, with the title of Patriarch of Antioch. They are all husbandinen; property is sacred amongst them; and, on the whole, they bear a good character. Like the Druses, they have succeeded in maintaining their independence, paying merely a moderate tribute to the pachas. The Metualis, another tribe, are Syrian Mohammedans, of the Shitte, or Persian sect. The Ansarians, Yesidi, Samaritans, &c., have complicated religious systems, partly Mohammedan and partly idolatrous; but for accounts of these and the other Syrian tribes, we beg to refer the reader to Volacy, which still continues to be the best work on this interesting region.

TABRIZ.

The ancient history of Palestine is familiar to every reader of the sacred writings. Under Solomon, it became a rich and powerful kingdom; and after undergoing various vicinstitudes, it finally became tributary to the Romans. At the period of the advent of the Messiah, it was divided into 5 provs., Judea, Samaria, Galilee, Persza, and Idumea. We have already (art. JERURALERI) noticed the conquest and destruction of that city by Titus, and the final dispersion of the Jews. In more modern times the Holy Land became the seat of a violent struggle. A singular combination of credulity and superstition gave birth to the crusades; and for some centuries the recovery of the Holy Land, and especially of the Holy Sepulchre, was sufficient to precipitate hundreds upon the East. At length, after occans of blood had been spend, the victories of Saladim put an end to this deplorable phrensy. In 1516, the country was taken by the Turks.

Very recently, or in 1633, Ibrahim, son of Mehemet Ali, pachs of Egypt, undertook and speedily effected the conquest of Syria and Palestine. It is doubtful, as already seen, whether they would have gained any thing by the change; but it would be very difficult, indeed, to show that they could have lost any thing. The great European powers, however, with the exception of Frames, determined not to permit Syria to be disunited from the Porte; and in 1840, a British fleet, after a short but tramendous cannonade, took Acre, and Ibrahim was compelled to agree to evacuate the province. It does not, however, seem that the states by whom this revolution was effected took any step whatever to ensure the better government of the country in future; to obviate any one of the history of Phenylicia. (See Releasti Palestines; Bose-

to make any stipulation of any kind in favour of the inhabitants.

In the art. Tyre, the reader will find some notice of the history of Phornicia. (See Releast Pelestians: Beasing, &c., Rep. on Syris; Castille, La Syris cous Mehmet Ali; Marmoni, Veyage, &c., ii. iii.; Russelt's Aleppe; Volacy, passim; Elliot, Wilde, Robesson, Addison, &c.; Mod. Tyre, i. ii. iii., &c.)

8ZEGEDIN, a royal free town of Hungary, co. Coongrad, of which it is the cap., on the Thess, where it is joined by the Maros, &0 m. W.N.W. Arad, and 100 m. S.E. Pesth. Pop. 32,300. (Berghess.) It consists of the town-proper, tolerably well built, and chiefly is habited by Germans; the fortress, the realisence of commandant and garrison, connected with the town by two bridges; the upper and lower suburb, and the corn market. It has a house of correction (which, according to the Asset. Nat. Eng.c., is the only one in Hungary, a lyceum, gymnasium, Plarist college, military school, dc.; and is the see of a Greek protopopas. Paget says it is one of the most disagreeable towns in Hungary: it has, however, a good deal of trade, chiefly in corn, soda, soap, and tobacco, with several soap and other factories. It also supplies some of the best river craft in the kingdom. (Berghaus; Paget's Hungary, &c., i. 1481.

TABRIZ, or TAURIS, a city of Persia, prov. Adserbijan, of which it is the cap., in a large and fine plain, on a small river which falls into Lake Urumea, 390 m. W. N.W. Teheran, lat 38° 10′ N., long. 48° 37′ E. Its pop. was estimated by Chardin at upwards of half a million; but it has declined so much in the interval, that it is now probably under 30,000; and it is said by Mr. Kinneir to eo one of the most wretched cities he had seen in Persia (Persian Empire, p. 151.) Being surrounded by a forest of orchards, it appears from the high ground above it to be of immense extent; and a modern traveller considers the circuit of the gardens of Tabris to measure not less than 30 m. (Rawlinson in Geog. Journal, x. 2.) But the town itself, which is nearly in the centre of this area, is only about 3½ m. in circuit; it is surrounded with a brick wall and towers, and is entered by seven gates. It has few public buildings of note: the principal is the citadel of Ali Shah, a part of which is now converted into as arsenal, where many European artisans are or have been employed. A considerable portion of the pop. live is the suburbs, which straggle over the area of the ancient city, and are built of its ruins. Tabris is said by D'Anville to represent the ancient Gazzacz, where Cyrus deposited the treasures of Crossus, and which was afterwards taken by Herealius; and it has been also supposed to be identical with the Taber of Ptolessy. But, according to other authorities, it was built under revages of war and earthquakes. Its climate is greatly declined. Few cities have suffered so much from the ravages of war and earthquakes. Its climate is praised by the natives for its salubrity; but the changes of temperature are extremely great and sudden, and in

winter the cold is so intense, that "many instances have occurred of individuals, accidentally excluded from the city by arriving after the gates were shut, being found frozen to death in the morning." (Mod. Traw., xill. 205—296; Kinneie's Persians Empires, &c.)

TADCASTER, a market fown and par. of England, W. Riding, co. York, partly in the liberty of St. Peter of York, and partly in Barkstone-Ash wapent., on the Wharf, here crossed by a stone bridge; 10 m. W.S. W. York. Area of par., 6,100 acres. Pop. of do., in 1841, 3,173. The town is well built. The church, which is handsome, in the perpendicular style, has a fine tower. (Richman's Goldic Architecture.) The living, a vicarage in the gift of Lord Egremont, is worth 240f. a year. It has chapels for Methodists and other dissenters. Jesus' hospital for four poor men, a free grammar school, founded in the time of Queen Elizabeth, Sunday schools, for some of which spacious buildings have been erected, &c. There are no manufactures, but a good deal of retail trade. Markets on Thursdays. Fairs, last Wednesday in April, May, and Oct., for sheep and cattle.

TAGANROG, a fortified sea.port town of Russia in Europe, on the N. shore of the N. E. angle of the sea of Asoff, decominasted the gulph of the Don, about 10 m. from the mouth of that river; last. 470 12' 48" N., long. 280 E. Pop. about 16,000. The foundations of Taganrog were laid by Peter the Great in 1696; but it afterwards fell into the possession of the Turks 1 and it was not till the reign of Catharine II. that it became of any considerable importance. It has ten churches, of which there are built of stone; a gymnasium, a poor's

was not till the reign of Catharine II. that it became of any considerable importance. It has ten churches, of which three are built of stone; a gymnasium, a poor's hospital, &c. It was intended by its illustrious founder to replace Asoff, the ancient emporium of the Don, the port of which had become all but inaccessible; and its whole consequence is derived from this circumstance, or from its being the entrepôt of the commerce of the vast countries traversed by that great river. Of the exports wheat is by far the most important. In 1847 the shipfrom its being the entrepôt of the commerce of the vast countries traversed by that great river. Of the exports wheat is by far the most important. In 1847 the shipments of this grain reached the very large amount of \$46,856 quarters, worth when shipped above 1,000,000%. etg. The exports of the other varieties of corn are but inconsiderable. In the above-mentioned year there were among the exports 3,810 tons tallow, 36,443 qrs. tinseed, and 9,108 do. rapeseed, 10,256 cvt. wool. 5,315 do. cariar, 2,877 do. butter, with small quantities of iron hides, cordage, furs, wax, ashes, isinglass, &c. The imports consist principally of wine, oil, fruit, drysalteries, cotton and woollen goods, spices, dye stuffs, tobacco, sugar, cossee, &c. The largest portion by far of the trade is carried on with Constanthople, Smyrna, and other Turkish ports; but a good deal is also carried on with the Italian and other foreign ports; and there is an extensive coasting trade with Odessa and other Russian ports. Seeing that Taganrog was built to obviate the difficulties that had to be encountered by vessels entering the Don, through the shallowness of the water, it might have been supposed that care would be taken to place it in a position in which it should be, in as far as possible, free from this defect. This important considerable seems, however, to have been in a great measure overlooked. The guiph of the Don is seldom navigable by vessels drawing more than from 8 to 9 ft. water, and even these cannot approach within less than about 700 yards of the town. They are principally loaded by carts, drawn each by a single horse, the expenses being so very considerable that it costs from 120 to 150 copocks to ship a chetwert of wheat.

To obviate these inconveniences it has been proposed

chetwert of wheat.

To obviate these inconveniences it has been proposed to make Kertsch, on the B. coast of the strait of Yenlkali, a depôt for the produce of the sao of Axoff; and while the latter would be much easier of access to foreign ships, the coasters that at present bring down the products of the basin of the Don from Nakhitchevan and

ahlps, the coasters that at present bring down the products of the basin of the Don from Nakhitchevan and Rostoff to Taganrog, would be able to bring them direct to Kertach, where they might be landed and shipped with much greater facility, and less expense. In 1836, 761 vessels arrived at, and 730 sailed from, Taganrog; but owing to the shallowness of the water they were chiefly of small burden. With the exception of a few foreign houses, the merchants are mostly all either Greeks, or of Greek origin, and are not wealthy.

The emperor Alexander, whose reign will always form a memorable and brilliant æra in the history of Russia, expired at Taganrog on the 19th of November, 1825. (For further particulars see Schnitzler, La Russie, p. 717.; Hagemeister on the Trade of the Black Sea, p. 31, &c. ; and Russian Official Accounts.)

TAGUS (Span. Tajo, Portug. Tejo), the principal and most celebrated river of the Span. peninsula, through the centre of which it flows from E. to W., between the basins of the Ebro and Douro on the N., and the Guadiana on the S. It has its source in the Sterra Albarracia, on the borders of Aragon and New Castile, about lat. 400 22 N., long. 10 35 W., 30 m. W. Teruel, and only 90 m. from the Mediterramean. At first it runs N.W., but after having been joined by the Molina, its course is generally W. by S.W., through New Castile

and Estremadura, in Spain; and in Portugal between Beira and Alemiejo, and through Estremadura to the Atlantic, which it enters after expanding into a wide setuary, about 7m. below Lisbom. Its entire length may be estimated at nearly 600 m., about 2-4ths of which are in Spain. Its principal tributaries are the Jarama, Aliberche, Alagon, and Zesere from the N., and the Rio del Monte, Salor, Sora, &c., from the S. Aranjuez, Toledo, Talavera, Almarez, Alcantara, Abrantes, Punheto, Santarem, and Lisbon, are on its banks. At its entrance into Portugal, the Tagus is 130 yards in width, and at Punheto upwards of 300 yards. Above Lisbon, it expands into a wide basin, from 2m. to 7m. across; but opposite that city its breadth contracts to less than 2 m. The Tagus has been celebrated, both in antiquity and in modern times, for its picturesque beauty: nothing, however, can be more incorrect than these poetical descriptions. It flows, in fact, for the most part, through an arid country, bare of wood, and uncultivated; its waters turbulent and muddy. It was famous in antiquity for its golden sands: Tagus awriferis acrais celebrates (Pilis, Hist. Nat., lib. iv. cap. 22.; see, also, Silius Italicus, lib. vi. v. 755.; Owitii Mctamorph., lib. lii. v. 251., &c.) At present, however, very few particles of gold are ever found in the sands of the river; and though they may have been more abundant in antiquity, the fair presumption seems to be, that it is indebted for its celebrity.

&c.) At present, however, very few particles of gold are ever found in the sands of the river; and though they may have been more abundant in antiquity, the fair presumption seems to be, that it is indebted for its celebrity, the this respect, rather to the yellow colour of its sands than to its gold.

Hitherto the Tagus above Lisbon has not been of much commercial importance, though it be navigable as high as Abrantes. Attempts have, however, been made to render it navigable from Toledo, and even Aranjuez; and no doubt, should the present liberal government maintain its footing in Spain, this will be effected. Inglis says, that in the winter of 1829, the passage downwards to the sea was successfully undertaken by a boat from Toledo. But, he adds, "this could not have been done at any other season; because, in dry weather, the water is in many places almost wholly diverted from its natural channel for the use of the mills that have been erected upon its banks." (Inglis's Spains, i. 397.)

Misson, dr.; Cellaris' Geographic Assigna, i. 63. &c.)

TAIN, a royal and parl. bor. of Scotland, co. Ross, on rising ground, near the S. shore of the Frith of Dornoch, and near the mouth of the river Tain, 24 m. N.N.

E. Inverness. Pop. of parl. bor., in 1841, 1,872. "Tain has improved of late years, and may be considered in a thriving condition. Many new houses have been built, and a good dead of ground has been fenced. It possesses a good academy (founded in 1809), which has attracted a number of families to the town for the education of their children; but it has little or no manufacture, and the eand-bars on the cosat derive it of any advantage it

a good scadesny founded in 1809), which has attracted a number of families to the town for the education of their children; but it has little or no manufacture, and the sand-bars on the coast deprive it of any advantage it might have derived from its maritime situation. (Parl. Bosmel. Report.) New county buildings were lately erected on the site of the old prison, a new gool having been built at the S. W. angle of the town. It has a handsome par. church, a Free church, a grammar school, and three branch banks. It is associated with Cromarty, Dingwall, Dornoch, and Kirkwall in sending i mem. to the H. of C. Reg. elect. in 1849-50, 88. It is governed by a provost, 2 baillies, and 12 councillors. Corporation revenue, in 1847-48, 3884.

TALAVERA DE LA REYNA. a city of Spain, New Castile, prov. Toledo, on the Tagus, 42 m. W. by N. Toledo, and 65 m. S. W. Madrid. Pop. about 8,000. It stands on a large and fertile plain, and is divided into two parts by the river, which is here crossed by a stone bridge of 35 arches, and 530 yds. in length. The remnants of old fortifications exist, but the town cannot, at present, be said to be fortified. "The modern town is very irregularly built, with low houses, and narrow and ill-paved streets: it has 8 par. churches, 8 monasteries, and 5 nunneries, which appear to have nothing about them remarkable, (except, perhaps, the collegiate church, in which Mißnano says there is a good picture of the Assumption). There are two handsome almedes, or public promenades, which are but little frequented, the inhabsbeing as generally sunk in apathy and sloth as in the days of their ancient townsman Mariano." (Mod. Traw. xix. 221.) Talavera has an economical society, schools of Latin, philosophy, theology, &c., and had formerly some being as generally aunk in apathy and sloth as in the days of their encient townsman Mariano." (Mod. 7000. xix. 221.) Talavera has an economical society, schools of Latin, philosophy, theology, &c., and had formerly some manufactures of silk, stuffs, and porcelain. Its markets are tolerably well supplied with provisions. It is supposed to represent the Talabrics of the Romans: it supposed to represent the Talabrics of the Romans: its was taken by the Moors in 714, and various Moorish remains are still to be seen in the city and its neighbourhood. After many vicissitudes it was destroyed by the Moors in 1109, but was speedily rebuilt. It afterwards became an apanage of the queens of Spain, whence its name. In modern times it has been rendered famous by the obstinate battle fought in its neighbourhood, on the 27th and 28th of July, 1809, between the British and Spanish forces under Sir Arthur Wellesley (now Duke of Wellington), and the French under Joseph Buonaparte,

assisted by Marnhals Jourdan and Victor. The French, who commenced the attack, were repulsed at all points. The slaughter was great, and nearly equal on both sides. (Martano : Napier's Pensusian War, ii. 393, &c.)

TAMBOFF, a central government of European Russia, principally between the 52d and 55th degs. of N. 1st., and the 46th and 43d of E. long., having N. Vladimir and Nijni-Novgorod, B. Pensa and Sarato, S. Voronege, and W. chieffy the latter and Riaisan. Its length N. to S. is about 350 m., breadth varving from 100 to 250 m. Area, 24,420 sq. m. Pop. in 1846, 1,76,900. Surface flat, except in a few parts, where it is slightly undulating. Principal rivers, the Tsna and Mocksha, tributaries of the Oka, flowing S. In the N. the soil is sandy and marshy, a large proportion of the country, principally the marshes, being covered with forests: in the E., or steppe, so called from its being bare of wood, the soil consists principally of a black mould, and is comparatively fertile. The government comprises in all 5,913,293 declatines (a deciatine = 2.7 Eng. acre), which, according to the notice until the in 1872, but M. Conversed for the country of the country and the country of the provents where the country of the country of the power of the power of the country tine = 2.7 Eng. acre), which, according to the notice published in 1833, by M. Korsakoff, formerly vice governor of Tamboff, were distributed as follow: —

Cultivated and cultivable lands Meadows and pasture grounds Forests of the crown individuals Towns and villages, with their de Communal properties Roads, marshes, and waste lands	881 rpend	,768 } ,673 } encles	-	Declatines, 2,296,177 1,515,388 1,035,441 93,197 726,749 815,270
Total	•	•		5,919,222

Total

Total

Total

Total

Total

Total

Total

Corn is the principal product; but, according to the official accounts, the crops are extremely variable, and scarcities frequently occur. The crop of 1802, for example, was estimated at 9,394,837 chetwerts, and that of 1821 at only 5,323,736 chet (a chetwert = 6 bushels nearly). In 1832, an abundant year, 800,000 chetwerts were exported to Moscow and Petersburg. We should not have thought it worth while to be so particular in these notices, but for the fact of its having been stated, in a consular return from Petersburg, that in 1835 no fewer than 38,000,000 quarters of corn were produced in this government! That any public officer should have made such a statement, and that the Foreign Office should have printed it without note or comment of any kind, is, if not a singular, at all events rather a remarkable circumstance. It may be affirmed, with the utmost confidence, that the sntire produce of the government amount to about 3,236,000 deciatines, or to very near 6,000,000 acres. Now, supposing this land to be ad in cultivation (which it is not), the invariable practice here is to take two crops and then fallow, so that a third part of the land is constantly waste, leaving 4 millions of acres under crop. If each acre produced, at an average, 3 quarters, the total produce would be 12 million quarters; but when we bear in mind the backward state of agriculture, and the poverty of the soil in the N. half of the government, where the return is add not to exceed 3 or 4 times the seed, it will be immediately seen that if we estimate the entire produce on on fifth part of the total produce; and we may farther observe, that it would cost from 15s. to 20s. to convey a quarter of this wheat either to Petersburg or to a ship in the roads of Taganrog, in the sea of Asoff. The peasantry are well treated, and in good circumstances. Hemp is extensively grown; the value of the quantity exported amounting, according to Schnitzler. to 1,000,000 roubles a year.

The forests along

is carried on to a considerable extent. Feter the Great established an extensive cloth manufactory, for the service of government, at the village of Boudari. This, however, was burnt down in 1836; but having been since rebuilt on a great scale, it gave employment, in 1842, to about 3,000 males, and 1,150 females: the consumption of wool is stated at 20,000 poods a year; and besides furnishing 440,000 arschines of cloth annually for the army, it pro-

duces other goods, worth 1,500,000 roubles It has also numerous forges, distilleries, tallow factories, milis (of which a very fine one belongs to Count Koutaisoff), &c. Principal towns, Tamboff, Morchansk, Chatok, Jélatma, Lipetak, &c. (See Schnitzler, La Russie, p. 361; Possars des Kaiserik Russian, p. 563.; Venables Russia, p. 883, &c.)

AMBOUT, a town of Russia in Europe, cap. of the above gov., about the centre of which it is situated, on the Tsna, 385 m. S.B. Moscow; lat. 55° 45′ 12″ N., long. 41° 45′ 15″ E. Pop., in 1800, according to an odincial statement, 20,147. The town, which is about 2 m. in length, by 1 m. in breadth, was originally founded and fortified in 1636 as a defence against the Incursions of the Nogal Tartars. The houses are principally of wood; to the terms of the Nogal Tartars. The houses are principally of wood; to the terms of the Nogal Tartars. The houses are principally of wood; symmasium, civil hospital, a military orphan asylum, act, in the school of cadets at Tamboff, about 100 pupils, sons of nobles, are instructed in French, German, military exercises, &c.; and the most intelligent are afterwards sent to the corps de cadets at Petersburg. A high school for young laddes was founded in 1834, and there are various other schools. Manufactures of woollet cloths, alum, vitriol, &c. are established; and the town has active general trade. has active general trade.

cioins, sium, virioi, &c. are established; and the bown has active general trade.

TAME, a river of England. Sce Thames.

TAMMORTH, a parl. and munic. bor., market town, and par. of England, principally in the co. Stafford, but partly also in Warwickshire, being divided into two parts by the Tame, where it is joined by the Anker, 64 m. S. R. Lichfield. Area of parl. bor., which the Boundary Act made co-extensive with the par., 12,930 acres. Pop. of do., in 1841, 7.652. The town is well built, and a handsome bridge is thrown across each of the rivers. According to the Manic. Bound. Rep., the pop. of both the bor. and par. appeared, at the time (1837), to be stationary, or decreasing rather than otherwise. This may be attributed in some measure to the decay of the staple manufacture of the place, and to the breaking up of the large establishment of the late Sir R. Peel. The town was not then lighted; but the inhabitants were about to assess themselves under the general act for that purpose. The gas works were nearly completed, and it is now well lighted. It is paved at the expense of the corporation. The par. church, dedicated to St. Editha, is supposed to occupy the site of a very ancient numerry. The gas works were nearly completed, and it is now well lighted. It is paved at the expense of the corporation. The par. church, dedicated to St. Editha, is supposed to occupy the site of a very ancient numery. It is a large, handsome edifice, with a fine tower, and a crypt under part of the church. Some portions are of decorated date, and some perpendicular, and both good; some of the windows have had very fine tracery. In the tower is a curious double staircase." (Richman's Goth. Arch.) Numerous monuments adorn the interior of this church. The living, a perpetual curacy, worth 170%, a year, is in the gift of — Ressington, Esq. There are various dissenting chapels, an hospital for 14 poor mees and women, founded and endowed by Thomas Guy, the founder of the famous hospital in Southwark which bears his name; a grammar school, which received endowments both from Edward VI. and Elizabeth. Very recently a free-school has been established by the Lite Sir Robert Peel, and there are other schools. Bors from the grammar school are eigible to a scholarship in Catherine Hall, Cambridge, and a native of the town to a fellowship in St. John's College, Cambridge. On an artificial height, near the town, is Tamworth Castle, a seat of the Townshend family. This castle, though now much modernised, is of great antiquity, having, according to some authorities, been founded by Ethelededs, daughter of Alfred. It was conferred, with the town of Tamworth, by William the Conqueror, on Robert de Marmion, Lord of Fontenay in Normandy, the exploits of one of whose supposed descendants have been immortalised in the best of Scott's poems.

Calico-printing, and the manufacture of superfine narrow woollen cloths, were the chief branches of la-

Calico-printing, and the manufacture of superfine narrow woollen cloths, were the chief branches of in-dustry at Tamworth; but of late years they have ma-terially declined.

dustry at Tamworth; but of late years they have materially declined.

Tamworth, which is on the line of the Roman Wasting Street, was a place of much consequence, and the favourite residence of the Mercian kings during the Heynourite residence of the paceration; but was re-incorporated by Elliabeth. The manicipal borough, which is much less extensive than the parliamentary borough, is governed by 4 aldermen and 12 counciliors; it has no commission of the peace, though quarter sessions for civil causes are held. Corprevenue, in 1848-49, 3104. 16s. 10d. The Commissioners of Inquiry into the municipal affairs of the different bors., speak highly of the past government of Tamworth. "The governing body is wholly self-elected: it does not appear, however, that the power thus vested in the body has been in any respect abused. Neither does it appear that the corporation, either as regards the appointment of members to the body carporate, or the exercise of the elective franchise, have been subject to the operation of any undue local influence. The ab-

sence of all complaint leads to the conclusion that the objects of municipal government have been satisfactorily attained in this borough; that the government been judiciously selected, justice well administered, and the revenues carefully applied to public purposes."

Tamworth has sent 2 mems. to the H. of C. since the Tamworth has sent 2 meins. to the H. of C. since the sho of Elizabeth. Previously to the Reform Act, the right of voting was in the inhabitants paying scot and lot. Reg. electors, in 1849-50, 396. The late Sir Robert Peel, Bart., certainly the most disinterested and truly patriotic minister that this country has had since the revolution, and, also, one of the abiest, was long representative for Tamworth, and one of its greatest benefac.ors. His seat of Drayton Manor is about 1 m. S. of the town; and he is interred, along with his father and mother, in the church of the adjoining par. of Basset Drayton.

TANIORE, a distr. of Hindostan, presid. Madras, and

TANJORE, a distr. of Hindostan, presid. Madras, and one of the most valuable in British India, ranking in one of the most valuable in British india, rainking in point of cultivation and productiveness next to Burdwan 'n Bengal. It lies principally between lat. 10° and 11° 80°, and the 79th and 80th degs. of E. long., having N. the distr. of Trichinopoly, W. Madura, and the ocean on the S. and E. Area, 8,65° aq. m. Pop., in 1831, 1,128,730 About half the prov. is a flat alluvial delta formed and completely irrelated by numerous hardware of the 1°01s. About hilf the prov. is a flat silluvial delta formed and completely irrigated by numerous branches of the Coleroon, which constitutes the N. boundary. This delta i justly considered the granary of the Madras territories; almost the whole of it is cultivated with rice, which is here produced in larger quantities and with more certainty than in any other distr. on the E. coast. The average gross produce in rice (not paddy) yearly, is estimated at 58,046 garce. (Madras New Almanac. 1839.) The rest of the distr. S. of the delta is on a considerably higher level; its surface is undulating, and it comprises many varieties of soil. Tanjore was formerly assessed under the ryot-war system, but this was afterwards abandoned for the village settlement, under which last both the revenue and cultivation have increased very considerably.

The pop. is for the most part Hindoo, and chiefly agricultural; but there are some manufactures of cotton

creased very considerably.

The pop. is for the most part Hindoo, and chiefly agricultural; but there are some manufactures of cotton and silk stuffs, of copper stensils at Combocoonum, Manargooda, &c. These, however, have declined greatly of late years, owing to the importation of cheaper English goods, though some manufactured articles are still exported with the agricultural produce to Bengal, Achin, Tranquebar, and the adjacent districts. The imports are iron, saltpetre, dry grain, oil, glue, wax, tamarinds, &c. from Coimbatore, Salem, Trichinpoply, &c. The trade of Tanjore is very considerable: in 1837-38 the value of the exports was estimated at 3,619,259 rup. value of the exports was estimated at 2,619,259 Total public revenue in the same year, 4,738,607 rup.; expenditure, 526,677 rup.: so that in a pecuniary point of view it is a very valuable possession.

Tanjore was never permanently conquered by the Mo-hammedaus, and Hindoo institutions and eduices have been preserved in it in much purity and perfection. In almost every village there is a pagoda, with a lofty gate-way of massive though not elegant architecture, in which way of massive though not elegant architecture, in which sundry Brahmins are maintained; and on all the great roads leading to these places are choultries for the ac-commodation of pligrims. The district has been noted for the prevalence of suttees. In antiquity it constituted the principality of Chola, whence the whole roast after-wards acquired the name of Coromandel. It was con-quered by the Mahrattas in 1675; but we came quietly into its possession in 1799, on condition of allowing the rajah a lac of star pagodas and a fifth part of its nett re-venue annually.

venue annually.

Tanjors, a large city of Hindostan, cap. of the above TANJORE, a large city of Hindostan, cap. of the above distr., in a plain S. of the Coleroon, and 170 m. S. E. Madras. Lat. 10° 45° N., long. 79° 12° E. Its pop. is not stated, but is probably from 35,000 to 40,000. It is said to be nearly 6 m. in circ., and consists of two separate portions, both fortified; one comprising the palace and other public buildings; and the other a celebrated pagoda, perhaps, the finest specimen in India of a pyramidical temple. Its grand tower is 199 ft. in height, and is, remarkable for its simplicity. In a covered area in this temple is a bull carved in black granite, 16 ft. in length, by 12½ ft. in height, deemed one of the best works of Hindoo art. Close to the temple stands an English church. According to Hamilton, Tanjore appears to have been pretty strongly fortified; and the city is more regularly built, and has a larger proportion of solid and ornamental edifices than any other native town S. of the Krishna. In the palace is a group of the late rajah and ornamental edifices than any other netive town S. of the Krishna. In the palace is a group of the late rajah and his tutor, the Danish missionary Schwartz, executed at the desire of the rajah by Flaxman. The British residency is outside the walls to the S. Tanjore was unsuccessfully besieged by the British in 1749, and the French in 1736; but was taken by the former in 1773. (Hamilton ; Bieber, in Mod. Trav., de.)

TAORMINA (an. Taurominium, or Tauromenium), a town of Sicily, prov. Messiua, cap. cant., on a high, ereggy mountain, on the E. coast of the island, about VOL. IJ.

half-way between Messina and Catania, being 30 m. S.W. the former, and 31 m. N.B. the latter. Pop., in 1831, 3,929. Travellers speak in the highest terms of the surrounding scenery. "Were I," says Swinburne, "to name a place that possesses every grand and beauteous qualification for forming a picture—a place on which I should wish to employ the powers of a Salvator or a Poussin, Taormina should be the object of my choice. Every thing belonging to it is in a large, sublime style." It is fortified by an irregular wall and lines, constructed by the Saracens, surmounted by an old Saracenic cartle and more modern works; and above all, on the summit of a tabled cliff, is the inconsiderable town and military post of Mola. Though Taormina has an immoderate proportion of convents and large buildings, it is ill built and dirty, and, nowithstanding its elevated situation, it is said to be but indifferently healthy. (Smyth.) On a fountain, in the main street, part of the statue of a centuar, with the addition of a copper nimbus, is held to represent St. Pancras, a native of the town, and its protector! tector I

ctor!
Taormina has some splendid remains of antiquity. Taormina has some splendid remains of antiquity. Its theatre, which is most probably of Greek origin, is the object of universal admiration. It is of very ample dimensions, being capable of accommodating no fewer than 40,000 spectators (Swysth), and is wonderfully well preserved. It is principally excavated in the slope of the mountain, its seats being hewn out of the rock: the prosecutions and parts connected with the stage are built of brick, and are nearly entire; the space allotted to the orchestra is also preserved, as well as the dressing-rooms of the actors. Its greatest breadth (measured on the plan in Russell's Sicily) is about 360 ft.; its extreme length, 300 ft.; and it is so admirably contrived that, even now, the slightest noise, as the tearing of a piece of paper on the stage, is distinctly heard in the most distant part of the theatre. The seate command the most supaper on the stage, is distinctly heard in the most distant part of the theatre. The seats command the most superb views of Mount Etna, Aci Reale, Catania, and, it is said, of the country even as far as Syracuse. "The spot," says Sir R. C. Hoare, "seems to have been created for a public edifice: behind and before are steep precipices, which leave just room sufficient to place this most noble and magnificent structure. I visited it frequently, and never left it without regret." (ii. 193.) In addition to the theatre, Taornina has an entire side of a naumachia, upwards of 350 ft. in length, with the remains of the aqueduct and the reservoirs that supplied it with water; and in every direction round the town are sepulchres, cenotaphs, tesselated pavements, remains of remarkable edifices, &c., attesting its ancient wealth and magnificence. The churches have little remarkable, though that of St. Pancras appeared to Sir R. C. Hoare to be of cence. The churches have little remarkable, though that of St. Pancras appeared to Sir R. C. Hoare to be of Grecian origin, and probably, he says, the oldest building in the town. The Dominican convent has a large court, surrounded with columns of fine brown and white markle. The inhals, have some trade in wines and marble. The inhabs, have some trade in wines and hemp, the former being, it is said, of superior quality, though very inferior to what they must have been in antiquity, when they occupied a high place at the Roman banquets.

Taurominium is of uncertain origin: it was taken by Dionysius the Elder, in the 9th Olympiad, or about anno 403 s. c. A Roman colony was settled in it by Julius Capar. The ancient city was ruined by the Sara-

Taurominium is of uncertain origin: it was taken by Dionysius the Elder, in the 94th Olympiad, or about anno 403 s. c. A Roman colony was settled in it by Julius Casar. The ancient city was ruined by the Saracens in 968; since which it has never recovered any considerable portion of its ancient importance. (Singth's Sigity, p. 128, 129; Russell, p. 241—248; SirR.C. Hidare, (Class. Tour., p. 194—200.; Swinburne; Brydome.)

TARANTO (an. Torensism), a famous city and seaport of S. Italy, kingd. of Naples, cap, of the prov. Otranto, anciently one of the wealthlest and most celebrated citles of Magna Gracia, near the N. extremity of the Gulph of Taranto, 42 m. W. S. W. Brindisi, and 160 m. E.S.E. Naples. Lat. 40° 28' N.; long. 17° 35' E. Pop. estinated by Burgess and others at 18,000. It stands on what was formerly an isthmus, but is now an island, separating the gulph, or outer sea, from an inner bay, called the Little Sea (Mare Piccolo), 15 or 16 m. in circ. At its N. extremity is the old channel, leading to the Mare Piccolo, crossed by a bridge about 160 yards in length, over which an aqueduct is brought, conveying water to the city from the mountains of Mutina, about 12 m. distant. The channel on the S. side of the town is artificial, having been originally opened by Ferdinand I., and deepened by Philip II.: it also is crossed by a bridge about 50 yards in length. In antiquity the citadel occupied the site of the modern city.

The harbour of Taranto is excellent, and might, with little difficulty, be made all but perfect. In antiquity the Mare Piccolo, or inner bay, was the principal rendezvous of the Tarentine ships, where they lay perfectly secure from hostile stacks, and as safe in other respects as if they had been in dock. The entrance to the inner bay is now, however, so choked up with rubbish, that is accessible only to small boats; but it might be easily cleared out, and the basin rendered as useful as ever. Adjoining the town, the Mare Piccolo has from 4 to 6

fathoms water. The present, or outer harbour, is at once extensive and safe. There are 4 fathoms water close to the town; and the bay, which is capacious, is protected by the islands of St. Peter and St. Paul.

Its situation is striking and singular, and despite the change in its fortunes. Swinburne says its appearance is replete with wonderful beauties. The ancient city extended along the shores both of the gulph and the Mare Piccolo, and the walls which ran from the one to the other formed the base of the triangular space which it covered. Of its magnificent buildings, which included a temple of Neptune, the guardian deity of the city, scarcely any vestiges exist, except the outlines of an amphitheatre, some substructions of apparently a Roman work, and an immense mass composed of fragments of pottery. "The shape of the modern city has been, with some justice, assimilated to a ship, being wide in the centre, and tapering at each end. The principal street runs from one of its extremities to the other in a waving line; and narrow and tortuous communications lead to two other parallel streets; one of which extends along the waters of the outward gulph, but considerably above their level, and is defended from their furly by a parapet wall and projecting battery. Here the best houses are situated. The Marina, on the contrary, which borders the inner bay, or Mare Piccolo, is scarcely raised above its surface; and nothing can present a stronger contrast than the crowded, flithy, but lively appearance of the last, opposed to the quiet, clean, but described above the inner bay, or Mare Piccolo, is scarcely raised above the inner bay, or Mare Piccolo, is scarcely raised above the inner bay, or Mare Piccolo, is scarcely raised above the inner bay, or Mare Piccolo, is scarcely raised above their ferel, and is defended from their furry by a parapet wall and projecting battery. Crosses, Tour, p. 176.) The cathedral, dedicated to San Cataldo, a native of Ireland, is richly adorned within, and has a silver statue of its patr a year. Swinburne speaks of having partaken at a single meal of 15 different sorts of shell-fish. (Trav., i. 237.) The neighbourhood was anciently famous for the marres

The neighbourhood was anciently famous for the **server and **purpurs, but these have been super-seded by muscles, cysters, &c., which are reared in immense numbers in the Mare Piccolo.

Tarentum was either originally founded, or, as is most probable, occupied by a colony from Sparta, about anno 700 s.c. The colonists, influenced, no doubt, by the advantageous situation of their new country for a seat of contractions and the server is the server of the server

probable, eccupied by a colony from sparta, about anno from s.c. The colonists, influenced, no doubt, by the advantageous situation of their new country for a seat of commerce and commercial navigation, became in no very lengthened period distinguished for their proficiency in these departments of industry, and their city is admitted to have been the greatest emporium of S. Italy, or Magna Gracia. Tarenus Lacatemonstorum opus, Calabria quondam, et Apulia, totiusque Lucaniae capsul, cum magnitudine et musis portuque nobilis, tum mirubilis situs: quippe in ipsis Adriatici maris faucibus posita, in omnea tervas, latriam, Hyricum, Epirum, Achajam, Africam, Siciliam veta dimititi. (Florus, Ib.). cap. 18.) Polybius also has ably stated the commercial advantages enjoyed by Tarentum. (Lib. x. Frag. 1.)

The history of this great city is very imperfectly known. Her government, like that of most other Greek states, was different at different periods, being sometimes sedministered by kings or tyrants, and sometimes by the people. She was distinguished not only by her wealth and commerce, but by the spleadour of her public buildings and works of art. She also became a favourite seat of literature and science; and the followers of Pythagoras, though proscribed in other parts of Italy, found here a safe asylum. The famous philosopher Archytas, a disciple of Pythagoras, was repeatedly placed by the suffrages of his fellow-citizens at the head of the government; and shewed, by his judicious conduct in civil affairs, and as leader of the armies of the republic, that was no less eminent as an administrator and a general, than as a moralist, a mechanist, and a geometer. (Bruckert, Hist. Philosoph.; i. 1118.; see, also, Horace's Ode to Archytas, lib. i. ode 28.)

The refinement produced by the accumulation of wealth and the culture of literature and the fine arts, has been supposed by most ancient writers, and by their copylists in modern times, to have had a most injurious.

wealth and the culture of literature and the fine arts, has been supposed by most ancient writers, and by their copyists in modern times, to have had a most injurious inducence over the martial virtues of the Tarentines, and to have occasioned an all but universal degeneracy and corruption of manners. There does not, however, appear to be any real ground for such imputations. When the progress of Rome towards universal dominion brought her armies and fleets into the territories and seas adjoining Tarentum, the latter did not seek to purchase a treacherous truce, by submitting to the dictates of the Roman generals. On the contrary, she made every

effort to maintain her independence; and as she knew that her own forces were inadequate for such a stroggle, she wisely sought assistance from others; and it was at

that her own forces were inadequate for such a stroggie, she wisely sought assistance from others; and it was at her instigation that Pyrrhus invaded Italy. After the departure of Pyrrhus, Tarentum attached herself to the party of Hannibal; and it was not owing to any deficiency of bravery, but to treachery, that Fabius ultimately obtained possession of the city.

The conduct of the Romans on this was consistent with their behaviour on every similar occasion. The city was delivered up to military execution; and such of the inhab,, amounting to about 30,000, as had escaped the massacre, were sold for slaves. (Livius, lib. xxvii. caps. 13—16.; Plattarch's Life of Fabius, \$\frac{1}{2}c.\)

Tarentum never fully recovered from this dreadful low; though, notwithstanding the preference shown by the Romans for Brundusium, she had again become, in Strabo's time, a considerable city. A little to the N.E. of Tarentum, near the Galesus, were situated the fertile valley and ridge of Aulon, the beauties of which have been described in such glowing terms by Horace. (Lib. ii. od. 6.) In addition to the authorities referred to above, see also Ancient Universal History, xii. 146. and 308.800. (d.)

TARARE, a manufacturing town of the S. of France, and the state of the contraction of the same service in a some sellers.

306. 800. id.)

TARARE, a manufacturing town of the S. of France, dep. Rhone, cap. cant., in a narrow valley on the road from Paris to Lyons, 30 m. N. W. the latter. Pop., in 1846, inc. comm., 8.830. It is the centre of a manufacture of plain and figured muslins, which, within a circle of from 10 to 20 leagues of mountainous country, employs wholly or in part at least 50,000 hands, when a superior of the plain and figured muslins, which, within a 18,000 when and children employed subsidiary to these, from 4,000 to 5,000 employed as agents or otherwise by the manufacturers, the rest, chiefly females, being occupied in embroidering or figuring the plain goods. Most of the weavers, &c. work at their own homes, and the manufacturers do not generally carry on business on a large scale, or employ many hands. There is one factory, however, (that of the Mesers. Macculloch from lagues, or 200 hands are employed, and goods are produced which are said to be fully equal to those of Glasgow, though we are not disposed to place implicit confidence in this statement. "A portion of the weavers in the country get from 75 cents. to 1½ fr. a day; those of the town from 2 fr. to 2 fr. 50 c. and sometimes 3 fr., according to their skill. The manufacturer furnishes only the reed and the upper mounting, all the rest being at the expense of the workmen. Those whe are in the town weaver all the year round, whereast hose in the country do not weave for more than seven months a year, the remaining five months being occupied in agricultural employment." (Handloose Weavers' Rep. 1. 124.)

The Tarare weavers are pretty well lodged, fad, and TARARE, a manufacturing town of the S. of France,

agricultural employaments.

1.124.)

The Tarare weavers are pretty well lodged, fed, and clothed; and Villermé relates, Je ne comnais aucume fabrique en France oh les internats m'airar paru avoir des meurs et des habitudes meilleures, aucume ville manufacturière qui m'ait offert moins d'irrognes et moins de libertius que Tarare. (Tableau des Ouvriers, a. i. 182.)

manujacturiere qui m'ait affert moins d'errogues et moins de libertins que Terare. (Tableau des Ouvriers, &c. i. 188.)

TARASCON, a town of France, dep. Bouches-du-Rhone, cap. cant., on the Rhone, opposite Beancaire, with which it communicates by a new suspension-bridge, 13 m. B. by S. Nismes. Pop., in 1846, 9.180, it is surrounded with walls flanked by towers, and is commanded by a castle on a rock overhanging the river, built in the 13th century, and formerly the residence of the Counts of Provence. The streets are wide and regular, and one of the principal is lined with arcades. The par. church, a fine Gothic edifice of the 11th century, has a richly sculptured entrance, and a subterranean chapel, in which is a marble statue of St. Martha. Tarascon has a public library, a theatre, town-ball, court of justice, two hospitals, barracks, &c.; and in the neighbourhood is a very extensive nursery called the Pepnisire de Tosselle. It has, also, manufactures of silk and woolies stuffs, some trade in bost-building, and in wine, brandy, and oil. (Hugo, art. Bouches-du-Rhone; Gesie de Voggeur &c.)

and oil. (Hugo, art. BORGRE-GE-LEUNE; UNION POPULATE, AC.)
TARBES (an. Bigorra, post Tarwie), a town of Franca, dep. Hautes Pyrenees, of which it is the cap, in a fine piain, on the Adour, here crossed by a stone bridge of 6 arches, 24 m. E. by S. Pau. Pop., is 1866. 11,938. It is one of the best built and cleanest towns in the S. of France. Its houses, constructed chiefly of marble, stone, or brick, and roofed with slate, have usually gardens attached, of considerable size. A wide main streat containing numerous inns and caffe, russ usually gardens attached, of considerable size. A wise main street, containing numerous inns and caffe, runs through the centre of the town, which is also divided into three nearly equal portions, by two large open spaces; one, the *Place de Maubowrquei*, being planted with trees, and forming a favourite promenade. The streets crossing the main thoroughfare are almost equally wide and regular, and nearly all lead into suburbs, of which there are 5, surrounding the town on every side. Every quarter of Tarbes is well supplied with water from

the river. There are few public edifices worth notice. The most so is the prefecture, formerly the bishop's palace, a building of different dates, but with an imposing general effect. The cathedral is on the site, and, it is said, consists of a portion of the ancient fortress of Bisoror; it is internally adorned with some columns of Italian breccia. The old castle of the counts of Tarbes now serves for the prison. The college and theatre are handsome. Tarbes is a bishop's see, the seat of tribunals of primary jurisdiction and commerce, a forest board, &c., and has schools of design and architecture, a royal depôt d'étaloss, and some manufactures, principally of copper, iron, and other metals. It is the great commercial custrepôt for the country immediately N. of the Pyrenees, and has a large market, once a fortnight, frequented by individuals from a distance of even 20 leagues round. "Here," says Inglis, "for the first time, one perceives a slight approximation to the usages of the country that lies beyond the majestic barrier of the Pyrenees. This is visible in the dress of the women, who no longer cover their heads with bounets, hats, caps, or handkerchiefs, but with scarlet squares of woollen stuff, trimmed with black, which they throw over the head and shoulders, something in the form of the Spanish mantilla, &c." (Inglie's Pyrenees, &c., 228.) Tarbes is on the direct road to Bagneres de Bigorre (which see), and to Bareges, distant only about 22 m. S. (Hugo, art. Husstes Pyrenees; j Diet. Geg., &c.)

TARN, a dep. of France, reg. S., formerly inc. in Languedoc; principally between lat. 430 20' and 440 10 and long, 10 30' and 30 E., having, N. and N.E., Aveyron; S.E. and S., Herault and Aude; S.W., Haute Garonne; and N.W., Tara-st-Garoune. Area, 573,77 bectares. Pop., in 1846, 360,679. This dep. is enclosed by mountain-ranges on the N.E. and S.; it is lopes to the W., in which direction its rivers, the chief of which are the Tara, Agout, and Viour, have their courses. The Tara rises in Mount Lozere, and Bows the river. There are few public edifices worth notice.

ultimately falls into the Garonne, 22 m. above Agen. Its principal affiuents are the Aveyron, on the right or N. side, and the Agout on the left. Florae, Milhau, Alby, Montauban, and Moissac are on its banks. It is navigable for about 90 m. from its embouchure. In 1824, the arable lands in this dep. were estimated to comprise 282,410 hectares; meadows 41,484 do.; vincyards, 31,242 do.; woods, 80,291 do.; and heaths and wastes, 61,439 do. (Offic. Tehler.) With the exception of the mountain tracts, the soil, speaking generally, is extremely good; and the valleys are not inferior in fertility to any in France. Agriculture, however, is in a very backward state; and the rotation of crops can hardly be said to be introduced. But the supply of corn, notwithstanding, exceeds what is required for home consumption. It produces from 400,000 to 450,000 hectolitres of wine, of which that of Gaillac, partly red and partly white, is the best. The former has use coulers free fonce'c, beaucoup de corps, dis spiritiseus, et use how your found. (Jullien.) It is which that of Gaillac, partly red and partly white, is the best. The former has sea conjears tree foracte, between the decorps, dis spiritueus, et um bon gout. (Jullien.) It is improved by a sea voyage: the white wines have similar qualities. Before the introduction of Indigo into commerce, a good deal of woad was raised in the dep., and it is still cultivated round Alby. Cattle, of a good breed, are rather numerous; and the produce of wool is estimated at 150,000 kilogr. a year. In 1835. of 94,479 properties subject to the contrib. foncibre, 42,613 were assessed at less than 5 fr., and only 107 at from 1,000 fr. upwards. There are mines of iron, copper, coal, and marble. Near Alby is a very extensive work for the conversion of iron into steel. The manufacture of cotton and woollen fabrics and yarn, of which Castres is the centre, employs about 15,000 hands. Slik furniture stuffs are made at Lavaur. Morocco leather, paper, cords, glass, copper wares, files, &c. in various parts. Taris divided into 4 arronds.; chief towns, Alby, the cap., Gaillac, Castres, and Levaur. It sends 5 mems. to the Ch. of Dep. Registered electors, in 1838-9, 2,461. Public revenue, in 1831, 6,433,455; public expenditure, in do., 4,512,061. The land-tax, or contribution foncière, is said to be very oppressive in this dep. This dep. is one of the chief seats of Protestantism in France, and was a principal scene of the crusades against the the Albigenses. (Hugo, art. Tarn) Diet. Geog., Prench Official Tables.)

TARN-ET-GARONNE, a dep. of France, reg. S., in genses. Tables.

Tables.)

TARN-ET-GARONNE, a dep. of France, reg. S., in about lat. 44° and principally between the lat and 2d degrees of E. long.; having N. the dep. of Lot, E. Aveyron, S.E. and S. Tarn and Haute Garonne, and W. Gers and Lot-et-Garonne. Area, 366,976 hectares. Pop., in 1846, 342,498. Surface generally undulating; in the S. and E. there are, however, some hill ranges of considerable height, the sources of a number of small streams. Principal rivers, Garonne, Tarn, and Aveyron, all flowing through the S. half of the dep. In 1834 arable lands were estimated to comprise 229,234 hetares, the meadows 17,346 do., vineyards 36,703 do. and woods 45,337 do. A greater proportion of wheat is

TARRAGONA.

| raised in this than in any other of the S. deps. of France; the estimated produce in 1835 having been 1,190,000 hectol. Rye, maire, and cats are also grown; and the total produce of grain considerably exceeds the home demand. The produce of wine amouats to about 450 hectol. a year, of which about 280,000 are exported, and converted into east de vie. The finest are the red wines of the arrond. of Castel Sarrasin, the best of which have a fine colour, das spriticeus, of was bogost, (Julices, 244.) but the greater portion are inferior. Pruses, fax, hemp, and oil-seeds are among the other principal articles of culture. Irrigation is not well understood; and the produce of hay is small. Live stock are, in consequence, less numerous than in the adjacent deps.; the quality of the wool is inferior. Hogs and poultry are extensively fattened; the former for export to Spain. In 1835, of 83,711 properties subject to the contrib. fosciere 32,712 were assessed at less than 5 fr., and only 96 at 1,000 fr. or upwards. The want of capital is a formidable obstacle to the progress of manufacturing industry. Some coarse woollen stuffs, with stockings and other fabrics of silk are made at Montauban; serges, linen cloths, and woollen yarn in the arrond. of Castel-Sarrasin; and there are some considerable tanneries, paper and flour mills, &c. Tarn-et-Garonne was made a dep. by Napoleon, on account of the importance of its capital, Montauban. It is divided into 3 arronds., and sends 4 mems. to the Ch. of Dep. Registered electors, in 1838-9, 2,125. Total public revenue, in 1831, 6,108,516 fr. (Huge, art. Tarn-et-Garonne; (Michail Tables, &c.)

TARRAGONA (an. Terraco), a city and see-port of Spain, in Catalonia, cap. prov. of its own name, at the mouth of the Francoli, in the Mediterranean, 45 m. W.S.W. Barcelona. Pop., according to Mifano, 11,000. This once famous city is now contracted to a space which covers only a small portion of its ancient limits, and is lill built and dirty. A large and broad street, with some hand

battle with the Carthagenians, are said, though on ne good authority, to have been buried. It is about 19 ft. sq. and 28 ft. in height, resembling the tomb of Theron at Girgenti. In the front, facing the sea, are statues of two warriors in a mourning posture, roughly cut out of the stones of the sepulchre, and much worn by the sea air. The inscription is so much defaced that it can hardly be deciphered. The cathedral of Tarragona is worth a visit, particularly the court and cloisters, which are surrounded with numerous pillars.

The archishoppric is one of the most ancient in Spain, having existed in the 7th century. It has several convents, an hospital, a seminary, academies of design and naval architecture, other superior schools, a theatre, &c. "Tarragona is the chief exporting port of Catalonia. Its exports consist of nuts, almonds, wines, and brandy. The nuts sent to the English market are known by the name of Barcelona nuts; but they are neither grown near, nor exported from Barcelona. They are grown more in the Interior of the prov., and are all exported from Tarragona. The average export of nuts to England is from 25,000 to 20,000 bags (4 to a ton) a year. The export of almonds is about 12,000 bags. From 5,000 to 25,000 bags (4 to a ton) a year. The sport of almonds is about 12,000 bags. From 5,000 to 25,000 bags of brandy are exported their for Catte and Cadiz, from which places it finds its way into the wine hutts of Bordeaux and Nores. Cork. wood and cork. bark are also exported from Tarragona. "Ingit's Spain in 1830 it. 277. Piliny says that Tarraco was founded by the Sciplos, who planted a colony in it (11b. Ill. cap. 2.); but most prohabily it had been founded previously, and was only increased by the Sciplos. It was the seat of a principar tribunal, and was, in fact, not merely the capital of Hispania Citerior, or Tarragona. On the state of Catalonia. In 1705 it was captured from meeting of the States of Catalonia. In 1705 it was come of Aragon in 1220 it was taken by the Goths in 467, and by the

wards abandoned it for Gibraltar. In 1811 it was taken and sacked by the French under Suchet. Orosius the historian is said to have been a native of Tarraco, though the fact has been disputed. (Milano; Townsend; Ingilis; Mod. Trav., &c.; Cellaris Goog. Antiquas, 1.140.)

TARSUS, a celebrated city of antiquity, and still a town of some importance, in Asla Minor, pachalic of Itchil, cap. sanjak, on the Cydnus, about 12 m. from the Mediterraneau, and 82 m. W.N.W. Scanderoon. Lat. 350 467 30" N.; long. 340 467 45" E. Its permanent pop. is estimated at about 7.000. (Bowring's Rep.); but during winter a great many Turkish, Greek, and Armenian families flock into the town. The modern town does not cover one fourth part of the area occupied by the city under the Romans, and few vestiges remain of its former magnificence. The remains of a theatre, and of a spacious circular building, an ancient gateway, and beyond the walls a singular and solid structure, 120 paces in length, by about 60 in breadth, are among the principal. Some traces are perceptible of the more ancient walls, but those now inclosing the town are not supposed by Kinneir to be of an earlier date than the time of Haroum Al Raschid, in the 8th or 9th century; and the castle is said to have been built by Bajazet. The houses seldom exceed one story in height; they are terrace-roofed, and the greater part are constructed with hewn stone, furnished by the more ancient edifices. There are two public baths, a number of mosques, several caravansersis, a small church, &c. The plain around Taravas is very fernisined by the more ancient edinocs. Inere are two public baths, a number of mosques, several caravanserais, a small church, &c. The plain around Tarsus is very fertile, and cultivated by Greeks, chiefly for corn and cotton, which last is a principal article of export, the others being wool, bees wax, gall-nuts, copper, goats hair and

small church. Acc. In the plant around a farsus is very teritie, and cultivated by Greeks, chiefly for corn and cotton, which last is a principal article of export, the others being wool, bees' wax, gail-nuts, copper, goats' hair and skins, ox and buffalo hides, and hair sacks. The river Cydnus is now navigable only by very small boats, and the greatest part of the produce exported is shipped at Mersia, a port or roadstead about four hours' journey W., at which there is said to be good anchorage all the year round. The value of the imports and exports may amount to about 100,000%. a year each. (Bourring, Rep. on Syria; Geog. Journ. x. 508. &c.; Kinserir, &c.)

Nothing is known of the origin of Tarsus; but it is abundantly certain that it was very ancient, and that it had either been originally founded by Greeks, or had subsequently received a Greetian colony. It was the metropolic of Cilicia, and was captured by both Cyrus and Alexander. It continued to flourish under the successors of the latter, and under the Romans. Strabo says it was very populous and powerful; and he farther adds, that its schools of philosophy, literature, and sclence were superior aven to those of Athens and Alexandria (lib. xiv.); and though this be obviously an extravagant eulogy, there can be no question that it was a most distinguished eact of learning. St. Paui, the apostle of the Gentiles, was a native of Tarsus, where he was born in the second year of the Christian æra, and where he acquired a competent knowledge of Greek literature before he went to study the law of Moses at Jerusalem. To ingratiate themselves with Julius Cesar, the Inhabs. changed the name of the city to Juliopolis; and it is plain, from the statement of St. Paui (Acts, xxiii. 28.), that some of them, if not all, ranked as Roman citizens. Tarsus produced several other distinguished individuals; among the statement of St. Paul (Acts, xXIII. 28.), that some of them, if not all, ranked as Roman citizens. Tarsus produced several other distinguished individuals; among whom may be specified Antipater, the stoic; Athenodorus, the philosopher, and friend of Augustus, &c. (Ccliarii Geographia Antiqua, il. 251.; Ancient Universal History, vi. 131. 8vo. ed. &c.)
TARTARY, TAHTARY, or TURKESTAN, a very extensive region of Central Asia, partly comprised in the Chinese empire, and partly distributed among states of BOKHARA, BIDUKSHAN, KHIVA, KOKAN, the KIRGHIS

the Chinese empire, and partly distributed among states of Bokhara, Biddershan, Khina, Kenan, the Kerchis Strepps, which see.

TATTA, a town of N.W. Hindostan, and one of the principal in Sinde, near the Indus, about 130 m. above its mouth, and 55 m. S.W. Hyderabad. Lat. 24° 44′ N., 10g., 68° 17′ E. Pop. estimated at less than 15.000, by Burnes, who describes it as "an open town, built on rising ground in a low valley. The houses are formed of wood and wickerwork, plastered over with earth; they are lofty, with flat roofs, but very confined, and resemble square towers. Some of the better sort have a base of brickwork, but stone has been used only in the foundations of one or two mosques. A spacious brick mosque, built by Shah Jehan, still remains, but it is crumbling to decay; and there is little else in modern Tatta to remind one of its former greatness. Its commercial prosperity passed away with the empire of Delhi. Of the weavers of longees (silk and cotton fabrics), for which it was once so famous, 125 families only remain; and there are not 40 merchants in the city. Such has been the decay of Tatta, so populous in the days of Nadir Shah. The country in its vicinity lies neglected, and but a small portion of it is brought under tillage." (Bokkara, §c., i. 37.) Tatta has been supposed to represent the Patiala of the ancients, and with some reason, since at this point the Indus, as stated by Arrian (Ilb. vi.), divides itself into 2 branches; but no conclusive evidence has been elicited on this point.

TAUNTON.

TAVISTOCK, a part. bor., market-town, and part. of England, co. Devon, hund. Tavistock. on the Tavy, 13 n. N. Plymouth. Area of par., which is identical with the part. bor., 11,660 acres. Pop., in 1841, 6,075. The town is on the N.W. bank of the river, here crossed by three bridges, and from which the ground rises, by a steep acclivity on both sides, to the height of several nundred feet. A very contracted valley from the N. is also occupied by houses closely packed together. The parts of the town built on higher ground to the N., are of more modern date. The streets, in many parts, are irragular and indifferently paved; but the houses are good, and the town generally is pleasant. Tavistock appears to have owed its origin to an abbey of black frizra, founded here by an earl of Devon, in 961. At the disselution of the monasteries, this abbey, along with the lordship of the town, was given by the king to John Lord Russell, the ameristr of the present Duke of Bedford. Some remains of the monastic edifice still exist: the former refectory is now used as an assembly-roosm, and near one of the bridges is a large handsoone arched and pinnacled gateway, apparently of the time of Henry VI. The principal remains of Tavistock abbey are in the perpendicular style. The part. church has 4 aisles, a chaucel, a tower at the W. end, and in its interior are several good monuments. The living, a vicarage, worth 2893, a year, is in the glift of the Duke of Bedford. There are meeting houses for Wesleyans, Independents, Unitarians, Friends, &c., a large and convenient workhouse, a national school, chiefly supported by the Duke of Bedford. Some small educational enlowments, almabouses, and other public charities. Tavistock was one of the four stannary towns in the co., and is governed by a port-reeve, chosen yearly at the lord's court, who is also the returning officer of the borough. It has sent 2 meets to the H. of C. since the 23d of Edward I.; the right of voting, down to the Reform Act, having been in free-holders of i bor. Reg. electors, in 1849-30, 336. The pop. is chiefly agricultural, though some serges and coarse linens are made, and mining and the working of iron occupy a few hands. Markets on Fridays. Fairs, Jen. 17., May 6., Sept. 9., Oct. 10., and Dec. 11., for cattle. Sir Francis Drake, the famous navigator and naval commander, belonged to the immediate vicinity of Tavistock, where he was born in or near 1845. (Boundary Report,

fec.) AUNTON, a parl. bor. and market-town of England, co. Somerset, W. division, hund. Taunton Dean; on the Tone, here crossed by a stone bridge of twe arches, 37 m. S. W. Bristol. Area of parl. bur., about 1.450 acres. Pop., in 1841, 12,306. Taunton is one of the principal towns in the co.; the main streets are spacious, well paved, and lighted with gas. They rus mostly from E. to W. and from N. to S., the town being about 1 m. in length, and neariy as much in width. The houses are generally good, and have frequently extensive outlets and gardens; the appearance of the town indicates a prosperous, respectable community. There are, however, several lanes and courts (popularly called colleges) branching from the main street, which were formerly filled with inhabs, but little above the condition of pappers, who had been drawn into these close and are, nowever, several lanes and courts (popularly calles colleges) branching from the main street, which were formerly filled with inhabs, but little above the condition of pappers, who had been drawn into these close and unwholesome recesses to be within the limits of the bor, and to exercise the franchise extended to every inhabitant housekeeper. (Bosend. Report.) The most striking public editice is St. Mary Magdalen's church, in an open space in the heart of the town. It is 98 ft. in length by 96 ft. in greatest breadth. Its nave is divided into 5 aisles by 4 rows of clustered columns, supporting bluntly-pointed arches; and at its W. extremity is an elegant quadrilaterial tower, with a pinnacle at either corner, their entire height being 150 ft. This church is richly decorated both without and within, and has numerous monuments, a fine organ, &c. Much of its decoration is said to be due to Henry VII., in return for the strenuous support of the Lancastrian cause by Taunton; but the tower and other parts of the edifice seem to have been exceed somewhere about the end of the 14th century. Rickman other parts of the edifice, are more than the conventual church of Taunton priory, is a plais but strong and well-furnished building. The living, a perpetual curacy, worth 234. a year, is in the gift of Sir C. Lethoridge. There are chapels for independents, Wesleyans, Baptists, Unitarians, Friends, Rom. Cathelics, &c.; the last-named is a handsome building of the lonic order. There is also a Franciscan convent, occapying what was originally intended for a general hospital. At the W. end of the town is the castle, built in the time of Henry I. on the site of another fortrees, built about 700 by Ina, king of the West Saxons. This edifice comprises the hall, in which assizes for the co. are held in Lent, general quarter sessions at Michaelmas, and a court of requests weekly. The market-bouse is a large brick edifice, comprising the corn-market, town hall, as-

boys and 50 girls, supported by voluntary contribution; several almshouses; the Taunton and Somerset Hospital, with accommodation for 26 patients; an eye infirmary, a lying-in charity, &c. The town has a weekly newspaper.

Taunton was one of the first towns in England in which the woollen manufacture was established; but the woollen trade of the town has greatly declined, and the industry of the inhabs. is now chiefly exercised in manufactures of silk stuffs, as crapes, sarsenets, &c., and of lace. The town derived considerable advantage from the construction of the Taunton and Bridgewater canal, by which a good deal of Welch coal is now brought to it in return for the agricultural produce of the vicinity. The trade of Taunton has also experienced renewed activity since the opening of the Great Western railway, as far as Bridgewater. Taunton was formerly a municipal borough, but in consequence of neglect in filling up the vacancles in the corp., it lost its charter in 1792. It is a parl. bor. by prescription, and appears to have sent a Previously to the Reform Act, which confirmed its privilege of sending 2 mems., the right of voting was in potyallopers not receiving aims. Reg. electors, 1849-50, 820, The returning officers are the bailiffs, chosen at annual court leet. Taunton, though not alluded to in the "litinerary of Antoninus," was, in all probability, known to the Romans, as a great number of imperial coins have been found in and near it. In the time of the Heptarchy it was a place of considerable note. In the civil war, it sided with the Parliament, and in 1646 castle austained, with success, a long slegge against the royal forces under Lord Goring. Markets, Wed. and Sat. Fairs, June 17, and July 7 to 10, chiefly for attle and horses. (Parl. Reps.; Priv. 184).

TAURIDA, a government in the S. of Buropean Russia, consisting partly of the peninsula of the Crimea, and partly of a tract on the mainland, lying between the Dnilepr, the Black Sea, the Sea of Asoff, and the Berda. Area, 24,722 sq. m. Pop., in 1

between Tentsmoor Point and Buttonness. From Rhind Point to Dundee the clannel of the river expands into an astuary called the Frith of Tay. From its source to Dunkeld the Tay flows with a rapid current; parily through a very wild, and partly through a highly picturesque, romantic country. Its subsequent course as far as Perth is through a comparatively fruitful country; and from the latter to the sea, it flows through the richest and finest valley in Scotland.

From Buttonness to Dundee the river is navigable for ships of 500 tons' burden; and at high water, vessels of above 100 tons' burden reach Perth, 20 m. above Dundee. Two lighthouses have been erected on Buttonness, to mark the entrance to the river. The bar at its mouth

dee. Two lighthouses have been erected on Buttonness, to mark the entrance to the river. The bar at its mouth has 2½ fathoms water over it. Dundee, the port of the Tay, has wet docks and a pier harbour: the latter dries at low ebb; but at high water springs it has a depth of 14 or 15 ft., and at neaps of 9 or 10 ft. Large ships anchor in the channel of the river. The mouth and channel of the Tay are a good deal encumbered with sand-banks; and its navigation is rather difficult, partly on that account, and partly from the strength of the tides. Among the more remarkable of the tributaries of the Tay, may be mentioned the Lyon, which joins it near

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causity-rooms, &c.; and beside it is a handsome building in the lonic order, the lower part of which is a fish and pount y market, and the upper a library and reading-room, museum, &c. The Tunnon and Somerset Institution, established in 1823, has a spacious reading and news-room, and a valuable, though not extensive, library. There is a neat theatre in the town. The numerous charities of Taunton include the grammar-school, founded in 1822, and having a small endowment; a school for 80 boys and 50 girls, supported by voluntary contribution; several almshouses; the Taunton and Somerset Hose boys and 50 girls, supported by voluntary contribution; several almshouses; the Taunton and Somerset Hose boys and 50 girls, supported by voluntary contribution; and first several almshouses; the Taunton and Somerset Hose boys and 50 girls, supported by voluntary contribution; and first several almshouses; the Taunton and Somerset Hose boys and 50 girls, supported by voluntary contribution; and first several substitution of 1822. The town has a weekly new paper.

source to Buttonness is estimated at about 110 m. It is the finest salmon river in Great Britain; its fisheries let for a large sum; the fish being mostly conveyed, packed in ice, to London. TCHERNIGOFF, a government of European Russia, to the E. of the Dnieper, and between the government of Smolensk on the N. and that of Poltava on the S. The to the E. of the Dnieper, and between the government of somensk on the N. and that of Politava on the S. The estimates of the area differ very widely; perhaps it may be taken at about 19:000 ag. m. Pop., in 1846, 1850,000. Surface flat; soil fertile; climate dry, healthy, and mild. Principal river Dniestr, which bounds it on the W., and Desna, by which it is intersected. All sorts of corn are raised, but principally rye, barley, and oats. Produce of the harvest estimated at about 4,000,000 chetwerts. Flax and hemp, tobacco, hops, &c. are also cultivated. Oxen, of a very fine breed, are raised and fattened to a great size. Horses small, hardy, and active. There are some pretty extensive forests. Free cultivators are common in this and the other governments of Little Russia. Manufacturing industry, though still very backward, has made much progress during the present century. Spirits largely consumed, and there are numerous distilleries. Commerce considerable: the exports consist principally of cattle, tallow, hides, &c., spirits, honey and wax, potash, hempseed, &c. (Schwitzler, La Russie, &c., p. 459.)

TEFILIS, or TIFLIS, a city of W. Asia, the cap. of Georgia, and of all the Caucasian and Trans-Caucasian provs. of Russia; on the Kur (an. Cyrus), 280 m. E. by N. Trebixond. Lat. 419 207 30" N., long, 450 recupies the right bank of the Kur, in a contracted valley formed by irregular mountains, parallel with the stream on the side of the city, and hills coming down in a point quite to the water's edge on the other. A circular fort covers this point, and together with a small suburb is united to the city by a bridge of a single wooden arch, thrown over the river; while the ruined walls of an old citadel crown

this point, and together with a small study is united to the city by a bridge of a single wooden arch, thrown over the river; while the ruined walls of an old citadel crown the top, and extend down the side of a part of the opposite mountain. The old and native part of the city is built upon the truly Oriental plan of irregular narrow lanes, and still more irregular and diminutive houses, thrown together in all the endless combinations of accident. Here and there European taste, alled by European togetner in air the enclass combinations of accident. Here and there European taste, aided by Russian power, has worked out a passable road for carriages, or built a decent house, overlooking and putting to shame all its mud-walled and dirty neighbours. A line of baxaars too, extending along the river, and branching out into several streets, together with much bustle and business, display some neathess and taste, and is connected with two or three tolerable caravansarais. Several old and substantial churches, displaying their belfries and cupolas in different

three tolerable caravansarais. Several old and substantial churches, displaying their belifies and cupolas in different parts, complete the prominent features of this part of the city. In the N. or Russian quarter, officers, palaces, government offices, and private houses, lining broadstreets and open squares, have a decidedly Buropean aspect, and exhibit in their pillared fronts something of that taste for showy architecture which the edifices of their capital have taught the Russians to admire. Teflishas the appearance of an excessively busy and populous-place. Its streets present not only a crowded, but, unlike many Oriental cities, a lively scene. Every person seems hurried by business. Nor is the variety of costumes, representing different nations and tongues, the least noticeable feature of the scene." (Smith and Dusighi's Missionery Researches, 131—124.)

The Armenian cathedral is a large and somewhat striking ediffec; there are two mosques, and among the other places of worship is a German Protestant chapel, it has also a French and a German hotel; but they are represented as being, in most respects, the reverse of what they should be. House-rent is very high; but otherwise living is not expensive. Teflis has many remarkable sulphureous hot springs, their temp. varying from 100° to 112° Fah.; and to these, it is supposed by some, the city owes its name. Over some of these the Russian government has erected the crown-baths, a plain edifice, but which, by being kept in good order, differs widely from all the other bath establishments in the city, and realises a handsome revenue. Teflis is very favourshy situated for trade, and its commerce is pretty extensive, having greatly increared during the period of Russian occupation. Almost all the trade is, however, in the hands of Armenians: in 1830, scarcely half a dosen mercantile houses existed belonging to

any other foreigners, and only one European consult (a Frenchman) resided here. In 1830, the Russians founded a school in Teffis, which has since been erected finto a gymnasium; and there are some other schools. Georgia in general, and its capital in particular, has been long celebrated for the beauty of its women; and, according to the missionaries referred to above, "this

according to the missionaries referred to above, "this has not been over-rated, for we have never seen a city so large a proportion of whose females were beautiful in form, features, or complexion, as Tellis."
Tellis does not boast a very high antiquity. It is said to have been built in 469, by Vachtang, the founder of a dynasty which ruled from the Euxine to the Caspian. It was taken by Jenghis Khan; by the Turks in 1976; sacked by Aga Mehemet Khan in 1796; and fell to the Russians in 1801. It suffered greatly from the ravages of of the cholera in 1830. (Smith and Dwight's Miss. Researches; Lyall's Trav. in Russia; Mod. Trav., xvii.; Dict. Grog., &c.)

of the cholera in 1820. (Smith and Deright's Miss. Researches; Lyall's True. in Russia; Mod. True., xvil.; Dict. Geog., &c.)

TEHERAN, or TEHRAUN, the modern cap. of Persia, prov. Irak-Alemi, near the foot of Mount Elborz, which divides that prov. from Mazanderan, 211 m. N. Ispahan; lat. 389 40 N., long. 510 22 50" E. Pop., during the residence of the court, estimated at from 60,000 to 70,000, or upwards. It is about 5 m. in circuit, and is enclosed by a strong earthen wall flanked with numerous towers, surrounded by a glacis, outside which is a large dry ditch. The appearance of the city from a distance is picturesque; but it has few public edifices worth notice; and not withstanding it has many good shops and bazaars, it is said by Morier to have a "mud-file" look within, its houses, like those of other Persian towns, being constructed of sun-dried bricks, while many of its streets are wretchedly pawed. The Ark, or citadel, comprises, besides the royal residence and harem, quarters for the guards, the record chamber, treasury, hall for receiving ambassadors, and other public offices, 10 baths, two or three gardens, reservoirs, &c. The grand ashoon in the palace is said to be very magnificent: the throne is a platform of pure white marble, raised a few steps from the ground, and carpeted with shawis and cloth of gold; and the whole interior of the apartment is profusely decorated with carving, gliding, arabesque painting, and looking-glass, the last material being interwoven with all the other ornaments, from the vanited roof to the floor. The mosques, colleges, and carvanserias, though not very numerous, are in good repair. Much less than a century ago, the present metropolis of Persia would hardly have been considered of sufficient importance for the cap, of a prov. It first became the metropolis towards the end of the last century, under Aga Mahomed Khan, have been considered of sufficient importance for the cap. of a prov. It first became the metropolis towards the end of the last century, under Aga Mahomed Khan, who seems to have selected it for that dightly partly on account of its good position in a military point of view, and partly from its vicinity to the hereditary possessions of his family. Its greatest drawback is its unhealthness from damp, which, with the excessive heats in summer, oblige the sovereign and his court to remove at that season, and encame in paylions and tests on the summer, oblige the sovereign and his court to remove at that season, and encamp in pavilions and tents on the plains of Sultanea, or Oujan; at which period the resident pop. of Teheran is reduced to perhaps 10,000. The environs of Teheran are not unpleasant, the plain both to the E. and W. being covered with villages, and abounding in grain. To the N. of the town is a handsome palace, which its situation and the fine gardens that surround it

ing in grain. To the N. of the town is a handsome palace, which its situation and the fine gardens that surround it make a delightful residence.

A short distance S. from Teheran are the ruins of the city of Rh6, generally supposed to be indentical with the ancient Rhages, the capital of the Parthian kings, where Alexander halted for five days in his pursuit of Darius. The ruins cover a great extent of ground, having in their centre a modern village, with a noble mosque and mausoleum—an oasis in the midst of the surrounding desert. (Kinsetr's Persia, 118.; Fraser's Persia, 61.; Morier, &c. in Mod. Tren.) It should, however, be mentioned that Major Rawlinson and others contend that the ruins now noticed are not those of Rhages, but of an Arabian city, called Rhei; and that the ruins of Rhages are to be found at Kalah-Erig, 80. m. E. Teheran. (Geog. Josswant, x. 135., &c.)

TEIGN MOUTH, a market-town and sea-port of England, co. Devon, hund. Exminster, at the mouth of the Teign, in the English Channel, 12 m. S. Exeter. It is intersected by the Teign; the communication between tix two divisions, each of which constitutes a parish, being kept up by a long wooden bridge across the river, having a drawbridge at either extremity for the accommodation of vessels. Area of both parishes, 1,280 acres. Fop., in 1841, 4,459. W. Teignmouth is beautifully situated, and having been of late much improved, is now one of the most avourite watering-places in the S.W. part of England. The church of W. Teignmouth is a modern octangular structure; the living being a cursey worth 80. a year, under the vicarage of Bishop's Teignton. In this part of the town there are independent and Calvinist meeting—bounded that the course of Bishop's Teignton. In this part of the town there are independent and Calvinist meeting—bounded that the course of Bishop's Teignton.

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dockyard, in which sloops of war and vessels of 200 turburden have been built. B. Teignmouth church is mostly a modern edifice: the living, a perpetual curay, worth 1271. a year, is in the giff of the vicar of Davish; and here, also, are a Baptist chapel, an endowed schol for 13 poor children, some good inns, a theatre, reading rooms, and other establishments usual in a watering-place. Teignmouth is governed by a portrever, chose annually at the court-leet of the lord of the manc. Many of its inhaba, are employed in the coast faber, and others in the supply of goods to visiters: a good deal of the Haytor granite is also shipped from this portune accessible only to coasting vessels. Teignmouth with the bar at the mouth of the river renders the barbour accessible only to coasting vessels. Teignmouth with the Danes first landed in 787. It gives the title of bars to the Shore family.

the Danes first landed in 787. It gives the title of bare to the Shore family.

TELLICHERRY, a town of British India, preside Madras, and one of the principal sea. ports in the district Madras, and one of the principal sea. ports in the district Madras, and one of the principal sea.

Madras, and one of the principal sea.

Tellician, 42 m. N. N. W. Calleut; lat. 11° 45° N.; long. 75° 23° E. Pop. uncertain. This was the chief trading settlement of the British on the Malabar coast previously to 1800, when the E. I. Company's warehouses were transferred to Mabé, about 6 m. to the S.E. The most wealthy natives, however, atill reside at this town; which a few years since costinued to be the mart for the best sandal wood from abow the Ghauts, and cardamoms from Wynaed. (Hamilton' E. I. Gaz.)

tinued to be the mart for the best sandal wood from above the Ghauts, and cardamoms from Wynaed. (Hassiber) E. I. Ger. WAR, a royal, free, and fortified town of Hungary-beyond-the-Theiss, cap. co. of its own name, is a marshy plain, on the Alt Bega river, 72 m. N.N.E. Belgrade; lat. 459 42 77' N., long. 210 14' 17' E. Popwith its four suburbs, about 18,000, including sumerous Germans, Greeks, Wallachs, and Jews. Mr. Paget seyi, "Temeswar, the capital of the Banat, and the winter residence of the rich Banatians, is one of the pretitest town I know anywhere. It has two handsome squares, and sumber of very fine buildings. The county-hall, the palace of the Bishop of Casnad, the residence of the commander, and the town-house, are all remarkable for their size and appearance." Temeswar was taken from the Turks in 1716 oy Prince Eugene, who laid out and strongly fortified the modern town, which is now one of the principal fortresses of the Austrian monarchy. It has a Rom. Cath. and a Greek cathedral, a synagose, seminary, Plarist gymnasium, arsenal, military school, some barrancks, and various other military establishments and at the seat of the principal civil establishments and authorities of the Banat. Good water is raised by machinery for the supply of the town. It has manufactured silk and woollen stuffs, paper, tobacco, oi, &c.; and an extensive trade in these articles and in the trank of agricultural produce. Its inhabs. are said to be generally opulent. Its commerce has been considerably faciliated by the excavation of the Bega Canal, about 7 im. In length, which, passing by the town, unites it with the navigable portion of the Bega Canal, about 7 im. In length, which, passing by the town, unites it with the helies and the Danube. This canal has also been advantageous from its assisting in drying the sames by which the town is surrounded; though in summer is

the Theiss and the Danube. This canal has also been advantageous from its assisting in drying the maribe by which the town is surrounded; though in summer is still rather unhealthy. Temeswar is supposed by D'Anville to represent the an Thôncus, to which trie was banished. It was taken by the Turks, under Polyman, in 1501, who held it till 1716. (Pager's Hungary i Berphaus ; Austr. Nat. Encyc.)

TEMPE, a famous valley and defile in the N.E. part of Thessay, stretching from near Baba to the guips of Salonica, from 6 to 8 m. in length, between Olympus on the N. and Ossa on the S. It is traversed by the Selvabria (an. Pencus), and is, in parts, so very narrow that there is merely room for a military road along side the river. In some respects the defile bears a striking resemblance to the pass of Killicerankie in Scotland, but the scennery is incomparably more magnificent. semblance to the pass of Killicerankie in Scotland, but the scenery is incomparably more magnificent. The spearance of the chasm, and the traditions current in antiquity, leave little doubt that the rocks had been rest asunder by some tremendous convalion of nature, which opened a passage for the waters that must previously have deluged the greater part of Thessaly. In sense parts it is grand in the extreme. The precipies consist of naked perpendicular rocks, rising to a prodigious height; so that the spectator can scarce behold these from below without gliddiness. Livy's description, these from below without gliddiness. Livy's description, the majesty of truth: Rupes utriagne its abscisses sunt at despice vie sine vertigine quedem sinul oculerum swimique possis: Terret et sontius et attitude per mediam vallem fiscatis Penei omnis. (Lib. xiir. csp. 6.); Clarke, vii. 370.)

Clarke, vii. 370.) LIARR, vii. 770.)

The character of this gorge or dedle is evidently that of wildness and savage grandeur, and does not therefore, harmonise with the descriptions the poest have given of the Zephyris egitate Tempe. (Hor. Od. iii. v. 94.), and the viridentis Tempe. (Catullus, Carm. hill. v. 285.) No doubt, however, their descriptions apply not the pass itself, but to a vale at the mouth of the pass

mext the sea, "which, in situation, extent, and beauty, amply satisfies whatever the poets have said of Tempe." (Cresmer's Ascient Greece, 1.378.)

TEMPLEMORE, an inland town of Ireland, prov. Munster, co. Tipperary, about 14 m. W. from the Suir, and near the E. foot of the Devil's Bit Mountains, 74 m. S. W. Dublin. Pop., in 1831, 2936. This is a neat town, in a comparatively rich and improved part of the country. It has a handsome par. church, a Rom. Cath. chapel, a Methodist meeting-house, a school on the foundation of Rrasmus Smith, a fever hospital and dispensary, a market house, a bridewell, and large infantry barracks. Petty sessions are held on Wednesdays; fairs on Jan. 30., March 20., May 17., June 28., July 30., Sept. 3., Oct. 21., and Dec. 7. It is a constabulary station. Post-office revenue in 1836, 627.1. It is a constabulary station. Post-office revenue in 1836, 627.1. The Sate of
tin is very abundant in the S. prova., but has not bees seen in the N. Like gold, which is also widely diffused, it is obtained chiefly by washings. Trenches are dug, leading into the creeks, down which rapid streams run in the rainy season, and wash down the metallic particles. The workman goes into the water, with a wooden dish in the form of an inverted cone, and having filled it with sand and pebbles, whirls it round on the surface of the water, by which motion the lighter materials fly out, and leave, by which motion the lighter materials fly out, and leave, by which motion the lighter materials fly out, and leave, by which motion the lighter materials fly out, and leave, by which motion the lighter materials fly out, and leave, by which motion the lighter materials fly out, and leave, by which motion the lighter materials fly out, and leave, the heavier down, in the vortex of the inverted cone, consisting of a tea-spoonful, or upwards, of tin and sand. Without further cleaning it goes to the smelter, and produces, I am told, from 80 to 75 per cent. of pure motal. Although all persons, Birmans or Kareans, are at liberty to procure the metal without any interference from government, yet few engage in the work; from which we may fairly infer that the returns are not remarkably profitable. (**Masos.**) Coal has been discovered in Mergui. Sait is made in numerous parts along the coast, and large quantities of salipeter bave been obtained from the bats' dung, collected in immense limestone caves in different parts of the country. The number of elephants inhabiting these provs. is, supposed by Dr. Helfer to be proportionally greater than in any other part of India. The Birmese settlers hunt the elephants, and carve many kinds of articles from their ivory. Rhinocero's homa are an article of trade, but the valuable skin of that animal is not met with in commerce, and indeed, the trade in all kinds of hides, which might be made very profitable, has lither to been wholly neglected. (See Helfer's Rep. 73-83.) Wax, ho

ried on by boats of from 3 to 30 tons burden; and caravans arrive occasionally from the confines of China, bringing lac, drugs, swords, manufactured cottons and silks,
raw silk, candied sugar, earth nuts, blank books, ivory,
and horns; and taking back salt, spices, cotton, quicksilver, assafectida, borax, chintzes, piece goods, broad
cloth, and various European articles. Capt. Low says,
that the average of a late general estimate, from authentic documents, for one year, makes the value of the
imports amount to 650,000 rupees, and that of the exports
to only 175,000 rupees, though we doubt whether any such
discrepancy can, in fact, exist between them. The weights
and mensures, as well as the usages and habits of these
provs., are mostly Birmese; the present inhabs, being of
Birman extraction, though, according to tradition, the
earliest inhabs. of the country were Slamese. Maulmain
is the cap, and residence of the governor and chief British
authorities; subordinate officers are resident in the towns
of Ye, Tavoy, and Mergui. The public revenue, derived
from an assessment on grain of 20 per cent., one of 25 per
cent on other landed produce, taxes on gaming, optums,
arrack, betel, &c.; birds'nests, fines, capitation tax, &c.
has been estimated at 337,000 rupees a year. (Low's
Hist. of Tenasserim ta Asiai. Journal; Helfer's Report,
35.)
Nalcolyn the American missionary has polyted est

TENBY.

sits as magistrate on certain days every week; and before him every clisen, male or female, without the intervention of lawyers, may plead the cause, and have immediate redress. Every mines." Malcolm's S. E. Aisi, 173-4. Indeed to what the control of the present thinness of the population of the parties. Such, in truth, is the destructive influence of the Bitrees government, that, during the time it possessed Tenasserim, it had all but converted it into a desert.

TENBY (Welch, Dyndyck-y-Pyrgod), a parl, and munic, bor, market town and sea-port of Wales, co. Pembroke, hund, Narberth, on the summit of a promontory on the W. side of Carmarthen Bay, 9 m. E. Pembroke. Area of the in-liberty of the par. St. Mary, which is co-extensive with the bor., 329 acres. Pop., in 1831, 1942. The town consists principally of one long and broad street, lined with good houses, and pretty well paved. It is partly surrounded with walls, and is further defended by some batteries on the shore; its castle, supposed to have been built by the Flemings, by whom this part of the country was formerly occupied, is in a state of decay. The church of St. Mary is a spacious structure 146 ft. in length and 83 in breadth, with an elegant spire 152 ft. in height, supposed to be the loftiest in Wales, and painted white to render it a conspicuous mark for seamen. The roof of the nave is supported by arcades, having fluted pillars, and the ceiling is formed of carved wood ornamented with several figures, armorial bearings, &c. In the interior are several monuments. The living, a rectory and vicarage, worth 3171. a year, is in the gift of the crown. (Eccl. Rev. Rep.) "An ancient edifice within a few ft. of the Wentrance is now used as a school. A flight of steps on the outside leads to the apartment near which is a small arch in the style of Henry VII., and two others occur in an old wall opposite. These are supposed to have formed the principal entrances to St. Mary's College, once a convent of Carmelite friars, founded in 1899. The remains

innkeepers: the terms 1s. each time, and 6d. the guide. (Cambr. Guide. p. 604.)
Tenby is governed by a mayor, 3 other aldermen, and 12 counciliors. Its earliest charters appear to have been granted about the time of Edward 111., by the earlie of Pembroke, but the earliest extant is of Richard 111. Previously to the Municipal Reform Act, there were nearly 400 burgesses in the corporation, but their functions were merely nominal: and the whole management of the bor. rested with the common council, which consisted of about 40 members. The town has only a few small endowments for charitable purposes. Courts of petty sessions weekly, a manor court, &c. are held; but the only gaol consists of 2 large cells, formerly the old garrison dungeon. Prisoners are rarely confined here: when

TENERIFÉ.

the term of imprisonment exceeds a month, they are sent to the geal at Haverfordwest. Corporation revenue, in 1840, 1,104. The Reform Act did not altribute the previous limits of the parl, bor., which now seeds i mem. to the H. of C., in conjunction with Pembroke. Wiston, and Militord. It had previously sent one with Pembroke and Weston only, the right of voting laving been in the burgesses, who, acting under the influence of the common council, returned the nominee of the patra of the bor. Registered electors, in the different bors. 1839-40, 1,179. (See Msss. Append., p. 407.) Markets, Wedneedsys and Saturdays; fairs, May 4., Whit Tueris, July 31., Oct. 2., and Dec. 4.

TENEDOS, a small but celebrated island of Turky in Asia, 15 m. S. S.W. from the mouth of the Dardandies (an. Hellespontus), and about 5 m. W. from the shore of the Troad, which it till serves to point out, its highest summit, Mount 8t. Elias, being in lat. 39° 50′ 13° N., long. 30° 3° E. Pop. 7,000.? Though rugged, it is tolevable for the continue of Tenedos, though not mentioned by the ancient, is, perhaps, the best of the Levant. It begins to lose its flavour and strength for a much longer period. The town on the N.E. side of the island, is defended by a small fort. On the N. the port is protected by a pier, and it has pretty good anchorage. In antiquity it was a sort of depth for the produce destined for Constantinopie; and which are still extant, where vessels loaded with conform Alexandria discharged their cargoes when they happened to be prevented, as was frequently the case, by contrary winds, from making a passage through the Hellespont to the capital. Townsfort. 1. 397.)

Tenedos, according to Strabo (lib. xiii.), had a temple dedicated to Apolle; but it is principally known from knawing been mentioned in connection with Troy by Homer—

"Thou source of light! whom Tenede advant."

Homer -

"Thou source of light! whom Tenedos adores;"

Popt's Illad, i. fin. 55-

and by Virgil. According to the latter, it was the place to which the Grecian fleet made their feigned retrest before the sack of Troy:—

"Est in conspects (Troise) Tenedos notimiras fama Insula, dives opum, Priami dum regna manehant." Ænsid. ii. is. 21-

"Est in conspectu (Troise) Tenedos notissima fisms Insula, dives opam, Prismi dum regna manetent."

TENERIFFE, or TEYDE (PEAK OF), a fusuosis conical and volcanic mountain in the centre of the island of Teneriffe, of which its basis occupies the greater portion (Sec Canaray Islands), rising, according to Borda, to the height of 11,424 French, or 12,172 Eng. ft. above the level of the sea. According to Von Bech the Peak consists of an enormous dome of trachyte, covered with layers of basait. The summit of the cone (EP Pilon, the sugar loss), is terminated by a crater, surrounded, as it were, by a circular wall, or parapet. Humbold, who descended to the bottom of the crater, found the heat was perceptible only in a few crevices, which gave went to aqueous vapours, with a peculiar busing noise. (Personal Narrative, 1, 173; Engl. Trans.)

The sacent of the Peak is distinguished by a difference of vegetation somewhat similar to that which is observed on the ascent of Etna (which sec). Above the lower and more fertile tracts near the sea, where date tree, plantains, atgar-canes, indian figs, vines, and olives, flourish in profusion, rises what is called the region of alurels. These are fed by a vast number of springathat rise up amid a turf covered with perpetual verdure. Extensive plantations of chesnuts occur in the lower part, above which rise four species of laurel, and an nax resembling that of Thibet. The underwood in the lower part of ferns. Above this commences a vast forest of fir and pine trees which characterise the colder regions of the earth. Succeeding to this is a vast plain, like a sea of sand, covered with the dust of pumice stone, which continually fills the air. It is embellished with tufts of the beautiful shrub called the returns (Spartisms medigensum, Alton), growing to the height of nine fit, and loaded with odoriferous flower, which are said to communicate a peculiar excellence to the flesh of the goats that feed upon them. At the entrance of this plain the rich verdure of the island terminate

watery and hot vapours. The ascent of the Piton is steep, and rendered difficult by the loose ashes with which it is covered. At the top there is scarcely room to stand, and the crater, as already stated, is enclosed by

a steep wall.

The view from the top of the Peak, though characterised by peculiar beauty. [alls far short of the magnificent prospect from the summit of Etna. The cultivated and wooded parts of the Island are, however, seen in close proximity, and the steep and naked declivities of the upper parts of the mountain strikingly contrast with the smiling aspect of the country beneath. The transthe smiling aspect of the country beneath. The transparent atmosphere enables the spectator to distinguish minute objects, such as houses, sails of vessels, and trunks of trees. Beyond the eye wanders on all sides over the vast expanse of the Atlantic, and commands the whole archipelago of the Canaries. It has been alleged that the tree wextends as far as Cape Bojador, on the coast of Africa.

The summit of the Peak is a solfaters, or extinguished volcano, whence no eruption has taken place since its discovery by Europeans; but some eruptions have taken place from the sides of the mountain during the course of place from the sides of the mountain during the course of last century. In 1704, one occurred in the district of Guimar, which buried several valleys, and approached within a short distance of the port of Orotava. Two years after, in 1706, the lava, issuing forth in a different quarter, buried the town and port of Garachico, then the finest and most frequented in the island. Another eruption happened in June, 1798, not far from the summit of the Peak, but it was not productive of much damage. Notwithstanding its proximity to the equator, and to the coast of Africa, the Piton, or cone, is covered with anow during several months of the winter, and snow is always found in the hollows not exposed to the sun's rays. A powerful heat is always felt on the ground at the sum-

aways tound in the hollows not exposed to the sun's rays. A powerful heat is always felt on the ground at the sunmit of the cone, and Humboldt mentions that his hands and face, and those of his party, were frozen, while their boots were burnt by the heat of the soil on which they walked. (Dictionsnaire if longraphique; Humboldt's Personal Norrative, i. 147—194. Eng. Trans.; Lycil's Geology if 132)

sonal Narrative, i. 147—134. E.B., Lyones, grandfoology, ii. 138.)
TENNESSER, one of the U. States of N. America, in the basin of the Mississippi, between 1st. 350 and 360 40° N., and lon. 89° and 90° W., having N. Kentucky and Virginia, E. N. Carolina, S. Georgia, Alabama, and Mississippi, and W. the river Mississippi, which divides it from Arkansas and Missouri. Area, 43,000 ag. m. Pop. in 1830, 681,900; in 1830, 100,900; in 1830, 681,900; in 1830, 681,900; in 1830, 681,900; in 1830, 1 slaves. The E. part of this state is intersected by the Alleghany chain, which here sometimes rises to the height of 2,000 ft.; the middle part is hilly, while the W. portion is an extensive undulating plain. Frincipal rivers, after the Mississippi, the Tennessee and Cumberland, both tributaries of the Ohio. The Tennessee rises near Franklin in N. Carolina, and runs at first N. W. to about 35 m. W. S. W. Knoxville; it then turns to the S. W., and continues in that direction to near Decatur in Alabama. After a bend to the W. N. W., it again enters the state of Tennessee about Ion. 85° W., and its course thenceforwards is generally northward to its mouth in the Ohio, about 20 m. S. W. Salem. At its outlet it is about 600 yards in width. It is navigable for steam vessels of large size for 250 m., and as much further for boats of 40 or 50 tons. It has several tributaries, some of which are navisize for 200 m., and as much turtner for boats of 40 or 50 tons. It has several tributaries, some of which are navigable to a considerable distance; at present no towns of consequence are situated on its banks. Tennessee is generally well watered, and, except in the mountainous parts, comprises a good deal of excellent land. Agriculture is the chief occupation of the inhabs.

The products are pretty much the same as those of Kenucky, with the addition of cotton. Indian corp, wheat, and oats are the principal corn crops: the produce of the first, in 1844, amounted, according to the official returns, to 75,000,000 bushels; being a much larger quantity than was raised in any other state. The produce of wheat during the same year isstated to have been 9,000,000 bushels. Cotton is great and the task and the task and the same year isstated to have been 9,000,000 bushels. Cotton is great and the task and the same year isstated to have been 9,000,000 bushels. Cotton is great and the task and the same year is the same year is stated to have been 9,000,000 bushels. Cotton is great and the same year is stated to have been 9,000,000 bushels. bushels. Cotton is grown in most parts of the state, and its culture is rapidly increasing: the crop of 1848 was estimated at 36,000,000 lbs. Tobacco is also cultivated to a considerable extent, its produce being estimated at about 36,500,000 lbs. In the E. grazing is a good deal attended to; and considerable numbers of cattle and sheep are reared for the markets of the eastern states. Coal, n, salt, marble, and nitre are found; and some of these, with cotton, Indian corn, wheat, flour, tobacco, fruit, tar-turpentine, rosin, whiskey, live stock, salted meats, lard, se linen goods, and gunpowder, constitute the prir cipal exports, being mostly sent down the Mississippi to New Orleans. Several canals and railways have been pro-

jected, though, hitherto, but few have been completed.

The egislature consists of a senate of 25 mems., and a house of representatives of 75 mems., who, with the governor, are elected for two years. The judges of the sa-preme court are elected by a joint vote of both houses for twelve years, and those of the inferior courts in the same manner for twelve years. In the election for representa-

tives, every free white male citizen has the right to vote in the co. of which he has been an inhabitant for six months previously. The pay of senstors and representatives is four dollars a day. Murfreesborough was the former capital, but Nashville is now the seat of government. In 1840, there were 983 common schools in this state, attended by 25,090 pupils, and 5,930 persons were in the same year attending the superior cademies and colleges. The school-fund, in 1849, amounted to 1.321,650 dollars. and colleges.

The colonisation of Tennessee commenced about 1757.

were in the same year attending the superior academies and colleges. The school-fund, in 1849, amounted to 1,231,555 dollars.

The colonisation of Tennessee commenced about 1757, and the settlers entered warmly into the revolutionary war. The territory belonged to N. Carolina previously to 1790, when it was ceded to the United States; and in 1796 it was received as a state into the Union. It sends 1796 it was received as a state into the Union. It sends 1796 it was received as a state into the Union. It sends 1796 it was received as a state into the Union. It sends 1796 it was received as a state into the Union. It sends 1796 it was received as a state into the Union. It sends 1796 it was received as a state into the Union. It sends 1796 it was received as a state into the Union. It sends 1796 it was received as a state into the Union. It sends 1796 it was received as a state into the Union. It sends 1796 it was received as a state into the Union. It sends 1796 it was received 1796

says the volume of water still presents a side view of 90 sq. metres. "The cataract forms an assemblage of every thing that is sublimely picturesque in beautiful scenery. This fall is not, as has been commonly said, the loftlest in the world; but there scarcely exists a cataract which, from so lofty a height, precipitates so voluminous a mass of waters." (Humboldi's Researches, i. 17.) The body of water, when it first parts from its bed, forms a broad arch of glassy appearance; a little lower down it assumes a fleecy form; and ultimately, in its progress downwards, which chase each other like sky-rockets. The noise clouds of vapour are sent up, which rise to a considerable height, and mingle with the atmosphere, forming in their ascent the most beautiful rainbows. The comparative smallness of the stream which runs off from the foot of the fall, proves that a large proportion of the water is lost by evaporation. (Mod. Trav., xxvii. 330.) What gives the Fall of Tequendama a remarkable appearance, is the great difference in the vegetation surrounding its different parts. At the summit the traveller "finds himself surrounded, not only with the aratia, begonia, and the yellow parts. At the summit the traveller "finds himself sur-rounded, not only with the aratia, begonia, and the yellow bark tree, but with oaks, elms, and other plants, the growth of which recalls to his mind the vegetation of Europe; when suddenly he discovers, as from a terrace, and at his feet, a country producing the palm, the banana, and the sugar-cane. The true cause of this pheudmenon has not been satisfactorily explained. The difference of has not been satisfactorily explained. The difference of altitude, about 175 metres, is, as Humboldt bas stated, too inconsiderable to have much influence over the temperature of the air. (Researches, p. 79., &c.)

TERAMO (an. Interamnia Praintia), a city of the Neapolitan dom., prov. Abrusso Ultra, of which it is the cap., 94 ff. above the sea, in the angle formed by the Vezzola, where it joins the Tordino, 16 m. W. from the embouchure of the latter in the Adriatic, and 19 m. N.N.E. Moste Corno, the highest summit of the Appennines. Pop., in 1830, 10,331. It was formerly surrounded by strong walls, but is now quite open. With one exception, its streets are narrow and dirty, and its houses, for the most part, mean-looking. In the outskirts, however. sion, its atreets are narrow and dirty, and its houses, for the most part, mean-looking. In the outskirts, however, some of the houses are in better taste. The cathedral has been modernised. There are several convents, hos-pitals, asylums, &c. It has but few manufactures or industrial establishments; but it is the seat of the civil and criminal tribunals of the prov, and has a royal col-lege, a seminary, or establishment for the instruction of the clergy; and is the residence of several opulent fami-lles. Its vicinity is in general fertile, producing corn, wine, and oil in abundance: in the time of the Romans its wine was in high estimation:—

Tum qua vitiferos domitat Prætutia pubes Lesta laboris agros. Silius Italicus, lib. zv. v. 568.

Some buried arches, the vestiges of a theatre, baths, and some other edifices, are the principal remains of the ancient city. (Del Ré Descrisione delle Due Sicille, ii. 47., &c., Craven, Excurs. in the Abruszi, 1.310.)

TERCERA. See Azons.

TERLIZI, an inland town of S. Italy, kingd. of Naples, prov. Bari, cap. cant., on an elevated site, 18 m. W. Bari. Pop. said to amount to about 10,000. Notwithstanding its size, it seems to possess little worth notice beyond the usual superabundance of religious edifices, if we except a gallery of pictures, comprising works by several of the great Italian masters, in the mansion of a noble family.

TERMINI (an. Thermse Himerenses, and simply Thermse), a marit, town of Sicily, on the N. coast of the island, intend. of Palermo, cap. district and canton, near the mouth of the river of its own name, 24 m. E.S.E. Palermo, lat. 370 57° 29"; N. long. 140 44" E. Pop., in 1831, 18,942. It is finely situated on the declivity of a hill rising from the see; and besides being surrounded by an old wall, is farther defended, towards the see, by a castle on a high rock, commanding the town and port. by an old wall, is farther defended, towards the sea, by a castle on a high rock, commanding the town and port. The streets are, for the most part, narrow and dirty; but it has some pretty good public buildings, among which are several churches and convents, a royal college, 2 hospitals, a monte-di-picta, an asylum for females, and convenient baths over the hot springs, for makets the street has been calabrated from the remotest. which the city has been celebrated from the remotes opoch, and from which she has derived her modern as well as her ancient name. The town is a caricatore,

epoch, and from which she has derived her modern as well as her ancient name. The town is a caricatore, or shipping port, and exports (mostly coastwise to Palermo), corn, oll, shumac, dried fruits, mauna, &c. The sardine and anchovy fisheries are also actively carried on. The harbour, which s but indifferent, is open to the N. (Smyll's Sicily, p. 95; Rampoldi, &c.)

About 6 m. E. by 8. from Termini, are the ruins of the ancient Himera, near which Gelon, tyrant of Syracuse, totally defeated and destroyed an army of Carthaginians, said to have comprised no fewer than 300,000 men, commanded by Hamilear, grandfather of Hannibal, who lost his life in the action. The Carthaginians were the alies of Kerxes, and their defeat is said by Herodotus (lib. viii. cap. 166.), to have happened on the same day that the Greeks gained the victory of Salamis, amao 480 s. c. But though it be abundantly certain that Gelon gained a great victory over Hamilear, it is extremely improbable that the forces of the latter amounted to half the number mentioned above. Hannibal never had 100,000 men at any one time under his command; and the probability is that 30,000 would be much never had 100,000 men at any one time under his command; and the probability is that 30,000 would be much never had 100,000 men at any one time under his command; and the probability is that 30,000 would be much never had 100,000 men at any one time under his command; and the probability is that 30,000 would be much never had 100,000 men at any one time under his command; and the probability is that 30,000 would be much never had 100,000 men at any one time under his command; and the probability is that 30,000 would be much never had 100,000 men at any one time under his command; and the probability is that 30,000 would be much never had 100,000 men at any one time under his command; and the probability is that 30,000 would be much never had 100,000 men at any one time under his command the probability is that 30,000 would be much never had 100,000 men at any one t variably much exaggerated.

variably much exaggerated.
At a subsequent period Hannibal avenged his grandfather's disaster by taking and utterly destroying Himera. Such of its citizens as escaped the massacre
which took place on this occasion, sought an asylum in
Thermæ. (Vicero in Verrems, il. cap. 35.) Augustus
raised the latter to the rank of a colony. Stesichorus,
one of the most ancient and celebrated of the Greek

one of the most ancient and cenebrated of the Greek poets, was a native of Himera.

TERNATE. See MOLUCCA ISLANDS.

TERNI (an. Interanna), a town of the Papal States, deleg. Booleto, in a rich and fine valley, near the right bank of the Nera (an. Nar),

- Sulfures Nas albus squs. Eineid. lib. vii. lin. 614.

about 4 m. W. from the famous falls of the Vellino, and 49 m. N.N.R. Rome. Pop., circ. 9,000. It is surfaced by a wall and towers; but though it has wide streets, some tolerable buildings, and a charming situation, it is, on the whole, poor and mean, retaining but few traces of its ancient splendour. It has a cathedral with a sunerh alter an hearful few traces of its ancient splendour. It has a cathedral with a superb altar, an hospital, a monte di-pièta, and some other charitable foundations, a handsome theatre, and a building, erected in 1827, for the reception of the waters of the Veilino for the public accommodation. Among the remains of antiquity are some vaults of an amplitheatre constructed under Tiberius, portions of tempies of the Sun and Cybele transformed into churches, and the remains of public baths. The surrounding country is extremely productive, from a surrounding country is extremely productive, from faith surrounding country is extremely productive, from distinct faith surrounding country is extremely productive, from distinct faith surrounding country is extremely productive, from a surrounding country is extremely productive, from a surrounding country is extremely productive, from faith surrounding country is extremely productive, from a surrounding country is extremely productive from a surrounding country is extremely productive, from a surrounding country is extremely productive, from a surrounding country is extremely constructive from a surroun

Interawns; but there is no evidence time really the case. The emperors Tacitus and Florisms are also said, but on no better grounds, to have belonged to it.

The falls of the Veilino, called the Cascats del Marmore, about 4 m. E. from Terni, are amongst the most striking objects of the kind that are any where to be met with. The total height of the fall, which is divided into three leaps, is probably (for there is the greatest discrepancy in the statements on the subject) from 650 to 750 ft.! The water is conveyed to the fall in an artificial channel, more than 1 m. in length, originally dug by the consul Curius Dentatus, Samo 78 a. O. (Cicero, Epist. ad Atticams, Epist. 15.); but, the channel having been filled up by a deposition of calcareous matter, it was widened and deepened, and is part altered, in 1996, and again in 1786. Byron has appropriated some magnificent stanzas to a notice of these falls (Childe Harold, cant. iv. st. 69—72.); and be adds in a note, "I saw the Cascata del Marmore of Terni twice at different periods; once from the summit of the precipice, and once from the valley below. The lower view is far to be preferred, if the traveller have time for one only; but in any point of view, either from above or below, it is worth all the cascades and torrent of Switzerland put together." (See Cellarii Geographis Antiquas, 1. 751—778.; Eustace, 1. 227. oct. ed.; West Letters, I. 97., &c.)

TERRACINA (an. Assar and Terracina), a sea-port town of the Papal States, deleg. Frosinone, at the 3 externity of the Pontine Marshes, close to the Neepolitan frontier, 59 m. S. S. E. Rome; lat. 40 18 14 "N., long. 150 33 37" E. Pop. about 6,000. This town, which is on the Applan Way, and adjoining the embouchure of the exception of the portion along the shore, it is ill built; and, owing to the deletarious air of the contiguous marshes, it is unhealthy, and the inhab. have a sickly appearance. On the hill is the cathedral, erected, as is supposed, on the site of the temple of Jupiter Anxurus; higher up are the ru

And crowning the brow of the rock which overhangs the modern town are the ruins of the palace of Galba, re-paired and reoccupied by Theodoric, commending a magnificent view of the Pontine Marshes, Monte Circello, magnificent view of the Pontine Marshes, Monte Creeito, and of Gaeta and the Neapolitan shore, as far as Bale. Pope Plus VI. endeavoured, by improving the drainage of the marshes, and by clearing out and deepening the harbour, which had been completely filled up, to recover for Terracina some portion of its former importance. But his efforts have not had the anticipated success; and though the fishery be carried on to some extent from the port, it has little or no trade. In 1810, Napoleon suppressed the bishopric of Terracina.

Anxur, which was originally a town of the Volsci, where the post of the

176., &c.)
TERRANOVA (an. Gels), a sea-port town of Sicily, TERRANOVA (an. Gela), a sea-port town of Section prov. Calestanisetta, cap. district, on the S. shore of the island, near the mouth of the river of the same name, 18 m. E. Alicata; lat. 370 4' 30" N., long. 16" 15" Fop., in 1831, 9,780. It is well situated on a bank user the sea, and has a fine palace; belonging to its proprietor, the Duke de Monteleone; but the streets are irregular and dirty, and its castle, churches, and convents appear to be neglected. It has a tolerably good hepitam water is said by Swinburne to be scarce and dear. Coarse cloth it smenufactured in the town and heritage acritical. cloth is manufactured in the town; and having a carrier force, or ahlpping station, it has some trade in the corn, wine, sulphur, soda, &c. The cloth made in the town finds a good market at the commercial fair

held in August. The anchorage at Terranova is opposite to, and about 1 m, from the shore, in from 7 to 11 fathoms. to, and about 1 m. from the shore, in from 7 to 11 fathoma. It is, like other places on the same coast, open to the southerly gales, which sometimes throw in a heavy sea. In 1839, 57 ships (35 of which were British), of the burden of 4,881 tons, cleared out from the port. Smyth says that a party of strolling players has existed in this town for more than half a century, called the Campaquia degit Units, from their all sharing alike in the gains of the receiving the content of the c

more than half a century, causes, are compagned and visit, from their all sharing allike in the gains of the society.

Though the question be not free from difficulty, there seems every reason to think that Terranova, and not Alicata, occupies the site of the ancient Gela. It has some remains of antiquity, consisting of the foundations and mutilated fragments of a great temple, and of a Doric column. Gela was a Rhodian colony, and early attained to considerable distinction. But it is principally memorable for having given birth to Gelon, prince or tyrant of Syracuse, famous alike for his virtues, and for his great victory over the Carthaginians, commanded by Hamilicar, grandfather of Hannibal. Gela was subsequently destroyed by Phintias, tyrant of Agrigentum, and is included by Strabo among the uninhabited towns of the island. The modern town was founded by Frederick of Arragon, towards the close of the lith century. (Swyld, 196.; Sirisburse, li. 301., &c.).

TERUEL (an. Therdeto), a town of Spain, cap. prov. of its own name in Aragon, on a hill, at the foot of which flows the Guadalaviar, 75 m. N.W. Valencia. Pop. about 8,000. It is walled, and tolerably well built. Being a bishop's see, it has numerous churches and convents; one of the laters. Palagrage of the laters.

of its own name in Aragon, on a hill, at the foot of which flows the Gusdalaviar, 75 m. N.W. Valencia. Pop. about 8,000. It is walled, and tolerably well built. Being a bishop's see, it has numerous churches and convents; one of the latter, belonging to the Jesuits, being the largest edifice in the town. The cathedral, an extensive building, though its architecture be not wholly in good taste, is sumptuously adorned within, and has, or, at all events, had, many fine paintings. It has several fountains supplied with water by an ancient aqueduct. Its manufactures comprise woollem and linen fabrics, shoes, and earthenware, with fulling-mills, dyeing-houses, taneries, &c. The vicinity is very fertile, and near it are some celebrated warm sulphur springs. Teruel is the residence of a military governor, and was a fortress of some consequence under the Moors, from whom it was taken by Alphonao II. in 1171. (Histano, &c.)

TESCHEN, a town of Austrian Bilesia, cap. circ. and duchy of same name, on the Olas, a tributary of the Oder, 36 m. E.S.E. Troppan. Pop. about 7,000. It is well built and has three suburbs, a ducal castle, several Rom. Cath. churches, a Lutheran church, and gymnasia for both persuasions, that of the former possessing, it is aid, a library of 12,000 vols. (**Rergadas.**). There are several other superior schools, and a military asylum. Teschen is the seat of the circle tribunal and other courts, and has manufactures of woollen cloths, cassimeres, leather, fire-arms, &c. Here was signed a treaty between Austria and Prussia, in 1779.

TESSIN, or TICINO, the most S. canton of Switzerland, between lat. 40° 50′ and 46° 27′ N., and long. 90 20′ and 90° 12′ E., being separated by the main chain of the Alps from Uri and the Grisons on the N., while on other sides it is surrounded chiefly by the Austrian and Sardinian territories, the lakes Maggiore and Lugano forming parts of its 8. fronter. Area estimated at 1,034 ag. m. Pop., in 1850, 117,759, all Rom. Catholics. Most part of this canton is either mountaino Lombardy. The Ticino, whence this canton derives its name, has its sources in Mount St. Gothard, in the Valli Bedretto, Plora, Blegno, &c. Its course is generally southward, and after intersecting the canton near its centre, and traversing the Lago Maggiore in its entire length, it forms the boundary between Lombardy and Piedmont, falling into the Po at Pavia, after an entire course of about 100 m., about 60 of which are navigable. The climate of Tessin is mild; and though its pastures be not so good, nor so well watered as those of the cantons N. of the Alps, its soil is generally very fertile. Agriculture is, however, extremely backward, partly from the ignorance and want of industry of the inhabitants, and partly from the too great subdivision of the surface into small properties, portions of which at great distances from each other sometimes belong to the same proprietors. Wheat, rye, and maize are the principal grains raised; a good deal of tobacco is cultivated. Wine is grown in many districts; but, like the Italian wines, that of this canton will not keep for any considerable period. The silk of Tessin is of superior quality; and a supply worth from 200,000 to 200,000 Swis francs is sent annually into other parts of Switzerland. (Picol.) Most of the fruits common to Lombardy flourish here: the chestnut woods are extensive, and chestnut flour is largely consumed by the mhabs. The canton abounds with timber, but much of it is useless from the want of roads and expense of carriage. About 3,000 quintals a year of cheese are sent into Italy, and calves, sheep, and hogs are also exported.

The chamois is a native of this canton. It sometimes breeds with the domestic goat, and the resulting progeny is greatly prized for its akin. There are scarcely any manufactures, and the trade of Tessin is chiefly in the conveyance of goods between Switzerland and Italy. A great many of the male natives of the canton emigrate to Milan, Venice, Trieste, Turin, Marseilles, and the adjacent countries, where they serve as confectioners, checolate manufacturers, waters in coffee-houses, &c.; leaving the labours of the field and the care of the cattle to the women.

Tessin was merely a territory subordinate to Switzer-land till 1816, when k was admitted into the Confedera-tion, in which k holds the eighteenth rank. Its govern-ment was materially altered in 1830; when the grand council, which holds the sovereign and legislative power, was made to consist of 114 mems., chosen in the different communes by all the citizens born in the canton twentywas made to consist of 114 mems., chosen in the different communes by all the citizens born in the canton twenty-five years of age, and who possess immoveable property to the value of 300 Swiss francs, or the usufruct of such property to the value of 300 francs. It chooses its own president, and meets each year by rotation in Bellansons, Locarno, and Lugano. The executive body, or lesser council, consists of 9 mems., chosen by the greater council among its mems. Equality before the laws, the freedom of the press, and the right of petition, are guaranteed. Tessin is subdivided into 8 districts and 28 circles, and the latter again into communes. In every commune there is a municipal ecouncil of from 3 to 11 mems., with whom rests the direction of the local police. A justice of the peace sits in each circle; in each district there is a court of primary jurisdiction; and for the whole canton there is a supreme tribunal of 13 mems. Criminal processes appear to be more common in this than in most other cantons of Switzerland. The public revenue, principally derived from sait and custom duties, in 1833-34, amounted to 897,390 Swiss livres: expenditure to 787,540 ditto. Public debt, in 1830, 5,041,499 ditto. Contingent to the army of the Swiss Confederation, 1,804 mem.

men. The inhabs. of Tessin are of middle stature, and generally square and strongly built; though, on account, it is said, of their irregular mode of life, among other causes, they seidom attain a great age. In many respects they resemble their italian neighbours, and their language is a dialect of the Italian. Among them have been several eminent painters, sculptors, and architects; the latter including Domenico Fontana, who completed the dome of St. Peter's, and executed many other great works in Rome. But the built of the inhab. are very backward in point of education, and some of the communal magistrates can neither read nor write. It has no council of public instruction, no literary association (except, perhaps, in Lugano), and scarcely a library. The habits of the people are dirty and deprayed. According to Picot, "L'éloge de la sobriett litalieme ne constend au conton du Tessin, si sous cetuit du manger.

are dirty and depraved. According to Picot, "L'éloge de a sobriété l'aliceme ne conssient au canton du Tessin, af sons le rapport de la baisson, ni sous celui du manger. Quoique soués naturellement des dispositions les plus keureuses, ils manquent d'amour du irravail, d'industrie, et de resources, en sorte qu'ils sont inférieurs aus autres peuples de la Suisse p. 474—450; Ebel, 429.

TETBURY, a market-town and par. of England, co. Gloucester, hund. Longtree, near the source of the Avon, 164 m. S.S.E. Gloucester. Area of par., 4,960 acres. Pop., in 1841, 2,982. The town consists of several streets, meeting in its centre, in which is a large market-house, tis well built, the houses being mostly of stone. The par. church is a handsome edifice: having, with the exception of the tower and spire, been rebullt in 1781. It has chapels for Independents and Espeista, a grammarschool, a well-endowed Sunday school for all the poor children of the par., an almshouse for 8 poor persons, &c. The businesses of woolcombing and wool-stapling are carried on, but to no great extent. The supply of water used formerly to be very deficient; but the desciency has been obviated by the sinking of several deep wells. Markets on Wednesdays; fairs, four times a year, for corn, cheese, catte, lambs, and horses. A fortide camp, probably of the ancient Britons, formerly existed here; and Roman coins have been frequently dug up in and near the town.

and near the town.

and near the town.

TETUAN, a town and sea-port of Morocco, kingd.
Fez, prov. Hashet, on the shore of the Mediterranean,
33 m. S.E. Tangier. Pop. said to amount to 16,000; of
whom 9,000 may be Moors, 4,200 Jews, 9,000 blacks, and
800 Berbers. (Gräberg af Hems5.) The town stands
on the declivity of a hill crowned with a square castle,
the residence of the governor. It is of considerable
extent, and its walls are flanked in different parts with
square forts, on which a few pieces of ordinance are
mounted. Cannon are also placed on the castle, and
on a square tower at the mouth of the river forming the
port; but it could not oppose any effectual resistance to
a European force. The streets are narrow and dirty,
and as in Fez and other cities of Morocco, many are

nearly covered in by the upper stories of the houses. The latter are frequently of two stories, and tolerably well built and finished; and there are several good mosques. In commercial importance Tetuan ranks next to Fez, from which place it receives the goods brought by the caravans from Tunis, Algiers, Alexandria, Timbuctoo, &c. Wool, corn, and other provisions, wax, hides, cattle, leather, some manufactured stuffs, and other African produce, are exported to Spain, France, and Italy, in return chiefly for European manufactures. The port of Marteen is about 2 m. from the sea, on a small river, the mouth of which is now so choked up with sand as to admit only of the entrance of small craft. The roadstead, formed by a high point of land which runs out into the sea W. of the river, is sheltered from W. winds, but during the prevalence of those from the E. vessels must retire to some other place. Tetuan was formerly the residence of several European consult; at present, however, no Europeans being allowed to reside in the town, their functions are performed by vice-consule, who are mostly Jews. (G. af. Hemső, Imp., and Marocco: Mod. True. Xx.)

vice-consuls, who are mostly Jews. (G. af. Hemső, Imp. dal Marocco; Mod. Trav. xx.)

TEWKESBURY, a parl. and mun. bor., market-town, and par. of England, co. Gloucester, hund. Tewkesbury, on the Avon, near its confluence with the Severn, on the border of Worcestershire, 9 m. N.E. Gloucester, and 90 m. N. N. W. London. Area of the mod. parl. bor., which is identical with the par., 1,890 acres. Pop., in 1831, 5,791. It consists of two principal thoroughfares, meeting in the form of the letter Y, and from which many smaller streets branch out. The three principal streets are wide and respectable, but the other streets are inferior, and are principally occupied by the poor and labouring pop. (Mass. Bound. Rep.) The town is nearly insulated by the "Mill Avon" (an ancient cut, by which the Avon has been nearly diverted from its original channel), and its tributaries, the Carran and Swiligate brooks; and its in consequence compactly built. Many of is nearly insulated by the "Mill Avon" an incient cut, by which the Avon has been nearly diverted from its original channel), and its tributaries, the Carran and Swiligate brooks; and it is in consequence compactly built. Many of its houses are handsome, and it is well paved and lighted with gas. The rivers encircling the town are crossed by several bridges; and, in 1826, an elegant cast-fron bridge, having an arch 172 ft. in span, was thrown over the Severn, about \(\frac{1}{2} \) m. The rivers encircling the town are crossed by several bridges; and, in 1826, an elegant cast-fron bridge, having an arch 172 ft. in span, was thrown over the Severn, about \(\frac{1}{2} \) m. The par, church, which formerly belonged to a flourishing Benedictine abbey, that grew out of a monastery founded here in 715, is a large and noble structure. Its length is 317 ft. within the walls, and that of the transet 122 ft.: the choir and side asies are 70 ft. in breadth, and the W. front 100 ft.: the height of the tower is 152 ft. Mr. Rickman says of this church, that it is one of the most curious and magnificent edifices in the county. The nave is Norman, the piers are round and very loft; at the intersection of the cross is a very fine Norman tower, adorned with arches both within and without, in several stages. The choir has a multangular east end, with additional chapels and a chapter-house, all of excellent decorated character; the windows of the allege and transepts are some decorated and some perpendicular. The W. window is perpendicular, inserted into a very lofty Norman arch of great depth, with shifts and mouldings. In the windows of the choir are considerable remains of ancient stained glass. There are some traces of the cloistes@remaining on the S. side of the nave; they were perpendicular and very inch. There are several portions of very good screen-work and stalls. The abbey gate is standing, though much dilapidated." (Gottic Archited.) It has many fine old mounted. The living of Tewkesbury, a vicarage in the gift of t duced considerable quantities of woollen cloth and a superior kind of mustard. Its principal manufactures consist of cotton hosiery. Wages of the weavers vary from 3s. to 8s. a week, the average being about 6s. A few parties are also employed in the bobbinet-lace trade, and in the making of nails. The carrying trade up the Severn and the corn-market have declined since the improvements in the navigation at Cloucester and the construction of the railroad between Stratford and Moreton; but, on the whole, the town is still in a thriving state. Tewkesbury has returned 2 mems to the H. of C. since the 7th of James I. The right of voting, down to the Reform Act, was in freemen and holders of burgage tamements, of whom there were then 500. Registered electors, in 1849-50, 378. The mun. is co-extensive with the parl. bor. The town is governed by a major, 4 al-

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The former lasts from December to March, during which The former lasts from December to March, during which N. and N. E. winds are most prevalent; the latter, from March to the end of November, during which the winds vary from the S. E. round to S. W., may be subdivided into the spring, summer, and autumn. From April to September the thermometer in different parts of the country has been found at a general average to range from 639 to 100°; average heat, 9 a. m., 73° F.; at noon, 83°; 3 F. m., 77°. (Kensedy.) These great heats are, however, tempered by continual and strong breezes, which commence soon after sunrise, and continue till about 3 or 4 o'clock m. and the alebts throughout the veer are coal. From rempered by continual and strong breezes, which commence soon after sunrise, and continue till about 3 or 4 o'clock r.m., and the nights throughout the year are cool. From March to October little rain fails, though thunder storms frequently occur. During the rest of the year wet weather is prevalent; the rivers swell and inundate the country, and the roads are generally rendered impassable. Snow is seldom seen in the winter, except on the mountains. The climate is said by its panegyrists to be decidedly more salubrious than that either of Louisiana or of the adjacent parts of Mexico; but it is very difficult to imagine any satisfactory reasons why such should be the case, and we confess we entertain some considerable doubts as to the accuracy of the statement. On the low alluvial sea coast, intermittent fevers are admitted to be prevalent in summer, though not, it is said, to an epidemic extent; and the yellow fever, it is further stated, rarely, if ever, occurs: indeed, Mr. Kennedy goes so far as to affirm, that "mine-tenth of the republic are considered healthier than the most healthy parts of the U. States." (1.74.)

But, after making every fair allowance for exaggeration, there can be no doubt that Texas is both a fine and a fertile country. The surface is in most parts covered with luxuriant native grass, comprising with the common prairie grass, the gama, musquite, wild clover, wild rye, &c., and affording excellent pasturage. It has, also, an ample supply of timber, as well for use as for ornament. Live oak (Quercus sempervirens), so valuable for ship-building, is here more abundant and of beta equal, walnut, sycamore, bois dare, so called from the Indians using it to make their bows, cypress, caoutchouc, &c. are among the common trees; and the mountainous parts in the S.E. abound with pine and cedar of fine quality. Derhaps, than in any other part of America. White, black, and post oak, ash, elm, hickory, musquite (aca-cia), walnut, sycamore, bois dare, so called from the Indians using it to make their

lity. Among the natural curiosities of the country is the "Cross-timber" of N. Texas, a continuous series of forrests, varying in width from 5 to 50 m., and extending in a direct line about the long, of 97° W. from the woody region at the sources of the Trinidad, northward to the Arkansas river. It appears at a distance like an immense wall of wood; and from the W., such is its linear regularity, that it looks as if it were planted by art. It forms the great boundary of the W. prairies.

Texas is amply supplied with fruits and garden products. The climate of the lowlands is too warm for the apple, but almost every other fruit of temperate climates comes to perfection. Peaches, melons, figs, oranges, lemons, pine-apples, dates, olives, &c., may be grown in different localities with little cost.

Grapes are abundant; and being free from the "foxy" flavour common to the grapes of most parts of America,

flavour common to the grapes of most parts of Amerivery tolerable wine has been made from them. Vanilindigo, sarsaparilla, and a large variety of dyeing a

Grapes are abundant; and being iree from the "loxy" favour common to the grapes of most parts of America, very tolerable wine has been made from them. Vanilla, indigo, saraparilla, and a large variety of dyeing and medicinal shrubs and plants, are indigenous; and on all the river-bottoms is an undergrowth of cane, so thick as to be almost impervious. Along the water-courses also and near the sea, the larger trees are sometimes wreathed with Spanish moss, which serves both for fodder and for the manufacture of cheap bedding, &c. The flors of Texas is particularly rich and copious.

Cotton is the great agricultural staple of the republic, and it is affirmed, and perhaps truly, that it is very decidelly superior, as a cotton-growing country, to the best districts in the other states of the Union; producing a greater quantity of cotton per acre, and of a longer and finer staple. The best of the long-stapled cotton is produced in the low alluvial soils, and the short-stapled on the rolling or undulating lands. According to Mr. Iken, whose statements, however, we do not presume to guarantee, the advantages of the cotton planter in Texas over the planter in Louislana, &c., consist in the following particulars:—"He has cheaper land, a larger crop, a better staple, an earlier season to plant, and therefore to pick; likewise a longer season for the latter precarious operation prier to the rains and frosts doing injury; by the superior facilities for raising stock, be can feed his labourers about 50 per cent. cheaper than in the U. States; their clothing, owing to the lower tariff, will be far less expensive, and the more salubrious climate will make their lives a better purchase." (P. 45.) But these statements, which could at no time be depended on, are now wholly overturned by the incorporation of Texas with the U. States. The cultivation of cotton has hitherto been principally on the Brazos and Colorado, Red and Trinidad-sirvers, and Caneg creek; and it is steadily on the advance. Cotton planting begins in February, an

picking in June. The latter employment is an easy and profitable occupation for women and children. The crop of cotton was estimated, in 1848, at 12,000,000 lbs.
The grains chiefly cultivated are maise and wheat. The average crop of the former, on good ground, is said to be from 50 to 50 bushels per aere; and it is alleged that 75 bushels are frequently obtained, and that two crops may be gathered in the year, the first being usually planted in February, and the second late in June. (Kensedy.) But though these statements may, perhaps, be true, if applied only to some favoured localities, we have no doubt that they would be gross exaggerations, if they were to be understood as applying to the whole country. According to the rational and moderate estimate of the patent office, the crops, in 1848, were, wheat, 1,800,000 do. Rye, barley, oats, &c., are suited for the upper country, and rice near the river setuaries; but small quantities only of these grains have hitherto been raised. The sugar-came is also said to attain to considerable perfection; and Mir. Kennedy states that the produce on a small plantation, despite the waste arising from very imperfect machinery, has averaged about 3,900 lbs. to the acre. (i. 92.) Tobacco will probably hereafter become an important staple. The mulberry grows vigorously, and the experiment of rearing silkworms has already, were assured, been successful; and common and sweet potatoes are said, like every thing else in this fortunate land, to attain to perfection?

The rearing of live stock has, however, been long the principal and favourite occupation of the Texan settlers, and many of the prairies are covered with a valuable breed of oxen, which scarcely require, and certainly do not receive, much more care or attention than the prairie deer.

land, to attain to perfection?

The rearing of live stock has, however, been long the principal and favourite occupation of the Texan settiers, and many of the prairies are covered with a valuable breed of oxen, which scarcely require, and certainly do not receive, much more care or attention than the prairie deer. It is usually estimated that 100 cows and calves, purchased for 1.000 dolls., will, in ten years, have increased about thirty-six fold, thus numbering 3,600, worth, at the same price, 36,000 dolls., it hough we may remark by the way, that, with such an enformous increase, it is not easy to see why the price should be the same. A profitable trade in cattle is opened with New Orleans, &c., and the West India islands offer coffee, of which the Texans use large quantities, in exchange for eattle. Salt, for curing beef, is obtained everywhere near the coast; and the hide, horns, and tallow, shipped to Europe, Mr. Iken says, will slone pay more than the cost of the animal. The rearing of horses and mules is also pretty extensively pursued: sheep thrive on the upper lands, but require folding. Hogs are very profitable; and bees, which are produced in great numbers, might also be made productive, there being an extensive demand for wax in Mexico. Vast herds of buffaloes and wild horses wander over the prairies, and deer are everywhere abundant. Bears, cougars, peccaries, volves, foxes, racoous, &c., are common; and most of the plauters are obliged to keep packs of large and powerful dogs to prevent the destruction of their stock. Most of the birds known in the U. States are common to Texas, and the bays, &c., abound with fish of excellent quality, beds of good oysters, and other testacca. Alligators of 16 ft. in ength are sometimes met with in the rivers, particularly Red River and its tributaries: turtles, tortolses, &c., in the settler." he adds, "will have much greater reason to be on his guard venomous serpents, and, as in all other warm countries, musquitoes and other insect plaques are common. But Mr.

with the pursuit; and those of a still lower class may, it is said, employ themselves profitably in cultivating a garden in the neighbourhood of some town, which generally den in the neighbourhood of some town, which generally affords a ready market for garden produce. The formation of such gardens is looked upon by Mr. Iken as "an object secondary only to the planting of fields." Agricultural labourers, without capital, are said to find little difficulty in connecting themselves with farmers already established, on advantageous terms. "The modes of husbandry in Texas are of the most simple description. TEXAS:

The first object of the farmer, after beilding a small and temporary log-house, is to enclose a sufficient space of the open land adjoining, by the erection of a raif fence. He them proceeds to break up the land with a light plough, which is usually drawn by oxen. A 70ke of large oxen, broken, is worth from 30 to 60 dollars: a borse, for general agricultural purposes, about 20 dollars. The Texan farmers generally content themselves with one ploughing previously to planting. Manuring is altogether dispensed with. The seed-time for maise, cotton, and most other crops, is in February and March. A few boeings to destroy weeds, to thin and to earth up the young plants, is all that is required on the part of the farmer to bring-them to perfection." (!kew's Texas, 31, 32.) In many parts of the rolling prairie region, coal of a superior quality, and iron ore have been found; and it has been supposed that beds of these valuable minerals extend over a great part of the country. Silver mines were wrought towaris Santa Fé, in the N.W., till the works were destroyed by the Comanche indians. Nitre abounds in the E, is alt is obtained from numerous lakes and springs; and bitumen in several places. Granite, limestone, gypsum, shale, &c are abundant, except in the low alluvial region.

Probable Progress of Texas.—The reader will have already seen that we are disposed to entertain some considerable doubts with respect to the statements as to the extraordinary fertility of Texas. But admitting them to be true to the letter, still we should not be at all sanguine as to its future progress, and should think that European emigrants would do well to pause before they decide on establishing themselves in Texas. The soil is too fruitful, and the climate, especially in the lower and more fertile parts of the country, is decidedly too hot and relaxing to permit of any laborious employment being vigorously prosecuted by free labourers. Had the free importation of slaves into Texas, except from these states, is prohibited; and if the suppl

barbarous indolence into which the Mexicans have already sunk.

The geographical position of Texas is eminently favourable to the growth and extension of commerce. Its rivers and the facilities which the country affords for the completion of railways, will enable the traders and agriculturists to forward their produce easily to the coast; whence it may be forwarded to the European markets, and to those of Cuba and the West Indies generally. In exchange for the cotton and other products sent to Great Britain, the Texans import British manufactured goods, not only for their own consumption, but partly, also, for the supply of the N. states of Mexico. Indeed, Santa Fé has been, since 1826, the great emporium of N. Mexico; and in it the traders of that country meet those of the U. States; the former purchasing the manufactures brought by the latter with pelity and buillon, so that a good deal of specie reaches the U. States by this route. The annual amount of the trade as further and the state of the articles for this trade are purchased in Philadelphia, whence they are shipped for St. Louis, being thence conveyed in waggons to Santa Fé, which they reach after a journey of at least 4,000 m. From St. Louis to Santa Fé, about 1,200 m., the road is extremely bad, running through a country so infested by hostile Indians, that the U. States government is obliged usually to send an escort of cavalry with the larger caravans. But Santa Fé is only 600 m. from the Texan coast, so that it may

not unreasonably, perhaps, be anticipated, that eventually Galveston, and other Texan ports, will be the principal routes by which European gnods will reach N. Mexico. As already stated, a good deal of Texan cotton wool is exported to Europe from New Orleans, to which it is brought by way of the Red River, without its appearing to be the growth of Texas. In addition to cotton, hides, deer, otter, beaver, and other skins, cattle and other stock, and buillion from Mexico, are the principal articles of export. But the foreign trade of the state is so very limited, that the value of the exports from Texas, in the year ended 20th June, 1849, was only estimated at 82,791 doll., and that of the imports at 16,500 do. Money is very scarce in Texas: not one sale in ten is made for cash; and Mr. Iken is entitled to credit for recommending "simpers to be cautious as to the extent of their consignments, and to recollect that, however great the commercial prospects of the country may be, it is at present only a new market, whose own consumption must necessarily be limited, and the channels of whose interior or transit trade are as yet but very parwhose interior or transit trade are as yet but very par-tially opened." (Pp. 66, 67.)

The tariff in force in Texas is, of course, that of the U.

The tariff in force in Texas is, of course, that of the U. States, and the rules and regulations observed in regard to the importation of goods into the other parts of the Union are observed here. The currency weights, &c., are similarly calculated, except that land measures and a few others are identical with those of Mexico. The principal Texan ports of entry are Galveston, Matagorda Bay, and Aransas, to all which pilots are attached. Vessels of about 250 tons, or not drawing more than 10 or 11 ft. water, are those best suited to the trade. (Lieu's Texas, &c.) The tonnage duties on merchant ships in the Texan ports are 60, and those on steamers 30 cents per ton.

per top.

The governor is elected for 2 years, and is not again eligible for a similar term. The legislative power is vested in the congress, composed of a senate, and a house of representatives. The latter body consists of 66 mems. slighbe for a similar term. The legislative power is vested in the congress, composed of a senate, and a house of representatives. The latter body consists of 66 mems., who are blennially chosen by universal suffrage, and each of whom must be at least 29 years of age, and have resided in the co. or district which he represents for the 6 months next preceding his election. The senators, of whom there are 21, are chosen every 4 years, by districts as nearly equal in free pop. as practicable. Ministers of religion are ineligible to a seat in either house of congress. All mems. of the government are paid for their services: the governor's salary is 2,000 dollars a year, that of the deputy governor, 3 dollars a day, and that of mems. of congress 3 dollars a day, and that of mems. of congress 3 dollars a day, and that of mems. of congress 3 dollars a day, and that of mems. of the state for 3 years preceding their election. The different branches of public business are conducted by committees appointed by the legislature.

Texas is subdivided into about 40 counties. It is further divided into 10 judicial districts, in each of which is judge. There is, also, a supreme court, with a chief and two pulsars ludges, chosen for 6 years; their salaries are 3,000 dollars a year each, no distinction being made in favour of the chief. Sessions are held once a year at Austin, the cap. of the state, commencing on the second monday of December. The court has appellate jurisdiction within the limits of the state; but in criminal cases, and appeals from interlocutory judgments, it is under legislative regulations. Judges are nominated by the governor, and confirmed by two-thirds of the senate; they may be removed by an address of two-thirds of both houses.

and appears from interioculory judgments, it is under regislative regulations. Judges are nominated by the governor, and confirmed by two-thirds of the senate; they may be removed by an address of two-thirds of both houses. The judges of the district courts are chosen for 6 years, and hold a court twice a year in each county. The district courts have original jurisdiction in all criminal cases, and in all suits in which more than 100 dolls. are at stake.

The principal towns are Austin, Galveston, Houston, Washington, Goliad, and Sabine. Houston and Galveston have each about 5,000 inhabs. Slavery is permitted; and the number of slaves, in 1850, amounted, as previously stated, to about 30,000. Most of these slaves have been brought from the contiguous states by planters who have emigrated to Texas; for, as already stated, the importation of slaves from elsewhere is declared to be piracy punishable with death. Unresconable or cruel treatment of a slave is punishable by a heavy fine. There are several schools and colleges in Texas; and bible, temperance, &c. societies are already numerous.

The total debt of Texas, inc. the debt of the late The total debt of Texas, inc. the debt of the late republic and the interest due on the same, amounted, in 1849, to 11,050,201 doll. The resources of the state are said to be real and personal property of the value of 45,339,997 doll., tax thereon 91,990 doll., and poll taxes, I doll. each, to the amount of 18,504. It is also stated that the state has 184,386,590 acres of vacant and unappropriated land. The average annual expenses of the state amounted, in 1849, to 80,000 doll. The school fund them also amounted to 17,072 doll. In 1850, the state had 10,776 militiamen, whose services are sometimes required

Previously to 1890, Texas formed a remote and merely moninal part of the conquests of Cortes, inhabited almost wholly by predatory indian tribes; but in that year the Spaniards, having driven out a colony of French who had established themselves at Matagorda, made their first permanent settlement in the country. On the consummation of Mexican independence, Texas was constituted one of the federal states of Mexico in conjunction with the adjacent state of Coahulia; a union very unpopular with the Texans, and which was productive of the first disagreement with the central government. The war of separation commenced towards the end of 1835, and on the 21st of April, 1836, the independence of Texas was finally secured by the defeat of the Mexican president, Santa Anna, at San Jacinto. After a lengthened negotiation Texas was finally admitted into the American union, 29th December, 1845. (For further particulars we beg to refer the reader to Kessedy's Texas, 2 vols. 8vo..., and the shorter compendium of then; from which works we have derived most of the statements in this article.)

(For further particulars we beg to refer the reader to Kensaciy's Tezas, 2 vols. 8vo.., and the shorter compendium of lken; from which works we have derived most of the statements in this article.)

TEXEL (THE), an island belonging to Holland, at the entrance of the Zuyder-Zee, off the point of the Helder, at the N. extremity of the prov. of North Holland, from which it is separated by the channel, about 24 m. across, called Mars-Diep, its most southerly point being in about lat. 28° 1° N., long, 4° 46° E. It forms a canten of the arrond. Alkmaer; length N.E. to S.W. 13 m., and where broadest nearly 6 m. is width. Fop. from 5,000 to 6,000. It is low, and in part marshy, but is defended from the irruptions of the sea, partly and principally, by a line of chases, or sand-banks, which extend along its W. coast, and partly by strong dykes. The district of Eyerland (country of eggs), so called from the vast numbers of eggs deposited by the sea-fowl on its shores during the breeding season, was formerly a distinct island, having been united to the Tex-lb ya dyke in 1630. The soil, which is extremely fertile, is mostly employed in the feeding of cattle and sheep, the latter being of a peculiarly fine long-woolled breed. The inhab., who occupy a town, Burg, in the centre of the island, and some villages, in addition to agriculture, engage in flashing, boat-building, &c., and act as pilots. There is an excellent roadsteed on the E. coast of the island, and some villages, in addition to agriculture, engage in flashing, boat-building, &c., and act as pilots. There is an excellent roadsteed on the E. coast of the island, and some villages, in addition to agriculture, engage in flashing, boat-building, &c., and act as pilots. There is an excellent roadsteed on the E. coast of the island, which is the usual place of rendezvous for merchantmen from Amsterdam, waiting for a sourable wind to leave the Zuyder-Zee. The number of sand-banks make the approach to the island difficult; and on the W. side it is all but incocastible.

to be better protected than ever.

Several naval engagements have taken place off this island. Of these, the most celebrated was that between the Dutch fleet under the famous admiral the senior Tromp, and the English fleet under Monk, afterwards Duke of Albemarle, on the 31st of July, 1638. The action was maintained with the utmost vigour on both sides, till the death of Tromp, who was shot through the heart by a musket-ball, decided it in favour of the English. (Busching, Geographic Universelle, xiv. 137., Fr. ed. of 1779; Dict. Geographic Universelle, xiv. 137., Fr. ed. of 1779; Dict. Geographic Universelle, xiv. 137., Fr. ed. of 2767d, July 187. Albert of 187. THAME, or TAME, a market-town and par. of England, co. Oxford, hund. Thame, on the Thame, a tributary of the Thames, 12 m. E. Oxford. Area of par. 5,310 acres. Pop., in 1841, 3,060. The town consists of three principal streets, uniting in a spacious market.

Solio acres. Pop., in 1841, 3,60. The town consists of three principal streets, uniting in a spacious market-place. It has also a market-house, over which is the town-hall. The par. church, a large well-built cruciform structure, comprises a nave, two aisies, a N. and E. transept, a chancel, and has a fine embattled tower, supported by four meagre pillars. The interior is of noble proportions, and contains numerous monuments, but is it laid out, and spoiled by irregular galleries, &c. The united living of Thame, Towersey, Tetsworth, and Sydenham (two vicarages and two curacles), worth 300, a year, is in the gift of — Long, Esq. Near the church are some remains of the prebendal house of Thame, now occupied by offices belonging to the parsonage farm; and in Thame Park, about in B. E. the town, considerable portions of an ancient Cistercian monastery adjointhe mansion. In 1608 Lord Williams established a free school, "of noble dimensions," at Thame: it is open to the mansion. In 1558 Lord Williams established a free school, "of noble dimensions," at Thame: it is open to all boys of the par, and in trust of the warden and fellows of New College, Oxford, who nominate the master, subject to the approbation of the Earl of Abingdon. It had a high character during the 17th century, but is now much fallen off. Another free school, an almshouse for five poor people, and various annual do-

against the Comanches, and other hostile Indian tribes of the N. and W.

Previously to 1890. Texas formed a remote and merely annulacture. The Thame, being navigable for sominal part of the conquests of Cortes, finhabited almost wholly by predatory lodian tribes; but in that year the Spaniards, having driven out a colony of French who had established themselves at Matagords, made their first permanent settlement in the country. On the consummation of Mexican independence, Texas was constituted one of the federal states of Mexico in antivo of this Justice of the King's Bench, was an antivo of this vow, where he first any the light in lawyer, Sir John Hott, Chief Justice of the King's Beach, was a native of this town, where he first saw the light in 1642. Market, on Tuesday; fairs, Easter Tues, and Old Michaelmas day, for cattle, &c. (Beauties of England, Woles, Oxfordshire, &c.)

THA MES, a river of England, being the largest in that part of the U. Kingdom, and, in

a commercial point of view, one of the most important in the world. It rises in Gloucestershire, being formed by the junction of the Isis, Lech, Colne, and Churnet, rivulets which have their sources in the Cotswold Hills. The first, which is the most important, rises on the borders of Wiltshire, a little to the S.W. of Cirencester: it the other streams, the combined river takes the name of Thames, and becomes navigable for barges at Lechlade, on the confines of Glouces-tershire and Berkshire. Its course is thence N. E., till, being farther augmented by the Wind-rush and the Evenlode, from the borders of Gloucestershire, it turns, a little to the N. of Wytham-house, to the S. After passing Oxford, it bends suddenly to the W. by Nuneham Park to Abingdon. Having again resumed its south-erly direction, it is joined, a little below Dor-chester, in Oxfordshire, by the Thame.

This latter river has several sources, of which the most remote are in the central parts of Buckingham, near Kreslow and Wendon Lodge. They unite at Thame in Oxfordshire, from which point, to where it joins the Thames, it is navigable.

It may here be proper to state, that, according to the common opinion, the Thames obtained its name (said to be Thame-isis, shortened to Thames) from the junction of the Thame with the Isis, or with the river coming from Glouces-tershire. Probably, however, this opinion, not-withstanding its apparent accuracy, has no good foundation. At all events, it appears to be abundantly certain that the river which passes Lechlade, formed by the junction of the rivulets already referred to, has from a very remote period been called the Thames; and that the name Isis, given to it by the literati of Oxford, is not mentioned in ancient charters or by ancient historians, and is wholly unknown to the common people in the country through which it flows. (Camden's Britannia, Gibson's edition, i. 100.; Campbell's Political Survey, i. 199.) From Wallingford, a little below the influx

of the Thame, the river flows almost due S. till, passing Basildon Park, it turns E. to Reading, where it is joined by the Kennet: it then flows N.E. to Great Marlow; thence S. to Maidenhead, and S.E. by Windsor and Staines, till it receives the Wey. Its course is then E., with many bold sweeps, to London; and flowing through the metropolis, and being augmented by the Lea from Hertfordshire, and the Darent. it continues its course E. till it unites with the sea at the Nore light, 451 m. below London Bridge.

at the Nore light, 45½ m. below London Bridge.
The distance from London Bridge to Lechlade, where the Thames becomes navigable, following the windings of the river, is 146½ m; the total rise from low-water mark at the former to the latter being about 258 ft. This ascent is overcome by means of several locks, constructed at different periods, of which the first is at Teddington, 18½ m. above London Bridge; this, consequently, is the limit to which the tide flows. The low-water surface of the river, from Teddington Lock to London Bridge,

THAMES.

falls about 16 ft. 9 in., or about 10 ft. a mile at an average. The high-water mark at Teddington is about 1 ft. 6 in. above the high-water mark at the bridge; and the time of high water is about two hours later. The average fall in the bed of the river, from Teddington to London Bridge, is about 1 ft. a mile; the breadth of the river at London Bridge is 692 ft.

Though not a rapid, the Thames is by no means a singlish, river; it rolls forward with an equable and steady current, and is remarkable for the purity of its waters. It has been admirably described by Denham, in his Copper's Hill:—

"Though deep, yet clear; though groule, yet not dell;

Though deep, yet clear; though gentle, yet not dull; Strong without rage; without o'erflowing, full."

But the is as a navigable and commercial river, having London on its banks, and bearing on its bosom number-less ships fraught with the produce of every country and every climate, that the Thames is principally distinguished. Its depth of water is so great, that, as a shipping port, London enjoys peculiar advantages; even at ebb tide there is from 12 to 13 ft. water in the fair way of the attention of the same ping port, London enjoys peculiar advantages; even at ebb tide there is from 12 to 13 ft. water in the fair way of the river above Greenwich; and the mean range at the extreme springs is about 23 ft. The river is, in fact, navigable as far as Deptford for ships of any burden; to Blackwall for those of 1,400 tons; and to the St. Katherine's Docks, adjoining the Tower, for vessels of 800 tons. As already stated, it is navigable by barges to the confines of Gloucestershire; and the navigation is thence continued by canals through Cirencester and Stroud to the Severn; but the usual water communication between London, Bath, and Bristol is by the Kennet, which unites with the Thames at Reading. The conveyance of goods by this channel usually occupies about seven days; and the navigation is besides exposed, particularly between Reading and London, to much interruption from droughts, floods, &c. The whole course of the river, from its source to the Nore, is reckoned at from 205 to 210 m.

The removal of the old London Bridge has caused a considerable change in the river above, and also, though in a less degree, below the bridge. Owing to the contracted arches through which the water had to make its way at the old bridge, there was a fall of from 4 ft. 91 in to 5 ft. at low water; this fall is now reduced to about 2 in; so that the low-water line above the bridge is nearly 5 ft. lower at spring tides than formerly. In consequence, a greatly increased body of tidal water

2 in.; so that the low-water line above the bridge is nearly 5 ft. lower at spring tides than formerly. In consequence, a greatly increased body of tidal water flows up and down the river; and as it meets with no obstruction, it flows with a decidedly greater velocity. The effect of this is to secur and deepen the channel of the river; its influence in this respect being already sensibly felt as far up as Putney Bridge, 7‡ m. above London Bridge. The shores above the latter, that were formerly foul and muddy, are now becoming clean shingle and gravel, and, near low water, the beach is quite hard and firm. The shoels are also decreasing below the bridge; and there can be little doubt that the change will, at no distant period, be felt from the Nore up to Teddington.

and there can be little doubt that the change will, at no distant period, be felt from the Nore up to Teddington.

Before the removal of the old bridge, a barge, starting from the pool with the first of the flood, could not get farther than Putney Bridge without the assistance of oars. But, under similar circumstances, a barge new reaches Mortlake, 4 m. farther up, before using oars, and, with a little help, she may reach Richmond, and, taking horses there, may get to Teddington in a tide. The descent down the river has been equally facilitated; the mean valorities of the flood and ebb, between London the mean velocities of the flood and ebb, between London Bridge and Westminster Bridge, are, flood, 3 m. an hour, extreme, 34; ebb, 34 m., extreme, 34; ebb, 35 m., extreme, 34; ebc, 36 m., extreme, 34; ebc, 34; ebc

" The Kennet swift, for silver eels re

rises on Marlbourgh Downs, in Wiltshire, and, pursuing an easterly course, falls into the Thames at Reading. It has been made navigable as far as Nowbury; whence the canal previously mentioned is carried, by Devises and Bradford, to Bath and Bristol. The Wey falls into the Thames near Oatlands; it has its source in the eastern part of Hampshire, and has been rendered navigable from Godalming to the Thames, a distance of about 20 m. The first payestical locks a distance of about 20 m. been rendered navigable from Godalming to the Thames, a distance of about 20 m. The first navigation locks used in England are said to have been constructed on this river. The Les rises in the chalk hills near Luton, in Bedfordshire; and preserving a southerly course, fails into the Thames near the East India Docks. It has been made navigable, by collateral cuts and otherwise, as far as Hertford. This navigation, which is of considerable importance, began to command the attention of the legislature so early as 1925, in the reign of Henry VI. It has not yet, however, received all the improvement and extension of which it is capable. (Pricatly on Indian Navigation, &c., p. 411.) The Darent has its source near Westerham, in Kent; it falls into the Thames about 4 m.

THEBES.

below Dartford, to which it is navigable. (Statistics of British Empire, 1.30.)

THANRT (ISLE OF). See KEPT.

THAXTED, a market-town and par. of England, co. Basex, hund. Dunmow, on the Chelmer, near its source, 34 m. N. E. London. Area of parish, 5,890 acres Pop. in 1841, 2,527. The town is irregularly built, and excepting its church, has no public editice worth notice: this is a large and fine structure, in the perpendicular style, its earliest existing part probably dating from the middle of the 14th century. It is built cathedral-wise, with a transept between the nave and chancel: its internal length is 183ft.; breadth, 87 ft.; and at its W. end is a tower, with a very rich crocketted spire, 181 ft. in height. The whole fabric is embattled and supported by strong buttresses, terminated by canopied ported by strong buttresses, terminated by canopied niches and pinnacles, curiously purfied. The N. porch is richly ornamented with sculpture, and the cornice and inches and pinnacles, curiously purfied. The N. porch is richly ornamented with sculpture, and the cornice and upper part charged with various figures. Above the entrance are two escutcheons, one containing the arms of France and Regiand, and the other those of the House of York; a part of the edifice having been constructed at the expense of Edw. IV., the rest chiefly at that of the noble families of Clare and Mortimer. "The nave is curious, being not so wide as either of the aisles. Most of the buttresses of the sisles are enriched with pannelling, and have fine pinnacles. Some of the windows are square-headed; their tracery has been much mutilated. This church had, at one time, a considerable portion of fine stained glass, which has, however, long been gradually diminishing." (Rickman, Golkic Architecture). The living, a vicarage, in the gift of Lord Maynard, is worth 450% a year. Thaxted has meeting-houses for several sects, a par. school for 50 children, an endowment of nearly 4,000%, by Lord Maynard, in 1638, for general charitable purposes, and many minor charities. It was a mun. bor. till the reign of James II, when, on the corporate officers being served with a quo warrento, its privileges were dropped; and its former guildhall is now the workhouse. The town is of high antiquity, its church being mentioned in the time of Edw. the Confessor. Markets on Fridays; fairs, Monday before Whits, and Aug. 10., for horses, &c. (Parl. Report, &c.)

THEBES. THEBE**.

Bow. the Conressor. Maximum on Finally, excepting the Mints. and Aug. 10., for horses, &c. (Parl. Reports, &c.)

THEBES, THEBEZ*, or DIOSPOLIS (the city of Jupiter), a once famous, but long ruined city of Upper Egypt, the cap, of the kingdom of the Pharaohs when in the senith of their power, and whose remains exceed in extent and magnificence all that the most lively imagination could figure to itself. The ruins are situated in about lat. 25° 42° N., long. 32° 39° E., in the narrow valley of the Nile, stretching about 7 m. along both banks of the river, and extending to the mountains on either side. One might suppose, seeing the vast magnitude of its public edifices, that its private buildings would be in a corresponding style of magnificence, but Diodorus tells us that the Egyptians were little solicitous in respect of the latter; and, at all events, all traces of private fabrics have disappeared; and temples, palaces, colossal statues, obelisks, and tombs, alone remain to attest the wealth and power of its inhabs. Thebes was undoubtedly one of the most ancient, as well as one of the greatest and most appendid of cities. Its most flourishing period was probably from about answ 1700 to answ 700 s.c. Homer has alluded to her in terms which, but for the ruins, might have been deemed extravagant:—

"Not all proud Thebes unrivall'd walls contain, when the Egyptian blain."

"Not all proud Thebes' unrivall'd walls conta The world's great suppress on the Egyptian pia That spreads her conquest o'er a thousand stat And pours her heroes through a hundred gare Two hundred horseness and two hundred care From each wide portal issuing to the wars."

Prov' Head

Modern travellers have not been able to find any distinct traces of walls round the ruins; and the opinion has prevailed from a very remote epoch, that Homer, in the passage now referred to, did not alude to gates in the city walls, but to the gates of the different temples, or, as Pomponius Mela supposes, to the palaces of great men (lib. i. cap. 9.). Probably, however, the poet, by this expression, merely meant to convey a lively idea of the prodigious pop. and power of the city.

The seat of government had been removed from Thebes to Memphis (near Cairo), previously to the invasion and conquest of Egypt by the Persians under Cambyses. This event took place cause 525 B.C., when, according to Diodorus, the Persians plundered and set free to Thebes. It appears, however, to have, in some degree, recovered from this disaster. But after the conquest of Egypt by the Greeks, their whole attention was directed to the improvement and embellishment of Alexadria, so that the cities in Upper Egypt, and especially Thebes, progressively declined in importance and pop. its fall was accelerated by its having revolted against Flolemy Philopater, by whom it was subsequently reduced, and

**a It has been supposed that the wed These is derived from the

We were indebted for these details to the late John Smeaton.
 Esq., engineer.

^{*} It has been supposed that the word Thebr in derived from the Egyptian word Theori (the city).

THEBES.

given up to military execution. In Strabo's time it was enly partially inhabited. In the earlier ages of the Christian grait was still of some little consequence; but for these many centuries it has been only inhabited by a few wretched Copts and Arabs, who, with bats and owls, occupy miserable hovels, moatly in the courts, and sometimes on the roots of the ancient structures.

The principal ruins on the E. or Arabic side of the river are those of Carnac and Luxor, about 1½ m. apart. The first of these, which there can be no doubt is the temple of Ammon, the Jupiter of the Egyptians, is de-The first of these, which there can be no doubt is the temple of Ammon, the Jupiter of the Egyptians, is described by Diodorus as a wast structure, or rather collection of structures, the principal being erected on an artificial elevation. It has various entrances, the avenues to which have been flanked on each side with rows of sphinxes. The principal front to the Nile is of enormous magnitude, being 368 ft. in length by 148 ft. in height, with a doorway in the middle 64 ft. in height. Entering this superb gateway, and passing through a large court, we has between two colosasi statues through another propyion, entering by a flight of steps to a vast hall, the roof of which, consisting of enormous slabs of stone, has been supported by 134 huge columns. This gigantic hypostyle hall is about 338 ft. in width, by 170½ ft. in depth, so that its area comprises 37,629 sq. ft., being considerably more than 1½ acre, or more than 5 times the area of St. Martin's church, Trafalgar Square, London; and yet this magnificent hall does not occupy one seventh part of the space included within the walls of the temple! (Egyptian Antiquities; Library of Entertaining Knowledge, i. 89.) The entrance to what is supposed to be the adytum of this famous temple is marked by 4 noble obelisks, each 70 ft. in helght, but of which 3 only are now standing. "The adytum consists of 3 apartments, entirely of granite. The principal room, which is in the centre, is 20 ft. long, 16 wide, and 13 high. Three blocks of granite form the roof, which is painted with redmirably adapted to the mysterious purposes mentioned ciusters of gits stars on a blue ground. The walls are likewise covered with painted aculptures of a character admirably adapted to the mysterious purposes mentioned by Herodotus, on the subject of the virgins who were introduced to the Theban Jupiter. (Herod, 1, 182.) Beyond this are other porticoes and galleries, which have been continued to another propylon at the distance of 2,000 ft. from that at the W. extremity of the temple." (Hamilten's Egytiaca.)

from that at the W. extremity of the temple." (Hamilton's Egytiaca.)
The great temple is supposed to have had 4 grand entrances, one fronting each of the cardinal points. Deducting its porticoes or propyle, the length of this stupendous structure, measured on the plan of the French easems, is 1,215 ft., and its least breadth 321 ft.; so that its area must be rather above 9 acres! And "besides the great edifice, with its propyle, obelisks, and avenues of colossal sphinxes, it has magnificent temples to the N. and S., altogether forming an assemblage of remainment as, perhaps, no other spot on earth can offer." (Egyptian Antiquities, i. 94.)
Champollion says, with reference to the ruins of Carnac, "Lâ m' apparut toute la magnificence Pharmonique, tout ce que les hommes ont imagine et czecuie de plus grand. Tout ce que les hommes ont imagine et czecuie de plus grand. Tout ce que les hommes ont imagine et czecuie de plus grand. Tout ce que les hommes ont imagine et czecuie de plus grand. Tout ce que les hommes ont imagine et czecuie de plus grand. Tout ce que l'avais wa a Thèbes, tout ce que l'avais admiré avec enthousiasme sur la vive gauche, me parut misérable en comparaison des conceptions gigantesques dont fétais entouré. Il suffira d'apouter gui aucus peuple, ancien mi moderne, n'a conçu l'art d'architecture sur échelle aussi sublime, aussi large, aussi grandiour, qui, en Europe, s'elance blen au desus de nos portiques, è srvête, et tombe impuisante au pied des 140 colonnes de la ault hypotyle de Karnac." (Letres Ecrited de l'Egypte, &c., 98.)

The palace of Luxor (El kuer. the ruins) about

salle hypostyle de Karnac." (Lettres Ecrites de l'Egypte, 8c., 98.)

The palace of Luxor (El huer, the ruins) about 1½m. S. from Carnac, on the same side of the river, though inferior in size to the latter, is also a structure of vast dimensions. Its principal entrance facing the N. is most magnificent. On either side the doorway stood two obelists, or monolithes, each formed out of a single block of red granite, 80 ft. in height, about 8 ft. square, and most beautifully sculptured. Recently, however, one of these obelisks has been taken down and conveyed at an immense expense to Paris, where it has been erected in the Place de la Concorde; but it is as little in unison with the objects among which it is now placed as a Pharaoh would be at the court of the Thuilleries, and it is to be regretted that it should have been separated from the venerable structure of which it formed so splendid an ornament. Between the obelisks and the propylon are two colossal statues, each measuring about 44 ft. from the ground. The entire palace is about 800 ft. in length, by about 200 ft. in breadth. It is in a very reainous state; but though most part of the outer walls have been thrown down, the greater number of the columns in the interior are still standing. It is sadly encombered with the hovels of the modern Copts and Araba, and with the accumulated fifth and rubbish of centuries. The victories of Secostris are sculptured on the from the venerable structure of which it formed so splen-Vol. II.

B. wing of the propylon and on other parts of the palace with infinite spirit, and the greatest amplitude of detail.

"It was impossible," says Mr. Hamilton, "to view and

E. wing of the propylon and on other parts of the palace with infinite spirit, and the greatest amplitude of detail." It was impossible," says Mr. Hamilton, "to view and reflect upon a picture so coplous and detailed, without fancying that I here saw the original of many of Homer's battles, the portrait of some of the historical narratives of Herodotus, and one of the principal groundworks of the stories of Diodorus; and to complete the gratification, we felt that, had the artist been better acquainted with the rules and use of perspective, the performance might have done credit to the genius of a Michael Angelo or a Giulio Romano. Without personally inspecting this extraordinary edifice, it is impossible to have any adequate notion of its immense size, or of the prodigious masses of which it consists. In both these respects, and, combined with them, in respect to the beauty and magnificence of its several parts, it is, I should imagine, unrivalled in the whole world." (Egyptiaca, 121.) This palace is supposed to have been founded by Amenophis Memnon, about amno 1850 s. c.

The ruins on the W. or Libyan side of the Nile are not less interesting than those on its E. side. About 50 ft. in height, and seated on a pedestal of corresponding dimensions. The probability seems to be that the most northerly of these colossi is the statue of Memnon, which has obtained an immortality of renown, from its being believed to have emitted a sound when it was first struck by the rays of the morning sun! (See Vol. 1.751.) Champollion has, however, shown, from the hieroglyphics on its back, that this famous statue really represents the Pharaoh Amenophis II., who reigned about assoc 1660 s.c. These statues are supposed, by the same distinguished authority, to have decorated the façade of the Pharaoh Amenophis II., who reigned about assoc 1660 s.c. These statues are supposed, by the same distinguished authority, to have decorated the façade of the Pharaoh Amenophis III. who reigned about assoc 1660 s.c. These statues are supposed o

the most astonishing." (P. 167.)
It would be to no purpose, even did our space permit, to attempt giving any account of the innumerable hieroglyphics, pictorial tablets, and bas-reliefs on the ruins of the Rhamesselon. They principally relate to the triumphs of its illustrious founder, and his adoration of the gods of his country. The author of Scenes and Impressions in Egypt alludes as follows to the representation of the victories of Sesostris:—"The hero, as compared with the rest of the figures, is of great size; he stands erect in his charlot; his horses on their speed—a high, cloud-pawing gallop; his arrow drawn to the head; the reins fastened round his loins; you have the flight of the vanquished; the headlong fallings of the horse and the charlot; you have the hurrying crowd of sight of the vanquished; the headlong fallings of the horse and the chariot: you have the hurrying crowd of the soldiers on foot; a river; drowning; the succouring of warriors on the opposite bank; and, in a compartment beyond, you have a walled town; a storm; the assailants climbing ladders; the defenders on the parapet; the upheld shield; the down-thrust pike: a sad but yet a stirring picture, bringing to your mind many a historic scene, alike memorable and melancholy." (P. 95.)

The following, according to Champolilon, is the dedication of the great hall of the palace, sculptured in the name of the founder, in beautiful hieroglyphics, upon the architraves of the left side:

"Haroeris, all-powerful, the friend of truth, the lord of the upper and lower regions, the defender of Egypt,

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THE the eastigator of countries; Horus, the resplendent possessor of the palms, the greatest of conquerors, the kinglord of the world, sun, guardian of justice, approved by Phrê, the son of the Sun, the well-beloved of Ammon, REAMER, has caused these structures to be erected in honour of his father Ammon-Ra, king of the gods. He has caused to be constructed in good white sandstone the great hall of assembly, supported by large columns with capitals initiating full-blown flowers, and flanked by smaller pillars with capitals initiating a truncated bud of the lotus; and he has dedicated the hall to the Lord of Gods, for the celebration of his assembles: this is what the king ever living has done." (Lettres & Egypte, p. 373.; we have used the translation given in the art. on Egypt in the new ed. of the Encyc. Britannics.)

by amalfer pillars with capitals imitating a truncated bud of the lotts; and he has dedicated the hall to the Lord of Gods, for the celebration of his assemblies: this is what the king ever living has done." (Lettres & Regyle, p. 373.; we have used the translation given in the new ed. of the Renye, Britansica.)

The tombs of the kings of Egypt in the valley or rather rocky ravine of Bibane-l-Moluk, to the 8.W. of the ruins on the W. side of the river, are not less extraordinary than the structures previously noticed. They have been described as follows in the elaborate and learned article on Egypt now referred to *:—

"The site chosen for the royal necropolis appears to be eminently suited to its melancholy destination; for a valley or ravine, encased as it were by high precipitous rocks, or by mountains in a state of decomposition, presenting large fissures, occasioned either by the extreme heat or by internal sinking thown, and the backs of which are covered by black bands or patches, as if they had been in part burned, is a spot which, from its loneliness, desolation, and apparent dreariness, harmonises well with our ideas as to the most fitting locality for a place of tombs. No living animal, it is said, frequents this valley of the dead; even the fox, the world, and the hyren, shun its mournful precincts; and its doleful echoes are only awakened at intervals by the foot of the solitary antiquary, led by inquisitive curiosity to pry into the very secrets of the grave. The catacombs, or Appogra, are all constructed on nearly the same plan; yet no two of them are exactly allke; some are complete, then appear never to have been finished, and they vary dunch in the depth to which they have been exacted in the rest point of the passage 20 ft. wide, which descend gradually about 60 passage 20 ft. wide, which descending reducility and passage 20 ft. wide, which descending reducility in the rock. The royal tomb in the legal of this passage is a horizoutal gallery, on a level with the lowest part of the first descen

This article was written by the late Dr. Brown of Edinburgh, and is a favourable specimen of his great learning and research.

combs, however, which have been thoroughly completed and finished, are but few in number: these are, the tomb of Amenophis III., or Memnon, the decoration of which or Amenophis III., or Memnon, the decoration of which has been almost entirely destroyed; that of Rhamses Bleiamoun; and of Rhamses V.; probably also that of Rhamses the Great; and, lastly, that of Queen Thaosis. All the others are incomplete. The tomb of the great Rhamses, or Sesostris, still exists, according to M. Champollion, and is the third on the right of the principal valley; but it has sustained greater injury than almost any other, and is filled nearly to the ceiling with rubbish."

Such is a ween belof and incomplete that the ceiling with its according to the ceiling with the same belof and the ceiling with the same belof and the ceiling with the ceiling with the same belof and the ceiling with the c

ousn."

Such is a very brief and imperfect notice of some of the more important ruins scattered over the site of this ancient capital of the Pharaohs—"veterum Thebaruss magna vetigia." (Tacit Annal., ilb. il. cap. 70.) Their vantness is such as almost to stagger belief; and the travelvaniness is the a same to stager better and the traveler who finds himself among these gigantic monuments of remote antiquity feels an almost overpowering sensation of astonishment and awe. It is extremely difficult to form any apparently satisfactory conclusions as to the means which the Theban monarchs must have put in motion to raise such stupendous edifices. Their exform any apparently satisatory conclusions as to the means which the Theban monarchs must have put in motion to raise such stupendous edifices. Their extraordinary magnitude, the size and hardness of the blocks of stone (usually granite) of which they are built, and the countless numbers, depth, and nicety of the hieroglyphics and pictorial tablets with which they are profusely covered, must have occasioned the employment of an enormous quantity of labour, and as all but boundless expense. Most probably the work was principally executed by slaves, or by requisitions of compulsory labour furnished by subjugated countries; but, in whatever way it may have been effected, it must, especially when we consider the limited advance them made in mechanical science, have involved an outlay which only a very great revenue could have sufficed to meet. It is imposable to form any just idea of what Thebes must have been in the days of her glory, previously to the Pharasohs leaving her palaces for those of Memphis, while her porticose were crowded with merchants and merchantise, and before

" Reientiess war had pour'd around her wall."

"Relenties war had pour'd around her wall."

Thebes had little in common with most ancient and still less with most modern cities. She in fact was, as it were, the capital of a by-gone world, of which we know ittle or nothing save what may be learned and conjectured from her own monuments.

THEBES, a famous city of ancient Greece, the capital of Bœotla. The modern town is, however, of comparatively limited dimensions, being confined to the eminence occupied by the Acropolis of the ancient city, and the pop. is supposed not to exceed 5,000. It is the cap. of a prov. of the same name, and is situated in a fine plain 29 m. NN.W. Athens, lat. 380 '22' 30' N., long. 350' 45' 15' E. When seen from a distance, the modern town still assumes the appearance of a considerable city. Prodictious ramparts and artificial mounds appear on its outside; it is surrounded by a deep fosse, and the traces of its old walls may yet be discovered. But the contrast between its external and internal appearance is most striking. Previously to the late revolution, the streets were narrow and dirty, the houses being either constructed were narrow and dirty, the houses being either constructed of the ruins of ancient edifices, or mere wooden bovels. were narrow and dirty, the houses being either constructed of the ruins of ancient edifices, or mere wooden howels. It had, however, some handsome mosques and minarets, with a baxar shaded by gigantic plane trees, and extensive gardens; but these have been almost wholly destroyed during the late struggle. The town, however, is again beginning to be rebuilt, and Mr. Mure says that "the principal street is of considerable width, with some good new houses on each side, interspersed with the usual number of hovels, wooden sheds, ruins, and rubbish." (Tow in Greece, 1. 260.) It retains very lew traces of its ancient magnificence, and the sacred and public edifices mentioned by Pausanias and others have wholly disappeared. It is now, however, as of old, extremely well supplied with excellent water.

The ancient city of Thebes, or rather its citadel, is said to have been founded by Cadmus (and house called Cadmesis), a Phoenician, or perhaps Egyptian, adventurer, who introduced the knowledge of letters into Greece, asso 1649 s. o. (Larcher, Chromologie of Herodote, p. 569.) Its walls were constructed at a later period by Amphion and Zethus, the former of whom is believed to have been the earliest of Greek musicians, and hence "Dictus at Amphion, Thebause condition arcis,

"Dictus et Amphion, Thebenes conditor arci Sana movere sono testudinie, et prace bland Ducere que vellet." Hor. Are

The city had seven gates; its circ. is variously stated at from 43 to 70 stadia, and its pop, might perhaps amount to about 50,000. It had many magnificent temples, theatres, gymnasiums, and other public edifices, aderned with noble statues, paintings, and other works of art. Its government, like that of all other Greek cities, was fluctuating and various. Originally it was subject to kings or tyrants; and after the republican government had been established, the aristocratical and democratical

parties alternately prevailed. Owing to her proximity to Athena, from which, of course, she had everything to feer. Thebes was for a lengthened period what may be called the natural enemy of Athens, and during the Peloponnesian war was the most efficient ally of Lacedesmon. But after the failure of the expedition against Syracuse had broken the power of Athena, and Thebes had no longer any fear of her hostility, dissensions began to spring up between her and Lacedesmon, and the Thebans, under their great leaders Pelopidias and Epaminondas, acquired a decided superiority over the latter, and became for a short while the leading Greek state.

After the battle of Cheronea, in which the Thebans bore a principal part, Philip placed a garrison in the cita-del of Thebas; but, on his death, the Thebans rose in arms against his son, Alexander the Great. The latter, arms against his son, Alexander the Great. The latter, however, having taken the city by storm, seene 335 n. c., rased it to the foundations, the house that had been occupied by Pindar being alone excepted from the general destruction; such of the inhabs., amounting, it is said, to 30,000, as had not been killed, being at the same time sold as slaves. (See Mitford's Grecc, vil. 339., 8vo. ed., and the authorities there quoted.)

But about twenty years after this catastrophe, the city was rebuilt by Cassander, when the Athenians, forgetting the ancient animostiles that had subsisted between them and the Tobahaus emeasuals constribited towards the

the ancient animostiles that had subsisted between them and the Thebana, generously contributed towards the reconstruction of the walls. Subsequently the city underwent many vicissitudes. It appears to have suffered from the exactions of Sylla. Strabo calls it a poor village (lib. ix.); and Pausanias, who describes its temples and other remains, asy, that, with the exception of the temples, the lower town was wholly destroyed. (Lib. ix. cap. 7.) The fertility of the surrounding plain, which produces corn, wine, and oil in the greatest abundance, and the excellence of the air and water, appear to have been the principal cause why Thebes has been able to survive so many disasters, and is still a considerable and increasing town.

which produces corn, wine, and oil in the greatest abundance, and the excellence of the air and water, appear to have been the principal cause why Thebes has been able to survive so many disasters, and is still a considerable and increasing town.

Thebes is particularly famous in the early and heroic ages of Greok history. "Nec cedentes Athenis claritate, ques cognomicansus Basoties Thebe, duorum numinum, Liberi aique Heroeitis, ut volunt, patria." (Plin. Hist. Nat. lib. iv. cap. 7.) The stories, also, of Lains, Jocasta and Edipus, and their unfortunate progeny, and of the wars of the seven chiefs and their descendants, the Epigoni, against Thebes, have supplied topics of the deepest interest that have engaged the attention of the greatest poets of antiquity and of modern times.

The air of the Bocotian plain is less pure than that of Attica, and this circumstance was pretty generally believed in antiquity to be the cause of the duiness of the Thebans, who, speaking generally, wanted the quick ness, penetration, and vivacity, that distinguished the Athenians. But this difference of character was probably owing rather to a difference in the education and institutions of the two people than to any difference of soil or climate. In respect of illustrious men, Thebes need not fear a comparison with any city of ancient or modern times. The names of Hesiod and Pindar, of Pelopidas and Epaminondas, are alone sufficient to illustrate and ennoble a nation. It was, indeed, as already stated, the extraordinary talents and virtues of the latter that raised his country to a preponderating influence in the affairs of Greece. It deserves, also, to be mentioned, to the honour of the Thebans, that the odious practice, tolerated in other Greek states, of exposing children at their bitrit, was forbidden in Thebes. (In addition to the authorities already referred to, see Carrie's Travels, vii. 61., &c., 800. ed.; Dodiert's Greece. i. cap. 9:; Popage d'Anachorsis, cap. 34. Jancient Universal History, vi. p. 189.—200., &c.)

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mostly confined to the conveyance downwards of salt (from the co. Marmaros, in which it rises), and of timber in rafts. "Hitherto no steam-boat has been established on the Theiss; but from the extreme richness of the surrounding country, the size and importance of many of the places on its banks, and above all from the exceedingly bad roads in its neighbourhood, there can be little doubt that the establishment of steam navigation will be undertaken before long. The depth, width, and force of the stream of the Theiss are as favourable as could be desired; but it is objected that the windings of the river require to be cut off by canals; and in some cases 30 or 40 miles would be saved by a bat of 3 or 4. Should the canal be formed between the Danube at Pesth and the Theiss at Scoluck, as is contemplated, this river will assume an importance far greater than is at present imagined. The slow muddy waters of the Theiss seem to suit the fish better than those of any other river in Hungary. It is said that, after an overflow, they have been left in such quantities as to be used for feeding the jug, and manuring the ground. The sturgeon of the Theiss, though smaller than that of the Danube, is remarkable for its fatness and delicate flavour." (Paget's Hungary and Transpivenia, i. 478, 479.)

THERMOPYLE (from begais, hot; and *whn, a gate, or pass); a famous defile on the shore of the Mallan Gulph, on the N.E. coast of Greece, near the mouth of the Hellada (an. Sperchies), between the steep precipices at the E. termination of Mount Œta and the sea, in about lat. 38° 57 N., long. 22° 39′ E. The defile is about 5 m. in length, and, where narrowest, was not, anciently, more than 50 paces across. In cujus valle ad Mallacess sinesses ergente iter est som latitus quans szagnian passus. Here uses millitaris via est, qua traduci exercitus, si non prohibeanter, possint. (Liv. lib. xxx. cap. 15.) At present the only practicable road through the strait is by a narrow causeway, on either side of which is an impossable morass, bound

and as it may be detended by a comparative; maniforce, its occupation is of the utmost importance for the defence of the country. At the narrowst part of the pass are hot springs, a circumstance which, as seen above, has given the defile its peculiar name. (Clerke's Tresels, vii. 317, &c., &v. ed.)

It was in this pass, as every body knows, that, onso 480 s. c., the Spartan king Leonidas, with about 4,000 Greeks, resisted for a while the whole force of the Persian army invading Greece under Xerxes. After the Persians had succeeded in opening a passage by another route across the mountains, Leonidas, having dismissed almost all the other Greeks, devoted himself with 300 Spartans, under whatever disadvantage, to fly from an enemy, and, agreeably to the answer of the oracle, a sacrifice to insure the independence of his country. (Herodotss, ib. vii. cap. 210—228.) This event has given Thermopyles all its interest, and will make it be held in "everlasting remembrance." After the final defeat of the Persians a magnificent monument, the ruins of which still Persians a magnifernt monument, the ruins of which still remain, was erected in honour of Leonidas and his heroic remain, was erected in montrol Leonisia and in acrose companions. It had an inscription, said by Cicero, by whom it has been translated, to have been written by Si-monides (Tuscul., i. cap. 42.), and which has been ren-dered into English, as follows:—

"To Lacedsmon's sons, O stranger, tell
That here, obedient to their laws, we ful!

The ground near the Sperchius, on which the army of Xerxes was encamped during the attack on Thermopyle, could not possibly have accommodated his troops had their numbers approached to any thing like those specified by Herodotus. But there cannot be so much as the shadow of a doubt that these are grossly, and, indeed, ludicrously, exagerated. To suppose, as is stated by the venerable father of history, that the army which Xerxes led to Thermopyles and his fleet comprised 5,23,220 troops, sailors, and male followers of all descriptions (Herod. lib. vii. cap. 187.), exclusive of women, emuchs, &c., is a nalnable absurdity. It may be confident scriptions (Herod. lib. vil. cap. 187.), exclusive of women, emucha, &c., is a palpable absurdity. It may be considently affirmed that no such force ever was brought together, and that if it were it could neither be fed nor kept together for the shortest period. If we estimate the troops, seamen, and other followers of all kinds employed by Kerxos in this expedition at 500,000 individuals, we shall certainly be not within, but far beyond, the mark. The statements of Herodetus are founded merely on the statements of Herodetus are founded merely on

The statements of Herodotus are founded merely on rumour, which is always sure to exaggerate that which is really great; and the Greeks were particularly prone to magnify their exploits beyond all reasonable bounds. THETFORD, a parl. and mun. bor. of England, chiefly in the co. Norfolk but partly in Suffolk; being separated by the little Ouse into 2 unequal parts. connected by an iron bridge, constructed in 1820, at the intersection of the roads from Newmarket to Norwich, and

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from Rottesdale to Lynn; 26 m. S.W. by W. Norwich, and 70 m. N.E. London. Area of parl. bor., which complises the 3 pars. of St. Cuthbert, St. Mary, and St. Peter, 8,270 acres. Pop., in 1841, 3,944. The town is straggling, and irregularly built, with little trade or manulactures; but it does not appear to be decaying, and has a clean and respectable appearance. It is not paved, lighted, nor watched. It has increased of late years very little beyond its former limits. (Bound. and Mun. Corp. Rep.) St. Peter's, called the "black church," from being constructed mostly of flint, was principally rebuilt in 1789; it is provided with buttresses, battlements, &c. The living is a rectory, worth 5M. as year. St. Cuthbert's and St. Mary's (which last par. is in Suffolk), are both perpet. curacles, the former worth 50L and the latter 8M. a year. All the livings are in the gift of the Dake of Norfolk. The guildhall is a fine old building, erected in the time of Charles II. The markethouse, roofed with iron; the jail, a large but ill-contrived building, the belief and building, erected in the time of Charles II. The market-house, roofed with iron; the jail, a large but ill-contrived building; the bridcwell, workhouse, several dissenting chapels, and a theatre, occasionally opened, are the other principal buildings. An hospital for two poor men and two women, and a free grammar school, were established in the reign of James I.; and it has besides, almahouses founded in 1690, a national school, funds for apprenticing poor children, and many unior charities. Therford is founded in 1680, a national school, funds for apprenticing poor children, and many minor charities. Thetford is governed by a mayor, 3 other aldermen, and 12 councilors: its earliest extant charter is of William III. It has no commission of the peace, but petty sessions and a court of record are held weekly. The corp. revenue is principally derived from the tolls on navigation from Thetford to White House ferry, under local acts; gross amount in 1847-8, 8533. Thetford has sent 2 mems. to the H. of C. since the reign of Edward VI.: previously to the Reform Act the right of voiling was vested in the mayor, burgesses, and commonalty. The limits of the part, bor. were not affected by the Boundary Act. Reg electors, in 1849-50, 210. The town is a polling place for the W. div of Norrolk. Thetford is generally supposed to occupy the site and commonalty. The limits of the part. bor. were not affected by the Boundary Act. Reg electors, in 1849-50, 210. The town is a polling place for the W. div. of Norfolk. Thetford is generally supposed to occupy the site of the Stiomagus of the Romans. During the Heptarchy it was the cap. of the East Auglian kingdom, and on the E. side of the town are remains of intrenchments, &c., supposed to date from that period. In the time of Canute a convent was founded in the town, some remains of which are still extant. The gateway, &c., of a priory, founded in 1104, and some traces of a monastery, established at a later period, may also be seen. In the reign of Edward III., it is add to have had 34 principal streets, 5 market-places, 30 churches, 8 monasteries, and 6 hospitals, besides other public foundations; but these statements are of doubtful authenticity, and are most probably much exaggerated. It has been occasionally visited in more modern times by some of the British sovereigns, particularly James I., who had a hunting-seat in the neighbourhood. Among the natives of Thetford who have attracted notice, the most celebrated by far was Thomas Paine, author of the once famous but now forgotten pamphlets entitled "Common Sense," "Rights of Man," "Age of Reason," &c. Paine was born on the 29th of January, 1737; his father, who was a staymaker in Thetford, belonged to the Quakers. Markets, Sat.: fairs, May 14., Aug. 2. and 16., for sheep; Sep. 25., for cattle, cheese, and toys.

THIBET, or TIBET (native Toup'ko, Bhote, and Puèz-kouchim, "snowy region of the north"), a very extensive region of Central Asia, mostly comprised within the Chinese empire, between lat. 22° and 31° N. and long. 73° and 104° E., having N. Chinese Turkestan and the Desert of Cobi; E., the Chinese prov. of Se-tchuen; S., Yun-nan; N., Birmah, and the Great Himalaya, separating it from Assam, Bootan, Sikkim, Nepaul, and the upper British proves; and W. the Funjab territories N. of the Himalaya, separating it from Assam, Bootan, Sikkim, Nepaul, and

tion of the elevated table land in the centre of the continent, with the sources of almost all the great rivers of S. Asia, including the Indus, Sutleje, Ganges, Brahmaputra, Irrawadi, Than-iweng, and Menam-kong or river of Camboja, as well as those of the great Chinese rivers, the Yang-tse-kiang, and Hoang-Ho. Its mountain-chains generally run parallel to the Great Himalaya, of which Thibet is the N. slope; but some are said to which Thibet is the N. slope; but some are said to stretch in a N. E. direction to the frontiers of Koko-nor, and others extend from N. to S. between the valleys of the great rivers in the S.E. Thibet has numerous lakes; the chief are the Tengkiri-nor, the largest, about 110 m. N.W. Lassa, and the lake Palte or Yamo-rouk, S. of the San-po river, which surrounds in the form of a ring a large island of a shape similar to its own. (Chinese Repos., 4c.) pos., &c.)

According to Mr. Turner, there is a very striking contrast in the face of the country in passing from Bootan into Thibet. "Bootan presents to the view mountains covered with perpetual verdure, and rich is forests of large and lofty trees, while not a slope or narrow slip of land between the ridges lies unimproved. Thibet, on the other hand, strikes a traveller at first sight as one of the least favoured countries under heaven, and appears to be in a great measure incapable of culture. It exhibits only low rocky hills, without any visible vegetation, or extensive arid plains, both of the sight as one of the least favoured countries under heaven, and appears to be in a great measure incapable of culture. It exhibits only low rocky hills, without any visible vegetation, or extensive arid plains, both of the most stern and stubborn aspect, promising full as little as they produce. Its climate is cold and bleak in the extreme, from the severe effects of which the inhabs. are obliged to seek refuge in sheltered valleys and hollows, or amidst the warmest aspects of the rocks. Yet the advantages that the one country possesses in fertility and in the richness of its forests and fruits, are amply counterbalanced in the other by its numerous flocks and invaluable mines. As one seems to possess the pabulum of vegetable, in the other we find the superabundance of animal life. The variety and quantity of wild-fowl, game, and beasts of prey, flocks, droves, and herds in Thibet, are astonishing. In Bootsa, droves, and herds in Thibet, are astonishing. In Bootsa, droves, and herds in Thibet, are astonishing. In Bootsa, droves, and herds in Thibet, are astonishing. In Bootsa, are seen." (Turner's Thibét, &c., p. 216.)

The same division of the seasons prevalls here as in Bengal. The spring, from March to May, is marked by a variable atmosphere, heat, thunder-storms, and occasionally refreshing showers. From June to Sept. is the damp season, when heavy and continued rains throughout most parts of the country swell the rivers, which bear off the surplus waters to augment the inundation of Bengal. From Oct. to March a clear and uniform sky succeeds, seldom obscured either by fogs or clouds, and for the first three months of this season a degree of cold is felt, among the lofty mountain ranges or clouds, and for the first three months of this season a degree of cold is felt, among the lofty mountain ranges or any season of the visit, and meat and fish are prepared for the winds, and meat and fish are prepared for the winds, and meat and fish are prepared for the winds, and meat and fish are prepared for the winds,

Catarrhe and rheumatism are more frequent than in Bengal.

Of the geology of Thibet we have only scattered notices. Moorcroft found that the hills in parts of Little Thibet consisted apparently of clay-slate, fragments of graulte, quarts, &c. being strewn upon their sides. (Moorcroft's Travels, i. 439.) The latter rocks, with primary limestone, tale, and similar formations, seem to enter most largely into the mountain ranges, where they are often interspersed with beds of clay and sand, and occasionally of chalk. Tincal is obtained in inexhaustible quantities; rock salt is met with in many parts, and nitre efforesces abundantly on the surface of the soil. Gold is found in lumps and irregular veins, or parts, and nitre efforesces anuncantly on the surface of the soil. Gold is found in lumps and irregular veins, or in the form of dust in the rivers, and is frequently of great purity. There are mines of lead, sliver, copper, and cinnabar, but few if any of iron, though chalybeste aprings are very frequent. The difficulty of procuring and cinnapar, our sew if any of 1ron, though chalybeate springs are very frequent. The difficulty of procuring fuel for smelting the less valuable ores proves an insuperable obstacle to success in mining: timber of all kinds is rare, and the dung of animals is the only substitute for fire-wood. The discovery of a coal mine would be an invaluable acquisition to Thibet.

be an invaluable acquisition to Thibet.

The usual crops are, barley, coarse pease, and whest. The first forms by far the largest proportion of the whole; wheat never enters into the food of the poorer classes, and rice is not cultivated. A brief notice of the agriculture and vegetable products of Little Thibet will be found under the article LADARE (saide, p. 131.). Turnips and radishes are almost the only garden vegetables, and fruits are of little variety. For most vegetable products, and, indeed, medicinal plants, Thibet is dependent on Bootan, Nepaul, and the other countries S. of the Himalaya.

Among the useful animals of Thibet, sheep merit a distinguished rank. The fiocks of these are numerous; and upon them the chief reliance of the inhabs. is placed. A peculiar variety, which seems indigenous to the coun-

and upon them the chief reliance of the inhabs. is placed. A peculiar variety, which seems indigenous to the country, is of small size, with black heads and legs, and soft wool; their mutton, which is almost the only animal food used in Thibet, being said by Mr. Turner to be the finest in the world. The sheep are occasionally employed as beasts of burden, being laden with sait, grain, &c. They are the bearers of their own costs to the best marts, where the wool is usually made into a narrow clear resembling frieze or thick coarse blanketing. The skins of both sheep and lambs are commonly cured with the

THIBET.

wool out; and, in order to secure a silky softness of the fascee, the ewes are sometimes killed before their time of yeaning, when their skins bear a high price in China and all over Tartary. (Tarzer, p. 302.) The Thibet goat (Capra kircus), which affords the valuable material for the shawl manufacture, feeds, like the sheep, in large numbers together. These are perhaps the most beautiful among the whole tribe of goats. Their colours are various; black, white, of a faint bluish tinge, and of a shade something lighter than a fawn. They have straight borns, and are of a lower stature than the smallest sheep in England. The material used for the manufacture of shawls is of a light fine texture, and clothes the animal shade something lighter than a fawn. They have straight horns, and are of a lower stature than the smallest sheep in England. The material used for the manufacture of shawls is of a light fine texture, and clothes the animal next the skin. A coarse covering of long hair grows above this, and preserves the softness of the interior coat. The creature is, no doubt, indebted for the warmth and fine quality of the latter to the mature of the climate and country it inhabits. On removing some of the goats to the hot atmosphere of Bengal, Turner says they quickly lost their beautiful clothing, and a cutaneous eruptive humour soon destroyed almost all their coat. It is was also unsuccessful, after repeated triais, in attempting to acclimatise the animal in England. (Twrner's Thibet, p. 355.) Recently, indeed, the Thibet goat has been naturalised in France; but it is quite certain, from the great difference of the climate, that the wool will, in no long time, lose all its distinguishing and most valuable qualities. The most valuable species of cattle is the yalk, or grunting ox (Bos grussiens), which is also indigenous to the country. Their cows supply an abundance of rich milk: they are very useful as beasts of burden, and throughout Hindostan their bushy tails are in great request as chowries to drive away flies, &c. For agricultural labour, small cattle, like those of Bengal, are chiefly employed. Most of the native animals of Thibet, as the ral labour, small cattle, like those of Bengal, are chiefly employed. Most of the native animals of Thibet, as the bare, bharal (Ovis common), dog, &c., have long furry coats. Among the wild animals, perhaps the most curious is the musk deer, which delights in excessive cold. It is about the height of a moderately-sized hog, which it closely resembles in the figure of the body. It has a small head, a thick and round hind quarter, no tail, and extremely delicate limbs. The hair with which it is covered is prodigiously copious, and grows erect all over the body, in some parts to between two and three inches in length, thin, flexible, and undulated. Its colour at the base is white, in the middle black, and brown at the base is white, in the middle black, and brown at the points. The musk is a secretion formed in a little bag at points. The musk is a secretion formed in a little use at the navel, and found only in the male. The musk deer, valuable for this product, is deemed the property of the state, and is hunted only by permission of government.

the navel, and round only in the mine.

Aulable for this product, is deemed the property of the state, and is hunted only by permission of government. (Twrner, p. 206.)

At the end of the last century, the valley of Jhansu in Thibet was particularly famous for the manufacture of woollen cloth, for which there was an extensive demand. The cloths, which were confined to two colours, garnet and white, seldom exceeded half a yard in breadth, and were woven very thick and close. A good deal of cloth is also said to be made at Lassa, great quantities of a red colour being annually exported into China. Moorcroft describes the process of weaving at Pici, in Little Thibet, as follows:—"The two ends of the warp are fastened together, and it is then stretched upon two rods, one fixed to the body of the weaver (who is invariably a woman) by a cord, which admits of the work being loosened or tightened at pleasure, and the other well fastened to some stones at a distance, equal to half the length of the cloth. The whole is close to the ground, on which the workwoman sits, but the portion close to her is slightly elevated by a third rod; loops, each including a thread, and received upon a small stick like a rattan, supply the place of a heddle: of these there are three sets, which draw up parts of the warp alternately as required. A large heavy mesh, into which a thin bar of iron is inserted, is a substitute for the reed, and three or more heavy strokes are made with its armed edge upon every thread of the woof. The last instrument must be taken out after the insertion of each piece of yarn, and when placed perpendicularly, with its two edges separating the warp, abundance of room is given for the passage of the balls of worsted made use of without the covering of a shuttle. This part of the process is tedious, but the warp is prependicularly, with its two edges separating the warp, abundance of room is given for the passage of the balls of worsted made use of without the covering of a shuttle. This part of the process is ted

coarse kind, and in consequence the finer cloths have a hardness, something similar to that of camlet or plaid, to which they are little inferior. Very good sacking is also made of the hair and wool from the yalk. (Moorcraft,

mariness, someting similar to that of camier or place, to which they are little inferior. Very good sacking is also made of the hair and wool from the yalk. (Moorcryft, Traw., p. 71—74.)

Thibet has, from time immemorial, been a country of considerable traffic; but here, as in Bootan, foreign trade is monopolised by the government, and a few of the first officers of state. The commerce is principally with China, the Chinese trade being carried on partly at Sin-ning, a garrison town on the W. frontier of China, and partly at Lassa, by caravans, which come there in October. These consist of 800 or 600 persons, who bring goods on cattle, mules, and sometimes horses, exchanging tea, silver buillon, brocades, fruits, &c., for fine and coarse woollen toths, gold dust, and Bengal goods. The imports from China are large. Turner was informed, that in the territory of Teshoo Loumboo tea to the value of 60,000t. or 70,000t. sterling was annually consumed, and Bootan is supplied with tea from Thibet. The other imports from China are tobacco, quicksilver, cinnabar, furs, porcelain, nusical instruments. European cultery, pearls, coral, &c. From Bootan and Bengal Thibet receives English broad-cloths, piece goods, Allahabad cloth, kim-cots, coarse sugar, tobacco, indigo, paper, rice, sandalwood, spices, gums, and otter skins. Many of these articles come through Nepaul, which receives all its Chinese imports through Thibet. The trade with Assam is very limited, but small quantities of rice, coarse silk, iron, stick lac, &c. are imported; from Turkestan come horses and camels. From Ladakh E. Thibet receives dried fruits, shawls, gamboge, saffron, &c. The general returns of Thibet are in gold dust, silver, tincal, musk, woollen cloths, goat and lamb skins, and rock salt; the goats' hair is almost all sent through Ladakh to Cashmere for the manufacture of the Cashmere shawls. (See vol. 1. p. 552. of this Diet.)

Moorcroft says that in Little Thibet traffic is earried

is almost all sent through Ladakh to Cashmere for the manufacture of the Cashmere shawls. (See vol. i. p. 552, of this Dict.)

Moorcroft says that in Little Thibet traffic is earried on chiefly by barter, and money is almost unknown. Salt, wool, turquoises, sheep, and goats, are imported from Chan-than, or Chinese Thibet, and are paid for with grain, woolien cloth, and horses. From Blashar and Kulu (to Piti) come iron, cooking utensils, brass, copper, tobacco, rice, dried fruits, tea-cups, timber, among the complex of the com the yarn is fastened to one of them, and carried on round the others till a sufficient quantity has been wound; all are them taken out except three, which have their places supplied by rods, and the warp only requires spreading. Every woman knows how to weave, but only half their number may be considered as employed in the nanufacture, for if a house contain two, one is usually busy in domestic affairs. \$6,000 yards, 17 inches wide, may be fabricated annually in the Pitl district, of which about half is exported "Further N. a coarse loom is in use, not very unlike that common in Burope. Several varieties of cloth are manufactured; some thick and heavy, with a long nap, others fine. All the wool used is of a

natives of the country, are sent to each canton from Lassa, and relieved every three years. The subordinate management of the communities is intrusted to two officers in each, the d'heba and vasir, the former appointed from Lassa, the latter a native of the place, who, with the chief lama of the village, form a sort of local council, dependent on the provincial authorities; who again are obliged to refer to the capital for instructions in all extraordinary cases. (Moscrophi, 286.)

traordmary cases. (Moorcroft, 1. 365.)

Thibet is remarkable as being the central seat and headquarters of Buddhism, where the Buddhic religion headquarters of Buddhism, where the Buddhic religion is preserved in its greatest purity. The whole nation is divided into two distinct and separate classes, those who carry on the business of the world, and those who hold intercourse with heaven. No interference of the laity ever interrupts the regulated duties of the clergy, nor ot the latter ever employ themselves in secular affairs. In this, and in the absence of castes, consist some of the most striking differences between the religion of Thibet and that of Hindostan, all distinction of caste being utterly repudiated by the Buddhic faith. The priests of Thibet are all called lamas; and the Grand, or Dalai Lama, who resides at Lassa, is believed by his adherents to be an incarnation of the Divinity in a human form. On the dissolution of this body, he is supposed to reappear in the body of some infant, who subsequently passes through the term of his mortal existence with all the honours of the Grand Lama. The mode of ascerpasses through the term of his mortal existence with all the honours of the Grand Lama. The mode of ascertianing the identity of the new lama is described at length in Hamilton's E. I. Gazetteer, art. TRIBET. The Teshoo Lama, and others, are also supposed to be divine incarnations, occupying successively different bodies; and Turner (p. 333-336.) gives an amusing account of an interview with the former, who, although conly 18 months old, appears to have conducted himself with astonishing dignity and decorum! The Buddhists of Thibet have convents for men and women, and their seligious institutions present several striking coincidences with those of the R. Catholic church. The written laws of Thibet, which are said to be of

with those of the R. Catholic church.

The written laws of Thibet, which are said to be of high antiquity, have in recent times been modified in accordance with those of China. Robbery or dacolty is usually punished by perpetual banishment; murder by death. Adultery is not classed among serious eriminal offences; and strict chastity before marriage is not expected in the fair sex. In Thibet, as in Bootan and other countries of the Himalaya, the practice of polymeria is common; a female associating herself with all the brothers of a family, without restriction of age or numbers. The choice of the wife is the privilege of the sider brother.

elder brother.

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The people of Thibet belong to the great Tartar family. Their physical appearance has been already noticed in this work (see Asia, I. 192.). They are said to be mild and humane, but their intellect is sluggish, noticed in this work (see Asia, I. 192.). They are said to be mild and humane, but their intellect is aluggish, and they have never exhibited the enterprise of their neighbours either to the N. or S. At Dras, in W. Thibet, Moorcroft found the pop, much addicted to pillering; but he says that this is not the character of the people in general, especially of those who follow the faith of Buddha: the people of Dras are Mohammedans, and, like those of Ladakh generally, have suffered much moral detriment from contact with the Cashmerians. (Travels, ii. 43.) In this part of Thibet the houses are built of pebbles, cemented with earth, having terraced roofs, without chimneys. Further E. the peasants' dwellings are mean structures, resembling brick-klins in shape and size, and built of rough stones heaped upon each other without cement. The great sof inhabs. from boarding the floors of their rooms, which are accordingly of stone or marble. Bectuseds appear to be wholly unknown; the general custom is to spread on the floor, by way of a bed, a thick mattrass, which serves for a seat by day. Both sexes dress chiefly in woollens, in which yellow and red are pradminant colours, with upper garacents of sheep, goat, or jackal skins, and high and thick boots, but the upper classes partly in silks, and in cloaks lined with sable or other furs. Their food principally consists of barley, variously prepared, with tea, spirits, beer, and mutton, which last they prefer raw. Their meals are taken at no stated times, but under the impulse of hunger. The business of the day usually begins by prayer; they then follow their peculiar avocations till evening, which is no stated times, but under the impulse of hunger. The business of the day usually begins by prayer; they then follow their peculiar avocations till evening, which is always spent in recreation, music and dancing being among their principal amusements. Mr. Turner found the priests acquainted with the signs of the sodiac, the satellites of Jupiter, Saturn's ring, &c.

The art of printing has also, from a very remote age, been practiced in Thiblet. But no improvements appear to have been made in this country in any branch of science known to the inhabe. Their mode of printing has probably been derived from China; but they esteem the city of Benares as the traditional source of both their learning and religion. (Terware, p. 281.) There appears to have been from the remotest time a connexion

between Thibet and India; and the uckew character, in which the sacred writings of this people are preserved, bears a strong resemblance to that of the Sanscrit. The same, or ordinary character of business and correspondence, is distinct from the former.

smin, or ordinary character of business and correspondence, is distinct from the former.

Several remarkable customs prevail in Thibet. In every visit of ceremony, a silk scarf, usually white, and with the mystic sentence Dom mane pace me com interwoven at both ends, is invariably exchanged at every visit of ceremony, and accompanies every letter sent, between people of every rank and station in life. "This usage," says Turner, "is observed in all the territory of the Deb Rajah (Bootan); it obtains throughout Thibet; it extends from Turkestan to the confines of the Greet Desert; it is practised in China, and, I doubt not, reaches to the limits of Mantchoo Tartary." Another custom, which the people share with the Parsees, is that of exposing the bodies of the dead among the laity to be devoured by carnivorous birds. The bodies of sovereign lamss after death are dried by exposure to the air, and preserved enshrined; those of inferior lannas are usually burnt, and their ashes inclosed in little metallic idols. Other corpses are committed to the rivers; but the inhumation of the dead is totally unknown.

Thibet appears to have had relations with the Chinese empire at a very early period; but it was governed by

inhumation of the dead is totally unknown.

Thibst appears to have had relations with the Chinese empire at a very early period; but it was governed by its own princes till about 1720, when the emperor Kang-he acquired its sovereignty. Still the greater share of power was left in the hands of the Grand Lama till the invasion of the Nepaul Gorkhas in 1790; when, on their expulsion by the Chinese, the present form of government was established, and strangers, formserly permitted to enter the country, were altogether excluded. (Note in Chinese Repository, 1.175; Turner's Embassy to Thibet; Moorcroft's Tran. in the Himslegges Pross., &c.)

THIELT, a town of Belgium, prov. W. Flanders, arrond. Bruges, cap. cant., a little S. of the railway between Bruges and Ghent, 13 m. S.S.E. the former. Pop., in 1836, including commune, 11,660. It has no government establishments or public buildings of any consequence; but it is a busy and Sourishing town, with manufactures of leather, hats, soup, and lace, being indebted for its prosperity to its situation near a tributary of the Lys, which gives it the advantage of a considerable inland navigation. It unites with Poperingen in sending 3 mems. to the provincial states. Among the natives of Thielt was Oliver Ledais, the barber, and afterwards the favourite, of Louis KI. This unworthy minloo, who figures as an important personage in Scott's novel of Quentin Druward, did not escene the fate dise the naives of 1 helt was Univer Legain, the surver, and afterwards the favourite, of Louis XI. This unworthy minion, who figures as an important personage in Scott's movel of Quentin Durward, did not escape the fate due to his deserts, having been hanged, in 1484, after the

to his deserts, having been hanged, in 1484, aner use death of Louis.

THIERS, a town of France, dep. Puy de Dôme, caparroud., on the Durolle, 28 m. E.N.E. Clermont. Pop., in 1836, 6807. The appearance of the town is picturesque, being situated on the declivity of a hill, and tolerably well built; but its streets are narrow and steep, and its vicinity is so arid and bare that its inhaba, have been always obliged to depend mainly on their manufacturing industry. It has considerable fabrics of hardware and cutlery, and of woollens, paper, leather, &c. It is the seat of tribunals of primary jurisdiction and commerce. a chamber of manufacturies, a council des commerce, a chamber of manufactures, a council des prud'hommes, and a communal college. It owes its origin to a castle existing here in the earliest period of

origin to a castle existing here in the earliest period of the French monarchy, and is supposed to derive its pre-sent name from Thierri, King of Mets, early in the 6th century. (Hugo; Dict. Géog., &c.) THION VILLE, a fortified town of France, dep. Mo-selle, cap. arrond., on the Moselle, 16 m. N. Metz. Pop., in 1836, 4,201. It is, in general, well built; and, unlike most fortified towns, has broad streets. It is entered by 3 gates, and communicates with its citadel across the river à gates, and communicates with its citadel across the river by a wooden bridge. It has a handsome place d'ermes, three sides of which are occupied by barracks, and the fourth by the cavairy stables, considered among the best in France. The new par. church, corn market, theatre, college, civil hospital, and the former mansion of the governor, now the sub-prefecture; the tribunal of primary jurisdiction, mayor's residence, and gendarwerie, with the botanic garden, are all deserving of notice. Ilosiery, woollen cloths, candles, leather, liqueurs, and spirits, are manufactured in the town and its vicinity. The kings of France, of the first and second races, trequently resided here. After the Carlovingians, Thion-ville successively belonged to the counts of Luxemburg. ane sings of France, of the first and account races, tre-quently resided here. After the Carlovingians, Thion-ville successively belonged to the counts of Luxemburg, and to Burgundy, Austria, and Spain. It was repeatedly besieged and taken in the 16th and 17th centuries, but has belonged to France ever since it surrendered to the Prince of Condé, in 1643. (Hugo, Guide du Voyageur;

THIRSK, a parl. bor., market-town, and par. of England, co York, N. Riding, wapent. Birdforth, on the Codbeck, an affluent of the Swale (here crossed by two stone bridges), by which the town is divided into Old and New Thirsk, 22g m. N.W. York. The parl. bor. com-

writes the townships of Thirsk, Sowerby, Cariton-Miniott, and Sand-Hutton, in the par. of Thirsk, with the adjacent townships of S. Kelvington and Bagby, including an area of 9,810 acres. Pop. in 1841, 3,123. Thirsk is a country town, situated in an agricultural neighbourhood: the old town is chiefly composed of one long street of rather an unpromising appearance, at the commencement of which is a small open space. In the new town, also, the houses are, for the most part, of an inferior class, and inhabited by small tradesmen. About 1 m. to the S. of Thirsk is Sowerby, an extremely nest country village. Many of the houses are of a superior class, and have an air of neatness and respectability. Sowerby consists of one long and very wide street; it has been selected as a residence by many persons, who, having retired from business, live upon the produce of the capital they have accumulated. (Bossel. Rep.) The par. church is a large and handsome edifice, in the Perpendicular kyle: it has a lofty W. tower, and is wholly of one design, with pierced battlements; the details are good, and the general appearance elegant. (Richwam's Gothic Architecture.) A part of this church is said to have been built out of the ruins of the castle, belonging to the Mowbray family, erected in the 10th and destroyed in the 12th century, on the site of which New Thirsk is partly built. The living of Thirsk, a perpetual curacy worth 1432 a year, is in the effort of the Archb. of York. There are several places of worship for Dissenters, charity echools, a dispensary, &c. The principal employment is the manufacture of coarse liness and sacking. Thirsk appears to be in a stationary condition. It is governed by a bailift, chosen annually, and sworn in at the court leet of the lond of the manor. The former bor. comprised only a part of the old town of Thirsk. It sent 2 mems. to the H. of C. in the 23d Edward I., and again from the reign of Rdward VI. down to the passing of the Reform Act; the right of election being in the owners of burgage te

Lighters of from 20 to 30 tons come up to the town, which has 3 large flour-mills, and exports considerable quantities of flour, corn, and provisions: it has also a tannery and 2 breweries. Thomastown sent 2 mems. to the Irish H. of C., but was disfranchised at the Union. Quarter sessions are held in January, April, July, and October; and petty sessions every alternate week. It is a constabulary station. Markets on Mondays and Saturdays. Fairs, March 17., May 25., June 29., and Sept. 15. Postoffice revenue, in 1830, 2842; in 1836, 6064. A branch of the Agricultural Bank was opened in 1835. There are several resident landlords in the neighbourhood of Thomastown, and the agriculture and trade of the country has improved. But lingits, affirms that the condition of the people has, not withstanding, visibly deteriorated of late years (1. p. 80.); and this, we regret to say, how anomalous soever it may appear, is true of most country districts in Ireland. tricts in Ireland.

malous soever it may appear, is true of most country districts in Ireland.

THORN, a fortified town of the kingd, and prov. of Prussia, reg. Martemwerder, cap. circ., on the Vistula, here crossed by a long wooden bridge, about 90 m. from its mouth, and 52 m. S.S.W. Mariemwerder. Pop., in 18,65, 9,465. It consists of an old and a new town, separated by a wall and ditch. There are 3 Rom. Cath, and 2 Protestant churches; several convents and asylums, a Lutheran gymnasium, &c. It is the seat of the courts for the circ, and has various manufactures, and a considerable trade. It is very strong, its fortifications having been greatly improved and augmented since 1815. It was founded by the first grand master of the Teutonic order, in 1231; and most part of its principal edifices are of old date. But its chief claim to notice is derived from its having been the birth-place of Copernicus, the discoverer, or rather restorer, of the true theory of the world, born on the 19th February, 1472. His great work, De Revolstionibus Orbicus Calestisms, in six books, was published at Nuremberg, in 1543, a few days before the death of its illustrious author, which took place on the 94th of May of the same year.

illustrious author, which took place on the 94th of May of the same year.

THORNBURY, a market-town and par. of England, co. Gloucester, hund. Thornbury, in the vale of Berkley, it m. N. by E. Bristol. Area of par., 11,860 acres. Pop., in 1841, 4,706. The town consists principally of three streets, arranged in the form of the letter Y. The church is a handsome cruciform structure, with a lofty tower, ornamented with rich open-worked battlements and plunacies. The living, a vicarage worth 500t. a year nett, is in the gift of the dean and chapter of Christchurch, Oxford. There are two subordinate curacies in the par., at Oldbury and Falfield. It has also Baptist, Independent,

Quaker, and Wesleyan meeting-houses; a grammar-school for boys, another free school for 36 children, almshouses, &c. But it is principally remarkable for the remains of a magnificent castle, begun by Stafford, Duke of Buckingham, in 1511, but left in an unfinished state, when be suffered on the scaffold, in 1522. It site is very commanding; Rickman says its style is the late perpendicular, with good details; and it is especially interesting from its affording some interesting specimen of the last gradation of castellated architecture. (Gothic Architect.) Thornbury was formerly a municipal bot., governed by a mayor and 12 aldermen; but no charter is extant, and the body being found useless, the corporation was abolished by the Bunicipal Reform Act. The clothing trade was formerly carried on pretty extensively, but it is now nearly extinct. Market-day, Saturday; fairs, Easter Monday, Aug. 15., Monday before St. Thomas, and Dec. 21., for catile and pigs. (Muss. Report; Append., &c.)

THORNE, a market-town and par. of England, co. York, W. Riding, wapent. Strafforth, &c., near the Don, and on the borders of Linconshire, in a low, flat, and mostly fertile, but marshy country, 23s m. 8. by E. York. Area of par., 10,840 acres. Pop., in 1841, 3,607. The town appears to be prosperous; it is tolerably well built, and the streets are paved. The par. church is a neat building, with a square tower and plunacies. The living, a perpet. curacy, worth 1171. a year, is in the gift of the heir of Sir H. Hetherington. (Eccl. Rev. Rep.) There are several dissenting chapeis, two free schools, &c. At a suburb called Halpman-hill, on the Don, about 1 m. from the town, vessels of considerable burden are built, and a brisk trade in corn and other goods is carried on at Thorne, which is greatly promoted by the Stainforth and Keadby Canal. Market-day, Wednesday; fairs, Monday, Tuesday, and Wednesday, after both June 11. and Oct. 11., for cattle, borses, and pediary.

THRASYMENE (LAKE OF), or Lake of Perugia (an. Lacus Thrasymenus), a famo

waters are conveyed to an affluent of the Tiber. This useful work, if not wholly constructed, was at all events, repaired and renovated, by a lord of Perugia in the early part of the 15th century. (Rampoldi, Trasience, Lagodi.)
This lake is famous in history for the great victory gained on its banks by Hannibal over the Romans, anno 217 m.c. The battle appears, according to the statements of the best critics, to have been fought in a valley near Passignano, on the N. E. shore of the lake, which is entered from the N. by a narrow defile, and is shut up on of the best critics, to have been fought in a valley near. Passignano, on the N. E. shore of the lake, which is entered from the N. by a narrow defile, and is shut up on all sides by steep hills and the lake. Hannibal having entered this defile, posted his troops at the foot and on the slopes of the hills that bounded the valley on either side, and in this position waited the advance of the Romans, by whom he was imprudently followed. The latternered the valley at night-fall, and at break of day, on beginning their march, they were assailed on all sides with tremendous fury. The disorder caused by this unexpected attack was increased by the circumstance of a thick fog arising from the lake and concealing their enemies. But, not withstanding they were thus, as it were, caught in a trap, the Romans displayed their accustomed heavery, and struggled, if not for victory, at least to sell their lives as dearly as possible. It is mentioned, as evincing the fury of the coutest, and its all-absorbing interest, that a violent earthquake, which in great part overturned several towns of Italy, and otherwise committed great ravages, occurred during the heat of the fight without being noticed by any one! (Livy, lib. xxii. cap. 5.) In the end, however, the triumph of Hannibal was complete. The Romans left 15,000 men, including their consul, Flaminius, whose rashness had led them into the snare, dead on the field of battle; and, according to Polybius, they lost about the same number, taken prisoners. The loss of the Carthaginian did not exceed 1,500 men. (See Livy, ubl supra, and the excellent account of Polybius, General History, lib. ili. cap. 8.)

In noticing the lake of Thraymene, Byron has alluded to the incident of the earthquake as follows:—

e incident of the coast-regument this day,
And such the frenzy, whose convulsion blinds
To all save ournage, that, beneath the fray,
An earthquake resid unbestedly away!
None felt stern Nature rocking at his feet,
And yawning forth a grave for those who lay
Upon their bucklers for a winding-abeet;
ach is the absorbing hate when warring nations meet!"
Childe Handd, iv. 63.

THREE RIVERS, or TROIS RIVIERES, the third town of Lower Canada, cap. distr. of its own name, on the St. Lawrence, where it is joined by the St. Maurice, 66 m. S. W. Quebec, and 75 m. N.E. Montreal; lat. 46° 22' N., long. 72° 29' W. Pop., estimated by M'Gregor at between 4,000 and 5,000. It derives its name from 2 small islands at the mouth of the St. Maurice, which divide it into 3 channels, but the town is on the W. bank of that river. The situation is agreeable, though not the town itself, which is one of the oldest in Canada. It contains about 400 dwalling-houses mouth built of wealing the stress most the built of wealings.

it into 3 channels, but the town is on the W. bank of that river. The situation is agreeable, though not the town itself, which is one of the oldest in Canada. It contains about 420 dwelling-houses, mostly built of wood, a handsome court-house, a strong gaol, a decent-looking Catholic, and a Protestant church, an Ursuline convent, founded in 1677, &c. The river is deep near the town, and the steamers stop to take on board passengers and fuel. Here the courts of justice for the district are held; and here, at one period, a great share of the fur trade centred. Some furs are still brought down by the Indians, and purchased by the agents of the Hudson's Bay Company; and there are a few breweries, potash factories, inns, shops, a printing-office, &c. But its general trade has been mostly absorbed by Montreal and Quebec. (M'Gregor's British America, gc.)

Trols Rivières was of much more importance formerly than at present, having been originally the cap. of Canada. (Enego. America.) Its pop. is still principally French, and the names of its streets are all traceable to Paris. It sends 2 mems. to the H. of Assembly.

THURGAU, or THURGO VIA, a canton of Switzerland, in the N.E. part of the confed., between lat. 470 207 and 470 407 N., and long. 80 407 and 99 307 E.; having S. St. Gall, W. Zurich and Schaffhausen, and N. and E. the Rhine and the lake of Constance. Area estimated at 268 sq. m. Pop., in 1800, 88,908; this being, with the exception of Geneva, the most densely peopled of the Swiss cantons. Thurgau, though it cannot be called mountainous, has a very pueren surface, consisting of low hills interspersed with narrow valleys. The canton derives its name from the Thur, which traverses it about its centre; next to which, the principal rivers are the Murg and Sitter. Agriculture is the principal occupation of the inhabs., and though the soil in certain parts requires a great deal of manure, Thurgau may, on the whole, beconsidered one of the most fertile cantons of the confed. There are extensive vineyards over nea

in the canton. The male peasantry generally dress in woollens, the females in light cotton stuffs. The commercial interests of the canton are said to have been injured by the Prussian league; at all events the linen and cotton goods sent into Germany are much less now than formerly. Nearly one third part of the inhabs are more or less engaged in manufacturing labour, principally in weaving cotton and linen fabrics, and spinning flax. The manufacture of tinen is, however, declining, and its annual value is not now supposed to exceed 8,000%, year. From 3,000 to 5,000 looms are employed in weaving cotton goods, the chief depots for which are St. Gall and Zurich. Weavers' wages range from about 7d. to 1s. fd. a day. There are some rather extensive establishments for cotton printing, the prints being sent chiefly to the Levant. Sliks are manufactured for the French markets; and a good deal of the packing canvass sold in Basie, Zurich, &c. is made in Thurgau.

The government, revised in 1831, is democratic. The great council of 100 mems., which has the sole legislative power, consists of the representatives of the 32 circles, into which the canton is divided, elected by all the citizens above 25 years of age who pay taxes on property to the value of 200 florins, and are not paupers, or otherwise disqualified. The great council assembles

twice a year, for 15 days at a time, unless its sessions be prolonged on special account; it is wholly renewed every two years, half the mems. going out yearly. The executive duties are intrusted to a council of 6 mems., who must be 30 years of age, and who hold office for 6 years. Two landammans are chosen annually, and preside for 6 months alternately in the great and little council. Each commune has its own council, composed of the syndic or mayor, and 4 other mens, and its nolice, and Each commune has its own council, composed of the syndic, or mayor, and 4 other means, and its police, and petty civil tribunal. There are courts of original jurisdiction in each of the 8 districts of the canton, and a supreme court of appeal, in Frauenfeld, the cap. In 1837, about 72,000 of the inhabs, were Protestants, and 18.500 R. Catholics. Public education is very widely diffused. Public revenue, in 1834, 157,930 florins; expenditure, 107,930 do.

As carly as the 5th contray Thursan was governed by

18,500 K. Catholics. Public education is very wisely diffused. Public revenue, in 1834, 157,920 florins; expenditure, 107,920 do.

As early as the 5th century Thurgau was governed by its own counts. It afterwards passed to the dukes of Zaehringen, and the counts of Kyburg; and, in 1954, to the house of Hapsburg. In 1460, it was conquered from the latter by the confederated Swiss cantons, and governed by their balliffs or prefects till 1798. It was then constituted a separate member of the confed, in which it now holds the 17th place, furnishing a rontingent of 152 men to the confederate army. (Prophafer, Der Kant. Thurgas; Bourring's Rep. on Switzerland; Picot Statist. de la Suisse; Ebel, &c.)

THURLES, an inland town of Ireland, prov. Munster, co. Tipperary, on the Suir, 77 m. S.W. Dublin. Pop., in 1841, 7,723. The river intersects the town, the communication between its different parts being maintained by a bridge. The public buildings comprise a fine Rom. Cath. chapel, which serves for the cathedral of the see of Cashel, a Rom. Cath. college, 2 nunnerles, with chapels annexed, a market-house, a court-house and bridewell, and a barrack. Mr. Inglis speaks favourably of Thurles. "It cuts," says he, "some figure at a distance, owing to the new and very handsome Rom. Cath. chapel, and the unfinished Rom. Cath. college. The town stands on a wide, scantily wooded, uninteresting plain. It contains about 7,000 inhabs., and is tolerably prosperous; for, having no larger town nearer to it than 40 or 50 m., it supplies an extensive interior district, and is besides an important market for country produce. There are no fewer than 15 annual fairs and 2 weekly markets held at Thurles. I saw scarcely any beggars in the place, and the cabins in the outskirts were not of the worst kind. There are two nunneries; in one of which are 20 nuns and 60 boarders: there is also an excellent Rom. Cath. school belonging to the Rom. Cath. institution. I observed no shope to be let, and saw several houses in the course of being built. Lan

and 60 boarders: there is also an excellent Rom. Cath. school belonging to the Rom. Cath. institution. I observed no shops to be let, and saw several houses in the course of being built. Land lets very high in the neighbourhood." (i. p. 107.)

General sessions are held twice a year; petty sessions on Saturdays: it is a constabulary station. Markets on Tuesdays and Saturdays. Fairs on Easter Monday, Aug. 21., Dec. 21., and first Monday of every month. Post-office revenue, in 1830, 452.; in 1835, 560. Branches of the National and Agricultural Banks were opened in 1835 and 1836.

office revenue, in 1830, 4021; in 1835, 3660. Branches of the National and Agricultural Banks were opened in 1835 and 1836.

THURSO, a sea-port town of Scotland, N. shore, co. Caithness, on the Pentland Frith, at the bottom of Thurso Bay, between Dwarrick Head on the E., and Holburn Head on the W., at the point where Thurso river (here crossed by a handsome bridge) falls into the bay, \$\frac{3}{2}\$ m. S. W. Dunnett Head. Pop., in 1841, 2,510. It is irregularly bulk, and rather Ill paved; but is the suburbs are some neat freestone houses, and the church, built, in 1832, at an expense of 6,0000. Is a handsome structure: it has also a meeting-house for original seceders, an independent chapel, and several schools. A short way to the E. is Thurso Castle, the seat of St. George Sinclair, Bart., proprietor of the town. Though the most northerly post town of Great Britain, it has a daily communication by a mail coach with inverness and the south, and it communicates by regular traders and steamers with Leith, Wick, &c. There is a harbour at the mouth of the river for the accommodation of vessels drawing 12 ft. water; and ships of any burden may anchor on the W. side of the bay, in Scrabster Roads, under cover of Holburn Head. At present (1843) alout 15 vessels belong to the port. A little straw plait is manufactured in the town; and it has also a rope-walk and some tanneries. The town has 3 magistrates, appointed by the Sinclair family, the superiors of the bor. On the whole, the town may be regarded as in a nearly stationary state; and its progress has been by no means commensurate with the sanguine expectations of its to obvious, indeed, that the poor and thinly peopled country in its vicinity, and the nature of the remote and dangerous frith on which it is placed, are all but insuperable obstacles to its ever becoming of any considerable importance. (New Statistical Account of Scotland, art. Thereo.)

TIBER (an. Tibris, Ital. Tevere), the most celebrated though not the largest river of Italy, rises in the Tuscan

180 m. It is said to have been anciently navigable for vessels of considerable burden as far as Rome, and for small boats to within a short distance of its source (Dion. Hal., iii. 44.; Strab., v. 218.); and it still continues to be navigable, in certain seasons, as far as the confluence of the Nera; 28 m. N. N. R. Rome; but its navigation is at all times difficult, especially at its embouchure, and in the vicinity of Rome, and requires continual attention. The entrance of the river from the sea, and its subsequent navigation, are, in fact, so troublesome, that the harbour of Ostia, at its mouth, was relinquished in antiquity for that of Centum-cellæ, now Civita Vecchia, which still continues to be the port of Rome, though it be considerably more than twice the distance of Ostia from the city, with which it is connected merely by a road. (See the articles Civita Vuccilia and Osta in this work.) Its principal tributaries are the Topino, Nera, and Teverone from the E., and the Nestore, Chiana, and Nepl, from the N. and W. By the Chiana, it communicates with the Arno. Besides Rome, Borgo San Sepolero, Citta dei Castello, Fratte, Orto, Otricoli, Bigliano, and Ostia, are on its banks, and Perugia and Orvicto in its immediate vicinity. In antiquity the Tiber divided Etruria from Umbria, and the territories of the Latins and Sabines: at present it separates the delegs, of Spoleto and Rieti from the delegs, of Viterbo and the Comarca di Roma.

Notwithstanding its immortality of renown, its banks and the Comarca di Roma.

and the Comarca of Roma.

Notwithstanding its immortality of renown, its banks are not generally picturesque, and at first sight it generally disappoints strangers. It is muddy, and during the floods, to which it is very subject, verifies the description of Horace:

" Vidimus flavum Tiberim, retortis Litore Etrusco violenter undis ; Ire dejectum monumenta regis."

04.1.1.

But at other times it flows with a comparatively gentle current:

at: —

"Ad terram Hesperiam venies, ubi Lydius arva,
Inter opima virum, leni fluit agmine Tibris."

Æneid, ii. v. 781.

"Ad terrum Hesperian woites, abl Lydius arva, Inter opima virum, leni fluit sgmines Thria."

Esseid, il. v. 781.

It was anciently called Albula, and this name, as well as the epithet Jassus, given it by Horace and other writers, was no doubt derived from the yellowish hue of its waters, discoloured by the mud with which they are loaded. "Some travellers, measuring its mass of waters by its bulk of fame, and finding its appearance inferior to their preconceptions, have represented it as a netty and insignificant streamlet. However, though far inferior in breadth to all the great rivers, yet as it is generally, from a few miles above Rome to the sea, about 300 ft. wide upon an average, it cannot, with justice, be considered a contemptible rill." (Eustace, ii. 210., 8vo. ed.). And a much higher authority than Eustace, Mr. Maclaren, says, that though the Tiber at Rome be not so wide as the Clyde at Glasgow, "it is deeper, and has certainly a larger volume of water." (Notes of a Tour, 188.) "Above and below the city it runs through groves and gardens, and waters the villas and retreats of the richer Romans; but beyond Poste Molle it rolls through a long tract of plains and hills, fertile and green, but uncultivated and deserted. Yet these very banks, now all silence and solitude, were once, like those of the Thames, covered with life, activity, and rural beauty, lined with villages, and not unfrequently decorated with palaces. Pluribus prope solus quam celeri in omasibus terris amnes accolitur aspiciturque villis. (Plin. Hist. Nat. 11b. ili. 5.) Below the city, when it has passed the Villa Maltiana, it falls again into a wilderness." (Eustace, ubi supra.) It terminates in a marshy pestiferious tract, its two arms inclosing the Isola Sacra of the ancients. (See anté, Rouxe, p. 593.; Cramer's Anc. Italy, i. 240.; Matthews; Dier, Diet. Geog., &c.)

Tie Brik (vulg, TERRA) DEL FUEGO. "The Land of Fire," so called from its apparent volcanoes by its discoverer Magglelan, or Magalhaens, a large island, or rather group of i

perpetual snow. Slate is abundant, but hornblende is said to be the prevailing rock here and in all the ad-

* Mr. Matthews (Diery, &c., p. 78.) says, at the Ponte S. Angelo, in Rome, the breadth is about \$112 English feet. This is the narrowest point. At the Ponte Molle, the breadth increases; and 2 m. above Nome, the Tiber is nearly twice as broad as within the walls.

Apennines, about 5 m. N. Pieve San Stefano, and has a general S.S.E. course to within 20 m. from Rome, when it turns S.W., and enters the Mediterranean by two mouths, 17 m. below that city, after a course of about 150 m. It is said to have been anciently navigable for vessels of considerable burden as far as Rome, and for residence of considerable burden as far as Rome, and for small boats to within a short distance of its source (Dion. Hal., iii. 44.; Strab., v. 218.); and it still continues to be navigable, in certain seasons, as far as the confluence of the Nera; 28 m. N.N.E. Rome; but its navigation is at all times difficult, especially at its confluence of the Nera; 28 m. N.N.E. Rome; but its navigation. The entrance of the river from the sea, and its subsequent navigation, are, in fact, so the sea, and its subsequent navigation, are, in fact, so troublesome, that the harbour of Ostia, at its mouth, was relinquished in antiquity for that of Centum-cellies, and its subsequent navigation, are, in fact, so the sea, and its subsequent navigation, are, in fact, so the sea, and its subsequent navigation, are, in fact, so the sea, and its subsequent navigation, are, in fact, so the sea, and its subsequent navigation, are, in fact, so the sea, and its subsequent navigation, are, in fact, and the Nestore, though it be considerably more than twice the distance of Ostia from the City, with which it is connected merely by a road. (See the articles Civita Vecchia, which still continues to be the port of Rome, though it be considerably more than twice the extremittee are a very small low forebead, prominent brows, small eyes, wide nostrils, irage mouth, the like in the still continues to be the port of Bone and the Nestore. They go nearly naked, but smear to were their bodies with various substances; live in wigyams made of the trunks of trees, and subsist distance of Ostia from the N. and W. By the Chiana, and Nepl, from the N. and W. By the Chiana, and Nepl, from the N. and W. By the Chiana, and Nepl, from the N. and ever, they would appear to be decidedly below many of the lower animals in respect of comfort, and to be but little above them in sagacity and invention. Their language is and to present many affinities with the Araucanian. (For further and numerous particulars we refer the reader to the Foyages of the Adventure and Beagle; Cook; Weddell, &c.) TIGRIS. See EUPHRATES. TILBURG, a town of Holland, prov. N. Brabant, cap. caut. in the arroud. of Bois-le-Duc. near the Lev. 134 m.

ant. in the arroad of Bois-le-Duc, near the Ley, 13 m. S. W. Bois-le-Duc. Pop. about 11,000. This is decidedly the best built rown in the prov., though, from lying out of any great road, it is little visited by travellers. It has 3 churches, a chapel, and a handsome castle; and has very extensive fabrics of fine and coarse woollen cloths, cassimeres, &c. It sends 3 deputies to the provincial

states.

Til.SiT, a town of the Prussian states, prov. Prussia, reg. Gumbinnen, cap. circ. on the Niemen, or Memel, where it is joined by the Tilse, 60 m. N. E. Konigsberg. Pop., in 1838, 11,179. It consists principally of a long and wide street, with a few good-looking houses. The Niemen, which is navigable up to the town, is here crossed by a bridge of boats, 1,150 ft. in length. The exports consist of timber, corn. hemp, flax, provisions, wax, leather, &c., sent down the river in flat-bottomed houst, for shipment at Memol. wax, jeatner, ac., sent down the river in nat-outomed boats, for shipment at Memel. The cutting of the canal of Oginsky has, by uniting the Niemen with the Dniepr, effected a communication between the Balick and the Black Sea. It has an old castle, several churches, a royal gymnasium, hospital, and board of taxation, with manufactures of woollen cloth, hosiery, gloves, leather,

manufactures of woollen cloth, hoslery, gloves, lesther, hardware, &c.

This town is famous in diplomatic history for the treaty signed here on the 7th of July, 1807, by France, Russia, and Prussia. The conferences that led to this treaty were held between Napoleon and Alexander, who met, for the first time, with great pomp and ceremony, in a raft moored in the middle of the Niemen, on the 25th of June.

TIMOR (THE EAST), an island of the B. Archipe lago, 2d division (Crawfurd), principally belonging to the Dutch, between the 123d and 128th degrees of S. lat. and the 13th and 15th degrees of S. lat. and the 13th and 15th degrees of E. long., 100 m. S.E. Floris, and 260 m. from the N.W. coast of Australia. It extends obliquely from N.E. to S.W., its length being estimated at 250 m., and its average breadth at 35 m. Horschelmann, in his edition of Stein's Handbuck, estimates its area at about 8.800 a.m. and its average breadth. Horschelmann, in his edition of Stein's Handbuck, estimates its area at about 8,800 sq. m., and its pop. as 800,000. The natives of the interior are Papuan negroes; the coasts are inhabited mostly by Malays, Chinese, Dutch, and Portuguese, the latter possessing the town of Dilli, on the N.E. side of the island. Surface mountainous, but without volcances. Its rivers are small; and the soil is, upon the whole, not particularly fertile. Sandal-wood and wax are the most valuable products about 1000 cmt a very of the first were for fertile. Sandal-wood and wax are the most valuable products; about 10,000 cwt. a year of the first were formerly exported to Java. The natives cultivate rice, maize, millet, yams, sweet potatoes, and cotton; rice and maize, with the sugar of the lontar paim, and sago, are their principal articles of food. Gold is found both in grains and large pieces; but the aborigines are said to have a strong aversion to search for it, and once massacred a party of Dutch, sent inland to collect the metal. The imports are rice, arrack, sugar, tea, coffee, betel nut, and Chinese, Indian, and European manufactures; the duttes on the trade have been said to suffice for the keeping up of the Dutch establishments on the Island. The Dutch fixed themselves at Coepang, on the S.W. coast, in 1630; but we learn, from recent accounts, that they have now all but abandoued Timor for Sandal-wood Island, about 200 m. more, to the W., which abounds with fertile and grassy plains; and where the

and bed-rooms. But within and without the town are many straw buts of a circular form, serving se lodgings for the poor and for slaves, who sell merchandise for their masters. The streets are said to be clean, and sufficiently wide to allow three horsemen to pass abreast. It has servin mosques, two of the largest of which have walls about 15 ft. in height, and are each surmounted by a tower. It is chiefly inhabited by negroes of the Kis-seur nation; but it is also the residence of a consi-derable number of Moors, who carry on the trade of the town, and who leave it as soon as they have accumulated a little property. The inhabitants are sealous Moham-medans.

medans.

The trade of Timbuctoo, though much exaggerated, is considerable, it being a station for the caravans between N. Africa and the Soudan, or Nigritia, and also a dipid for their produce. Salt is, however, the staple merchandise of the place. This important article, which is wholly wanting in Soudan, is brought from the mines of Towdsyni, in the desert, about 385 m. N. from the town, being conveyed thither in the form of cakes on the backs of canets. In addition to salt, the caravans from the Barbary States bring dates, stuffs of European manufacture, with fire-arms, gunpowder, hardware, glass the Barbary States bring dates, stuffs of European manufacture, with fire-arms, gunpowder, hardware, glass ware, coral, tobacco, paper, and other articles, which they exchange for slaves, gold-dust, ivory, ostrich-feathers, palm-oil, gums, &c. Owing to the sterility of the surrounding country, all the provisions required for the use of the town have to be brought from Jenné, on the Niger, about 300 m. 8,8.W. Timbuctoo. These are conveyed by an arm of the river to Cabra, whence they are carried by camels, about 3 m., to the town. Jenné, are carried by camels, about 3 m., to the town. Jenné, according to Calilié, is a more important, richer, and more commercial town than Timbuctoo. The Touarika,

are carried or cames, about s in., to the town. Jenns, according to Caillié, is a more important, richer, and more commercial town than Timbuctoo. The Touarika, a warlike and savage tribe, on the banks of the Niger, exact heavy duties on silt the commodities imported into Cabra, and occasionally commit extensive outrages. Timbuctoo is governed by a negro governor or prince; who receives presents, but imposes no duties either on the inhabs. or the products brought to the town. The government is, in fact, patriarchal, and the prince is said, by Caillié, to be mild and just. The slaves, of whom there are great numbers, are well treated.

Timbuctoo is said to have been founded a. D. 1913, and to have soon after become the cap. of a great Moorish monarchy (Walckmer, Rechérches Geographiques, p. 14.); and since it ceased to enjoy this distinction, its trade, as well as its importance, is believed to have greatly declined. But it is not at all likely that a town in such a situation should ever have been the cap. of any considerable state; and we are inclined to think that he accounts of its ancient have but little better foundation than those of its modern prosperity. We have elsewhere endearoured to show, that the commerce of which Timbuctoo is one of the centres depends on natural causes; and that it will, most probably, continue to be carried on in time to come in the same way in which it has been carried on from the remotest period down to the present day. (See vol. i. 31.) Ritter, who has collected and discussed the different accounts of Timbuctoo published previously to that of Caillié, has rangerated alike its importance and its trade, and has farther indulged in some rather funciful apeculations as to the increase of the latter. (Geography of Africe, Fr. trans., ii. 8i—112.) It would, indeed, he easy to show that the barbarism of Africa depends on natural and permanent, and not on artificial or accidental circumstances;

colonists are much less likely to be disturbed by the hostility of the natives.

About 300 m. N.E. Timor is Timor Lant, an island 70 m. in length, by about 35 m. average breadth. Little, however, is known as to the state of this island. (Habitanian States of the siland.)

TIMBUCTOO, or TOMBUCTOO, a town of Central Africa, on the S. border of the great desert of Sahara, about 8 m. N. from the Ioliba. or Niger, but near one of its arms or tributaries, in about ist. 170 50′ host arms or tributaries, in about Paimacottah, towards the extremity of the peninsula, the country becomes sandy and bare, covered in general with Palmyra topes. Towards the E. coast, and all round to the S., there are several hills of red sand, with which the atmosphere is often darkened during the windy season. Close to the sea beach, all along from Tutacorin to Cape Comorin, the small villages are inhabited by fishermen, who are all Christians, and several Roman Catholic churches are situated close to the sea." (Madras Almanaca)

who are all Christians, and several Roman Catholic churches are situated close to the sea." (Madras Almanac.)

Timovelly is intersected by many winding rivers, which are supplied with water by both monsoons. The climate of some parts is remarkable. In the N. it is similar to that of Madura, but in the mountains on its W. side are several openings or passes, which, while the rest of the country on the B. side of India is parched up with heat, admit the cool winds prevailing at that period on the Malabar coast. The chief of these is the Arungole pass, near which is Kotallum, a place of great resort far Europeans, on account of its bracing climate.

Rice and cotton are the chief products of this district; the last, which is of the Bourbon-variety, is grown of a superior quality. Many fruits, roots, and greens are cultivated, but some of the most common Carnstic products are neglected, and in unfavourable seasons rice is imported from Travancore. While Ceylon belonged to the Dutch, an attempt was made to establish spice plantations in Tinnevelly, and cinnamon, nutmegs, &c., were planted, but on our acquiring possession of Ceylon these attempts were abandoned. Tinnevelly is assessed under the village system, but for a lengthened period great fregularities attended both the assessment and collection of the revenue. (See Rep. on E. I. Gaz.) Great improvements have, however, been effected in these branches of late years, and in 1837-8, the total revenue of the district amounted to 24,15,106 rupees.

Tinnevelly is subdivided into Il salosts or circles. Its chief towns are, Tinnevelly, the cap, and residence of the collector and judge, in about lat. 80 48'N., lon. 780'l' R.; and Palmoottah, the head military station, about 5 m. to the E., where a good many long cloths, silks, muslims, &c., are made for exportation to Madras and elsewhere. Iron is forged and saltpetre obtained in many parts of the district. The inhabs. of Tinnevelly appear to live in greater comfort than those of the neighbouring districts, and their dwel

and their dwellings are mostly well constructed. Meakars medans are few, and the primitive Hindoo manners sad customs are scarcely anywhere seen in greater purity. (Madvas New Almanac; Parl. Reps., &c.)

TIPERAH, a district of British India, presid. Bengal, between lat. 33° and 94° 36° N., and the 91st and 98d degs. of B. long., having N. Sylhet. B. the Munaspoor territories, S. Chittagoog and the see, and W. the Brahmaputra, separating it from the distr. of Dacca. Area, 6,830 eq. m. Pop., in 1833, 1,372,260. This district yields cotton, rice, and betel nut of a very superior quality. Elephants of large size are found in the forests; and in the S. sait is manufactured. The coarse cotton goods, baftsee, cosases, &c. made here are durable and substantial, and were formerly exported in large quantities by the E. I. Company and by private merchants. The inhabe, are similar in most respects to those of the adjacent districts beyond the Brahmaputra, though the upper classes have adopted many Hindoo usages. In respect of public education Tiperah appears to be extremely backward. It was acquired by the British in

Total land revenue (1829-30) 810,417 rupees.

1705. Total land revenue (1829-30) \$10,417 rupees. Parl. Reports, \$6:)

TIPPERARY, an inland co. of Ireland, prov. Mun-ster, having N. the Shannon, by which it is separated from Galway; E. King's County, Queen's County, and Kilkenny; S. Waterford; and W. Cork and Limerick. Area, 10,31,73 acres, of which 182,147 are unimproved mountain and bog, and 11,328 water. The mountainous districts are in the S. W. Adjoining Waterford and Cork, in the S.E. angle, is Sliebhnaman Mountain; and a chain of reconstructions. in the S.E. angle, is Sliebinaman Mountain; and a chain of mountains runs across the co. from Limerick to King's County. The bog is mostly a portion of the great bog of Ailen. With these exceptions, Tipperary consists principally of extensive and fertile plains, with a calcareous subsoil, forming as rich land as is to be met with in any part of the empire. Some very large estates, but many of a moderate size. Tillage farms generally small, and mostly held under middle-men. The con-acre system is very prevalent in some parts of this co., as it is indeed in most cos. of Ireland, though it be carried to the greatest extent in Connaught. By con-acre is meant a pernicious custom prevalent among the landlords and occupiers of extent in Connaught. By cou-aere is meant a pernicious custom prevalent among the landlords and occupiers of the larger class of farms, of letting to the peasantry, or cottiers, small slips of land varying from a perch to halt an arre, for a single season, to be planted with potatoes or cropped. Old grass-land is frequently let out on this system; and then it is usual to allow the surface to be pared and burned! The rent of this land is enormous, running from 7t. to 12t. or 13t. an acre! Potatoes are invariably planted on con-acre land when it is broken up from grass; and afterwards it is usual to take from it successive crops of corn. Wherever this practice exists, from grass; and afterwards it is usual to take from it successive crops of corn. Wherever this practice exists, there cannot, of course, be the least improvement; and nothing but the extraordinary fertility of the soil could enable it to produce any thing under so destructive a system. But, despite the prevalence of con-acre, some considerable improvements have been effected of late years, in the introduction of improved implements and becomes during the control of t years, in the infroduction of improved implements and improved stock, the extension of green crops, &c. Grazing, however, was formerly, and still is, the principal employment in Tipperary. The native Irish breed of long-horned cattle attain to a very large size, and are found in the greatest perfection in this co. Many thousands are annually exported. There are also many fine flocks of long-woolled sheep. Average rent of land, 17s. 8jd. an acre. Unfortunately, the condition of the peasantry, instead of being improved with the improvements that are admitted to have taken place in agriculture, is, on the contrary more degrees on one than at any former periods. are admitted to have taken place in agriculture, is, on the contrary, more depressed now than at any former period; and, in consequence, they are extremely turbulent, and agrarian outrages are probably more frequent in this than in any other Irish co. The manufacture of broad cloth was formerly carried on to some extent at Carriek, but is now wholly relinquished. Tipperary has copper and lead mines, coal, alate, &c. Exclusive of the Shannon, the principal river is the Suir. It contains 10 baronies and 186 pars., and returns 4 mems. to the H. of C., 2 being for the co., and 1 each for the bors. of Clomnel and Cashel. Registered electors for the co., in 1849-50, 8,705. In 1841, Tipperary had 66,384 inhab. houses; 7,4,570 families; and 435,553 inhabs., of whom 216,550 were males, and 218,903 females.

Tippsakary, an inland town of Ireland, prov. Munster,

houses; 74,570 families; and 435,583 inhabs., of whom 216,550 were males, and 218,903 females.

Tippenkan, an inland town of Ireland, prov. Munster, cap. of the above co., near the Arra, an affluent of the Suir, 23 m. S.E. Limerick. Pop., in 1841, 7,570. It is well paved and cleaned under the superintendence of commissioners, and is, for an Irish town, pretty well built. "Tipperary," says Inglia, "Is most agreeably situated, in a fine undulating smiling country, and within a few miles of a beautiful range of hills, which divides the cos. of Tipperary and Limerick. Tipperary, though inconsiderable in size to bear the name of the co., is rather a flourishing town; and is what a mercantile traveller would call "a good little town." There is no town westward nearer than Limerick, and there is, consequently, a busy retail trade, the result of country wants. There is also a good weekly market, which makes Tipperary the depôt of agricultural produce for a range of 12 or 15 m. round. But, notwithatanding the better circumstances of the tradesomen, I found the condition of the labouring classes little better than elsewhere. Wages were only \$d.\$a. day, without diet, and there is nothing approaching to constant employment for the population. Enormous rents, varying from 22. 10s. to 4t., are paid for wretched cabins in the suburbs." (i. p. 120.) Tipperary has a parchurch, a Rom. Cath. chapel, a Methodist meetinghouse, schools on the foundation of E. Smith, a markethouse, a barrack, and a bridewell. Petty sessions are held on Thursdays. A chief police magistrate resides here. Markets on Thursdays and Saturdays. Fairs, April 5., June 24., Oct. 10., and Dec. 10. Post-office revenue, in 1830, 7204.; in 1836, 1,0661. Branches of the National and Agricultural Banks were opened in 1835. TIRHOOT (native Trabhucti), a district of British India, presid. Bengal, prov. Bahar, between lat. 25° and 70° E.; having N. Nepaul, E. Purneab, W. Sarun, and S. Bhaugulpore and the Ganges,

which separates it from the districts of Bahar and Patna. Area, 7,723 sq. m. Pop., in 1822, 1,697,700. The surface is undulating and well watered; the climate is more bealthy than that of the districts more to the S. In the N. there are extensive tracts of waste land, but Tirhoot generally is well cultivated, principally in consequence of the number of British settlers. Mr. Robertson says.—
It is impossible to look on this district without being struck with its high state of culture, and the quantity of forest land which has been brought under the plough, which would probably not have been but for the funds of the indigo planters, who raised indigo on the ground which had been previously given up to corn." (Evidence before the Lords, 1830.) Tirhoot is one of the principal districts in India for the growth of indigo; besides which, sugar, opium, tobacco, turneric, ginger, rice, &c., are itschlef vegetable products, and great quantities of salt-petre are procured from the soil. It also supplies great numbers of cavalry and other horses. Timber abounds in the N., but is of little utility from the absence of roads and the shallowness of the rivers. Total land-revenue, in 1829-30, 1,560,563 tupees. Tirhoot appears to have formed an independent Hindoo principality till 1237. It was annexed to the crown of Delhi in 1325, and acquired by the British in 1765. (Hausthow's E. I. Gaz., gc.)

TIRLEMONT (Flemish Thickes), a town of Belgium, prov. S. Brabant, arrond. Louvain, 11 m. S. E. from the dity of that name. Pop., in 1842, 8,975. Its extensive, but now dismantled walls enclose a large extent of round not built on, with a large square, in which is the ancient town hall, church, &c. It has manufactures of round not built on, with a large square, in which is the ancient town hall, church, &c. It has manufactures of round not built on, with a large square, in which is the ancient town hall, church, &c. It has manufactures in Brabant; but being repeatedly taken and retaken by the Spaniards, French, and Dutch, in the 17th an

centuries, it suffered greatly in consequence. It sends 2 deputies to the prov. states, and 2 others are sent by its districts.

TITCHFIELD, a market-town and par. of England, co. Hanta, div. Fareham, head. Titchfield; on the Titchfield river, near the mouth of Southampton Water, 74 m. E.S.E. Southampton. Area of par., 15,960 scree. Pop. in 1841, 4,030. The town is small, but well built, and is the residence of many families of respectability. A part of the church is said to have been built by William of Wykeham, in the 14th century, and other parts are still more ancient. The living, a vicarage worth 968.1 a year, is in the gift of H. P. Delme. Eq. There is an independent meeting-house, and a charity school for 34 children. Near the town are the remains of Titchfield House, in which Charles I. took refuge after his secape from Hampton Court, in 1647, built by the first Earl of Southampton, ou the sits of a former Premonstratensian abbey; but the mansion is now nearly dispidated, the entrance gateway and the stables being the only extant remains. Titchfield gives the title of marquis to the Bentinck family. Markets, on Fridays. Fairs, Mar. 9., May 14., Sep. 25., and Dec. 7.

TITICACA (LAKE OF). This lake, the largest and most elevated of the S. American continent, is partly in that of Peru: being enclosed by the Cordilleras S. of the tables and of Cuxeo, and extending chiefly between lat. 15° and 17° S., and long. 60° and 71° W., about 135 m. S.E. Cusco. Its outline is very irregular, being divided by a number of headlands into a main body, of an oblong form, and three subsidiary portions. Its area has been satimated by Mr. Pentiand at 4,000 sq. m. and its height above the ocean at 12,947 ft. It is said to be in many places nearly 500 ft. in depth. It contains many small mountainous islands, and from the largest, at its S.E. extremity, the lake has received its name, which signifies "the Leaden Mountain." This island is 3 leagues in length by in width, and about 1 m. from the shore. It is mostly uncultivated, b

found on the island.

The Lake of Titicaca receives several rivers, its only visible outlet being the Desaguadero, which flows S., and is soon afterwards lost in the Lake of Aullagas. Its waters, though not very potable, abound with fish; and sudden squalls and storms render its navigation rather dangerous. "The low banks of the lake are lined with rushes, which are here of great utility, being employed for almost as many purposes as the bamboo in the B.

The huts of the poor are made of rushes; as also mats for the floor, and bed covers. The boats used on the lake are also made of rushes twisted together; the rudder

and the mast only being of wood. These boats are frequently made with great taste and ingenuity; the larger venture to some distance from the banks of the lake, which, even in calm weather, is subject to a heavy swell." (Meyers, Reise sun die Brde.; Mod. Trav., &c.)

TIVERTON, a parl. and mun. bor., town, and par. of England, co. Devon, hund. Tiverton, on the Exc, where it is joined by the Loman, 13 m. N. by E. Exeter, and 154 m. W. S. W. London. Area of par, which is identical with the parl. bor., about 20,000 acres. Pop., in 1841, 9,838. The town is situated partly on the tongue of land between, and partly on the opposite banks of, the two rivers, each of which is crossed by a stone bridge. It is nearly I m. in length, N. E. to S. W., by about 5 fur. in its greatest breadth: it consists chiefly of several tolerably broad and well-paved streets, running N. and S. on both sides the Exe, and mostly joining Fore Street, the main thoroughfare, at right angles. The more narrow lanes and streets are S. of Fore Street. main thoroughfare, at right angles.

lanes and streets are S. of Fore Street.

Tiverton is lighted with gas, and watered by small streams from a branch of the Loman, called the Town leet. (Bound. Rep.) On an eminence between the rivers are the remains of the castle, a conspicuous object, occupying about an acre of ground. This fortress was erected in the reign of Stephen, and afterwards came into the possession of the Courtenays, Earls of Devon: in the civil wars it was garrisoned by the royalists, but siter a short slege was taken by Fairfax. The church, on an eminence near the castle, is reckoned the finest ecclesiastical edifice in the co., after Exeter cathedral. It has a tower 116 ft. in height, and is chiefly in the perpendicular style, though there are some remains of an earlier date, and an enriched Norman doorway. A chapel, built by a merchant named Greenway, in 1517, is a good example of the gorgeous style of ornament which chapet, built by a merchant named creenway, in 1517, is a good example of the gorgeous style of ornament which then prevailed. The ceiling is coved, and has tracery and rich pendants; like many works of that time, the design is better than the execution. The church has some rich screen-work. (Rickman's Gothic Archit.) In the new core surface, monuportal invertigation. some rich screen-work. (Rickman's Gothic Archit.)
In the nave are some curious monumental inscriptions;
and the pulpit, which was probably made about the time
of Charles II., is ornamented with the arms of many
Devonshire families painted in separate compartments.
The altar-piece is a rich painting of Peter delivered from

Tiverton consists of several ecclesiastical divisions Tiverton consists of several ecclesisatical divisions. Clare, Pitt, and Tidcome quarters, or portions, are all rectories, in the joint patronage of the Earl of Harrowby, Sir W. Carew, Sir R. Vivian, and the Rev. W. Spurway; the nett value of Clare rectory being 4521, of Pitt with Cove 6751., and of Tidcome 7351. a year. A handsome modern chapel-of-cease has been erected, at which each of the portionists officiates in turn. There are various meeting-houses, a spacious market-house built in 1830, a corn market, town-hall, bridewell, assembly and subscription reading-rooms, a peat theatre, &c.

a cori market, town-hair, brudeweit, assembly and sub-scription reading-rooms, a neat theatre, &c. Tiverton has numerous charities. A free grammar-school, in an ancient and venerable stone edifice, founded Tiverton has numerous charities. A free grammarschool, in an ancient and venerable stone edifice, founded and endowed by a rich clothler of the town, named Blundell, in 1604, has now an income of nearly 700L a year. It furnishes instruction for 150 boys, and sends 6 students to either of the universities, and it basliol college, Oxford; and it has 2 exhibitions of 20L a year each, besides other scholarships. Another free school was founded by R. Chilcott in 1611, and there are several minor schools of a similar kind. The almshouses for 9 poor men, founded by Greenway in 1529, have an income of nearly 200L, and the market trust money distributed to the poor by the corporation amounts to 326L a year. The aggregate income of the various charities of Tiverton is estimated by the charity commissioners at 2,600L a year. (Digest of Charity Reps.) The manufacture of lace employs from 1,200 to 1,500 people. The town was at one period famous for its baizes, serges, plain cloths, kerseys, and other woollen goods, and even as late as 1612 was regarded as the head manufacturing town in the W. of England; but its manufactures received a severe blow from a most destructive fire, which occurred on the 8th of August, 1612, tructive fire, which occurred on the 5th of August, 1612, tructive fire, which occurred on the 5th of August, 1612, from which it never fully recovered, and the introduction of Norwich stuffs, in the middle of the last century, completed its decline. At present the woollen manufacture employs only a few hands. The town supplies an extensive rural district, but its trade is not said to be increasing. In 1834, a few small houses of 5th or 6t. rent were the only class of buildings in progress in the town; and, on the whole, it may be said to be stationary. (Bound. Rep. and Mum. Corp. Appendix, 1.)

Tiverton is now divided into 3 wards, and is governed has a means. As the saidscreen and 18 councilium.

by a mayor, 5 other aldermen, and 18 councillors. It has a commission of the peace, and a court of record for civil actions to the amount of 100% is held once a fortnight. A

form Act. being vested in the corporation, consisting of 36 individuals. Reg. electors, in 1849-30, 443. Corp. revenue, in 1847-3, 1,534. Markets, Tues. and Sat. and a large cattle market on the 2d Tues. in each mo. Fairs, Tues. after Whituntide, and Sep. 29.

TIVOLI (an. Tibur), a town of the Papal States, comarca of Rome, on a steep ridge, on the Teverone (an. Asio), 18 m. E. by N. Rome. Pop. 6,000. In antiquity, Tibur was to Rome what Richmond is to London; but though in a magnificent and highly calubrious situation, the modern town is dirty and disagreeable, with narrow, steep, and ill-paved streets, and inferior houses. It has a cathedral and some other churches. Tibur or Tivoli, which is one of the most ancient cities of Italy, derives its entire interest from the classical associations connected with its ancient name, its scenery, and its remains of antiquity. The Teverone, coming here to the edge of the cliffs that separate its valley from the Campagna, is precipitated downwards in a series of cascades, the beauty of which has been admired from the age of Horace down to the present time.

"Me nec tam petiens Lacedermen, Nec tam Larieste percussit campus opimes, Quam donus Albunes resonantis, Et praceps Anio, et Tiburni lucus, et uda, Mobilibus pomaria rivis."

Her., lib. i. Od. vii. v. 10

In modern times, the upper or principal fall was, in a great degree, artificial, from the water having been pre-cipitated over an embankment that had been formed to cipitated over an embankment that had been formed to dam up the river. In 1825, however, one of those destructive floods that occasionally occurred in antiquity (Piis. Epist., lib. viii. 17.), as well as in our own times, swept away the whole of this embankment, along with a church and some contiguous houses, so that the upper fail was nearly destroyed; at the same time that a branch of the river which ran through the town was dried up. But new channels have been since cut, by which, we believe, the river has been again precipitated down a lofty fail.

In the court-ward of an inn in the town, overhanging

down a torty fall.

In the court-yard of an inn in the town, overhanging one of the cascades, is the classical ruin of a temple, supposed to be either that of the displic Tibertina or of Vesta, constructed in the reign of Augustus. This beautiful structure is a rotunda, 22 ft. 11 in. in diameter, beautiful structure is a rotunda, 22 ft. 11 in. In diameter, surrounded by an open portice of composite columns. Though exposed to the weather, without any roof or covering, it is better preserved than might have been expected. "It derives," says Rustace, " much intrinssement from its size and proportions, but it is not architectural merit alone which gives it its principal interest. Placed on the verge of a rocky bank, it is suspended over the praceps Ano, and the downs resonantic of the Naidas; Augustus and Mecenas, Virgil and Horace, have reposed under its columns; it has survived the empire, and even the language of its founders; and after 1,800 years of storms and tempests, of revolutions and barbarism, it still exhibits its fair-proportioned form to the eye of the traveller, and claims at once his applause and admiration." (Classical Tour, il. 222, 8vo. ed.)

ed.)
It may be worth while mentioning that an English
nobleman, the late Earl of Bristol, obtained permission
from the authorities at Tivoli to take down and carry

rom the authorities at Tivoli to take down and carry away this classical ruin, in the view of setting it up again in his park in England! Luckily the desecration was prevented by the interference of the Papal government. Near this temple are the remains of another, now forming a portion of the church of St George, and an ine in the town is supposed to occupy the site of the temple of Hercules, whence Augustus borrowed the treasure collected by the pulse of case. But headed by the pulse of case. But headed by the pulse of case. Hercules, whence Augustus borrowed the treasure col-lected by the plety of ages. But, besides these, little re-mains of the ancient Tibur. But though its temples and its theatres have crumbled into dust, its orchards, its gardens, and its cool recesses, bloom and Sourish in unfading beauty. The declivities in its vicinity were anciently interspersed with splendid villas, the favourite residences of the refined and luxurious citisens tavourne residences of the remand and maturous curseus of Rome. Among these may be enumerated the villes of Sallust, Meccenas, Tibullus, Varus, Atticus, Cassius Brutus, &c. The existing remains of what is supposed to have been the ville of Meccenas sufficiently attest its anhave been the villa of Maccenas sufficiently attest its an-cient magnificance; but probably the modern wills of Estense, erected in the immediate vicinity of the ruins, in the 16th century, by a Cardinal d'Esté, exceeds in ex-tent and grandeur that of the minister and favourite of the master of the Roman world! Horace, who has over and over again expressed his admiration of Tibur, is supposed to have had a villa in its vicinity, and some ruins in a delightful situation are pointed out as those of his resi-dence. But not vibitate admir the extension of Sustantia actions to the amount of 100. Is neith once a fortunging. A just with 6 cells was built about 35 years since. The Boundary Act made no change in the limits of the parl. and mun. borr, which, as already stated, are co-extensive with the par. Tiverton was incorporated by James I. who also conferred on it the privilege of sending 2 mems. the poet was not really master of a Tiburine villa, and to the H. of C., the right of election, down to the Re- in the groves and streams of Tiburne perv

Hor., 11b, iv. Od. il. v. 30.

may be explained by his frequent visits to the villas of Meccenas and his other friends.

Mescenas and his other friends. Such is the mutability of human affairs, that two convents, which raise their white towers above the dark green shade of the olive trees, are now the most striking structures in the neighbourhood of Tivoli; and that monks loiter away their worthless existence under the shades where Virgil and Horace elaborated their immortal works b'(Besides the works already referred to, see Gell's Topography of the Country round Rome, art. Tiber; Wood's Letters, ii. 61.; Matthews' Diary of an Invalid, no coa here.

Process of the W. I. islands belonging to Great Britain; in lat. about 11° 15° N., and long. 60° 40′ W., 16 m. N. E. Trinidad, and 89 m. S. E. Grenada. Area. 57,408 acres. Pop. 14,000. "It is 32 m. in length and 12 in breadth, on the N. extremity rugged and mountainous, and from the sea appears like a mass of dark abrupt precipiess. Towards the S. and W. the ground descends into a succession of conical hills and ridges of no creat elevation. which as they approach the sea, termiabrupt precipices. Towards the S. and W. the ground descends into a succession of conical hills and ridges of no great elevation, which, as they approach the sea, terminate in broken plains and low lands. The E. district is also mountainous. The soil in the valleys is generally a rich dark mould, and is well watered by numerous streams and rivulets. Cultivation being for the most part confined to a portion of the low lands near the sea on the S. side of the isl., the greater part of the interior is still in a state of nature, the high grounds covered with forests, the deep ravines choked up with vegetation, and the bottoms of the valleys, being very narrow and not possessing free drainage, generally of a wet marshy character. The climate and seasons here are much the same as at Trinidad, only rather more humid; but we possess no measurement of the quantity of rain which falls annually. In some of the low grounds, excluded from the influence of the breeze, the heat is described as being exceedingly oppressive, particularly at Scarborough, the cap., which lies at the foot of a hill on the S. side of the cap., which lies at the foot of a hill on the S. side of the heat is modified by a constant breeze, and the mean temp of the years does not exceed 79° Fall. On the average of the 20 years ending 1836, the mortality amounted to about 155 ner thousand of the of the year does not exceed 79° Fah. On the average of the 20 years ending 1836, the mortailty amounted to about 183 per thousand of the white, and 34 per thousand of the black troops annually, the former being nearly double the rate which prevails throughout the whole Windward and Leeward command. But as the climate has by no means affected the blacks in any corresponding degree, the deaths, on the whole, are considerably less than at most of the other stationa." (Tuilock's Report on the Health of the Troops in the W. Indies.) This island is beyond the range of the hurricanes; though Grenada, at so short a distance, is as subject to them as the rest of the Antilles. Tobago produces almost every kind of plant that grows

distance, is as subject to them as the rest of the Antilles. Tobago produces almost every kind of plant that grows in the Antilles, besides many common to the adjacent parts of S. America. It was formerly supposed to have given its name to the narcotic plant tobacco, now so widely diffused; but Humboldt has shown that there is no foundation whatever for this opinion, and that tobacco is a word of Mexican origin. (Nowells Espagne, iii. 50, 3d ed.) Indian and Guinea corn, pease, beans, figs, pincapples, and all kinds of tropical fruits, are grown, as well as potatoes, 'wans, carrots, turnius, onloss, manice, Sec. as potatoes, yams, carrots, turnips, onloss, manioc, &c. Horses, cows, asses, sheep, deer, &c., probably introduced by the Dutch, have multiplied greatly, and wild hogs are

very abundant.

The principal imports into the U. Kingdom from To-bago, during the three years ending with 1839, were

Articles and Quantities.	1847.	1848.	1849.
Sugar (unrefined) cwt.	69,240	53,490	47,312
Rum galis.	277,275	179,952	139,736
Molames do.	5,138	1,520	4,780

The total value of the articles imported into Tobago amounted, in 1847, to 51,0894. The exports from the U. K. to the island, in 1849, were only 14,8874. Revenue and expenditure about 8,0004. a year each.

and expenditure about 8,000% a year each.

Tobago has its governor, council of 9 mems., and ho, of assembly of 16 mems., whose powers are similar to those of Jamaica. It is divided into 7 pars. No. of pupils in the different public schools, in 1848, 1,636, of whom about 1,000 attended daily. The sum awarded by government, in 1835, for the manumission of slaves in Tobago amounted to 224,000%. This island, which was discovered by Columbus in 1498, was colonised first by the Dutch, and next by the Courlanders. It was ceded to Great Britain by France in 1763; but was retaken by the French in 1781, who retained possession of the island till 1738, since which it has belonged to England.

TOBOLSK. a very large government of Asiatic Russis, comprising a large portion of the basin of the great river Obl, or the country between the 50th and 73d degrees of N. lat. and the 60th and 80th of E. long., having E. the gov. Yeniseisk, S. that of Tomsk and the Kirghis territ., W. the govs. of Orenburg, Perm, and Archangel, and N. the sea of Kara, gulph of Obl, &c. The area may amount to from 990,000 to 1,000,000 sq. m.; and, in 1848, the pop. was estimated at 700,000. Except on its S. and W. frontiers, it is almost every where level, or but a slightly waving plain, though varying greatly in point of fertility. From lat. 38° or 60° to lat. 55° or 66°, the country is generally occupied by vast forests of fir and birch; from the woody region N. to the Arctic Ocean, the country, a low plain called the Twadra, is the most sterile imaginable, consisting of all but boundless moors and morasses, interspersed here and there with some stunted shrubs, and occupied by only a few Ostilak tribes, who subsist chiefly by fishing, and the chase of fur-bearing animals. Such is the severity of the climate, that this portion is usually covered with ice and anow for about 9 months of the year; and during the other months, ice is always found at a little distance below the unface.

months, ice is always found at a little distance below the surface.

Immediately to the S. of the woody region, or between about lat. 58° or 60° on the N., and 54° or 58° on the S., is the agricultural portion of the government, including extensive tracts watered by the Irtish, a part of the Ishim, and the Tobol. Though not generally fertile, this district comprises some very productive tracts, and it has a considerable number of towns, though few of them be of any great size. Even in this part of the government, the climate is very severe; for, though the summer heats be sometimes oppressive, they are but of short duration, and the winters are long and excessively cold. Rye, oats, barley, and buckwheat are the principal crops. Between the agricultural district and the mountains separating the government from the country of the Kirghizes is the very extensive tract called the Steppe of Ishim, from its being in part traversed by that river and its affluents. Except along the river banks, it is mostly sterile; and in extensive tracts the soil is covered with a salt efforescence.

extensive tracts the soil is covered with a salt efflorescence.

Iron and copper are extensively raised in various parts of the Oural chain; and gold and silver are produced both there and in the Altai. At Catherinenburg, Kolyvan, and Barnsoul, are extensive forges; and soap and tailow-works, tanneries, mat-manufactories, &c., are found in different parts: but the commerce of the government is of more importance than its manufacturing industry. Except the clergy, and persons in the government is of more importance than its manufacturing industry. Except the clergy, and persons in the government employment, all the inhabs, are more or less engaged in traffic, exchanging their sable and other furs, cattle, cassis, fresh and dried fish, and game, with the Russian traders for corn, flour, hardware, &c. The merchants of Tobolsk, Toumen, and the principal towns in the S. and W., send every summer boats laden with flour and other provisions, by way of the Irtish and Obi, to Beresov, and the other small towns in the N., which return with cargoes of fish, and with valuable furs, procured from the Ostiaks and other tribes. These furs are afterwards partly sent, with soap, tallow, and hides, to the fair at Nini Novgorod; partly to the Kirghiz, to be bartered for horses, cattle, and cotton goods, obtained through Bochars; and partly to Kiachta, on the Chinese frontier, where they are exchanged for tea, silk fabrics, and other Chinese products. The government, in common with the rest of Siberia, lies under the greatest disadvantages with respect to water communication; the frozen shores of its N. coast are inaccessible for the purposes of trade; and its rivers, though equal in magnitude to any belonging to the Asiatic continent, are covered with lee for the greater portion of the government is, as in the N. part of Europe, in sledges drawn by dogs or rein-deer.

Mr. Bell and Castain Cochrane agree in representing

conveying goods throughout a great portion of the government is, as in the N. part of Europe, in sledges drawn by dogs or rein-deer.

Mr. Bell and Captain Cochrane agree in representing the Tartar villages in the agricultural part of the government, as neat, clean, and comfortable. Their white plastered chimneys and ovens reminded the latter of his own country. The houses consist in general of one or two rooms. Near the hearth is an iron kettle, and at one end of the apartment a bench covered with mats or skins: on this all the family sit by day, and sleep by night. The walls are of wood and moss; a layer of moss between every 2 beams. A square hole is cut out for a window, and to supply the want of glass a piece of ice is often put in: 2 or 3 pieces will last the whole winter. They use no stoves, and have neither chairs nor stools. The furniture consists of a few earthenware utensils, and a set of tea-table appendages. The women never eat or drink till the men have done, and then seldom in their presence. (Mod. Tras., xvii. 322.) Owing to the thinness of the pop., and the immense distances between the different towns, education is very little diffused, and besides the schools in the cap. (see

post), there are, perhaps, hardly a dozen in the rest of the government. Except Tobolsk, the cap., and Tou-

the government. Except Tobolsk, the cap., and Toumen, there are no towns worth notice.

Toboles, a city of Asiatic Russia, the cap. of W.
Siberia, and of the gov. of its own name, and, indeed, of
the whole of N. Asia; on the Irtich, close to its junction
with the Tobol, lat. 56° 11′ 49″ N., long. 69° 6° 18″
E. Pop., in 1835, 18.379. The town proper is built
principally on the flat sammit of a hill commanding an
extensive view, and is surrounded by a strong brick
wall with square towers and bastions. When approached from the W. it has a remarkably fine appearance, and it really contains some good and solid buildextensive view, and is surrounded by a strong brick wall with square towers and bastions. When approached from the W. it has a remarkably fine appearance, and it really contains some good and solid buildings, most of the government offices, and the residences of the Russian and German settlers, being within the walls. Along the banks of the river are suburbs, inclosed by a ditch and palisade, and inhabited mostly by Tartars. Tobolsk had, in 1835, 18 churches, and 1,763 houses, of which only 25 were of stone. (Josewa & St. Paterzbourg.) The streets, which cross each other at right angles, are mostly paved with wood. Among its public edifices, the most remarkable are, the cathedral, in the Byzantine style of architecture, with 5 cupolas, the archishop's and governor's palaces, a monastery, and a large hospital. The climate in winter is very severe, so much so as sometimes to freeze mercury; and next to Yakutsk, Tobolsk is one of the coldest towns in Siberia: but the dress and houses of the inhabs. being fitted to resist its influence, it is not so disagreeable as might be supposed, and, in other respects, it is not an unpleasant residence. The rivers furnish an inerhaustile supply of fish, and provisions, fur, and game of all kinds are cheap and abundant; and shops, theatres, and places of public amusement are numerous. Being on the great road from Russia to China, it is well supplied with most European and Chinese goods; and French wines, English porter, and books of all kinds, are to be met with. Dobell says, "the society of Tobolsk may fairly stand a comparison with that of some of the best provincial towns in Russia." Among the inhabs. are many descendants of the Swedish officers, sent thither after the battle of Pultawa, to wbom Tobolsk is mainly indebted for its superior civilisation. This city, which was founded in 1587, is the residence of the governor general of W. Siberia, comprising the gove, of Tobolsk and Tomak: it has 2 societstatical, and several Lancestrian schools, and various charitable institut pean Russia, although persons banished to Siberia for political offences are sometimes permitted to reside in Tobolsk. (Mod. Trav., vol. xvii.; Ernan, Resis win die Erde; Dobell's Trav. in Siberia; Journ. de St.

for political offences are sometimes permitted to resume in Tobolsk. (Mod. Traw., vol. xvii.; Erman, Reise som size Erde; Dobell's Traw. In Sherie; Josan. de St. Peterebourg.)

TOCAT (an. Berisa), a town of Turkey in Asia Minor, pech. Sivas, on the Tosamiu, near its confluence with the Jezil Iranak (an. Irié), on the military road from Samsoom to Kharpost, 85 m. S.S.E. Amasia, and 55 m. N.N.W. Sivas, lat. 40° 7' N., long. 36° 30' E. Tocat would appear to have letterly declined rapidly in pop. and importance. Tournefort, by whom it was visited in the early part of last century, asys it was then much larger than Erzeroom; and he estimated its pop. at 30,000 Turkish families, with 4,000 Armenian, and 300 or 400 Greek do., which, on the most moderate hypothesis, would make an aggregate of above 120,000 inhab. We incline, however, to think, despite the high authority on which it is made, that this estimate must have been beyond the mark. At all events, the pop. was estimated by Kinneir, in 1810, at only 40,000; and according to Mr. irrant, by whom it was visited in 1830, it was then reduced to a pop. of 6,780 families (between 35,000 and 40,000 individuals), of which 5,000 were Turkish, 1,560 Armenian, 80 Rom. Cath., 50 Jewish, and 150 Greek. The position of the town is striking and singular, being built partly at the bottom, but principally on the declivities of two steep hills, on the side of the narrow valley in which it is situated. Tournefort says that the greater number of the bouses, which are mostly of wood, have two stories; that the streets are pretty well paved, and that the springs rising in the hills on which the town is striking and singular, being built are so numerous, that each house has its peculiar fountain. (Lettres, ii. 432.) According to the ame distinguished authority, it was, at the period of his visit, famous for its copper foundries, its Turkey leather, and that dye works; and was then also the centre of the commerce of Asia Miner. (Lettres, shi supra.) But Mr. Frant state that the manufact merous kname are supported its attuation, the climate at cortain seasons is oppressively hot; and it is then, also, apt to be unhealthy. With the exception of the mosques, Armenian churches, and khans, it does not appear to have any huikling of consequence. The valley, for have any building of consequence. The valley, for about 3 m. above the town is occupied by gardens and vineyards. According to D'Anville, Tocat occupies the site of the ancient Beries. (Toursefort, ii. 431—438.;

Kinneir's Asia Minor, 556.; Geographical Journal, vi

Kinscir's Asia Minor, 556.; Geographical Journal, vi 219., &c.)
TODMORDEN, a market-town and chapelry of England, partly in the par. of Rochdale, co. Lancaster, and partly in that of Halifax, co. York, 17 m. N.M.S. Manchester. Pop. 1841, 3,382. The inhabs, are principally employed in the manufacture of fustian, dimity, verteen, and other cotton goods, with woollen fabrics similar to those manufactured at Halifax and Rochdale, English and Rochdale, and Rochdale Canal, which passes by Todmorden, hea The Rochdale Canal, which passes by Todmorden, has greatly promoted its prosperity, which appears to have increased rapidly within the last 20 years. (Parl. Re-

facreased rapidly within the last 20 years. (**eva amports, &c.)

TOKAY, a town of Hungary, co. Zemplin, at the conductor of the Bodrug with the Theias, 113 m. N. E. by E. Pesth; lat. 48 7 12" N., long. 21° 24" 4" E. Pop., 3,500. It has a cathedral, a Lutheran, a Reformed, and a United Greek church, a convent of Plariata, and one of Capuchins, and was formerly defended by a castle demolished in 1705.

These derives its whole celebrity from its being the

demolished in 1705.

Tokay derives its whole celebrity from its being the catrept's for the sale of the famous sweet wine of the same name, made in the hilly tract called the Hegality, or submontine district, extending 25 or 30 m. N.W. from the town. The Tokay is produced by allowing the grapes to become dead-ripe; the finest quality, or essence, being that which flows from the grapes before they are trodden by the mere pressure of their own weight: the next quality (asubrāch) is that which is obtained by treading the grapes, with the addition of a certain quantity of swast, or juice derived from common grapes; the third and lowest quality (masslas) is that which is obtained by the application of a greater degree of pressure to the grapes, and the addition of a still larger quantity of swast. When new. Tokay wines are of a brownish yellow muddy colour, which, when very old, changes to a greenish time. The wine made in favourable seasons will keep for almost any length of time, and continues to improve with age. The wine made in favourable seasons will keep for almost any length of time, and continues to improve with age. The best qualities are extremely rich and luscious, but cloying; and, unless very old, too sweet for palates accustomed to austerer wines. The finest and oldset varieties of Tokay fetch immense prices, as much as 7 ducats a bottle having been paid for it! The best qualities are usually bought up for the imperial cellars; small quantities being sent as most acceptable presents to foreign princes and distinguished individuals. Asst. Nat. Encyc.; Henderson on Wines, p. 238.)

TOLEDO (an. Totessen), a celebrated city of Spain, formerly its metropolis, in New Castile, cap. prov. of its own name, on the Tagus, 38 m. S. S. W. Madrid, lat. 39° 52° 24" N., long. 4° 49° W. Pop., which in the 13th century is said to have amounted, though this, no doubt, is a gross exaggeration, to 300,000, is now reduced to about 15,000. It stands on a rocky hill, nearly environed by the river, and is encompassed by a wall flanked with about 150 small towers, built by the Moors. Internally, Toledo is acknowledged to be ill bulk, poor, and mean; with narrow, steep, and badly-paved

vironed by the river, and is encompassed by a wall fanked with about 150 small towers, built by the Moors. Internally, Toledois acknowledged to be ill built, poor, and mean; with narrow, steep, and badly-paved streets. But inglis says that, with the exception of Granada, its situation is the most striking of any is Spain. Its fine irregular line of buildings covers the summit and upper part of the hill, behind which, as approached from Madrid, the dark range of the Toledo mountains forms a majestic background. "Besides the numerous towers of its convents, churches, and stupendous cathedral—the metropolitan church of Spain—the outline is broken by other buildings of a more grotesque or more massive form; while, here and there, the still greater irregularity of the outline points to age too remote to have left to modern times any other legacy than their ruins." (Spain is 1830, 1.292.)

Down to the recent changes by which, as already seen (and?, 711), the Spanish ecclesiastics have been stripped of the greater portion of their enormous wealth, the revenues of the archbishop and clergy of Toledo were immense; and the pop. of the city consisted principally, in fact, of priests and friars, and their dependants. The resthedral, founded in 867, is in the same style as those of Saville, Burgos, Milan, Siena, and Bologna. Swinburne says that it is not to be compared with many we have is England; but it has attracted the admiration of most other travellers; and linglis says that, excepting the cathedral of Saville, it is the greatest and most magnificent of Gothic temples. (Spain, &c., i. 304.) According to Twiss, it is internally 384 ft. (Engl.) in length, 191 in breadth, and 107 in height. It has a tower and spire, but the latter is said by Swinburne to be in the style of the Plemish and German spires, a heap of blue turrets piled one upon another. The roof is sustained by 38 columns, which divide the church into five sities. The columns that run along the alses are 45 ft. in circ. There are 65 painted windows; and surr

Borgona; and among the paintings are (or at all events were) works by Rubens, Titian, Dominico Greco, Vandyke, Guldo, B. Caxes, Vincente Carducho, Bassano, and other masters of the first celebrity. The celling of the sacristy is painted in freeco, by L. Glordano, and has a picture of the Assumption, by Carlo Maratti. The pope and the king of Spain are always canons of this cathedral; and the revenue of its archbishop once amounted, it is believed, to little less than 100,000£ a year! The gold, silver, and jewels, the plunder of Mexico and Peru, preserved in the church, mostly escaped falling into the hands of the French. The archbishop carried away the more valuable articles to Cadis; those that remained in their places being redeemed for the comparatively trifling amount of 90 arrobas, or 2,350 lbs., of silver. Townsend says, that the treasures of the cathedral struck him with astonishment; and in 1830, lnglis was told that their total value amounted to upwards of 40 millions of ducats, or 10,000,000£, stering! We have little doubt, however, that had the generally intelligent, but sometimes credulous traveller, inquired into the fact, he would have found that the retics, so prectous in the estimation of the clergy, made up the far greater part of this enormous sum. We apprehend that any capitalist who should offer 1,000,000£, for all the gold and dilver that is at present, or that ever was in the cathedral, would make a very bad speculation.

The Alexar, once the residence of the Moorish and

speculation.

The Alexar, once the residence of the Moorish, and afterwards of the Castilian sovereigns, is the other principal edifice in the city. It is a noble pile of 3 stories, surmounted by a balustrade, and forming a square of 266 ft., as measured by Twiss. (Trav., 184.) • It is built chiefly in the Corinthian and Composite orders, of the dark stone with which the Escurial is built. The N. and S. fronts were erected in the time of Charles V., the former by Covarrables and Vergara, and the latter by Juan de Herrera. When Toledo cassed to be the metro-rolls of Sales, the Alexar was convented into a work.

former by Covarrabias and Vergara, and the latter by Juan de Herrera. When Toledo ceased to be the metropolis of Spain, the Alcazar was converted into a workhouse, and it was subsequently employed for a silk manufactory, established by the archbishop; but it is now untenanted, and so utterly neglected, that in one of its extensive vaults underground Inglis encountered a party of wandering gypsies assembled round a huge fire. Besides the cathedral, there are, or rather were, innumerable churches, monasteries, nunneries, and other religious buildings. Few, however, of these are worth notice. The Franciscan convent is, indeed, a fine edifice, and has a church built in the time of Ferdinand and Isabella. The late archbp, Lorenzano established a lunatic hospital at Toledo; built the modern edifice for the university, which in 1830 had more than 700 students, principally in jurisprudence; and founded a college for girls, each of whom is dowried, provided they do not go into a convent afterwards. There are several other colleges, numerous hospitals and asylums, a handsome town hall, two bridges over the Tagus, one originally a Roman work, bearing a Roman inscription, and terminated on one side by an arch with Corinthian columns; a mint, supposed to date from the time of the Romans, &c. There are a few pleasant promenades around the city, but the supposed to date from the time of the Romans, &c. There are a few pleasant promenades around the city, but the only public lounge in Toledo is the Plaza Real; and there, says Inglis, "at certain hours, particularly about 2 o'clock, it seems almost like a convent-hall of recreation, and a sacristy of a cathedral united; for canons, probendaries, and curates, and 20 different orders of friars, are seen standing in groups, strolling under the probendaries, and curates, and 20 different orders of friars, are seen standing in groups, strolling under the plaszas, or seated upon bepches, refreshing themselves with melons or grapes. But this square is half monopolised with blacksmiths' shops; and all the others are small, mean, and principally useful as market-places. The houses are mostly floored with brick, and are consequently dusty; and the Roman aqueducts being destroyed, water is sold about the streets, carried in small barrels on asses' backs. There is no public place of diversion of any kind: formerly there was a theatre, but it was suppressed by a royal order obtained through the head of the university. "Buil fights even are forbidden in this priest-ridden city; so that unless processions of saints, &c., are to be considered an amusement, the inhabs. have positively no resource but in the terisuita. Nowhere are Spanish customs seen more pure than in Toledo, and nowhere is the monotony of the terisuita more striking. The sole amusements are talking, or playing basto for a very low stake; and after a glass of agua fresca, the party separates. In Toledo, a certain circle agrees to form a terisuita: one house is selected where it is to be held, and the same individuals assemble at the same house, and at the same hour, every day throughout the year! This is Toledo society. No admixture of foreign, or even of modern innovation, is to be seen in Toledo. Men of all ranks wear the cloak; and the small round high-crowned Spanish hat is worn, not only by the peasantry, but almost universally by

persons of all classes. Among the women no colours are to be seen; black is the universal dress, and scarcely any one enters a church unveiled." (Inght, 1. 294, 295—305.) We must add, however, that morals are said to be more correct there than in almost any other Spanish

1905.) We must add, however, that morals are astd to be more correct there than in almost any other Spanish city. Toledo has, from a remote period, been famous for its manufacture of sword blades. The royal sword manufactory, which is of great extent, and about 2 m. from the city, is close to the river, which turns its machinery. It once employed many hundred hands; but, when visited hy lngits, in 1830, only 50 were employed, who finished about 8,000 swords a year. They work by the piece, sud make usually about 100 reals (30s.) per week; some of the most industrious 24 reals more. The art of tempering the steel had, for some time, declined, but it has since revived. "The fixelibility and temper of the blades are surprising: there are two trials which each blade must undergo before it be pronounced sound; the trial of fixelibility, and the trial of temper. In the former, it is thrust against a plate on the wall and bentinto an arc, at least three parts of a circle. In the second, it is struck edgeways upon a leaden table, with the whole force which can be given by a powerful man, holding it with both hands. The blades are polished upon a wheel of walnut wood." (Ingile, 1.312.) In addition to its sword manufactory, Toledo fabricates church ornaments, a few woollens, for hospital use, with paper, guitar strings, coarse glass, &c., and has some dyeing and fulling works. Its general trade is very insignificant; and a few years since there was no conveyance, nor even a continuous road, between it and Madrid.

The origin of Toledo is lost in obscurity. After having belonged to the Carthaginians it became a Roman

Madrid.

The origin of Toledo is lost in obscurity. After having belonged to the Carthaginians it became a Roman colony. Few traces of Roman edifices, however, exist, except part of an amphitheatre, and some scattered remains of the Roman walls. In 467, it was taken by the Goths, and became the cap, of their kingdom in Spain, till taken by the Moors in 714. Alphonso VI. and Rodrigo Dias expelled the latter from Toledo in 1085; and, notwithstanding three vigorous sleges in the succeeding century, it has remained in the hands of the Spaniards ever since. Its decay dates from the removal of the

nowithstanding three vigorous sieges in the succeeding century, it has remained in the hands of the Spaniards ever since. Its decay dates from the removal of the court to Madrid, under Philip II. The celebrated Cardinal de Ximenes, regent of Spain during the minority of Charles V., was, for a lengthened period, archbishop of Toledo. (See Dict. Geog.; Minano, Geog. de España; Astillon; Swindserne; Twiss; Townsend; Inglis; Mod. Trav., xix. 50–56.; &c.)

TOLOS A (an. Insrisa), a town of Spain, in Biscay, prov. Guipuscoa, of which it is the csp., on the Oria and Arajes, 13 m. S. by W. St. Sebastian. Pop., according to Miliano, about 5,000. It is placed in a marrow deflier, surrounded by a pentagonal wall, flanked with towers, and entered by several gates. It is said to be handsome, and well built; the streets, which are furnished with footways, are clean, and lighted at night; and it is tolerably well supplied with water. Here are 2 parish churches, both fine buildings, 2 convents, an hospital, prison, post-house, a stone bridge across either river, with manufactures of arms, copper and earthen wares, woollen cloths, paper, hast, leather, &c.; three fourths of its inhabitants being artisans. (Milmoo.) A large market is held on Saturdays. Tolosa is one of the 1s indep. towns in which the provincial ascenbily of Guipuscoa is held, one of the 4 alternately the seat of the high judical court of the prov., and the place in which the provincial archives and military stores are kept. (Milmoo; Anstillon; Inglis, &c.)

TOMSK, a town of Aslatic Russia, cap. of the gov. of same name, on the Tom, a tributary of the Obl, 650 m. E. by S. Tobolsk. Lat 569 39° 6" N., long 88° 9° 51" E. "It has nearly 2,000 houses, and from 8,000 to 10,000 inhabs. Here are workhouses for exiles; coarse cloth, leather, and soap manufactories; barracks, public magasines, millitary and other hospitalis; an orphan house, a since, millitary and other hospitalis; an orphan house, a since, millitary and other hospitalis; an orphan house, a

inhabs. Here are workhouses for exiles; coarse cloth, leather, and soap manufactories; barracks, public magasines, military and other hospitals; an orphan house, a dispensary, &c. There are a number of handsome houses in Tomsk, but the town is irregularly built, except the part that occupies a hill overlooking the river Tom and the country round. Next to Krasnojarsk, Tomsk is the cheapest and most plentiful spot in Siberia." (Dobell's Tras., il. 110.) Its principal buildings are the cathedral and another church, the tribunals, tressury (in which are the magasines of furs collected as tribute), and two convents. The inhabs, carry on a brisk trade with the Calmucks and Ostiaks, in cattle, furs, &c.; and the town is an emporium for distilled spirits and Chinese goods. It was lounded in 1604.

an emporium for distilled spirits and Chinese goods. It was founded in 1604.

The government of which Tomak is the cap. is, with that of Tobolsk, under the authority of the Covernor-General of W. Siberia. Since 1838, it has comprised a portion of the former government of Omak; and is supposed to have from 1,000,000 to 1,100,000 inhabs. In 1846, no fewer than 1,862-89 poods of gold were obtained from the different gold washings in this government. In its general features it is very similar to the more

^{*} Townsend states, "the quadrangle is 160 ft. by 150 ft.; a with the great statronse, the gallery, and the colonnade, has an air degrees simplicity."

southerly parts of the governments of Tobolsk, Yeniseisk, &c. (which see).

Ac. (which see).

TONNEINS, a town of France, dep. Lot-et-Garonne, cap. cant., on the Garonne, 20 m. N.W. Agen. Pop., in 1836, ex. comm., 4.176; or inc. comm., 7,088. It is one of the hest situated and most active towns in the dep., having a considerable trade in cordage, hemp, and dried fruits. and a royal tobacco factory. It is clean and well rruita, and a royal tobacco lactory. It is clean and well built, and communicates with the opposite bank of the river by a new suspension bridge. The esplanade, a good square, on the site of an old castle destroyed in the religious wars; the town-hall, a neat theatre, and some public baths, are worthy notice.

TOPLITE (or Toplita) a town and antender leave.

gious wars; the town-hall, a neat theatre, and some public baths, are worthy notice.

TOPLITZ (or Toeplitz), a town and watering-place of Bohemia, circ. Leitmerits, and next to Carlabad, the most popular place of resort of its kind in Germany. It is pleasantly situated on the Saubach, a small stream in a ralley between the Erzgebirge and Mittlegebirge mountains, 47 m. N.W. Prague. Its resident pop. amounts to little more than 2,700; but in the height of the season, in July and August, it is sometimes visited by 15,000 strangers. (Murray's Handbook for S. Germ.) More than 1-4th part of its houses are inns, and nearly all the rest are lodging-houses. The town is neat, and has been improved of late years by the addition of foot-pavements in the streets, and it is well lighted at night; but it has no buildings worthy of notice, except such as are connected with the baths. The principal baths are distributed in 4 distinct buildings; the Steinbad. Fürstenbader, Fürstliche-Frauensimmerbad, and the Herrnhaus, or mansion of Prince Clary, the proprietor of the town. All these are in the Baade platz, or bath square. The Steinbad includes 3 baths, for the gratuitous use of the public; one for the men, a second for the wives and aughters of citizens, and the third for the female peasantry, &c.: the first and last are under ground, and valuted over and may be compared to large invaded. public; one for the men, a second for the wives and daughters of citisens, and the third for the female peasantry, &c.: the first and last are under ground, and vaulted over, and may be compared to large inundated cellars. In the same house are some very comfortable private baths, supplied directly from the source. The Furstenbad and Frauenximmerbad comprise a number of superior private baths; the first for gentlemen, and the second for ladies. In the Herrnhaus, which was the usual residence of the late King of Prussia, when at Töplitz, there are many bathing apartments fitted up with great elegance; and attached to this mansion are some extensive and beautiful gardens, always open to the public, a theatre, &c. The baths in the Girdierhaus also in the Baade-platz, the Jews' baths and others are supplied from the main springs. Without the town, and in the neighbouring hamlet of Schönau, are many baths of a lower temperature than in the town. In all there are about 90 private baths, which are in such constant requisition when Töplitz is full, that, by a strict regulation, no person is allowed the use of a bath and dressing-room for more than an hour at a time, for which from 10 to 30 kreutzers are usually paid. The springs are saline, with a dash of iron; the kottest, or hauptguelle, has a temperature of about 122 Fabr. It emerges from a porphyry rock, and so abundantly that its supply, per hour, has been estimated at 1,189.670 cubic feet of water. The waters of Töplitz are particularly esteemed in gout, and rheumatic affections, diseases of the ioints. &c. rehas been estimated at 1,189,70 cubic teet of water. The waters of Töplitz are particularly esteemed in gout, and rheumatic affections, diseases of the joints, &c., requiring tonic treatment. The invalids of the Prussian, Russian, and Austrian armies are often sent here, and lodged in appropriate buildings. Of late years a pumproom has been established in the gardens of Prince

room has been established in the gardens of Prince Clary.

The hotels and lodging-houses are good and cheap. Dr. Granville says, "The living at Töplitz is, beyond comparison, cheaper than in any other watering place I have visited. A dinner at a table d'Able without wine will cost about 1s. 3d. Apartments may be hired at one of the best hotels, consisting of a bed-room and sitting-room, for not quite a guinea a week." (Spas of Germany, 336.) Baling is the chief occupation of the morning. The dinner hour is 1 or 2 o'clock; the afternoon is commonly spent in excursions; the evening in the theatre or the salons; but "except on ball nights, and on the occasion of some great concert, the town is buried in dead silence by 10 p'clock." Public gaming is not allowed; but it is alleged that gambling is, nowith-standing, extensively carried on. Töplitz was the seat of a diplomatic congress in 1818, and again in 1835. (Granwille; Speacer; Gleig; Austrian Nat. Encyc.; 4c.)

Grawille; Spencer; Gieng; American A. C., 26... TOPSHAM, a market town and par. of England, co. Devon, hund. Wonford, on the Exe, where it is joined by the Clyst, 4 m. S.E. Exeter, of which it may be considered the port. Area of par., 1,740 acres. Pop. in 1841, 3,732. It consists of several good streets; the Strand, in particular, at its S. extremity, has many respectable residences, and is inhabited by some families of good fortune. The church is built on an eminence overlooking the river. The living, a perpet. curacy, worth 2271. a year., is in the gift of the dean and chapter of Exeter. The chief business of the town is ship-building, and most of the inhabs. are connected with shipping.

The quay, which was originally constructed in the 14th century, is spacious and convenient; but from the corporation of Exeter (to which it belongs), neglecting to clean the channel of the river, vessels drawing more than 9 or 9½ ft. are unable to come up to it. (Mass. Append. Rep. on Exeter.) An active coasting trade is, however, carried on from Topsham. Markets on Saturdays; fair, first Wednesday in August.

TORBAY, a spacious bay of the English channel on the S. E. coast of Devonshire. It is of a semicircular shape, opening to the E., and nearly 4 m. across from Torquay or Rob's Nose its N. to Berry Point its S. boundary. Its shores at its mouth are on both sides formed by ramparts of rock, but between these, in the centre, at

by ramparts of rock, but between these, in the centre, at the bottom of the bay, the ground forms a vale, gently declining to the water's edge. Ships anchor all over the bay in 6, 7, 8, and 9 fathoms water. The ground is strong clay, and holds remarkably well. This spacious basin has frequently afforded shelter to the fleets of Eng-

declining to the water's edge. Ships anchor all over the bay in 6, 7, 8, and 9 fathoms water. The ground is strong clay, and holds remarkahly well. This spacious bain has frequently afforded shelter to the fleets of England, and is celebrated in history as the place where our great deliverer, William III., landed on the ever-memorable bth of November, 1688.

TORGAU, a town of Frussian Saxony, reg. Merseburg, cap. circ. Torgau; on the Elbe, here crossed by a covered bridge, 66 m. S. S. W. Berlin. Pop. about 6,500. It is pretty strongly fortified, is the seat of the principal courts, &c., for its circle; and has manufactures of woollen cloths and hostery, leather, &c., with some trade in corn and timber. The vicinity of Torgau has been the scene of several conflicts. Of these, the most important took place on the 23d of November, 1760, when the Prussians, under Frederick the Great, forced, after a desperate resistance, the intrenched camp of the Austrian army, under Marshal Daum, and gained a decisive victory.

TORNEA, a town of the Russian dom., N. W. frontier of the Grand Duchy of Finland, on a peninsula in the river Tornea, where it falls into the Gulph of Bothnia, lat. 695 50° N., long. 24° 12° 15° E. Pop. from 500 to 700. This little town, which was built by the Swedes, in 1692, consists of two principal streets of wooden houses. It has a considerable trade in the exportation of stock-fish, rein-deer, akins, furs, iron, planks, tar, butter, pickled salmon, &c. The climate is very severe, though less so, perhaps, than might be expected from its high latitude. In June the sun is viable at midnight above the horizon.

Tornea is celebrated in the history of science for the visit made to it in 1736, by the French academicians Maupertuis, Clairaut, Monnier, and Camus, accompanied by the Swedish astronomer Celsius, with a view to the determination of the exact figure of the earth. The operations do not, however, appear to have been conducted with sufficient accuracy; and there is a discrepancy of about 200 tolses b

under the name of Leyes de Toro. (Milamo; Dict. Géog., &c.)
TORONTO, formerly York, a town of Upper Canada, of which it is the cap, on the N. shore of Lake Ontario, towards its W. extremity, in lat. 43° 38' N., long, 79° 20° W. Pop., in 1845, 19,706. It was founded by Governor Simcoe in 1794, and was burnt by the Americans in 1813. In 1831 it had only about 4,000 inhabs., its subsequent progress having been more rapid than that of any other town in Canada. It is now a handsome town, with spacious streets crossing each other at right angles; many of its buildings being of brick, to which timber is gradually giving place. The public edifices are well adapted to their purposes. Among the most imposing of the latter are the new courts of law, the offices for the legislature, the R. Catholic cathedral, St. George's church, the lunatic asylum, the college, &c. The garrison is

stationed about 1 m. W. of the town, where the entrance to the harbour is guarded by a battery and two blockhouses. Toronto harbour, or bay, is formed by a long and narrow peninsula, stretching out to the S.W. for about 6 m., and terminating in Gibraltar point, on which a lighthouse has been erected. The bay is nearly circular, and about 1½ m. across; it has a considerable depth of water, and affords extensive and safe anchoring ground. (Supermon's Civil Engineering. &c.)

(Steenson's Civil Engineering, &c.)
Toronto is the seat of the superior judicial courts for the upper prov. The parliament of the latter was, also, in the habit of assembling here; and it is now, alternately with Quebec, the place of meeting of the united Carolida legislature.

the upper prov. The parliament of the latter was, also, in the habit of assembling here; and it is now, alternately with Quebec, the place of meeting of the united Canadian legislature.

Kingston, at the other extremity of Lake Ontario, on its N. shore, about 140 m. E.N.R. Toronto was the former cap. of Upper Canada, and though less central has been considered by many as more eligible than Toronto for this distinction. Pop. about 6,000. It has an excellent harbour, where ships of the line may lie close to the shore; and is also the site of the principal naval dockyard in the colony. It covers a considerable extent of ground, and many of its houses are of stone. It has the finest public building in Canada. It is of stone, and cost 90,000 doil.; it inc. a town hall, offices for the corporation, the Post office, news room, &c. Kingston is the principal entrepto of the trade between the Upper and Lower prov.

TOROPETZ, a town of European Russia, gov. Pskof on the Toropa, 245 m. S. Petersburg. Pop. about 7,500. It is entirely surrounded by lakes and rivulets, and communicates by the Toropa with Riga, which renders it a place of come trade. It has 18 churches, including a cathedral, and 2 convents. A few of its houses are of brick or stone, but the major part are of wood, the streets also being paved with planks. On an island in the Toropa is a dilapidated fort. This town, under the name of Krivitch, is mentioned as early as the introduction of Christianity by Vladmin; about 990. It was the cap. of a republic, which lasted through the whole of the 12th century, thu which in the 13th became subject to hereditary princes. Towards the end of the 15th century to the jonged to the Poles, but it was retaken by the Russians in 1500. (Schaitster, 4c.)

TORRING TON, a mun. bor., town, and par. of England, co. Devon, hund. Fremington, partly on the summit, and partly on the declivity of an eminence on the E. bank of the Torridge, here crossed by 2 bridges, 5½ m. S.S.E. Bideford, and 30 m. N.W. Exeter. Area of par., 3,640 acres the Torridge. At this hamlet is an hospital for the poor of the pars, of both Great and Little Torrington. A bowling-green now occupies the site of a castle erected on an eminence S. of the town in the 14th century. Torrington is watched during the winter months, but is not lighted; and its police is said to be very inefficient. It has a very indifferent jail. The chief occupation of the industrious classes is the manufacture of gloves, which is not confined to the town, but gives employment to many families of the surrounding district. (Mass. Corp. Rep.) Torrington appears to have been first chartered by Philip and Mary: it is now governed by a mayor and 3 other aldermen and 12 counciliors, who hold petty sessions every 3 weeks. Other courts formerly held have gone into disuse. Corp. rev., in 1847-8, 2362. Torrington sent on the H. of C. down to the reign of Hen. VII., when it appears to have lost or relinquished the privilege. At the restoration, the earldom of Torrington was conferred on Gen. Monk; and it now gives the title of viscount to the Byng family. Markets on Saturdays family, May 4., July 3., and Oct. 10., for cattle.

TORSHEK, or Torjok, a town of European Russia, gov. Tver, cap. distr., on the Tverza, 138 m. N.W. Moscow, lat. 570-56' N.; long. 570-56' E. Pop. about 12,000. (Possart.) It was nearly burnt down in 1767, since which it has been rebuilt with considerable regularity and with rather wide streets, and though its houses are still generally of wood, its public buildings are mostly of stone: the latter includes a cathedral and 20 other churches, 2 convents, a government house, normal school, orphan saylum, &c. It is famous for a holy spring, which at-

the latter includes a cathedral and 20 other churches, 2 convents, a government house, normal school, orphan asylum, &c. It is famous for a holy spring, which attracts pligrims from all directions. Being on the high road from Petersburgh to Moscow, and having also the best inm on this road, it is a place of considerable name,

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and has three large annual fairs. Its principal manufacture is that of saffron, or coloured and prepared Russia leather. A large traffic is carried on in shoes, gloves, and various articles of this material, embroidered with gold and silver; but the traveller had better be on his guard against imposition, as the dealers not only ask three times as much for any article as it is worth and they will take, but also endeavour to substitute articles made of sheep-skin for the genuine leather, which its preparation of ox hides. (Schwitzler; Fossari; Murray's Handbook, &c.)

TORTOLA, one of the Virgin Islands, in the W. Indies, belonging to Great Britain, lat. 180 27' N., long. 649 24' 45' W., between St. John's and Virgin Gorda. It is about 12 m. in length by 3 or 4 in its greatest breadth. Pop., in 1844, 6,700; of whom, above 4,000 were blacks. "This island consists of a range of hills rising in some places to the height of 1,600 ft. and encircling a spacious harbour, or bain; they are, for the most part, barren, rocky, and precipious, and there is but one valley of any extent throughout the island. The town of Tortola is on the W. side of the harbour at the food of these hills, which rise so close behind it that many town of Tortola is on the W. side of the harbour at the foot of these hills, which rise so close behind it that many of the houses are built within sea-mark, and consequently suffer from damp. The barrack and hospital for the troops are at the S.E. extremity of the town, and as they lie open to the trade winds, which blow across the harbour, they are not much incommoded by heat. But considerable sickness, particularly from fever, has been found to prevail among the troops at Tortola." (Twilede's Report, p. 37.) In 1831, the imports of sugar into the U. K. from Tortola amounted to 15,559 cwts., whereas, in 1849, they only amounted to 298 cwts.! The value of the exports from the island sunk proportionally, or from 24,729. in 1837 to 2,322. in 1849!

24,729.i. in 1837 to 2,322. in 1849!

TORTONA (an. Dertoma), a town of N. Italy, in the Sardinian States, div. Alessandria, cap. prov. of its own name, at the foot of a hill crowned by a ruined castle, 13 m. E. by S. Alessandria. Pop., in 1838, 10,921. It was a place of considerable strength till dismantled by the French in 1780. It is the see of a bishop, the seat of a court of primary jurisdiction, and has manufactures of silks, stuffs, &c.; and some trade in corn and wine. It appears from inscriptions to have been a Roman colony,

der the name of Julia.

under the name of Julia.

TORTOSA (an. Derdoza), a town of Spain, in Catalonia, on the N. bank of the Ebro, about 25 m. from its mouth, and 93 m. S. W. Barcelona. Pop., according to Mifiano, between 10,000 and 11,000. It is defended by several outworks, and is divided into the old and new towns, both of which are walled. It is old and ill built, and has but one public fountain. The cathedral is near the river, and under the protection of the castle. The front is Ionic, with massive pillars, some of single stones; the choir is of Corinthian architecture; but the whole and has but one public fountain. The cathedral is near the river, and under the protection of the castle. The front is Ionic, with massive pillars, some of single stones; the choir is of Corinthian architecture; but the whole edifice is void of taske, and its interior is much overloaded with ornament. Townsend observed in the cloisters a chapel bearing indications of the most remote antiquity. The see of Tortosa is a bishopric, and was very rich. There are several par. churches, nine convents, a Latin school, hospital, public granary, &c.; but, next to the cathedral, the principal edifices are the bishop's palace, and the mansion of the Vail Cabra family. Tortosa is the residence of a military governor, the seat of an ecclesiastical court, &c., and has manufactures of carthenware, paper, and leather; a considerable trade in corn and silk, and an active fishery and coasting trade. Within a league of the city are some quarries of valuation marble, known as Tortosa jasper. The kueria, or plain of Tortosa, says Townsend, "is most delightful. Far as the eye can reach, you look down upon a plain covered with vines, olives, figs, pomegranates, apricots, mulberries, and all kinds of grain; and through this fertile vale you trace the meanderings of the Ebro, which is here wide and anvigable." (iii. 305.) This town had the privileges of a Roman municipium conferred on it by Sciplo. Ou one occasion, during the wars between the Spaniards and the Moors, the women of Tortosa distinguished themselves so much, that in 1170 the military order of La Hacha, or the "Flambeau," was instituted for them. They also enjoyed several privileges, most of which are now lost; but it is said that in all matrimonial ceremonies they still maintain the right of precedence. (Peyron in Mod. Traw. xviil.; Townsend in Midmoo.)

TOTNESS, a parl. and mun. bor., town, and par. of Founses with the manor of Bridgetown, on the opposite side of the river. The town is finely situated, the whole par. of Totosas with the manor of Bridgetown, in the whole par

gateways still remain. The houses are old fashloned, some of them having plazzas, and their upper stories frequently projecting beyond the lower. But, with the exception of a few on the Plymouth road, all the modern buildings are in the Bridgetown division; and it is here that a further extension of the town may be looked for. (Msn. Boussd. Rep.) The church is a spacious, handsome structure, in the Perpendicular style, with a well-proportioned tower at the W. end, which has octagonal pinnacles and rich buttresses. In the chancel is a rich stone screen: it has also a stone pulpit, enriched with tracery and shields; but the altar-piece is Grecian, and does not correspond with the rest of the building. This church appears to have been rebuilt about 1432. The living, a vicarage worth 2004. a year, is in the gift of the crown. There are meeting-houses for independents, Wesleyans, and Unitarians, an old guildhall and council-chamber, a small theatre, assembly-room, &c.

Judhael de Totnais, to whom the manor was given by Wiltiam the Conqueror, erected the castle and also

westyans, and officiarians, and the gradual are countries.

Judhael de Totnais, to whom the manor was given by William the Conqueror, erected the castle and also a Benedictine priory, which, at the dissolution, had a revenue of 124. 10z. a year. It has numerous foundations, among which a grammar school, established in 1554, having an income of 70c. a year. Totness had formerly a thriving woollen trade; but at present it has no manufactures. Many of the inhabs, are employed in agriculture, some in fishing, and some in navigation, the Dart being navigable to the town for small vessels. Warehouses have been built at Bridgetown, on the E. Warehouses have been built at Bridgetown, on the E. Warehouses have been built at Bridgetown, on the E. was the first of the town has some trade in the importation of coal and other articles, and may, on the whole, be said to be improving. Muss. Corp. Rep. Appead.) It was first incorporated by King John; and is now governed by a mayor, 3 other aldermen, and 12 councillors. It has no commission of the peace; but a court leet is held once a year, and petty sessions occasionally. Corporation revenue, in 1849, 432. The bor, has sent 2 mems. to the H. of C. since the 22d of Edward I., the right of voting, down to the Reform Act, having been in the corporation and freemen. Registered electors, in 1849-50, 362.

Among other distinguished individuals, Totness has given birth to Edward Lye, the learned author of the Dictionarium Sacosico et Gothico Latinsum, 2 vols. folio, 1772, which, however, he did not live to see printed. It is, also, the birthplace of Dr. Kennicott, the Hebraist, to whom the learned world is indebted for a most elsborate and excellent edition of the Hebrew bible. In his younger days Kennicott was master of the grammar-school in the town.

TOUL, a town of France, dep. Meurthe, cap. arrond.;

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shool in the town.

TOUL, a town of France, dep. Meurthe, cap. arrond.; on the Moselle, here crossed by a handsome stone bridge of 7 arches, 13 m. W. Nancy. Pop., in 1846, inc. comm., 7,188. It is generally well built, and its streets have recently been macadamised. Its principal buildings are the cathedral, a fine Gothic structure of the 18th century; the town-hall, formerly the bishop's palace; the cavalry barracks and magazines, civil hospital, corn-hall, college, abattoir, &c. Its manufactures compresse calicoes, muslins, woollens, hoslery, and earthenware. This town was anciently the cap. of the Lewic conquered by Cæsar. It was ceded by Charles the Simple to the Emp. Henry the Fowler, and was not definitively annexed to France till 1552. Baron Louis, Admiral de Rigny, and several distinguished generals, have been among the natives of Toul. (Hago, &c.)

Toul. (Hugo, &c.)

Toul. ON, a famous sea-port town of France, being the 2d, or, perhaps, since the conquest of Algiers, the 1st naval port in the kingdom; dep. Var. of which, though not the cap., it is by far the largest and most important town, at the bottom of one of the finest harbours of the Mediterranean, 32m. E. S. E. Marseilles, and 190 m. S. S. E. Lyons, lat. 43° 7' 10' N., long. 5° 55' 40' E. Pop., in 1846, ex comm., 39,243, and inc. comm. 45,245; but in 1850, the pop. was estimated at 55,000; though this, probably, includes the garrison, and the forçats in the bagne. The town, which is of an oval shape, the longer side facing the sea, "rises gracefully and majestically towards the N., extending her ramparts to the foot of a chain of high mountains, stretching from the E. to the W. The position of the place would be picturesque and beautiful, were there the least verdure; but the rocks and mountains are arid, bare, and totally destitute of covering, or umbrage of any kind. The town is strongly fortified, being surrounded by a double rampart, and a large and deep ditch, defended to the E., W, and N., by hills covered with redoubts. Among the forts that of La Maigue (on a peninsula to the S. E.) is the most remarkable, not only for its extent, but the solidity of its construction. Latterly works have been in progress for uniting the town to this fortress, and a solid rampart with fosses has been already raised." (Ports, &c. of France, 202.—205.) Toulon is divided into the old and new town; both are tolerably well built, but the streets of the former are marrow and crowded, and all the squares, except one, are oul. (Hago, &c.) TOULON, a famous sea-port town of France, being the 205.) Toulon is divided into the old and new town; not are tolerably well built, but the streets of the former are narrow and crowded, and all the squares, except one, are small and irregular. The new quarter, in which are

most of the naval establishments, is much superior in point of appearance. The principal street, the rue de Lafayschet, which intersects the town in its whole extent, and is partially planted with trees, is the seat of the principal market, and is a scene of great bustle and activity. It terminates near the port in the Place d'Armes, a bandsome square, planted with trees, one side of which is formed by the admiralty-house. The town-hall, facing the commercial port, with two colossal statues in front, by Puget, regarded as chef d'arwere; the house occupied by that distinguished scuiptor, the old cathedral, 3 other churches, the court-house, military arsenal, occupying an ancient convent, naval, military, civil, and foundling hospitals, and a handsome communal college, are the other chief public buildings. Though on an arid soil, Toulon is well supplied with water, by springs from the mountains; and several of its numerous public fountains are ornamented with statues, &c. (Guide dus Foyageur; Hugo, &c.) The submits are not only increasing, but, from the rapid augmentation of the pop., and importance of the place, of late years, it has been found necessary to add additional stories to the older houses. Since 1830, two new quarters have sprung up without the walls; one on the road westward to Ollioulles. The latter is flithy, fetid, and abominable. It goes by the name of Navarin, and is chiefly occupied by the Genosse labourers, who occupy the same place in this that is occupied by the Irish labourers in most English towns. Owing to its situation at the foot of high bare hills that intercept the whols from the N., and reflect the sun's rays, the climate in summer is extremely hot. (Part, &c. of Pressec.)

Toulon is the Brest of the Mediterranean, and may be looked upon as the Plymouth Sound,

summer is extremely not. (Ports, gc. of France.)
Toulon is the Brest of the Mediterranean, and may be looked upon as the Plymouth of France; though, since the construction of the breakwater in Plymouth Sound, the latter is superior, perhaps, as a roadstead to the iner road of Toulon. Both the old and new harbours are artificial. The latter, formed by hollow and bomb-proof jetties, running off from the E. and W. sides of the town, is sufficiently extensive to accommodate 30 sail of the line, as many frigates, and an equal proportion of small craft. The entrance is shut by a boom, and it is never ruffied by any wind to occasion damage. The outer sides of the jetties present two large batteries, even with the water's edge. The entrance to the inner road, on which the harbour opens, is between the Grosse town on the one side, and Fort Eguilette on the other, about 639 fathoms apart: the road is a good deal encumbered with banks, and the anchoring-ground is, in part, foul and rocky; but in other places this is not the case, and altogether it is a very fine basin. The outer, or great roadstead, to the E. of the latter, bounded on the S. by the narrow peninsula, terminating in Cape Cepét, has deeper stead, to the h. of the latter, bounded on the S. by the marrow peninsula, terminating in Cape Ceptic, has deeper water and better anchorage than the inner, but it is open to E. winds, which sometimes throw in a heavy sea. The laxaretto stands on a secure cove, La Veche, on the S. aide of the outer road, with from 4 to 8 fathoms

water.
The arsenal of Toulon is one of the finest in Europe.
It occupies a surface of 354,140 sq. metres (87 acres), and has dry docks, and every accommodation for the construction, repair, and outfit of ships. In general, from 3,000 to 4,000 free workmen are employed within the walls; but in 1841, when unusual activity prevailed in all the French ports, there were between 3,000 and 6,000 labourers employed, exclusive of above 3,500

6,000 labourers employed, exclusive of above 3,500 criminals.

The rope house, constructed by Vauban, is 1120 feet in length and 64 in breadth. The docks, slips, sheds, mast-house, sail factory, magazines, &c., are on a grand scale, though, as a ship-building port, Toulon has hitherto been inferior to L'Orient and Rochefort. A new arsenal meant as an appendage to the old, has been recently laid out. The depot of oak timber is the largest in France. The bagne, instituted in 1682, is, from want of room on shore, established on board some hulks: it is occupied by criminals condemned to hard labour for 10 years and under. The cost of each criminal amounts to very near 1 fr. a day.

The mercantle port, which is bordered by a fine quay, is shut off from the harbour, for men-of-war, by a line of dismasted vessels. (Hage.) The imports consist-chiefy of corn, flour, sait provisions, timber, &c., for the use of the naval establishments; and the exports, of oil, capers, figs, rasins, almonds, oranges, and other fruits, with cloth, hoslery, soap, &c., manufactured in the town. The trade of the port has hitherto been inconsiderable, but it has materially increased since the conquest of Algiers, and will probably continue to increase. In 1841 eight steamers were continually plying between Toulon and Africa, Corsica, Italy, and the East, and two small ressels to La Seyne. Toulon is the cap, of an arrond, and 2 cantons, and is the residence of a naval prefect, a commissary-general, and of numerous other government officers and foreign consuls; it has tribunals of primary juriediction and commerce, a board of customs, a college, schools

of hydrography and marine artillery, courses of geometry and mathematics, a society of arts, and an excellent naval museum, public library, government, pawn, and savings' banks, a theatre, with a stationary company, public baths, &c.

Toulon appears to have existed in the time of the Romans. In more modern times it was occasionally at-tacked by African corsairs, and to defend it from these incursions, Louis XII. commenced the erection of the tacked by African corasirs, and to defend it from these incursions, Louis XII. commenced the erection of the Grosse-tour at the entrance to the inner road, which was finished by Francis I. Henry IV. commenced the construction of the old port, now appropriated to merchant vessels in 1894. But it is wholly indebted for its modern importance as a great naval port and a strong military position, to Louis XIV., who expended wast sums on its fortiscations, and on the arsenal and harbour. It was unsuccessfully besieged by Prince Eugene in 1707. Having, in 1793, been delivered up by the royalists to the English and Spanlards, it was retaken by the republicans, after a slege fin which Napoleon gave the first decided proofs of his extraordinary military talents. On evacuating the town the allies set fire to the magasines, and to the ships they were unable to carry off; the fortifications have since been thoroughly repaired, and several new works constructed, so that it is stronger now than ever, and if properly garrisoned would be all but impregnable. (Ports and Arsenate of France; Hugo, Art. Var.; Guide des Poyagraw on France, or THOULOUSE, on. Tolloss), one of the principal and most ancient citles in the S. of France, doe, Haute Garonne, of which it is the cap., on the Garonne, at the junction of the canals of Languedoc and Briare with that river, 187 m. S.E. Bordeaux; iat. 43° 35′ 46″ N., long. 1° 36′ 30″ E. Pop., in 1846, ex. com., 71,981; or with com., 83,489. Inglis calls it a fine large flourishing place, situated in the midst of abundance, and contining many fine edifices, and remarkable objects (Switzerland and the Pyrence, 219.); but, acording to Hugo. Toulouse, before the revolution of 1789

dance, and contvining many fine edifices, and remarkable objects (Swineriand and the Pyrenees, 219.); but, according to Hugo, Toulouse, before the revolution of 1789 was fort laide, and is still far from being a fine town, notwithstanding all that has been done for its embellishment. It is very irregularly laid out; its streets, which are mostly narrow, crooked, ill-paved with rounded pebbles from the river, and dirty, form a complete labyrinth. Nearly all the buildings are of red brick cemented with had mortar, which, being blackened by age, gives the town a gloomy appearance: the older houses, and those in the lower quarters, consist of sun dried bricks, in frames of wood work, and are greatly dilapidated. But within the last 20 years the dvic authorities have undertaken many improvements: on exhargit, on redresse less within the last 20 years the civic authorities have undertaken many improvements: on enlargit, on redresse less principales ruce; on pluire ce qu'on ne peut rebâtir; on assainit ce qu'on ne peut embellir; on deblaic les anciennes places, on en forme de nouvelles; on jette à baciennes places, on en forme de nouvelles; on jette à baciens places, on en forme de nouvelles; on jette à basies constructions religieuses, inutiles des filies abandonnéss. (Hugo, art. Haute Garonne.) The shape of Toulouse is au irregular ovai; the city comprises an island in the Garonne, and on that side is bordered by good quays: on other sides it has been till lately inclosed by walls, fanked with large round towers. But these are gradually disappearing; and their place is being occupied by good houses, and regular streets. Inglis says that he had not seen any provincial town in France with such extensive suburbs as Toulouse. The city communicates with the suburb of St. Cyrian, across the Garonne, by a massive free-stone bridge of 7 arches, built in the latter half of the leth century, at the further end of which a modern triumphal arch has been creeted.

The principal open space is the Place de Capitole, serving for the grand daily market, which, according to Inglis, is admirably supplied. This large quadrangle is ornamented at each of its four corners with a handsome fountain. The capitol, or town-hall, from which it derives its name, on its E. side, in the lonic order, is nearly 130 yards in length. In it are several spacious halls, one is ornamented with the busts of the most distinguished and the contact. The other vides of the square are chiefly occupied by hotels and cafes. Several of the other squares are ornamented with fountains, and planted the other squares are ornamented with fountains, and planted the other squares are ornamented with fountains, and planted the other squares are ornamented with fountains, and planted the other squares are ornamented with fountains, and planted the other squares are ornamented with fountain taken many improvements: on enlargit, on redresse les

are carriery occupied by notes and cates. Several of the other squares are ornamented with fountains, and planted like the public promenades on the backs of the canals, and the Caronne.

Several of the churches are worth a visit. thedral is planned on a magnificent scale, but unfinished: the nave, which is the oldest part of the building, prothe nave, which is the oldest part of the building, probably dates from about the 13th century. The most ancient church, that of St. Servin, has been erected, according to Hugo, on the site of a very celebrated temple of Apolio: it is a heavy Gothic building, part being said to date, from the 9th century, though the greater portion is much more modern, particularly the choir. Among its ornaments, if so we may call them, Inglis noticed a bas-relief caricature of Calvin, as a hog in killed and wounded: the French loss amounted to about

a pulpit preaching! and that there might be no mistake in the matter, the words, Calvin le porc prêchant, were inscribed below! This church is rich in relics presented by several popes, and other persons: it has a cupola sup-porting a lofty spire. The churches of La Daurade and

in the matter, the words, claims a pore precisus, were inscribed below! This church is rich in relics presented by several popes, and other persons: it has a cupola supporting a lofty spire. The churches of La Daurade and Daiblade deservemention: in the former Clemence Isaure is supposed to have been buried, and on the grand altarare preserved the golden flowers presented to the successful poets at the floral games. Toulouse is said to have had, at one period, 80 churches, but many have been converted to other purposes. One serves for the museum, in the picture gallery of which are some productions of the best masters of Italy, with a much larger number of copies; while in the cloisters attached is a fine collection of antiquities excavated near Martres, in 1827. The best modern building after the capitol, is the prefecture, formerly the archibishop's palace.

Toulouse was till recently ill supplied with water: but it is now amply provided with that great necessary, furnished to numerous public and private fountains from a handsome chatess deas, or reservoir. Among the other public buildings may be specified 2 large hospitals, the Posts. Justicality, of the 10th house, mint, new edifice for the royal court and tribunal of primary jurisdiction; the public libraries, containing together about 60,000 vols., achool of artillery, barracks, arsenal, polygon, gunpower and other large mills, &c. Toulouse is the cap, of the 10th military div. of France, and an archbishop's see. Previously to the Revolution it was the seat of one of the leading French universities; and it has now a university academy, with faculties of law, sciences, literature, and the largest and finest in France after the example set at the floral games of old. The jardin des plantes at Toulouse is the largest and finest in France after the example set at the floral games of old. The finds as proviously alluded to, appear to

successful candidates, after the example set at the floral games of oid. The jardin des planates at Toulouse is the largest and finest in France after that of Paris. (Guide du Fougageur, dc.)

The floral games, previously alluded to, appear to have been instituted in the early part of the lith century. They were originally held on the 1st of May; and consisted of a trial of skill among the poets and troubadousrs of the vicinity, those who recited the best verses receiving the prise, which consisted of golden flowers. Clemence Isaure, the lady mentioned as the great patroness of these games, which consisted of golden flowers. Clemence Isaure, the lady mentioned as the great patroness of these games, on the list and 3d of May. These games were finally superseded by the creation of the scademy of belies letters in 1694, the directors of which gave prises for the best papers.

Toulouse has manufactures of coarse woollen cioths, silks, gauges, printed cottons (indicanse), cotton yarn, siles and steel wares, paper, wax lights, musical strings, and vermicelli, with dyeing-houses, distilleries, a cannon foundry, and a royal tobacco manufactory. It has also a large trade in the produce of the surrounding country. Spanish wool, and colonial produce. Inglis says, "The neighbourhood of Toulouse will be found one of the cheapest places of residence in Europe. Within the city, every thing is about one fourth part dearer than in its immediate vicinity, owing to the octrois. But in the markets held in the neighbouring villages, meat is sold at 3d. and 34d. per lb.; fowls are not more than 10d. a pair; a fine turkey costs but 2s. 6d. or 2s.; eggs, fruit, and vegetables are remarkably abundant and cheap; and wine does not exceed 14d. per bottle. The country is thickly covered with country-houses; and one of these, furnished, and suitable for a small family, and with an excellent garden, may be had for 400 fr., or 18c, per annum."

Nothing is known of the origin of this city but that it Nothing is known of the origin of this city but that it is very ancient. It was the cap, of the Tectosages; and having been taken by the Romans, asso 106 B.C., they afterwards embellished it with numerous splendid edifices; but owing to the combined influence of time and the attacks of the barbarians, these structures have been almost wholly destroyed, so that some vestiges of the amplitheatre, and of a few other buildings, are all that now remain to mark the wealth and power of its Roman masters. It was successively the cap, of the Visicothies. masters. It was successively the cap. of the Visigothie kingdom of Gaul and Aquitaine, and was thenceforward governed by its own feudal counts till 1271, when it was annexed to the crown of France.

was annexed to the crown of rrance.

Toulouse is principally celebrated in recent times for
the sanguinary conflict that took place in its vicinity on
the 10th of April, 1814, between the allied army, under
the Duke of Wellington, and the French, under Marshal

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3,000 men. Unfortunately, this was a useless sacrifice, as Napoleon had already abdicated; but, though the contrary has been stated, it is certain that Marshal Soult

contrary has been stated, it is certain that Marshal Soult was wholly ignorant of the circumstance. (Napier's Peninsular War, vi. 639, &c.)

The inhabs. of Toulouse appear, even in the estimation of their countrymen, to be endued with a very large share of that versatility which has been said, though, perhaps, without much foundation, to be a distinguishing trait in the French character. "Comme l'exécution n'est pas précédée chez le Tolousain d'un jugement réfiéchi, il se livre malheureusement, avec trop de facilité, aux excès dont ensuite il a lieu de se repentir : ainsi, on le voit massacrer, en quelque sort avec jole, les Protestans lors de la St. Barthélemy, et durant les guerres du Calvinisme; le vertueux président Durants, à l'époque de la Ligue; les royalistes pendant la Révolution, et les partrotes à la Restauration : il accueille avec transport Napoléon durant son rêgne, et plus tard, avec le même triotes à la Restauration: il accueille avec transport Napoléon durant son règne, et plus tard, avec le même enthousiame, Wellington et son armée; il assassine ensuite le général Ramel, qui veut le sauver de l'anarchie: alnai, il est toujours le jouet de la versatilité de son caractère, et l'instrument le plus docile de toutes les scènes de barbarie auxqueilles le poussent les hommes ardens qui veulent l'égarer." (Dict. Géog.)

Toulouse has given birth to many distinguished individuals, among whom may be specifed Cujas, the great-est civilian of modern times, born here in 1590; Raymond, count of Toulouse, so celebrated in the first crusade; M. de Villele, late minister of France, &c. (Martinière, Grand Dictionnaire, art. Toulouse; le (Martinière, Grand Dictionnaire, art. Toulouse; l'Hugo, art. Haule Garonne; Dict. Géog.; Guide du Voyageur; l'anglièr Switzerland.)

crusade; M. de Villele, late minister of France, &c. (Martinière, Grand Dictionnaire, art. Toulouse; Hugo, art. Haute Garonne; Dict. Géog.; Guide du Vogageur; Ingliès Swinerland.)

TOURNAY (Flem. Doornik), a town of Belgium, prov. Hainault, cap. arrond. and of two cantons, on the Scheldt, close to the French frontier, 45 m. W.S.W. Brussels; lat. 809 36° 20° N., long. 3° 23° 17° E. Pop., in 1836, 39.19. Tournay covers nearly as much ground as Lisle, though so much less populous. Its former foreifications were demolished by the emperor Joseph II., but since 1814 it has been surrounded anew with military works, and has a good citadel. The Scheldt, crossed here by several flying bridges, divides Tournay into two parts, called the Old and New Towns: the latter is well built, and has a fine quay along the river, which forms a favourite promenade; but, excepting its historical recollections, the former has little to render it interesting.

The cathedral, a fine Gothic building, with five towers and spires, supposed to have been a bishop's see as early as the 5th century, was formerly richly adorned, but suffered greatly from the French revolutionary phrensy. The old abbey of St. Martin has been of late years levelled with the ground, to give place to the town-hail and public gardens. Few other buildings are worthy of notice; though there are several hospitals and anylums; including one for aged ecclesiastics, a court of primary jurisdiction, chamber of commerce, exchange, theatre, atheeuum, academy of fine arts, episcopal seminary, many good private schools, a mont-de-public, &c. Without the walls are several suburbs. Tournay is one of the most active manufacturing towns of the Netherlands, and must have been celebrated for its industry at a very early period, since it is mentioned in the Notitia Imperii of the 5th century as one of the fifteen towns in the empire having manufactures of woollen and linen yarn. At present, vanied and hardware, curaçao, and other liqueurs, are employed in its various manufactures, and t

TOURS (an. Casaromagus), a city of France, dep. Indre-et-Loire, of which it is the cap.; it is surrounded by extensive and fertile plains, and is itself placed on the narrow tongue of land between the rivers Loire and narrow tongue of land between the rivers Loire and Cher, close to the point of their confinence, 13" m. S.W. Paris. I.at. 470 23' 46" N., long, 0° 41' 33" E. Pop., in 1846, 27,120. "Tours is well known as favourite retreat of English absentees. Great part of the town is new; and the streets, several of which are spacious, and the houses clean, substantial, and many elegant, give it an air of ease, pleasure, and abundance, possessed by few other cities in France. The beauty of Tours has arisen since the Revolution, and has, indeed, sprung out of it, for great part of it has been rebuilt upon an improved plan." (Inglis, p. 352.) And, in fact, the older parts of the city still consist of narrow, crooked, and dirty streets, with mean and ill-built houses. It is surrounded by planted boulevards on the site of its ancient fortifications; it has still consist of narrow, crooked, and dirty streets, with mean and ill-built houses. It is surrounded by planted boulevards on the site of its ancient fortifications; it has 2d different entrances, and 5 suburbs. It communicates with the opposite bank of the Loire by one of the finest bridges in Europe, constructed chiefly between 1763 and 1777: it is of stone, level on the aummit, 475 yards in length by 16 in breadth, and has 15 arches, each 26½ yards in span. Over the Cher are two bridges, one of 17 and the other of 8 arches. From the bridge over the Loire a noble street, the Rue Royale, straight, spacious, bordered with footways, and lined with uniform buildings of freestone, intersects the town in its entire breadth, terminating on the S. in the avenue de Grassawowl, leading to the smaller bridge over the Cher. At the commencement of this street, close to the Loire, is a handsome square; in which are the town-hall and the departmental museum, new and symmetrical buildings, the latter containing upwards of 200 paintings. The cathedral is said to have been founded in the 4th century, burnt down in the 6th, rebuilt by Gregory of Toura, but again burnt down in the 18th century; after which its reconstruction proceeded so slowly that it was not completed till 1850. It has a noble froat, fainked by two towers, built by Henry V. of England. Its interior, though not beautiful, is richly ornamented, and contains much stained glass, together with the mausoleum of the children of Charles VIII. A curious collection of MSS. is kept in this cathedral. The other churches are mostly small and gloomy, and possess little worth notice. The archishop's palace is one of the handsomest in the singdom: the prefecture, court-house, college, general hospital, exchange, theatre, barracks, prison, and a highly ornamented fountain in the market-place, are the other most conspicuous objects. This city is the seat of courts of primary jurisdiction and commerce, a chamber of commerce, council of prud'hommes, societies of agriculture, sci culture, sciences, arts, &c.; and has courses of practical geometry, a library said to comprise 40,000 volumes, a cabinet of natural history, and botanic garden. It was here that Louis XI. established the slik manufacturers be here that Louis XI. established the silk manufacturers he invited out of Italy; and it was for a considerable period famous for its silks; but it has long been far surpassed in this department by Lyons, which has peculiar advantages for the prosecution of the silk manufacture. Next to that of silk, which is carried on to a considerable extent, the manufactures of Tours consist principally of woolken cloths, carpets, and woollen yarn; but they are not extensive; and the trade of the city is chiefly in the retail supply of its inhabs. and visiters.

"The promenades round Tours are charming: among

supply of its inhabs, and visiters.

"The promenades round Tours are charming: among these the elm-avenue is the most conspicuous; the quay is also pleasant. The environs of the city furnish the most agreeable walks; innumerable little paths lead in every direction through the fields, and among the knolis and copses. Tours, 20 years ago, was as cheap a residence as any place on the Loire; but a great advance in the prices of every thing, and particularly house-reast, has naturally followed the approbation of Tours by the Euglish. Immediately after the war, a large house, with every convenience, and a garden of two or three acres, might have been had for 20th a year; but this sum may now be more than doubled. Provisions are still mostorate in price, and wood is less expensive here than in most other parts of France." Besides the English, Tours is much resorted to by French gentry, who, though is most other parts of France." Besides the English, Tours is much resorted to by French gentry, who, though is independent circumstances, are not rich enough to assert the exponse of living in the metropolis. The castle of Plessis iz Tours, built by Louis XI., where he principally resided, is about 1 m. from the city. It is constructed of brick; is embosomed in wood; and has a venerable appearance. In its chapel is a portrait of Louis, dressed in armour, taking off his helmet to the Virgin and Infant. (Inglis, p. 284.)

Among the eminent men to whom Tours has given being the principal control of the much admired Latin poem, Dr. cultu Hortorum, and of several critical publications. Rapin has not forgotten to cele-

Gramine Pata novo, et nuneuam sine forthes hortes.

Lib. i. line 489, ed de Brotder, Paris, 1780.

Grecourt, the poet, was also a native of Tours, and St. Gregory, hence called Gregory of Tours, was for a lengthened period bishop of the see.

Tours was anciently the cap, of the Thermes, conquered by Casar, some 58 s.C. In the 8th century, it became the cap, of the 3d Lyonnaise. After many vicissitudes it fell into the hands of the Plantagenets; and formed a part of the English dominions, till 1204, when it was annexed to the French crown. (Dict. Geog.; Hugo art. Indrect-Loire; Guide dis Voyageur.)

TOUMEN, a considerable town of Asiatic Russia, gov. Tobolsk, on the Toura, 130 m. S.W. Tobolsk. Pop., in 1838, 9,313. It is situated in a fertile tract, and its inhabs. are said by Cochrane to be both wealthy and hospitable; though, according to Dobell, little can be said in favour of their morals. (Travels, ii. 115.) In almost every house the manufacture of a coarse kind of carpeting sold all over Siberia is carried on; and its tanneries, which are more extensive than any others in the government, employ nearly 200 workmen, and produce goods to the value of more than 1,000,000 roubles a vear. (Journ. de St. Petersbourg.) in the neighbour-hood are extensive forests, and vast quantities of mat, with carriages, and various wooden articles, are made in timber, tallow, hides, embroidery, vegetables grown in the vicinity and the second.

with carriages, and various wooden articles, are made for exportation; besides which the town has a large trade in timber, tallow, hides, embroidery, vegetables grown in the vicinity, cattle, &c. It was the first town-founded by the Russians in Siberia, having been built in 1886, on the site of a previous Tartar city called Tchinghis-Tora, or "the town of Genghis." (Cochrane; Dobell; Erman, Reise um die Erde; Journ. de St. Petersbourg.)

TOURNUS, a town of France, dep. Saône-et-Loire, cap. cant., on the Saône, here crossed by a bridge of arches, between Macon and Chalons, 16 m. N.N.E. the former, and about the same distance S: the latter. Pop. in 1836, ex. comm., 4,480. It stands on a declivity crowned by the remains of a Benedictine abbey, which formerly possessed extensive privileges. It is clean, well-built, and has some good public edifices. Its trade is principally in corn, wine, and building stones, sent down the Saone to Lyons. (Huge, &c.)

TOWCESTER, a market-town and par, of England, co. Northampton, hund. Towcester, on the Tow, here crossed by three bridges, 8 m. S.W. Northampton. Area of par. 2,790 acres. Pop., in 1841, 2,749. The town consists principally of three streets, at the union of the roads from Stony Stratford, Northampton, and Daventry. It stands on the ancient Walling Street, and was probably a Roman station. The church is a neat edifice, supposed to date from the 11th century. The living, a vicarage, worth 217.4 year, is in the glift of the bishop of Lichfield and Coventry. Here are chapels for various dissenting seets; a grammar-school, founded at the dissolution of the monasteries, and endowed with part of the revenue of a college dating from the reign of Henry solution of the monasteries, and endowed with part of the revenues of a college dating from the reign of Henry VI.; several alms-houses, &c. Markets on Tuesdays:

vI.; several aims-houses, &c. Markets on Tuesdays: fairs four times yearly.

TRAFALGAR (Cape), a promontory of the S.W. coast of Spain, prov. Andalusia, 25 m. N.W. Tariffa, in the strait of Gibraltar, of which, indeed, it forms the N.W. extremity, lat. 36° 10′ 10″ N., long. 6° 1° W.

This cape, which in antiquity was called the promontory of Juno (Jamonis promonto

of Juno (Junous promonstoriess), is low, and terminates in two points, the most easterly of which is surmounted by a round tower.

Cape Tradigar is famous in naval history for the great battle fought in its vicinity on the 21st of October, 1805, between the combined French and Spanish fieet, under Admirals Villeneuve and Gravina, and the English fieet under Lord Nelson. The former had 33 sail of the line and 7 large frigates, while the fleet of the latter only amounted to 37 sail of the line and 3 frigates; but the superior skill and gallantry of the British admiral, and of the insofficers and men, far more than compensated for the nominal inferiority of the English fleet, and secured for the country the greatest naval victory recorded in her amals. No fewer than 19 French and Spanish line of battle ships were captured, and 4 that had escaped from the action were subsequently taken by 3ir Richard Strachan; the other vessels that escaped into Cadis being, at the same time, mostly rendered unserviceable. Unfortunately this great and decisive victory was not acquired without a very heavy loss. Nelson, who was mortally wounded early in the action, lived only to be made aware of the destruction of the enemy's fleet.

TRAJANOPOLI (called by the Turks Orikhove), a town of European Turkey, prov. Roumelia, sanj.

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Adds comment lestion rivis, at families orem, pratorum immenses tractus, et smeans secundam Translated, et mores populi, quem errica teria Translated, et more population of 15,000 inhabitants; is the see of a Greek archibábop, and has a considerable commerce; but if these on uch out of the routes usually resorted to by travellers, that we have but little information respecting it.

TRANLE, a parl. bor. and marit. town of Ireland, prov. Munster, co. Cork. Pop. of parl. bor., which invites, 5m. N.W. Cork. Pop. of parl. bor., which invited to be an increasing, thriving town. At the close of the late war it was little else than a congregation of cabins; but now, to use the words of Mr. linglis, "it has streets but now, to use the words of Mr. linglis, "it has streets that would not disgrate the best quarters of any city; and cap the prov. Munster, co. Cork. Pop. of parl. bor., which invited to be an increasing, thriving town. At the close of the late war it was little else than a congregation of cabins; but now, to use the words of Mr. linglis, "it has streets that would not disgrate the best quarters of any city; and the providence of the late war it was little else than a congregation of cabins; but now, to use the words of Mr. linglis, "it has streets that would not disgrate the best quarters of any city; and the providence of the late war it was little else than a

but now, to use the words of Mr. Inglis, "it has streets that would not digrace the best quarters of any city; and these not streets of business, which it also has, but streets containing gentlemen's houses, or at all events, houses which no gentleman might be ashamed to live in. I have no hesitation in pronouncing Tralee altogether the most thriving town I have seen since leaving Clonmel; and in some respects it leaves Clonmel behind it. Its retail trade is extensive and improving, and many of the dealers are wealthy. As good shops are to be found in Tralee as in Cork; and the stock in many of them is very extensive. I was at Tralee on a market day, and I do not recollect to have seen a busier place. Independently of an extensive supply of country produce, there was a very abundant exhibition of all kinds of manufactured goods and apparel, and every shop in the town was crowded to the door. House rent is high here; higher, in fact, than in any English co. town. There is a spa in the vicinity a good deal resorted to for its waters: its situation is pleasant, and a number of pretty country houses have been erected in the neighbourhood," (1. 252, 253.)

The public buildings and establishments comprise a handsome par. church, two large Rom. Cath. chapels, a nunnery, to which an excellent school for girls is attached, several meeting-houses for disenters, a new county court-house, "which is in every way a handsome and commodious structure," (Inglis), a fever hospital, a lunatic asylum, a county infirmary, infantry barracks for 600 men, two brewerles, a distillery, &c. The town stands on the estate of Sir Edward Denny, who has thrown open the pleasure-grounds, strached to the castle in its immediate vicinity, to the inhab. Sir E. Denny is also patron of the living of Tralee, worth above 4004 a year. Exclusive of the girls' school, Tralee has a Catholic free-school, and other schools, two of which are subordinate to the board of Education in Dublin. It sent 3 mems. to the lirish H. of C., and since the union it has s

self, could not tell us the name of the present member!"
Reg. electors, in 1849-50, 302.
The co. assiges are held here; and general sessions four times a year; and petty sessions on Tuesdays. It is, also, a constabulary and coastguard station. The Tralee workhouse was opened in 1844. Markets on Tuesdays and Saturdays: fairs May 3., Aug. 4., Oct. 9., Nov. 7., and Dec. 13. Post-office revenue, in 1849, 1,1444. The Provincial Bank, Bank of Ireland, and National Bank, have branches here. The town has 3 newspapers. The port is included in that of Limerick. Owing to the shallowness of the water in the river, barges of more than forty tons were, till lately, loaded and unloaded at Blemerville, about 2 m. S.W. from the town, while vessels of greater burden were compelled to load and unload by means of lighters, at the Samphire islands, in the bay, about 6 m. W. from the town. In the view of obviating this inconvenience, a ship canal, 15 ft. deep, has been cut from the bey to a basin adjacent to the town, where vessels of 200 tons may now load and unload. This canal has been of great service to Trales. The value of the exports, which principally consist of corn and provisions, amounted, in 1836, to 44,3184. The shipping belonging to the port is quite inconsiderable, being under 1,100 tons. Customs' revenue, in 1849, 2,3524. Here is a Chamber of Commerce, a news-room, and several insurance offices. and several insurance offices.

It is a singular and not easily-explained fact, that, not-withstanding all the proofs of prosperity found in Trales and its vicinity, wages are extremely low, employment scarce, and the condition of the lower classes very much

scarce, and the conductor of the lower casses very much depressed.

TRANI, a sea-port town of S. Italy, kingd. Naples, prov. Terra di Bari, cap. cant. on the Adriatie, 36 m. N.W. Bari, lat. 410 17 5" N., long. 160 287 38" E. Pop. 13,000. It is surrounded by a bastioned wall,

with a fosse on the land side, and has a citadel, but is not a place of any strength. The streets, which are narrow and dirty, are finned with ill-built houses, except round the port, where there are some private dwellings that would not disgrace the best parts of Rome. Its large cathedral, erected more than six centuries ago, is said by Swinburne to be in a very mean taste, with preposterous ornaments and clumy pillars. Exclusive of the cathedral it has about 20 other churches, with Secretaries for monks (once of which the meansters). Exclusive of the cathedral it has about 20 other churches, with 6 convents for monks (one of which, the monastery of St. Clare, is a magnificent structure), 2 nunneries, an orphan asylum, a large seminary, and a theatre, said to be inferior only to those of Naples. Trani is the seat of one of the great civil courts of the kingdom, of a superior criminal court, of a civil tribunal for the prov., and is the residence of many old families. It abours under a great deficiency of spring water, so that the inhabitants are obliged principally to depend on rain water collected in cisterns. It exports com. oll, sweet wine of soud in cisters. It exports com, oll, sweet wine of good quality, figs, almonds, and other products of the vicinity. Some cotton stuffs are produced in the town, of cotton raised in the can. The ramparts command a fine view both towards the interior and the sea.

both towards the interior and the sea.

The harbour, which is nearly encircled by the town, has naturally deep water, but owing to the accumulation of sand thrown in by the sea, and of the flith from the surrounding houses, it is so much filled up as to be accessible only to the smallest boats, while in summer the stench is intolerable. Of course, were it in the hands of a vigorous enterprising people, it would be very soon cleaned out. The few ressels that carry on the languishing trade of the town are obliged to anchor about 2 m. off shore, being laden by lighters.

In 1502 a contest took place under the walls of this town, between 11 French, and as many Spanish knights. The combatants fought till there remained only 6 Spanish and 4 French knights: the latter then allghted and defended themselves behind their horses, as behind a rampart, till night put an end to the contest. (Swin-burne's Two Sicilies, 1, 180; Craven's Tour, p. 92;

burne's Two Sicilies, i. 180; Craven's Tour, p. 92; Rampoldi, &c.
TRANQUEBAR, a town and sca-port of Hindostan, belonging to Denmark, on the Coronandel coast, surrounded by the British district of Tanjore, between two arms of the Cavery, 140 m. SS.W. Madras, lat. 11°0′15′N., long. 81°54′30″E. Pop. of the town and its small territory about 20,000. Tranquebar is surrounded by bastioned ramparts faced with masonry, and at its S.E. angle is the citadel of Dansburgh, in which is an old castellated building, serving for the government offices, and having a light-house on its highest point. The town is small but very neat and clean, there not being a native hut or other mean structure within its walls. The principal streets may be called handsome, the whitened houses being of two or three stories, with little Grecian porticoes of three or four pillars projecting into the street, and windowed generally with rattan lattices. The government house, two Protestant churches and a Portuguese Roman Catholic chapel are in the town, the rellgovernment house, two Protestant churches and a Portuguese Roman Catholic chapel are in the town, the religious missions at Tranquebar are said by Malcolm to have greatly declined of late. (S.E. Asia, ii. 68.) There is no harbour in the Cavery for vessels of a larger class than boats, which have accordingly to anchor outside the surf in the bay. It has, however, some traffic he same lab. boats, which have accordingly to anchor outside the suri in the bay. It has, however, some traffic by sea with Bengal, the Malabar coast, the Straits' settlements, Cey-lon, &c.; it has also manufactures of sait, and cotton goods. The revenues are derived from the government share of the rice cultivation, the sale of arrack, tobacco. lish, oil, &c., and the customs, but they are scanty. E. I.

share of the rice cultivation, the sale of arrack, tobacco, fish, oil, &c., and the customs, but they are scanty. (E. I. Gazettee, &c.)

TRANSYLVANIA (Germ Siebenblirgen, Magy, and Slav. Erdeli, an. Dacia Mediterranea), the most E. prov. of the Austrian enpire, comprised between the 27nd and 26th E. long., having Hungary on the N. and W. and on the E. and S. Moldavia and Wallachia, from which it is separated by the main chain of the Carpathians. It is of a square shape: greatest length and breadth about 140 m. each. Area estimated at 20,400 sq. m. Pop., in 1839, 2,056,900. (Bergkass, Allg. Lönder, &c.) Most part of the surface is covered with ramifications of the Carpathian mountains, which rise in Mount Bukhest, near Kronstadt, to nearly 8,700 ft. in height: these, however, give place in the N. to the valley of the Saamos, in the cantre to that of the Maros, and in the S. to that of the Aluta. All these rivers, of which the Maros is the principal, rise in Transylvania, and have, more or less, a W. course, the general slope of the country being towards the W. The first two are tributaries of the Thelss, the last joins the Danube in Wallachia: the banks of all, and particularly the Maros, are densely wooded (whence the modern name of the prov.), and possess considerable picturesque beauty. It is in general well watered, and in the S. are some extensive marshes. As the country at large is rather an elevated table land, the climate is cold, though in most parts healthy. The soil is of very various qualities; the

mountains are generally grantite or calcarsous, but the plains and valleys are often very fertile, and, notwith-standing the beck-wardness of agriculture, a surplus of corn over the quantity required for home demand is ge-nerally produced. Wheat, barley, oats, rys, buck wheat, and maise, most kinds of pulse, potatoes, and garden vegetables, are cuitivated; wine is one of the leading products of the country; in the orchards apples, pear, plums, apricots, almonds, mulberries, chestnuts, &c., are grown; and tobacen, hemp fix-selform entilesses.

products of the country; in the orchards applea, pears, plums, apricots, almonds, mulberries, chestnuts, &c., are grown; and tobacco, hemp, flax, saffron, and clover, are grown; and tobacco, hemp, flax, saffron, and clover, are ordinary crops. The lands are, in general, held under a feudal tenure, as in Hungary, except in the Saxon-land, which division of the province is by far the best and most industriously cultivated.

Transylvania is divided principally among three distinct nations; the Magyar, the Szekler, and the Saxon, each of which has a share in the government of the country. They inhabit different districts: the Magyars (with the Wallacha) occupy the whole W. and centre; the Szeklers the R. and S.E.; and the Saxons etc. Paget, it. \$500. and Map.) The first occupy at least 3-6ths of the entire principality, of which Clausenberg is the cap., and the Szeklers and Saxons about 1-5th each; Marse-Vassrhely being the chief town of the former, and Hermanstadt of the latter. With these races are intermixed a number of Poles, Gypsies, Jews, Armenians, &c. We subjoin a statement, which is probably not far from accurate, of the number of the different races of people inhabiting Transylvania, and of the numbers attached to the different religious:

Races of Peo	de.	Religions.		
Magyers Wallachs, &c. Sacklers Saxons Poles Gypsics	40,000	United Greek - #Greek Catholics - Calvinists - Lutherans -	450,000 900,000 400,000 900,000 80,000	
Jews, Greeks, Ar- menians, &c.	20,000		60,000	
Total -	2,060,000	Total -	2,060,000	

The Magyars and Wallachs have been already described (aside, p. 4, 5, &c.). The Szeklers, termed by the Latin writers of the Lower Empire Sicali, are probably the descendants of a barbarian borde that had settled in the province during the decline of the Roman power. The Magyars, on entering the country in the 10th century, finding the Szeklers cognate with themselvee in feetures, language, character, &c., left them in the undisturbed possession of the lands they had inherited, on condition of their gaarding the Magyar frontier on that side. They were not even rendered tributary, and to this day the Szeklers hold themselves to be noble born, free, and equal. But in the lapse of centuries many changes have crept into their condition. "The richer and more powerful have gradually introduced on their own estates the system in operation in other parts of Transylvania, and the peasant and the seigneur are now found in the Szekler-land as elsewhere. Titles, too, and patents of nobility have been freely scattered through the country; taxation, also, and the forcible introduction of the border system instead of the desultory service of former times, have made great changes. As almost all these changes, however, have been introduced without the consent of the people, and often by the employment of open force, they are still regarded as illegal by the Szeklers, who are consequently among the most discontented of any portion of the Transylvanians." (Paget, ii. 390, 391.)

The Saxons appear to owe their origin to a colony transplanted thither from the Rhine by one of the sovereigns of Hungary in the 18th century. They live under a count, or chief, who, like their clergy, is elected by themselves; and they enjoy freedom from tolls within their district, and other important privileges. "One of the fundamental laws of the Saxons is the equality of every individual of the Saxon nation. They have no nobles; no peasants. Not but that many of the Saxons have received letters of nobility, and deck themselves out in all its plumes;

^{*} The religious of the sacts thus marked are selected only, whereas the others are established, by government.

their rights. Hitherto they have been among the most certain adherents of the crown: they have rarely joined the liberal party. They preserve, for the most part, the dress, language, habits, &c. their ancestors brought with them from Germany. For the rest, the Saxons are undoubtedly the most industrious, steady, and frugal of all the inhabs. of Transylvania; and they are consequently the best lodged, best clothed, and best instructed." (1864. ii. 428—433, &c.)

The peasants of Transylvania are in a more depressed condition, and much more ignorant, than those of Hungary. Among the greatest evils of which the Transylvanian peasant has to complain, is the want of any well-defined code of laws to which he may refer. The peasant land, too, has never been classed, as in Hungary, according to its powers of production; nor has the size of the peasant's portion, or flet, been accurately determined. The amount of labour, therefore, cannot be fairly and legally proportioned to the quantity and value of the land. Nor is the amount of labour itself better regulated. In some parts of the country it is common to require two days a week; in others, and more generally, three are demanded; and in some the landlord takes as much as he can possibly extract out of the half-starved seris settled on his estates. It is rare that the peasant's cottage has more than two rooms, sometimes only one; his furniture is scanty and tude, his crockery coarse, and those little luxuries which in the Hungarian denote something beyond the indispensable are rarely seen in Transylvania. The ignorance of the Transylvanian peasant is often intense; and he is generally superstitious and deceiful: these qualities are most conspicuous in the Wallachs, but the Magyars are by no means free from them. Schools are extremely rare. The peasants belonging to the Greek church are undoubtedly the most ignorant; those of the Unitarian and Lutheran churches the best educated. ignorant; those of the Unitarian and Lutheran churches the best educated. "We had remarked," says Mr. Paget, "throughout

ignorant; those of the Unitarian and Lutheran churches the best educated.

"We had remarked," says Mr. Paget, "throughout the Szekler-land generally, a better state of cultivation and greater aigns of industry than in most other parts of Transylvania. But the Saxon-land, on the Aluta, appeared like a garden in comparison even with the former. The whole plain seemed alive with ploughs and harrows, and on every side teams were moving about, manure was spreading, and the seed was being scattered abroad with a busy hand. The most startling feature in the picture was the very active part taken by the women. Some were sowing corn, others using the fork and spade, others holding the plough, and others driving the team." (Paget, ii. 311—316. 425—428.)

Transylvania may hereafter rank high as a wine growing country: it abounds with declivities of a rugged or volcanic soil. No less than 1.9th part of its present topo, is dependent on the culture of the vine; all the gentlemen, and even superior tradesmen, grow their own wines. The mode of making them is very ill understood; but there are several superior kinds of wine produced, mostly in the valleys of the Maros and its tributaries. They are in general white, well flavoured, and tull bodied. The highest price in an ordinary year of the better sorts is about 2s. the ciner (16 bottles).

The rearing of horses and other live stock is one of the better sorts is about 2s. the ciner (16 bottles).

The rearing of horses and other live stock is one of the better sorts is about 2s. the ciner (16 bottles) but, for improved breeds, no less than 60 celebrated studs are said to exist in this small territory, 20 of which have probably a greater or less infusion of English blood, the English breed and modes of treatment of horses having been introduced of late years. Buffaloes, scarce in Hungary, are common here. The sheep, which are long-woodied and curly-horned, are sent into Wallachia to grass in the winter. The oak, beech, &c. forests, which are estimated to cover nearly 3,940,000

masted to cover nearly 3,940,000 acres, feed large quantities of hogs.

Her mineral produce is a principal source of the wealth of Transylvania. There are numerous gold mines in the country, and almost every stream and river is auriferous; the annual produce of gold is estimated at from 2,000 to 2,800 marcs, and of silver 3,000 marcs. (Assir. Nat. Eacyc.) The gold mines of Zalathna, in the hasin of the Marca, are supposed to have been wrought ever since the time of the Romans; and those round Nagy Banya are certainly of that sera. From the latter, and some other mines, the ore is sent off monthly to Kremnitz, to be smelted. Gold-washing in Transylvania is almost monopolised by the gypsies. Government grants a gypsy band the privilege of washing the sands of a certain brook, on condition of their paying a yearly rent, which is never less than 3 ducats of pure gold per head for every washer. A gypsy captain settles this matter with the government, and is answerable for the rest of the tribe, from whom he collects the whole of their earnings, which he re-divides among them, after paying the tribute. (Paget, il. 384, 385.) Iron, lead, copper, antimony, arsenic, mercury in the form of cinnabar, &c., are also found in Transylvania; and the mines of Isekerem are

the richest in tellurium of any in Europe, and those in which metal was first discovered. Marshal Marmont the recent in testurium of any in Europe, and those in which metal was first discovered. Marshal Marmont states that coal, of very good quality, is found in some parts; but it is not made use of. Salt is much more important: rock-salt abounds at Maros and Szamos-Ujvar, &c., about 600,000 centners being annually produced, which, excepting about 20,000 centners consumed in the neighbourhood, is wholly exported to Hungary. The miners rock from 3 to 11 a. M., and get about 10d. a day. The centner of salt is delivered at the pit's mouth for about the same sum, and sold in Transpivania at 2§ flor. or 7s. the centner. The greater part, however, is sent by the Maros to Szegedin at an expense of 10d. more each centner, and sold there at 7½ guiden or 15s. the centner The E. of Transpivania is supplied from mines in the Szekler-land, where Paget (ii. 399.) says he saw an entire hill of salt. This hill, in consequence of the strict monopoly exercised by the government over the article, was surrounded by guards to prevent the peasants from stealing the salt! Alum, sulphur, saltpetre, sulphate of soda, and many crystals and inferior kind of gems, are found in the prov.

soda, and many crystals and inferior kind of gems, are found in the prov.

Except those of woollen, cotton, and some other fabrics in Cronstadt, Hermanstadt, and other parts of the Saxon-land, few manufactures are carried on to any great extent. Woollen and linen stuffs, cotton fabrics, &c., hats, leather, shagreen, potasb, eartheware, paper, and gunpowder are made in different places; the clothing of the peasants being generally of domestic manufacture. Some forges, breweries, and vinegar factories are scattered over the country; but woollen, silk, and linen fabrics, jewellery, hats, glass wares, &c., are principally imported from abroad, in return for sait, corn, cattle, horses, hogs, hides, wax and honey, timber, metals, and other raw produce. The trade is mostly in the hauds of the Greeks and Armenians; and as yet, little facility is

horses, hogs, hides, wax and honey, timber, metals, and other raw produce. The trade is mostly in the hands of the Greeks and Armenians; and, as yet, little facility is afforded for commerce with Hungary and Wallachia. Retail tradesmen, who sometimes have large dealings with Pesth and Vienna, will give money on bills, or ransmit considerable sums for a per centage; but there is not one regular banker in the whole country! (Paget, 14.77). The Maros and Szamos are navigable, and are the chief routes for the conveyance of goods. The roads and bridges are every where in the most wretched state; and, except in a few towns, inns are unknown.

Transylvania sends deputies to the Hungarian diet; but has also a diet of her own, composed as follows:—
"Bvery co. and free town sends its members: the Magyars about 46, and the Szeklers and Saxons 18 each. The Catholic church sends 2 mems, representatives of abboys; the Catholic and United Greek bishops claim each a seat also. Besides these are the Regalities, others, as the lords-lleutenant, privy councillors, and se-cretaries, have seats in virtue of their office. The number of regalists is said to have been limited to 89 by Maria Theresa; but this regulation has been grossly in-fringed, the present number exceeding 200 1 A governor, aided by a privy council, secretaries, and others corresponding with the Transylvanian chancery at Vienna—in other words, acting under the direction of an Austrian minister—constitute the executive is vested jointly in the diet number—constitute the executive sour, whist the legis-lative is formed by a diet to be held every year. The ap-pointment of the executive is vested jointly in the diet and the crown, the former nominating for every office three individuals from each of the received religions, from among which twelve the crown appoints one. Be-sides the candidation of the executive, the duties of the diet may be said to consist in the making and altering of laws for the internal government of the country; the voting supplies of troops; the levying, but not voting, the contribution; and the conferring the indigenal, or right of citizenship, upon strangers." (Paget, B. 273—275.)

Magyar Transylvania is divided into 11 counties (3 of which in the N. have been lately annexed to Humary.)

which, in the N., have been lately annexed to Hungary; the Szekler-land into 5, and the Saxon-land into 9, stuble, besides some subordinate districts. The government of the Magyar counties and Szekler stubla, and of ment of the magyar counters and szene stuns, and of the towns, is nearly the same as in Hungary: that of Saxon Transylvania has been already noticed. In the cap, of each co. and stuhl is a court of primary jurisdic-tion, subordinate to the Transylvanian chancery at

Vienna.

A band or zone of country along the S, and E, frontier, with a pop. of about 140,000, forms the Transylvanian military frontier. Here are maintained two Wallach and two Szekler infantry border regiments, and one regiment of Szekler hussars. The inhabs, of this tract are subject when Austrian military frontier laws. (See Stavostian) to the Austrian military frontier laws. (See Shavonia, ante, p. 695, 696.)

ante, p. 695, 696.)

The majority of the clergy, and particularly the Wallach priests of the Schismatic Greek church, are little superior to the peasantry in point of education. Those of the United Greek church are better educated, having a lyceum, gymnasium, and normal school at Balasfalva, and enjoy the same general privileges as the clergy of the Rom. Cath. faith, which is that most favoured by the

government, and entitled to the tithes in case of dispute. The great body of the Protostant clergy is also derived from the poorer classes of society; and its members, during the period of their education, are commonly maintained by the lord of the village to which they belong, till sent to coilege. Besides 6 gymnasis, the Calvinist church has 4 superior coileges; one of which, that of Enged, stands higher for general education than any other coilege in Transylvania, and has an annual revenue of 1,000. from funds deposited in the Bank of England. (Paget, il. 386.) The Lutherans have a coilege at Cronstadt, and 7 gymnasia. The government of the Restadt, and 7 gymnasia. The government of the Restadt.

college in Transylvania, and has an annual revenue of 1,000. from funds deposited in the Bank of England (Paget, ii. 386.) The Lutherans have a college at Cronstadt, and 7 gymnasia. The government of the Reformed churches in Transylvania is somewhat like that of the Presbyterian church of Scotland, and is described at length by Mr. Paget, ii. 487, 488.

The Unitarian is an established religion only in Transylvania; where it was introduced by the Polish queen of Zapolya I. in the 16th century, and for some time continued to be the religion of the court. The Unitarians include all the Poles, with some of the Magyars and Saklers, and reside chiefly in the Sækler-land, where they have about 100 churches: they have a college at Klausenburg, and 2 gymnasia elsewhere.

"The habits of society in Transylvania, in many respects, differ little from those of England about the end of the last century. In some of the old-fashioned houses almost a patriarchal simplicity is kept up. The houses of the richer nobles are large and roomy, and their establishments are conducted on a scale of some splendour. It is true that they are deficient in many things which we should consider absolute necessaries; but, on the other hand, they exhibit many luxuries which we should consider extravagant with twice their incomes. It is no uncommon thing, for instance, in a one-storied house, with a thatched roof and an uncarpeted floor, to be shown into a bedroom where all the washing apparatus and tollet is of soild silver. Bare whitewashed waits and rich Vienna furniture; a lady decked in jewels which might dazzle a court, and a handmalid without shoes and stockings; a carriage and four splendid horses, with a coachman whose skin peeps out between his waistcoat and inexpressibles, —are some of the anomalies still to be found in Transylvania." (Bid. 318., &c.)

This principality had been connected with Hungary for many centuries previously to the conquest of that country by the Turks, after which it threw off its allegance, and became a quasi-ind

clop.; Berghaus; Marmont, Voy. en Hongrie, &c., 1. 106—132.)

TRAPANI (an. Derpansum, from desenses, a scythe, the tongue of land on which it is built being curved in the form of that instrument), a sea-port town of Sicily, cap. prov., dist. and cant. of same name, on a projecting point of land on the W. coast of the island, 46 m. W. Palermo, the light-house on Colombaria rock, at the mouth of the harbour. being in lat. 380 °2'. N. long. 120 30' 18" E. Pop., in 1831, 24,735. It is a military post of the second class, being surrounded by a wall and bastions, with ravins in good repair, and covered by a glacis. The harbour, on the S. ide of the town, is protected by Sigia fort, at the extremity of the tongue of land on which the city is built, the fire of which is crossed by that of a battery on Colombaria rock. The castle, in the N. angle, though unworthy of the name, is the residence of the governor, and other military authorities. The streets are regular, and the town is commodious and pretty well built. The cathedral and senatorial palace are fine edifices. It has many convents and numeries, and once only 40 currents, with 21 hospitals, a college, 2 seminaries, a well-conducted monte-di-pieta, and an oratorio. The church of San Lucreizo is said to be "a simple and majestic specimen of cirrect archiand an oratorio. The church of San Lorenzo is said to be "a simple and majestic specimen of correct archi-tecture." Despite the number of its priests and friars, its inhabs, are said by Captain Sanyth to be industrious and enterprising, and to afford the best artisans and sallors of the island. It has produced excellent scholars, painters, and architects, and the art of engraving on painters, and architects, and the art of engraving on gems, which had been lost during the dark ages, was here recovered, and brought to perfection by Mazarielli: indeed, the inbab. are now principally distinguished as sculptors and carvers of coral, amber, wood, shells, rings, and alabaster. To the W. of the town is a well-designed but still unfinished promenade. The marina forms a good walk under the line wall. The harbour is said to have been much damaged by the great earthquake of 1342; but though small it is secure, and might be easily enlarged. It has a tolerably good mole, on which is the

pratique office, accessible to vessels of 300 tons, vessels of larger burden anchoring near the Colombaria, in 8 or 9 fathoms water, muddy bottom. Water is conveyed to the town by an aqueduct from the foot of Mount San Guliano (an. Erys), a little to the N.E. of the town. See GIULIANO (SAN).

The trade of the town is very considerable. The salinas, a little to the S.E., are the most extensive of any in the island. The salt, which is of good quality, costs about 8s. a ton, and is largely exported. The Trapanese carry on the coral fishery on the coast of Africa to a considerable extent; and the cutting and polishing of coral is one of the principal branches of industry carried on in the town. Besides salt and coral, the exports comprise soda, alabaster, rough or cut into vases, statues, &c., and a variety of other articles. In 1839, the port was entered by 114 foreign vessels, of which 73 were Austrian, and only 2 English.

Excepting vestiges of the mole formed by Fabius to join Colombaria to the continent, 2 muritated ilons' heads, that grace a fountain, and some fragments of marble, there are no remains of antiquity here, though coins of Drepanum have been occasionally found. (Smyth's Sicily, p. 237, &c.; Macgregor's Report on Sicily, 4c.)

Drepanum is very ancient. It is represented by

marble, there are no remains of antiquity here, though coins of Drepanum have been occasionally found. (Smyth's Sicily, p. 237, &c.; Macgregor's Report on Bicily, &c.)
Drepanum is very ancient. It is represented by Virgil as having been visited by Enesa, and as the place where Anchies breathed his last. (Eneid iii. lin. 707.) It was early occupied by the Carthaginians; and from its advantageous position and excellent port, was considered by them as of the first importance. During their struggle with the Romans it was the scene of frequent contests. Of these the most celebrated was the great sea-fight, anno 237 B.c., between the Roman fleet under the consul Claudius Pulcher, and the Carthaginian fleet under Atherbal. The latter gained a complete and decisive victory, with comparatively little loss on their part. (Pulphins, ilb. i. cap. 4.)
TRAVANCORE, a state of Hindostan, substidiary to the British, and forming the S. extremity of the Indian beninsula, between the Sth and 10th degs. of N. lat., and the 76th and 78th degs. of B. long., having E. the British districts, Tinnevelly and Dindigul, N. Cochin, and on other sides the Indian Ocean. Length, N. to S., about 140 m.; breadth, 60 m. in the N., and gradually diminishing to 30 m. in the S. Area estimated at nearity 4,600 sq. m., and pop. at somewhat less than 1,000,001. The surface, which is varied with hill and dale, rises in the E. Into a mountain chain, covered with forest trees and jungle. It is well watered, and highly adapted, by its climate, &c., to the wet cultivation, and rice is grown in large quantities; besides which, pepper, cardamoms, cassia, ginger, turmeric, betel nut and cocoa nuts, are among the chief vegetable products. Tobacco is principally imported from Ceylon, and is a government monopoly, from which the rajah is stated to derive a revenue of 18 lacs of rupees a year. (Colebrooke is Revenue Rp.) Elephants, buffiloes, and large tigers inhabit the more remote parts, and ivory, bees' wax, and some other valuable animal products are among the

of the land belongs to the government, or to individuals; village instutions being rare, or rather wholly wanting in Travancore. The land is assessed on the ryot-war system, a fresh survey having been made under the native government, every 10 or 12 years. Though the country is poor, the inhabs are said to be less impoverished than in many parts of the R. I. Company's territories, the land-tax being less heavy. Lands, the property of the government, are assessed according to the quantity of seed sown on them, and the rent, in general, amounts to less than half the produce: lands, the property of individuals, pay, in many cases, under 3 per cent. on the produce. The lowness of the land-tax was formerly compensated for, to the native government, by the monopolies of pepper, betel, cardamoms, and other valuable products, which the inhabs. were obliged to supply to the state at very low prices. Most of these monopolies were destroyed, and replaced by a more equitable system of taxation, while the country was under the administration of the British. Except, however, as respects the lightness of the land-tax, the native government of Travancore was most oppressive. There was a chain of officers from the dewess to the lowest inhab, exceptising all the powers of government, military, judicial, civil, revenue, without any check or control whatever; and besides this, several of the subordinate classes, subject to a capitation-tax, were formed into companies of about 100 men each, under a separate officer, and obliged to perform all kinds of work for the various monopolies, except those of pepper and tobacco. At the same time, however, the land-tax was increased, ac circumstance which in so far countervalied the other

improvements. In 1814, the country reverted to its former authorities, and since then, the old order of things is said to have been in a great measure revived.

Travancore, being an integral portion of the anc. Malabar, the prevailing usages and customs are generally similar to those which prevail along the adjacent parts of the W. coast of Hindostan. The soversignty of the country, honorary dignities, and even property, descend in the female line, as in Canara, &c. The ruling family is Hindoo, and the principal part of the pope consists of Brahmins and Nairs; but there are also many Moplars (Mohammedans), and it is estimated that, in Travancore and Cochin, there are 100,000 Syrian Christians. In some communities, Christian churches are considerably more numerous than pagodas or mosques. The Travancore rajah, about the middle of last century, subdued most of the smaller states in his neighbourhood, and extended his dom. to their present limits, but, in 1790, these would have failen a prey to Tippoo Salb but for our intervention The final subsidiary treaty with the British was entered into in 1809. Travancore furnishes to the Angio-Indian army a contingent of 3 battalions of infantry, and 8 lacs of rupees a year to the Indian treasury. Total revenue, in 1826-27, 40,42,645 rupees: expenditure, including subsidy, 37,98,392 rupees. Principal towns, Trivanderum, the cap., Anjengo and Quilon; Travancore, the former cap., is now in a state of decay. (Perd. Reps., 4c.)

TREBIZOND (an. Trapexus), a city and sea-port of Asia Minor, on the 8.E. coast of the Black Sea, 120 m. N.W. Erzeroum; lat. 40° 1′ N., long. 39° 44′ 52″ E. Pop. variously estimated at from 15,000 to 30,000. The town is built on the slope of a hill declining to the sea, and backed by steep eminences rising behind. Its central portiou is surrounded by a castellated and neglected, and commanded by neighbouring heights. The walled option is a decaper, said disaplated and neglected, and commanded by neighbouring heights. The walled with gardens and plantatio

town from the sea has the appearance of a forest, scarcely a house being visible. The walled city is solely inhabited by Mohammedans; the Christians live outside the walls (principally in the eastern suburb), where are also most of the basaars and khans. Besides nearly 30 churches and chapels, still retained for the service of the Greeks and Armenians, almost all the mosques have formerly been Christian churches. The handsomest mosque is that of \$6. Sophia, 1 m. W. of the city. "It is of small dimensions, built of hewn stone, in the form of a cross, and divided into a nave and 2 sailes, lighted from a cupola supported by 4 marble pillars. The principal entrance is adorned with 4 white marble Corinthian columns: the Roman eagle is conspicuous over the gate; below it are numbers of small reliefa, and a beautiful cornice runs round the exterior of the edifice." (Kinscir's Asia Missor, p.337.) Several of the other mosques and churches are in the same style; but the most curious edifice in the city is the &cxestein, a huge square structure with two small windows in each front, probably erected by the Genoese as a powder-magazine. (B. p. 241.) A high equare tower and the massy remnants of many other buildings crown the eminences near the mosque of \$8. Sophia; but none of these, nor any other remains at Trebisond, are of an age anterior to the Christian zra, and Mr. Hamilton regards all the existing ruins, called Genoese by the Turks and Greeks, as clearly Bysantine. [Geog. Journ., vii. 42.]

Trebisond has two ports; one on either side of a small peninsula projecting from the town into the sea. That on the E. is the best sheltered, and is the place of anchorage for the largest ships. It is exposed to all but S. sples; but it does not appear that with ordinary precaution any danger need be apprehended. The ground from \$10 \tau Mr. E. from the point is cless, and holds extremely well. Ships moor with open hawser to the N. and a good hawser and stream-anchor on shore as a stern-fast. At night the wind always comes off th

carried away salt, sulphur, lead, and Turkish manufacturer; bringing in return the raw productions of the Caucasus, slaves, &c. But the treaty of Adrianople, by opening the Black Sea to European ships, restored the old chamnel of communication between Europe and India, Persia, &c. through Trebisond; and the Russian policy of 1831, by putting an end to the immunities enjoyed by the Russian ports S. of the Caucasus, has given Trebizond an importance it did not previously possess. Its principal articles of import are manufactured cottons, mostly from Great Britain, sugar, coffee, rum, salt, tin, wine, &c. More than half the articles imported are destined for Persia; and while, in 1830, only 5,000 bales of mostly from Great Britain, sugar. conce. rum, san, wine, &c. More than half the articles imported are destined for Persia; and while, in 1830, only 5,000 bales of European merchandise passed through Trebizond on their way to that country, in 1835, nearly 20,000 proceeded by the same track to the same destination. (Bresst.) The exports to Europe consist of silk, sheep's wool, to-bacco, carpets, shawls, galls, and drugs of various sorts, box-wood, nuts, &c., with some wax, honey, and beans to Constantinople; but all in comparatively trifling quantities. Rich veins of copper and lead exist in the neighbouring mountains, but they are badly, if at all, wrought; but as the export of timber and corn is no longer prohibited by the Turks, it is not so difficult as formerly to obtain return cargoes.

This city was originally founded by a colony from

obtain return cargoes.

This city was originally founded by a colony from Sinope, but subsequently outstripped its parent city, and all its sister ports along the coast, in wealth and importance. It was a flourishing emportum when it was reached by Xenophon, and the ten thousand at the close of their memorable retreat. It continued to be an im-

portance. It was a Sourishing emporium when it was reached by Xenophon, and the ten thousand at the close of their memorable retreat. It continued to be an important city of the Greek empire till the subjugation of the latter by the Crusaders; when its duke of the Commeni family assumed the digalty of emperor. His dominion extended from Sinope to the Phasis, and his family reigned for more than 250 years, till Trebisond came into the possession of the Turks in 1460. (Smith and Dwight, Researches, \$c.,454—458.; Geog. Journal, vi. vii.; Kinnerir's Asia Minor; Com. Dict., \$c.)

TREGONY, a market town of England, co. Cernwall, hund. Powder, par. Cuby, on the Fal. 16 m. S.W. Bodmin. Area of the par. of Cuby, 2,410 acres. Pop. in 1831.1,292. This insignificant place would not have been worth notice in a work of this kind, but for the circumstance of its having sent 2 mems. to the H. of C. from 1829 down to the passing of the Reform Act, when it was most properly disfranchised. The right of election was in potwallopers residing within the bor. The pop. is almost exclusively agricultural.

TRENT (an. Tridentum), a town of the Tyrol, but within the natural limits of Italy, on the Adige, which here crossed by a fine bridge, 14 m. N. N.E. Roveredo, lat. 460 6' 26" N., long. 110 2' 45" E. Pop. 13,000. It is seated in a small but beautiful valley; being, however, from its elevation, exceedingly cold in winter, and, from the reflection of the surrounded by a pretty high wall, is well built with houses in the Italian style, has well-pasce belonging to the old prince-bishops of Trent, in a corrupt Gothic style, is of large dimensions, has some good apartments, fine freeco paintings, rare marbles, and extensive gardens. It has also a cathedral and several other church leil in, and we have not learned whether the original picture representing one of the sittings of the council, with portraits of its more distinguished members, that belonged to this church, escaped being destroyed. (Rompodd, iii. 1945.) It has also three convent

manufactures of slik and other fabrics. It is one of the seats of the transit trade between Germany and Italy; and exports wine, corn, tobacco, and iron, produced in the surrounding country.

This town, which is very ancient, became, in the middle ages, the cap. of a lordship under its bishops, by whom, in 1863, it was united to the Tyrol, in which it has since been comprised. The bishopric was secularised in 1803; but the bishop is still in the enjoyment of a handsome revenue. Under the French it was the cap, of the dep. of the Upper Adigs, and is now the seat of the government of the circle of the same name. (Marcel de Serres, Yosage de Tyrol, ii. 262; Esstace, i. 102, 8 vo. ed., &c.). But the celebrity of Trent is entirely owing to its having been selected as the place of meeting for the famous general council of the church, convoked by Pope Paul III., and which, after much procrastination, met for business on Dec. 13, 1845, and continued, though with several interruptions, through 25 sessions, till 1863, under three successive pontifis. It consisted of dignitaries of the church, representatives of the different universities, and of ambassadors from the princes and states attached to the communion of Rome. It was intended to revise, fix, and declare the doctrines of the

Legius, et verses revestre la pristina morus, and, if possible, to restore pesce and unity to the church. It may be said to have fully accomplished the first object, and, in some degree, also, the second; but, as might easily have been foreseen, it wholly failed in the third object, or in the attempt to smooth the differences and allay the violent struggles and animosities that then divided and agitated the Christian world. The constitution of the council, indeed, and the commanding insuence which the papal legates early acquired over its deliberations, deprived it of all pretence to the character of an impartial tribunal, and fully justified the Protestants in repudiating its authority and rejecting its decrees. The latter were subscribed by 25s legates, and have been generally admitted to contain, along with the eresed of Pope Plus IV, a complete, authoritative, and well-digested synopsis of the principles and doctrines of the R. Catollic religion.

The intrigues of which this council was the theatre have been developed with singular talent by Sarpi, in his famous History of the Council of Treat. But as Sarpi was the implacable enemy of the court of Rome, and has dexterously endeavoured to show that its pretendent.

and has dexterously endeavoured to show that its pretenand has dexterously endeavoured to show that its preten-sions were almost always unfounded, and its advocates in the council almost always in the wrong, his con-clusions, or, rather, the conclusions drawn by the reader from his statements, are not always to be depended on. The history of Sarpl, though an able and ingenious, can-not be said to be an honest or trustworthy work. Tire-boschi cautiously says of it, "Io son ben langi di soc-traere, che gli si debba credere clo ch' et raconata, solo perché gli it raconata!" (Letteratura Italiana, vili. 131, edis. Modena, 1793.)

TRUNY, a river of Engiand, being next to the

TRENT, a river of England, being next to ti Tamer, a liver of England, being uext to use Thames and Severn, by far the most important stream in that part of the U. Kingdom, not only on account of the length of its course, but of the fertile districts through which it passes, the immense number of canalisation with which it communicates, and the considerable rivers

it receives in its progress.

it receives in its progress.
It has its source near the Cheshire border, in the moorlands of Staffordshire, about 4 m. N. from Burslem. At first its course is nearly 8.E., when it makes a sudden turn by the E. to the N. near Burton-on-Trent. It afterwards divides Leicestershire from Derbyshire; and pursuing a N.E. course, by Nottingham to Newark, it turns more and more to the N. After dividing Nottinghamshire and Lincolnshire, and passing Gainsborough, it enters Lincolnshire at West Stockwith; and flowing N., with a little inclination to the E., unites with the great estuary of the Humber, at a place called Trent-falls. It may be navigated by vessels of 500 tons as far Sowing N., whe a laster the great sestuary of the Humber, at a place called Trontfalls. It may be navigated by vessels of 500 tons as far as Gainsborough, and by barges as far as Barton-on-Trent, a distance of about 117 m., having in this length-ened course a fall to low-water mark of only 118 ft., or very near a foot per mile. From Burton-on-Trent to its source, the rise of the river is about 376 ft.; at least, the summit level of the Caldon canal, which passes near the head of the Trent, is 494 ft. above the sea. (Priestley's Mon of Canada. &c.)

Man of Canals, &c.)

Of the subsidiary streams that fall into the Trent, the most considerable are the Blythe, Tarne, Dove, Derwent, and Soar; but of these it is only necessary to notice the last two. The Derwent rises in that part of Derbyshire called the High Peak; after passing Matlock, Crowslord, and Derby, it has a circuitous course from the latter to Wilden Ferry, where it unites with the Trent. It is navigable as far as Derby about 13 m.; but it has been superseded, as a channel of communication, by the Derby canal. The Soar rises E. from Winckley, in Leicestershire, it flows through a rich grazing country, and more than half encompasses the ancient town of Leicester. After receiving the Wrake, its course is N., with a little inclination to the W., till, passing Loughborough, it falls into the Trent mear Cavendish Bridge. Map of Canals, &c.) Of the subsidiary avigable to near Loughborough, a distance

It is navigable to near Loughborough, a distance of about 7 m.

The canals that communicate with the Trent are of the greatest importance: assisted by them, it affords an easy means of export for the manufactures of a large district of Lancashire; the sait of Cheshire; the produce of the Potteries of Staffordshire; it also opens a communication with the sea by way of Lincoln and Boston; through which channels, as well as the Humber, the articles above enumerated are conveyed; and, in return, the interior of the country is supplied, either by Hull and Gainsborough, or Boston and Lincoln, with such commodities as are required by an immense population. (Priestley's Treaties on Rivers, Canals, &c., 081.)

TRENTON, a town or city of the U. States, state New Jersey, of which it is the cap., though not the

church, to remove the abuses that had crept into its government, and the conduct of its functionaries,—

Legibes, et verses reveares a pristins mores, and, if possible, to restore peace and unity to the church, it may be said to have fully accomplished the first object, and, in some degree, also, the second; but, as might object, or in the attempt to smooth the differences and allay the violent struggles and animostities that then object, or in the attempt to smooth the differences and allay the violent struggles and animostities that the differences and are agitated the Christian world. The consettution of the council, indeed, and the commanding instrume which the papal legates early acquired over its deliberations, deprived it of all pretence to the character of an impartial tribunal, and fully justified the Protestants in repodiating its authority and rejecting its decrees. The latter were subscribed by 280 legates, car. The latter were subscribed by 280 legates, car.

and intrepianty on two many constraints of the Revolution. (Energe. Geog., Amer. eau.; Steart's America, 1. 382.)

TREVERS (Ger. Trier), a city of the Prussian dom, prov. Rhine, cap. of a reg. of the same name, on the Moselle, near its confinence with the Saar, and near the frontier of Luxembourg, 60 m. S. W. Coblents, lat. 49° 46° 37" N., long. 6° 38° 30" E. Pop. in 1838, 14,941d. Streets broad and straight; and some of the public buildings are imposing. Among the latter may be specified the cathedral, remarkable for its altars and marble gallery; the church of St. Simeon, of great antiquity; the elector's palace, now turned into barracks; the bridge over the Moselle, 690 ft. in length, the piers of which are supposed to have been built in the 38th year of the Christian sra; the gate of Mars (Porta Martis), of colossal dimensions and great antiquity, &c. Its ancient university was suppressed in 1794, but it has a college or seminary for the education of Catholic clergymen, a gymnasium, a colonical contraints and a nubble library, both of which

to have been built in the 28th year of the Christian arra; the gate of Mars (Porta Martis), of colossed dimensions and great antiquity, &c. Its ancient university was suppressed in 1794, but it has a college or seminary for the education of Catholic clergymen, a gymnasium, a collection of medala, and a public library, both of which belonged to the university; the latter comprises above 50,000 vols., many of which are scarce and valuable; it has also several hospitals, and a theatra. It is the seat of the government, has a prov. council, a tribunal of appeal for the prov., a tribunal of commerce, &c., with manufactures of linen, woollen, and cotton stuffs. Boats for the navigation of the Rhine are built here; and it has a considerable trade in Moselle wine, &c.

Treves is, perhaps, the most ancient, and was long the most celebrated, of the German cities. A Roman colony was planted in it during the reign of Augustus; and thence it was called Augusta Tressionasses. From the period it became a place of great importance, and was reckoned one of the bulwarks of the empire on the side of Germany. Constantine the Great and several other emperors occasionally resided in Treves. Anamianas Marcellinus calls it Domicclisms principssus claruss (lib. 18. s. ??). Ausonius, in his poem De Cleris Urbèbes, celebrates its praises, and notices the extensive commerce it carried on by the Moselle. Besidas the bridge, the Porta Martia, &c., other remains of buildings that still exist, and many coins and relics found in the town and fas vicinity, attest the power and splendour of its Roman masters. Beyond its walls are the ruins of an amphitheatre, cut in the side of a hill, where Constantine is said to have exposed some thousand Gauls to be torn by wild beasts. Treves was successively laid waste by the Huns, Goths, Vandals, and Franks, and as often rebuilt. It was for a lengthened period the cap. of the architahopric or electorate of Cleves. Latterly the pop, has increased considerably; though there is little probability that it will

of silk twist and stuffs, woollen cloths, paper, and cub-lery, with some trade in corn, wine, cattle, frukt, &c., occupy most part of the inhabs. A large fair is held each year, from the 3d to the 18th of October. This town appears to have been a Roman susmicipisms. Under the Lombards, it was the cap. of one of the two marches or margraviates which they established on the confines of their kingdom in Italy (Ancona having been the cap. of the other). Under the French it was the cap. of the dep. Tagliamento. Napoleon conferred the title of Duke of Trevisco on Marshal Mortier. (Rampolei j Austr. Nat. Ence.)

et. Encyc.) TREVOUX (an. *Trivie*, or *Trivium*), a town of

TRICALA.

France, dep. Ain, cap. arrond. on the declivity of a hill, on the Saône, 13 m. N. Lyons. Pop., in 1836, 2,329. It was formerly surrounded by walls and towers; and, on the summit of the hill on which it is built, are the ruins of its old castle, commanding a most extensive view over the surrounding plain. It has an antiquated appearance, with narrow streets, and mean-looking houses. Having been formerly the cap. of the principality of Dombes, and the seat of a parliament, courts of justice, a mint, &c., it has still to boast of some considerable ancient edifices, including the hall in which the parliament meet, the hall of the courts of justice, an hospital founded by Anne Marie Louise D'Orleans, a quay on the Saône, &c. It has, also, a tribunal of original jurisdiction; a cloth manufactory; a royal establishment for the refining and assay of gold and silver; and some trade in the products of the surrounding country. It is very ancient. The emperor Severus defeated, asso 197, his competitor Albinus under its walls.

very ancient. The emperor Severus deteated, asked 197, his competitor Albinus under its walls.

Trevoux has attained to considerable distinction in literary history. Louis Auguste de Bourbon, prince of Dombes, endeavoured to make it a sort of literary capital, and, in this view, he established, in 1695, a considerable printing-office in the town, in which he also intended to found a college. And not long after, or, in 1701, the well known and very learned monthly publication, entitled the Journal de Trevoux, conducted by the Jesuita, began to issue from this press; where it continued to be printed till 1724, when it was transferred to Paris. Here, also, appeared, in 1704, the first edition of the Dictionsaire de Trevoux, in 3 vois. folio. There were several subsequent editions of this raluable work, most of which, however, were printed and published in Paris. Of these the last and best edition, in 1771, was so much enlarged as to comprise 8 vois. folio. (Hugo, art. Airs; Moreri, art. Trevoux.)

TRICALA or TRIKHALI (an. Triccs), a town of European Turkey, cap. of the prov. of same name, identical with the an "Thesely on the R side of a mountied

dis; Moreri, art. Tresout.)

TRICALA or TRIKHALI (an. Trices), a town of European Turkey, eap. of the prov. of same name, identical with the an. Thessaly, on the E. side of a mountain ridge, 2 m. N. from the Selymbria (an. Peness), and 37 m. W. by S. Larissa. Pop. estimated at from 10,000 to 12,000, chiely Turks. It is of considerable extent; and the houses being intermixed with gardens and trees, it appears to be built in a wood, and the lofty minarets of its mosques vising above the trees give it a picturesque appearance. It has several Greek churches and synagogues. At the height of 10 or 13 ft. above the pavement a wooden trellis-work interwoven with vines is carried over the streets, completely shading the passengers below. The shops are clean, and tolerably well furnished, and their possessors, who are chiefly Greeks or Jews, have a respectable appearance. (Holland's Trav. p. 249.) According to Strabo, this city had a magnificent temple of Esculapius; but no traces of this edifice are now known to be extant. On a hill above the town are the ruins of a castle apparently dating from the time of the Greek emperors, and commanding a fine view over the plains of Thessaly. These are depastured by numerous locks of sheep, and also produce a good deal of cotton, the manufacture of blankets, coarse woollens, and cotton stuffs, occupying many of the inhabs, of Tricals. Its trade is also pretty extensive, from its being on the principal road from Yanna to Constantinople, and commanding the only pass by which supplies of corn and other provisions are brought from Thessaly into Albania. The latter circumstance renders it important as a military post. (Hughes, Trav. in Albania, §c. 1. 130.; Cremer's Asc. Greece.)

other provisions are brought from Thessaly into Albania. The latter circumstance renders it important as a military post. (Hughes, Trav. in Albania, &c. 1.120.; Cramer's Anc. Greece.)

TRICHINOPOLY, a distr. of British India, presid. Madras, chiefly between lat. 10° 30° and 11° 30° N., and long. 78° 10° and 79° 30° E., having N. Salem and S. Arcot, E. Tanjore, S. the latter and Madura, and W. Salem and Coimbatore. Area, 3,168 sq. m. Pop., in 1836-7, 804,730. The Cavery runs from W. to E. through the country, irrigating a considerable extent of rice land. In addition to rice, sugar-cane, with tobacco and betel-leaf, are grown in the tracts watered by tanks and wells: in the dry lands the other usual products of the Carnatic are extensively cultivated, and there is good pasturage for sheep and cattle, which are numerous. The principal imports are glue, oil, tobacco, pepper, and areca nut; while the exports comprise cloth, indigo, saltpetre, and cotton. The principal manufactures are cloth, for domestic use, and indigo, with some subsidiary articles made in the town of Trichinopoly (which see). Total land revenue, in 1836-7, 128,385 rupees.

Taicsinopoly, a large fortified town of British India, resid. Madras, capo of the above distr., on the Cavery, 186 m. S.W. Madras. Pop., exclusive of troops, estimated at 74,000. (Madras Almanac.) It is of an oblong form, nearly 1 m. in length, N. to S., by about 4 m. in breadth. Exclusive of some outworks, it is surrounded by a double wall and ditch, with a covert way and glacis. But its defences are now mostly in a ruinous state, except the citadel near its N. extremity, which, being situated on an elevated rock, commands any military operations carried on in any part of the vicinity. On

this rock also stands a large and massive pagoda, and a pillared square building, with a statue of Hanuman, occupies the highest peak, while in the 8, face of the rock is a small sculptured excavation in the style of some of the cave temples at Eliora. The jewellery made at Trichinopoly had formerly much celebrity; and Trichinopoly chains are still in request. Cotton cloths, table linen, harness, &c., are made here; and the town is an emporium for a great variety of manufactures. It is well adapted for a military station, as, besides being well supplied with different kinds of merchandize and artispans, the roads about it are so good as to admit, at versans, the roads about it are so good as to admit, at versans, the roads about it are so good as sans, the roads about it are so good as to admit, at every season, of an easy communication with Madras, Vellore, and Mysore. Hence, also, diverge all the great roads leading to Tanjore, Madura, and Dindigui, the three chief stations in the S. part of India. (Madras Al-

and Mysore. Hence, also, diverge all the great roads leading to Tanjore, Madura, and Dindigul, the three chief stations in the S. part of India. (Madras Almassac, &c.)

TRIESTE (an. Tergeste), a town and principal seaport of the Austrian empire, cap. gov. and circ. of its sown name, prov. lilyria, on the Adriatic, near its N.E. extremity, 73 m. E. by N. Venice. Lat. 48° 28° 37" N. long. 13° 48° 27" E. Pop. in 1836, of the city only, 51, 246. The pop. of the town and its district, comprising about 40 sq. m., amounted, in 1839, to 75,551, having increased to that amount from 45, 232 in 1821! (Bovering's Rep.; Rerghaus.) Trieste is divided into the old town, the new town, or Theresienstadt, the Josephstadt, and the Frauenrovitatic (Francis' suburb); the old town stands at the foot and on the declivity of a steep hill crowned by the citadel: it has dark, narrow, winding, and frequently atsep streets, with gloomy-looking houses, and is surrounded by the remains of ancient fortifications. The mew town, immediately N. Wo of the former, and built on level ground, partly taken from the sea, consists, on the contrary, of handsome streets, crossing each other at right angles, and lined with neat buildings. It is partially intersected by the canal cut by Maria Theresa, by means of which vessels drawing 9 or 10 ft. water may load and unload at the doors of the warehouses. Between the new and old towns runs the Corso, the principal thoroughfare, broad but winding, furnished with too space and handsome squares. The principal junched for its importance in modern times. In this square the great vegetable and fruit market is held, and on one side of it is the locanda-ground, or principal hotel, commanding a fine view of the harbour. The exchange, the finest building in the city, stands in another square, in which is a statue of Leopid I. Continual improvements appear to be taking place in and around Trieste; many new streets and promendaces have been laid out, and public walks planted with free; new moles, and a signantic hospit

planted with trees; new moles, and a rigamite hospital, the cost of erecting which has been estimated at 800,000 florins, have very recently been constructed.

The cathedral, in the old town, is supposed to occupy the site of a temple of Jupiter. It is in the Bysantine style; its interior, like St. Mark's at Venice, is ornamented with mosaics; and many Roman inscriptions, carvings, &c., are built up in the walls. It contains the monument of Winkelmann the antiquary, author of the famous work, Histoire de l'Art chès l'Assignate, assassinated here in 1768. There are 5 other Rom. Catholle, 2 Protestant, and 2 Greek churches, a synagogue, and an English chapel. The fluest of these edifices are the Greek churches, particularly that at the head of the great canal, with a magnifecent marble altar, and an organ esteemed among the best in Italy. The church of the Jesuits merits attention by its architecture and fine paintings, and the palace of the governor is also an imposing structure: the handsomest residence is the house formerly belonging to a Greek merchant of the name of Careiotti, who, having begun business in Trieste almost as a pediar, is said to have died worth 1,000,000. sterling! (Spencer.) The castle formerly constituted the main protection of the town and harbour, and is still maintained in a tolerable state of defence. The great theatre is specious, and there are several minor theatres. Among other objects worthy of notice are the barracks, post-house, dockyard, lasarettes, one of which is samong the most perfect establishments of its kind, and the terrace of the casino ornamented with several statues.

Trieste is in the S. what Hamburg is in the N., the great commercial entrent of Germann.

Trieste is in the S. what Hamburg is in the N., the great commercial entrept of Germany. A harbour, which, though rather limited in size, is easy of access and convenient, has been formed by the Theresian Mode, founded on a ledge of sunken rock, and projecting N.W. into the sea from the S. extremity of the old town. At its termination has been formed an irregular platform about 1,100 ft. incirc., on which have been erected a fortress and light-house, with an intermittent light 106 ft. above the sea. Another light-house, having the point of Salvore, about 18 m. W. by S. Trieste. The Trieste is in the S. what Hamburg is in the N., the

port, with the Mole, forms a crescent 1½ m. in length, being a continued quay, faced with hewn stones, and with stairs and jetties for the convenience of embarkation. On the N. side of the port is a dock or harbour, appropriated exclusively for vessels performing quarantine. It is walled round, and furnished with hotels, warehouses, and every sort of accommodation for passengers and goods. Ships under 3:0 tons burden lie close to the quays; those of greater size mooring in the rouds in front of the city. The principal defects of the port are its limited size, and its being exposed to N. W. winds, which sometimes throw in a heavy sea. The gales, however, are seldom of long continuance; and the holding ground being good, when proper precautions the holding ground being good, when proper precautions

are taken, no accident occurs.

Trieste being a free port, goods destined for its consumption, and that of the adjoining territory, pay no duties; but such as are taken into the interior for consumption pay, of course, the duties in the Austrian tariff. The transit duties and shipping charges are extremely

reasonable.

The exports are very various, consisting partly of the raw and partly of the manufactured products of Austria Proper, Illyria, Dalmatia, Hungary, and Italy; with foreign articles imported and warehoused. Among the principal articles of raw produce may be specified, corn, principal articles of raw produce may oe specimed, corn, chiefly wheat and malze, with rice, wine, oil, shumae, tobacco, wax, &c.; silks, silk rags and waste, hemp, wool, flax, linen rags, hides, furs, skins, &c.; the produce of the mines makes an important item, consisting of quick-silver, cimabar, fron, lead, copper, brass, litharge, alum, vitriol, &c.; the forests of Carniola furnish timber, for vitriol, &c.; the forests of Carniola furnish timber, for ship-building and other purposes, of excellent quality, and in great abundance, with staves, cork wood, box, hoops, &c.; marble also ranks under this head. Of manufactured articles, the most important are, thrown silk, silk stuffs, printed cottons from Austria and Switzerland, coarse and fine linens, and all sorts of leather; under this head are also ranked soap. Venetian treate, liqueurs, &c., with jewellery, tools and utensils of all sorts, glass ware and mirrors. Venetian beads, refined sugar, and a host of other articles. Trieste is also a considerable dépât for all sorts of produce from the Black Sea, Turkey, and Egypt.

The principal articles of importation consist of sugar, coffee, dye-stuffs, cotton-wool from the Levant and the U. States, cotton goods and cotton yarn, silks, oil, tin

Conce, eye-stuis, cotton-wool from the Levant and the U. States, cotton goods and cotton yarn, silks, oil, tin plates, salted fish, and a host of other articles. The value of the imports always exceeds that of the exports, occasioned in part by their being subsequently transshipped to other ports, and partly by there being an excess of exports as compared with imports from other parts of the empire. We subjoin

An Account of the Quantities of the principal Articles of Foreign Raw Produce imported into Trieste during each of the 4 Years ending with 1847.

3,455 1,497 1,536 6,115 2,403 6,851 5,850 7,787 1,379	108,001 56,744 30,100 210,402 39,109 165 53,780 9,193	45,045 26,527 253,557 56,920 46	40,500
6,851 308 5,850 7,787	59,109 165 53,780 9,195	50,920 46 37,167	40,500 817 34,780
5,850 7,787	165 53,780 9,195	37,167	217
		18,549	20,200 8,873
2,175	102,409	111,454	104,570
9,415 0,594 8,075 8,142 1,325	50,040 64 7,070	15,411	25,918 59,334 545 10,970 1,470
5,416	542,077	576,070	676,497
1,597	7,169 95,941	4,514	1,173
	1,313 66,000 65,000	7,491 69,935 115,500	
	5,955 1,597 238 472 8,000 0,000	5,955 7,169 1,597 25,941 238 535 472 1,313 8,000 66,000 0,000 65,000 0,000 40,000	5,955 7,169 4,814 1,597 25,941 40,555 238 535 437 472 1,513 7,491 8,000 66,000 59,935 0,000 65,000 115,500

At an average, the value of the imports into Trieste may

At an average, the value of the imports into Trieste may amount to from 4 to 4 millions sterling.

The Lingd Austriaco gives the following return of the navigation of Trieste in 1839. (See next col.)

Trieste is the seat of the administration for its gov. and the Hiprian coast, of courts for the town and circle, a tribunal of commerce, the central board of health for

Arrivals-	Vennels.	Tons.
Sailing vessels engaged in foreign trade Steam vessels (ditto) Sailing boats engaged in the coasting trade Steam boats Steam boat Steam boat (ditto)	1,836 24 2,858 203 7,714	228,253 7,748 105,712 46,890 179,236
Total	12,657	567,841

the empire, and a board of police, &c., and is a bishop's see. It has an imperial academy, a school of navigation, the empire, and a board of police, &c., and is a bishop's see. It has an imperial academy, a school of navigation, normal, female, Jewish, Greek, and elementary schools, namy charitable institutions and learned societies, and several periodical publications. There are no public banks, but several private establishments of undoubted solidity, and various insurance offices. Trieste has manufactures of rocegido, wax-lights, leather, soap, playing rards, musical instruments, &c., with dyeing-houses, sugar refineries, potteries, and distilleries. It communicates by different three times a week with Vienna; and by steam packets once a month with Smyrna and Constantinople, and continually with Venice and other towns on the Adriatic. It is better supplied with provisions than might have been expected from the sterility of its environs; they are supplied chiefly from Dalmatia and the country round Venice. But notwithstanding the cheapness of most articles, owing to the absence of duties, Trieste is not a desirable residence for persons not engaged in business. Water is scarce and bad; the climate is in extreme; and the E. N. E. wind, known by the name of Bora, is very piercing. A mixture of all nations is met with here, and all the principal merchants and traders are foreigners. German is spoken by the authorities and in the newhite offices have trained to the service of the authorities and in the newhite offices have trained to the substitute of the subs

known by the name of Bora, is very piercing. A mixture of all nations is met with bere, and all the principal merchants and traders are foreigners. German is spoken by the authorities and in the public offices, but Italian is the prevailing language of the middle classes, while the lower speak a Siavonic dialect.

Traces of an amphitheatre and other Roman remains exist at Trieste. During the middle ages it was the cap, of a small republic; but its history presents little remarkable till [719, when Charles VI. made it a free port. TRIM, an inland town of Ireland, prov. Leinster, ec. Meath, of which it is the cap., on the Boyne, here crossed by a bridge, 25 m. N. W. by W. Dublin. Pop. in 1841, 2,969. This is a very old town, having been given by Henry II., as part of the palatinate of Meath, to Hugh De Lacy. The latter constructed the castle, which, from its extent, strength, and elevated situation on the banks of the river, was at once the largest and most important of the numerous fortifications erected by the English within the limits of the Pale. The ruins sufficiently attest its ancient grandeur. On the other side of the river are the ruins of St. Mary's Abbey, an ancient and extensive edifice; and there are some other ecclesiastical remains. The town had, also, been surrounded by walls, considerable portions of which are still entire. Indeed it was anciently the occasional seat of the lords-lieutenant; and several parliaments have been beld within its walls. It was taken, without opposition, by Cromwell, in 1649.

At present, however, notwithstanding it is the co. town, Cromwell, in 1649.

within its walls. It was taken, without opposition, by Cromwell, in 1649.

At present, however, notwithstanding it is the co. town, Trim is of little importance. Its principal public building is the new co. gaol, an extensive structure on the radiating plan. It has, also, an ancient par. church, a Rom. Cath. chapel, a dispensary, an infantry barrack, with a co. infirmary, schools, &c. It returned 2 means, to the Irish H. of C. till the Union, when it was disfranchised, and since then it has continued to decline. The assizes for the co. are held here, and general sessions twice a year, and petty seasions on alternate Saturdays. It is a constabulary station, and has a flour-mill, a brewery, and a tannery. Markets on Saturdays; fairs March 27., May 8., Wednesday after Trinity Sunday, Oct. 1., and Nov. 16. Post-office revenue in 1830, 3844.; in 1836, 3774. About 3 m. S. from the town, on the road leading to Summerhill, is Dangan, formerly the property of the Earl of Mornington, and memorable as the birth-place of the Duke of Wellington. The house in which the great general first saw the light has, however, been wholly pulled down; but a handsome pillar, surmounted by a statue of his Grace, has been erected in the town, in commemoration of his achievements and of his connexion with the vicinity.

TRINCOMALER, a marit, town of Ceylon, on its

memoration of his achievements and of his connexion with the vicinity.

TRINCOMALEE, a marit. town of Ceylon, on its N.E. coast, near the entrance to one of the finest bays in the world, about 180 m. N.E. Colombo, lat. 80 28 N., long. 810 87 E. The town, which is but inconsiderable, is built at the foot of a rock, on which is the fort, on the outside of a narrow peninsula or tongue of kind bounding the harbour on the B. It has but few European inhabs., and what is remarkable, few Singalese; the lower classes being principally Malabar R. Catholics. The fortifications form a sweep of above i m. in length along the shore. Fort Frederick is a station for four companies of a Buropean regiment, a company of royal engineers and artillery, and detachments of the Ceylon rifle corps. Fort Ostenberg, on the termination of a ridge of hills, about 3 m. S.W. Trincomales, commands

the entrance of the harbour, and the dockyard close beneath. It forms the bead quarters of a detachment of artillery and a Bancopean company. The fortifications here were mostly constructed by the Portuguese: the Dutch did little or nothing for the improvement of the place while in their possession.

The harbour of Trincomalee was styled by Nelson "the finest harbour in the world." It is almost land-locked, and the water is so deep that it is all but practicable in many places to step from the shore on board large vessels moored alongside. During the N.E. monsoon, when all the ships on the Coromandel coast and in the Bay of Bengal are obliged to put to sea, Trin-

ticable in many places to step from the shore on board large vessels moored alongside. During the N.E. monsoon, when all the ships on the Coromandel coast and in the Bay of Bengal are obliged to put to sea, Trincomalee is their principal place of refuge, and a vessel from Madras can reach it intwo days. The town, which may be considered as the military cap. of Ceylon, surrendered to the English in 1795. (Hamilton; Modern Trav., &c.)

TRING, a market town and par. of England, co. Hertford, hund. Dacorum, on the London and Birmingham railway, and on the road from London to Aylesbury, 30 m. N.W. London. Area of par. 7,280 acres. Pop. in 1841, 4,560. The town consists principally of two streets; it is tolerably well built, the houses being mostly modern. The church is an embattled structure, with a massive tower and low spire at the W. end. The living, a perpetcuracy, worth 157L a year, is in the gift of the dean and chapter of Oxford. There are meeting-houses for Baptists and Independents, a Lancastrian school, &c. The inhale. are principally employed in the manufacture of straw plait, canvas, and a few silk fabrics. Markets on Fridgys; Fairs, Easter Monday, and Oct. 11. The railway here attains a height of 420 feet above the level of the sea, being its highest or summit level. Tring park, in the vicinity, was built in the reign of Charles II.

TRINIDAD, an island of the W. Indies, or Antilles, being the most southerly of the group called the Windward Islands, and next to Jamaica, the largest and most valuable of the islands belonging to Great Britain in this part of the world. It lies immediately off the N.E. coast of Colombia and the N. mouths of the Orinoco, between the 10th and 11th degs. of N. lat. and the 61st and 62d of W. long., its N.W. extremity being only about 13 m. from Puta de la Pena, the extremity of the peninsula of the Orinoco. On the W. Trinidad bounds the Gulph of Paria, and on all other sides it is surrounded by the Atlantic. It is of a square or oblong form, with considerable projectious at a

of the Orinoco. On the w. I riminas nounds the Cuipn of Paria, and on all other sides it is surrounded by the Atlantic. It is of a square or oblong form, with considerable projections at all its angles except the S.E. Length, N. to S., 50 m.; average breadth, (exclusive of its projections,) about 35 m. Area estimated, by the best authorities, at 1,200,000 acres, or about 2,000 sq. m., though it has also been estimated at above 1,500,000 acres. Resident pop., in 1844, 59,814, of whom about 4,000 are whites; but there are doubts as to the correctness of this return. The mountain chains run from W. to E., and may be regarded as continuations of the chains on the opposite coast of Venezuela, from which this island has most probably been detached by some convulsion of nature. Along the N. shore a bold range of mountains rises to the height of 3,000 ft., broken into the most rugged and abrupt forms, and clothed to the summit with forest trees. Towards the S. extends atom of hills of iess elevation, and of a more pastoral character, while the centre of the island is occupied by a group of fast or round-topped hills, dividing it, as it were, into of hills of less elevation, and of a more pastoral character, while the centre of the island is occupied by a group of flat or round-topped hills, dividing it, as it were, into two extensive valleys, which are occasionally intersected by a succession of hill and dale. The whole island is well watered by numerous streams in every direction. The principal are on the W. coast: the Caroni, navigable for 6 leag. from its mouth; and on the E. the Oropuche and Nariva, which last is said to be navigable for vessels of 250 tons to a league from its source. The N. and E. coasts are not well furnished with barbours; which is unfortunate, as the winds blow from those quarters for three fourths of the year. But the W. coast has numerous bays and inlets; and the Gulph of Paria is an extensive inland sea, in which ships of all sizes may ride securely, and anchor any where without the smallest risk, and in any convenient depth of water. (Bluss's American Coast Pilot, p. 425.)

The greater part of the interior of this island is uncultivated, and, indeed, in a considerable degree unexplored. The low grounds are in parts marshy, while the more elevated portions are, for the most part, covered with a dense vegetation of forest and underwood. The accounts best entitled to credit represent the island as being naturally extremely fertile. The soil is, in general, deep, stiff, and tenacious; and it is said that, if properly cultivated, it could alone supply sugar adequate for the consumption of England. It might be supposed with forests, the atmosphere would be generally overloaded with moisture. It does not, however, appear

with forests, the atmosphere would be generally over-loaded with moisture. It does not, however, appear that the fall of rain is as great as in Guiana, the average being about 65 in. a year; and this is said to diminish with the progress of cultivation. The dry season com-

mences in Dec., and ends in May; but it is a peculiar advantage of this island that it is exempted from those destructive droughts common to all the other W. India islands from Barbadoes to Cuba. During June and July islands from Barbadoes to Cuba. During June and July showers are frequent; and in Aug., Sept., and Oct., the rain falls in torrents, often accompanied by violent storms. The weather generally moderates, and the rains become more slight, towards the end of Oct., and there is seldom any fall after the beginning of Dec. The nights are generally cool and pleasant. The mortality during the twenty years ending with 1836, averaged about 10 per cent. of the white, and 4 per cent. of the black troops a year. Fevers and dysenteries cut off most of the whites. (Papers relating to the W. Indies, 1841-2, Trinsides; Twillock's Rep. on the Health of the Troops in the W. Indies, p. 17—19.)

It has been estimated that only about 1-30th part of the surface of this island is incapable of cultivation.

Trinsided; Tuloch's Rep. on the Health of the Troope is the W. Indies, p. 17—19.)

It has been estimated that only about 1-30th part of the surface of this island is incapable of cultivation. The settled portions of Trinidad are mostly confined to the N.W. and a few places along the S.W. coast. It is stated in a Report by a sub-committee of the planters of Trinidad, that, in 1838, 308, 379 acres of land had been appropriated, of which 43, 356 were in cultivation, and that 1,079,301 were them unappropriated, and belonged to the crown. (Papers relating to W. Indies, Trinidad, p. 103.) Of the cultivated land, 33,000 acres are said to be under the sugar cane, being divided into above 180 estates, the capital invested in which is estimated at 2,200,0002. sterling. The rest of the cultivated lands are occupied by cooos plantations (7,000 acres), coffee do. (1,100), and provision and pasture grounds.

This island, like the other W. Indian colonies, has suffered greatly since the emancipation of the slaves from a want of labour; for, from the abundance of the land and its fertility, it might, were labour to be had on reasonable terms, make a rapid progress. To obviate its deficiency, above 4,000 coolies have been imported from India, with nearly as many Africans, besides a large number of immigrants from other islands. But the anticipations of advantage from this influx of foreign labour have been only in a small degree realised. The coolles have suffered much from sickness; and when imported they and then Africans are quite ignorant of their duties as labourers. In this respect, indeed, they are no better than children; and children, too, with but little aptitude to learn and a great aversion from labour. "The African," says Lord Harris, governor of the island, "for the most part lives and remains a savage. He frequently leaves the cultivated lands and joins his countrymen at one of the several villages which they have been permitted to establish. Here, when he has once escaped, the proprietor and the law are baffled.

to engage with either vigour or alacrity in the cultivation of sugar estates. And this, after all, is only what all men of sense might have anticipated. The blacks can provide for the comparatively few wants incident to such a climate with but little exertion, and having done this, is it to be expected that they should do more? It is idle to suppose that blacks in the W. Indies, now that they are

it to be expected that they should do more? It is idle to suppose that blacks in the W. Indies, now that they are free, will make the same exertions they were compelled to make when they were slaves. The free inhabitants of all fertile tropical countries are, we believe without a single exception, uniformly indolent. The dolor few sicate is their summan bonsom. And to suppose that such persons should be industrious is equivalent to supposeing that there may be an exertion without a motive, an effect without cause. If an hour's labour a day will fully supply a man's wants, it is absurd to suppose he should continue to labour three or four hours.

Cocos is more extensively grown in Trinidad than in any of the other British Antilles, and is of superior quality. The cocos-tree somewhat resembles the cherry-tree, and grows to about 18 ft. in height. It flourishes most in the new soil on the banks of rivers, delighting in shade, to procure which plantain or coval-bean trees (madre dei cacco) are planted between every other row. The cocoa seeds are placed in small mounds, two seeds being sown together; and the weakest plant of the two afterwards destroyed; the survivor is transplanted after attaining 15 or 18 inches in height. Until the age of years, all the flowers are destroyed as they appear. The bruit grows in a pod, which, as it ripens, changes to a bluish red or lemon colour. The crop is gathered throughout the year, but principally in June and Dec. The ripe pods are broken or cut open, and the seeds extracted with a wooden spatula. They are afterwards spread out to dry in the sun on rush mats. When quite dry and hard, the nuts are lightly packed in boxes or bags, and kept dry for exportation. Coffee, indigo, tobacco, and cotton, come to perfection, though

mostly grown only in small quantities. Here, also, are all the fruits and vegetables of the adjacent tropical climates, and the vines transplanted from France or Spain are said to equal their parent stocks. The mountains, like those of the adjacent continent, consist or span are sear to equate their parent stocks. Are mountains, like those of the adjacent continent, consist chiefly of argillaceous and micaceous schist; milky quarts, ferruginous sand, pyrites, arsenic, aium, suiph. copper, plumbago, sulphur, &c. are found; but the most abundant mineral is asphaitum, which may be supplied in any quantity. It is found in the greatest profusion in the lake Brea, or pitch lake; an area of about 150 acres in the N.W. side of the island, about 20 m. S. from Port Spain, and about 80 ft. above the level of the sea. Though called a lake or lagoon, this depôt of pitch is for the most part quite solid, rent, however, by chasins, varying from 3 to 20 feet in width, but of no great depth, so that they are traversed without much difficulty. Here and there, wherever there is any soil, are clumps of stunted trees. The liquid part of the lake, on the side nearest the sea, is supposed to be about 8 acres in extent, and consists of fluid pitch of unknown depth, in a state of slow ebuilition, and exhaling a strong bluminous

and sulphurous odour. This vast pitchy esuldron must be approached with extreme caution. It has been attempted to apply the asphaltum brought from this lagoon to the same purposes as pitch and tar, but it is found to require so large an admixture of oil that it becomes too expensive. If it could be econousically applied, Trinidad might furnish abundant supplies for the whole world. (Trinidad Almanac for 1840, App. c. 4.)
Exclusive of the pitch lake, Trinidad has several extinct volcanic craters, active mud volcanoes, and other evidences of volcanic agency. Slight abocks of earthquakes have also been occasionally felt, but happily the island appears to be exempted from the scourge of hurricanes.

ricanee

ricanes.

Trinidad was greatly neglected by the Spaniards, and previously to 1783, when emigration to it was first actively promoted by them, no more cocae, indigo, and other products were exported than sufficed to freight a small schooner two or three times a year to St. Eustattus. Since then the progress of cultivation has been comparatively rapid. We subjoin an

Account of the Quantities of the principal Articles imported into the U. Kingdom from Trinidad in the undermentioned Years.

	Ar	ticles.			1881.	1835.	1840.	1845.	1848.	1849.
Sugar Molasses Rum - Coffee Cocca -	:	:	:	gall.	3%7,167 53,562 64,933 3,008 1,637,990	289,393 84,508 9,586 23,060 160,617	245,778 69,698 20,539 253,183 2,007,494	364,152 94,465 2,687 9,630 2,960,215	\$91,673 104,635 350,002 5,962 2,077,474	424,466 158,334 84,872 4,923 2,715,604

The total value of the exports amounts, in ordinary years, to about 450,000′. or 500,000′. though occasionally, as in 1848, it is much less. The total value of the imports is about the same as that of the exports. In 1849 the declared value of the exports from the U. Kingdom to Trinidad amounted to 247,779′. principally cottons, linens, leather manufactures, iron and steel, soap and candles, &c. The revenue and expenditure of the island are each about 80,000′. a vear.

&c. The revenue and expenditure of the Island are each about \$0,000. a year.

Trinidad, like St. Lucia and British Guiana, is governed by a governor and council, acting under the orders of the home government. The legislative council of the island consists of 12 members, 6 of whom are styled official, holding high offices, and 6 non-official, being selected from among the inhabs.; all are removable at the pleasure of the crown. The laws of the island are a mixture of those of Spain and England, and it is said that much mischief has been occasioned from the circumstance of the indees and other functionaries sant from England. of the judges and other functionaries sent from England being ignorant of the former. The office of coroner does neing ignorant of the former. The office of coroner does not exist here, nor trial by jury in the supreme criminal court. Every person about to leave the island must first give public notice of his intention, and obtain a pass from the governor.

The settled part of Trinidad is divided into 11 districts.

The settled part of Trinidad is divided into 11 districts. The cap. and seat of government, Port Spain, which in 1839 had 11,693 inhabs., is situated on the W. coast of the island, near the mouth of the river Caroni. It is one of the handsomest towns in the West Indies, being built wholly of stone or brick, with wide and well kept streets, some of which are shaded with rows of noble trees. It has Protestant and Roman Catholic churches, a Presbyterian secession church, and a Methodist chapel. The stores and magazines are crowded with valuable merchandise, which, however, is partly destined for the supply of Colombia. In the vicinity of the town are Fort George, now nearly dismantled, and St. James' barracks. The latter are said, in the Trinidad dimenac, "to be placed, on account of an infamous job, in one of the most pestilential spots in the island." (p. 99.) The harbour is good, and, in fact, as already stated, the entire gulph of Paris may be regarded as a magnificent harbour. Between 40 and 50 public and private schools are established in Trinidad, and are well attended. The regular military force amounts to about 500 men, including officers.

tablished in Armicas, and any control tablished in Armicas, regular military force amounts to about 500 men, including officers.

Trimidad was discovered by Columbus in 1498, and was taken possession of by the Spaniards in 1588, an event followed by the almost total extermination of the Indians. Raleigh visited it in 1598. The French took it in 1696, but soon afterwards restored it to the Spaniards, who held it till taken by the English under Abercrombie in 1797. (Trimidad Almonac for 1840; Parl. Papers.)

TRIPOLI, the most easterly of the Barbary states, the dominions of which, exclusive of Tripoli proper, comprise Barca and Feszan, noticed in other parts of this work. Tripoli Proper iles between lat. 29° and 33° N., and long, 10° and 20° E.; having E. Barca, W. Tunis, S. Fesxan and the desert, and N. the Mediterranean. It stretches along the North African coast about 800 m. E. and W. Its breadth inland varies greatly, owing to the frequent interruption of the desert; but its area has been estimated at nearly 100,000 sq. m., and its pop. at from 1½ to 2 millions, principally Moors and Berbers, with some Turks, Negroes, Jews, and Christians.

In antiquity, Tripoli proper was called the Regie Syrtica, from its lying between the Syrtis Major, now the gulph of Sidra, on the E., and the Syrtis Major, now the gulph of Sidra, on the E., and the Syrtis Minor, now the gulph of Cabes, on the W. The former, or Syrtis Major, is a very extensive bay, extending from Bengany on the B. to Cape Mesurata on the W. about 280 m, having where greatest a breadth of 150 m. This gulph was reckoned in antiquity, next to the strait of Scylla and Charybdis, by far the most dangerous part of the Mediterranean, principally on account of the shallowness of its waters, which were said to be encumbered with quick-sands, and partly also from the Irregular action of its tides. "Ferson importaneous adjace afrox, ct ob vedoruss principal arthurnits et refluentis inglesius." (Pomp. Mada, 1lb. 1. cap. 7.) The dangers of the Syrtis have also been requently alluded to by the poets, who have given it the epithet of inhospitable:

" per inhospita Syrtis Litora, per calidas Libyes sitientis arenea." Lucano, ilb. i. v. 367.

Litora, per calidas Libyes stients arman."

Leces, ilb. 1. v. 367.

See also Virgil, Encid, i. v. 110.: Horace, Od. i. 27, &c.

But though the navigation of the greater and lesser Syrtis, especially the former, be not free from damper, this has been greatly exagerated by the ancients. During strong N. gales a very heavy sea is certainly thrown into the gulph, and the S. shore being low and sandy, a considerable portion of it is submerged, and the waters of the entire gulph have an extremely agitated and turbid appearance; but in ordinary weather it may be navigated by middling-sized vessels with little or no difficulty. "The gulph of Sidra," says Captain Smyth, "has few er no dangers, excepting little heads of rocks scattered about different points, and the tides are insignificant. With the hand-lead going, a vessel may approach all parts; but of what utility can it be to enter here, there being but one place in the whole gulph worthy to be called a port? We could find anchorage for small vessels only at Bushalfa and Braigs, at the bottom of the gulph; and Gharra island, Karhora, and Bengazy [which see], on the E. coast."

But it is obvious from this statement, and from the want of harbours and roadsteads, that when the vessels of the ancients, who had comparatively little skill in navigation, got embayed in this gulph during the prevalence of northerly gales, they must have been in an exceedingly perilous situation, and we need not therefore be surprised at the exagerated terms in which they have described its terrors.

The coast-lands, except at the bottom of the gulph of Sidra, where the desert and sea are conterminous, are there, as in the rest of N. Africa, extremely fertile. These, however, seem to be the only valuable portions of the surface. The Atles ranges approach nearer the sea here, as in the rest of N. Africa, extremely feetile. These, however, seem to be the only valuable portions of the surface. The Atles ranges approach nearer the seasers that has no river of any consequence, though a number of

TRIPOLI.

sometimes experienced from a continuance of drought; but when this is not the case, the country appears to have lost none of its ancient productiveness. According to Mr. Blaquiere, "A more luxuriant tract than that in the immediate neighbourhood of the capital cannot be imagined. Country-houses, extensive pleasure-gardens, groves of orange-trees, and innumerable fountains, together with the incessant progress of vegetation, form an assemblage of rural beauty here which is rarely to be met with. The fairty scene does not, however, reach more than 8 m. Inland; when nothing but an immeasurable waste of sand is presented to the eye, and forms a striking contrast with the cultivated fields, to the edges of which it approaches. It should be observed, that a want of industry, and of proper encouragement from the government, are the only reasons why cultivation is not extended beyond its present limits. There is probably no country so highly favoured by nature as this is with respect to a rapid succession of the crops. The rains generally begin after gathering the dates, towards October, in the beginning of which month the Arabs plough and sow their grounds. In December and January the weather becomes dry and extremely pleasant, like our spring in England. In the beginning of April, the market before Tripoli is abundantly stocked with cattle, poultry, and vegetables of every kind. Towards June, aimonds, figs, apples, pears, plums, peaches, nectarines, grapes, and melous are in season, and incredibly abundant. Cotton has been cultivated very successfully by various individuals; but, owing to a want of encouragement, does not form an article of export. Formerly, a quantity of raw silk formed one of the exports; but its cultivation has latterly been neglected. Mulberry-trees are, however, to be found near the capital in great numbers, so that silk may at any time become again a staple commodity of the country. The castor-tree (Richuss Palma Christi) is found in the vicinity of Tanjoura, where a great deal of that oil is m sometimes experienced from a continuance of drought; but when this is not the case, the country appears to have lost none of its ancient productiveness. According to Mr. Blaquiere, "A more luxuriant tract than that in the

(Della Cella, 16.)

Each village is usually surrounded by piantations of date and olive trees, the surplus produce of which, with the straw mats, earthern jars, &c., made by the villagers, are partly exported, but are mostly disposed of to Bedouin traders. The vines along the coast yield grapes and raisins of the finest quality, and might be made to produce excellent wine. According to Delia Cella, the

are partly exported, but are mostly disposed of to Bedouin traders. The vines along the coast yield grapes and raisins of the finest quality, and might be made to produce excellent wine. According to Della Cella, the neglect of such an advantage is less owing to the denunciations of the prophet than the exceeding sloth and ignorance of the people. Cattle, sheep, and poultry are reared in large numbers in some places; and, as animal food is little consumed, they are principal objects of exportation. During the war, Malta drew large supplies of cattle and other live stock from Tripoli, and still imports most part of the cattle sent out of the country. Beef, though small, is very good, as is lamb; mutton is of inferior quality. A kind of wild cattle, the wild hog. antelopes, bustards, and several other wild animals useful to man, are met with in abundance. Large beds of rock sait exist in different parts of the country. On the coast, fish of every kind are most abundant; but, with the exception of a few boats employed from the capital, fishing does not form a part of public industry.

The natives of this regency manufacture carpets, bournouses, haiks, and other woollen fabrics, camlets, mats of palm leaves, goats' hair sacks. Morocco leather of different kinds, earthenware, prepared skins, and a few other articles. The manufacture of potash, like the exportation of salt, is a monopoly of the bey. The principal trade consists in the barter of European produce for those of the interior of Africa. From Tripoli, caravans go to Mourzouk, where a large fair is held in Dec. and Jan., and to which the products of Bornou, Sockatoo. Houssa, Timboctoo, &c. are brought. (See art. Fazzan in this Dict., I. \$36.) The Fezzan merchants proceed in Feb. and March to Tripoli, where they receive their goods for the S. upon credit, paying by exchange one year for the goods purchased in the preceding. They bring from the interior annually about 1,500 negro alaves, locon medicati (small parcels, each worth a Venetlan requin), of gold dus

these articles, with provisions, colonial produce, imberpitch, spirits, cochineal, indigo, damaak, and other allk labrics, spirits, looking-glasses, toys, &c., constitute the principal imports from Burope. The exports from Burope. The exports from Burope. The exports from Burope. The approximation and other articles of dress, oil, senns, and other drugs, and other articles of dress, oil, senns, and other drugs, and other fruits, cattle, ostrich feathers, irod, gold dust, safron, &c. (For further details see succeeding article.)

The government is in the bands of a burney of the programment is in the bands of a burney.

gold dust, saftron, &c. (For further details see succeeding article.)

The government is in the hands of a bey, or pachs, who rules with despotic sway, and is chosen from among the Turkish officers resident in Tripoli, being confirmed in his authority by a firman from the Turkish sultan. He presides in the divan, and is assisted in his various duties by a bey-commander-in-chief; an aga commanding the Turkish odiders; the keys, or grand judge, who dispenses justice daily at the castle gats of the capital; the chief officers of the treasury and household; the shelf-le-bi-fed, or head police magistrate; the swayft, or head of the priesthood; the castl, or judge in matters ackin-th-fed, or head police magistrate; the swayft, or head of the priesthood; the castl, or judge in matters governors seem to have powers equivalent to the bey, in their own districts; thus, the aga of Mesurata, besides his military attributes, unites in his own person all the judical and legislative powers of the state, if we may so describe the functions exercised by an officer uncontrolled either by equity, reason, custom, or public optimion. (Della Cella, p. 45.) The revenues of the bey are derived from the tribute of the district governors, and the Arab tribes in the interior, taxes on the Jews and merchants, a tax of 10 per cent. on all land-produce, import and export duties, monopolles, presents, and exactions, fines for the mitigation of punishment, conscations, &c.; their amount being estimated by Biaquiere at from 20,000t. to 26,000t. sterling a year; in addition to which a large portion of the necessaries for his use are procured by extortion from his subjects. The naval force is maignificant, consisting almost wholly of a few small vessels.

The character of the natives of Tripoli appears to of a few small vessels.

of a few small vessels.

The character of the natives of Tripoli appears to be very indifferent. Captain Lyon says drunkenness is more common than in most towns in England. There are public wine-houses, at the doors of which the Moors sit and drink without any scruple; and the greater part of the better sort of people also are great drinkers. Blaquiere says he was unable to discover any good qualities to be contrasted with the well known attributes of revence, avaries, treachery, and decosit which were qualities to be contrasted with the well known attributes of revenge, avaries, treachery, and deceit, which predominate alike in the prince and the peasant. There is probably no country on earth where the inhabs. are more inclined to be victous. (Blaguaere, in Med. Tress. xx. 80.) And yet it is said such is the promptitude with which justice is administered, that crimes in Tripoli are less frequent than in European countries, and the people are more civilised than in most parts of Barbary. Intolerance towards Christians was formerly very strongly marked; but foreigners are now treated with respect, piracy and Christian slavery having been wholly abolished.

This territory contains some Roman antiquities, but

with respect, piracy and Christian slavery having been wholly abolished.

This territory contains some Roman antiquities, but they are much less frequent than in the adjacent territory of Barca. In the middle ages it generally shared in the fortunes of the rest of this portion of Africa. In 1522, Tripoli was given by the Emperor Charles V., who had become possessed of some authority over it, to the Knights of Rhodes; but these were driven from it by the Turks in 1551. Fezzan was rendered tributary about 1714; but the authority of the pacha, over either that country or Barca, appears to be little more than nominal, or at any rate very much disturbed.

TRIPOLI (an. Eas), a maritime city of N. Africa, cap. of the above regency, on a low rocky tongue of land, projecting into the Mediterranean: the castle being in lat. 379 53' 56" N., long. 13° 10' 88" B. Pop. estimated at 25,000; 2,000 of whom are Jews, residing in a suburb of their own. The town is much smaller than either Algiers or Tunis; it may be \(\frac{3}{2} m \), in length, by \(\frac{5}{2} \) furloogs in breadth; but its shape is very irregular. It is eucompassed by high and thick walls, the original stone-work of which appears to have been very good; but they have been patched up in all directions with mud and fragments. A good many cannon are mounted on the ramparts, and Tripoll has some degree of strength as a fortress; it is entered by two gates, one to the B. and the other to the S. Viewed from the sea, the town appears to be semicircular; and the extreme whiteness of the square flat buildings, covered with lime, which in this climate encounters the sun's fiercest rays, is very striking. The baths form clusters of large cupolas, to the number of 8 or 10, crowded together in different parts of the town. The mosques are in general surrounded by plantations of Indian figs and date-treas, which, at a distance, give the whole city a novel and

pleasing aspect. Internally, however, it has narrow and irregular streets, and mean houses. The pacha's castle is at the E. end, within the walls, with a dock-yard adjoining. It is very ancient, and inclosed by a high strong wall; and the numerous buildings which have been added at different periods to its interior, to receive the junior branches of the royal family, have both deprived it of all symmetry, and increased it to a little irregular town. (Mod. Trav.) Tripoli is, in most respects, inferior to the capitals of the other Barbary regencies. All Bey, however, says, "In point of tranquility and cleanliness, Tripoli might be taken as a model by some European towns in the Mediterranean. Though it posters an either the elegance nor the regularity of Valetta, cleanliness, Tripoli might be taken as a model by some European towns in the Mediterranean. Though it possess neither the elegance nor the regularity of Valetta, you never hear of acts of violence being committed in the streets, and robberies are altogether unknown; the result of a well-mounted police. Independent of a nightly patrol, there is a guard stationed in each street, who is responsible for whatever may occur in it. There is, besides, always a number of persons kept for the express purpose of sweeping the town. The caravanserais, mosques, and houses of the different consuls and higher classes, are usually built of stone, and regularly whitepress purpose of sweeping the town. The caravanserals, mosques, and houses of the different consults and higher classes, are usually built of stone, and regularly whitewashed twice a year; the dwellings of the lower orders are of earth, small stones, and mortar. Tripoil has 6 mosques of the first rank, with minarets, and 6 smaller ones. The great mosque has a roof composed of small cupolas, supported by 16 elegant Doric columns of fine grey marble." There are 3 synagogues, one or two places of worship for Christians, several market-places, cafes, European hotels, &c. E. of the town, on a tract of rocky and elevated ground, is the site of the ancient cemetery, where several remains of antiquity have been discovered; and some portlons of Roman tesselated pavements, fragments of columns, and entablatures, built up in modern walls, are met with in the city. The most striking relic of antiquity, however, is a magnificent triumphal arch, near the marine gate, at present used as a storehouse. Though half sunk in sand, its upper part is still in good preservation; and an inscription shows that it had been erected in 164, in honour of the emperors Aurelius Antonious and L. Verus. It is built of huge blocks of marble, without cement, and has been ornamented with warlike trophies and other carriens; in solid. The celling also is heavifully acrib.

It is built of huge blocks of marble, without cement, and has been ornamented with warlike trophies and other carvings in relief. The ceiling, also, is beautifully sculptured. (Lyon, Tran. in N. Africa, p. 18.)

The harbour of Tripoli, though not very spacious, is safe, and capable of accommodating a large fleet of merchant ships. Small frigates, whose draught of water does not exceed 18 ft., may also ride there in perfect safety. (Blaquiere, Letters, i. 23.) It is formed by a long reso of rocks running out to the N.E., and by other reefs to the E. In the deepest part there are from 5 to 6 fathoms water. It is defended by the new Spanish and French forts, the reef and insulated rocks on the W., and by two other forts on the beach to the E. It is the principal entroph for the maritime trade for the regency. principal cutrepôt for the maritime trade for the regency. We subjoin an

Account of the principal Articles of Import and Export at Tripoli in 1836, with their estimated Value in Francs:

Imperis.	Exports.			
Articles.	Value in fr.	Articles.	Value in fr. 57,090 9,385 10,813 4,070 7,903 5,837 5,938 51,553	
Wheat and barley Beans and pease Wool Hardware Coffee Sugar Cotion, manufactured Wines Various	521,681 108,555 84,257 20,289 26,779 20,954 114,908 22,896 472,035	Mantles Oil Hides, &c Saffron Senna Wool Cattle Various		
Total .	1,390,336 fr.	Total -	130,567 fr.	

But it is obvious that this statement is but little to be depended upon; and that there can be in reality no such difference between the imports and exports. If the amount of the former be not overrated, we may be quite sure that that of the latter must exceed one million

fraces.

TRIPOLI, or TARABLUS, a town and sea-port of Syria, cap. of the pachalle of its own name, on the Mediterranean, 130 m. S.W. Aleppo. Lat. 34° 26° 22" N.; long, 35° 51' 32" E. Pop. estimated at about 15,000. The town stands at the foot of a branch of Mount Lebanon, on a small triangular plain at some little distance from the sea; the Marina, S.W. from the city, on a projecting point of land, is the place where merchant ships usually load and unload their cargoes. Tripoli is one of the neatest towns in Syria, and is surrounded by fine gardens; but its neighbourhood being marsby, its climate is frequently unhealthy. It is traversed by the small river Radisha, which, however, is too shallow to be navigable even for boats. The houses are principally of stone, and many parts of the city bear traces of the architecture of

the Crusaders, particularly some high Gothic areades over certain streets; but there are no public buildings worth notice. Tripoli is commanded by an old castle on the heights behind, built during the crusades by the Count de Toulouse. The name Tripoli is, no doubt, derived from its being formerly divided into three separate towns at short distances from each other; and, in fact, El Mina, as the Marina is sometimes called, is a distinct town from Tripoli proper. Numerous grantecolumns and other ruins may still be seen along the shore. (Pococke, Burchkardt, &c. in Mod. Tras.) The port of Tripoli, to the N. of the Marina, and opposite the town, is merely a roadstead, sheltered on the W. by some rocky islets; and is safe only in flue weather. It is dangerous in winter, and particularly at the equinoxes, from the ioulness of the bottom and the prevalence of strong gales. (Purdy's Sailing Direct.) It has, however, some trade, exporting silk, wool, cotton, and tobacco, with small quantities of oil, wax, cochineal galls, and soap, manufactured in the town. There are numerous Greeks among the inhab., and a large share of the trade is in their hands. It is, also, the see of a Greek bishop, and the residence of several European consuls. (Bosvring's Rep. on Syria; Mod. Trav.)

their hands. It is, also, the see of a Greek bishop, and the residence of several European consuls. (Bossring's Rep. on Syria; Mod. Trav.)

Tripoli was taken by the Crusaders in 1108. It had previously been one of the most flourishing seats of oriental literature, and possessed a very large collection of Persian and Arable works. It is said that 100 copyrists were constantly kept employed copying manuscripts, and that the princes of Tripoli were in the habit of sending messengers into foreign countries to discover and purchase rare and valuable works. Unfortunately, however, this extensive and precious collection, amounting, it is said to 100,000 vols., was destroyed by the Crusaders, who displayed on this occasion the same fanatical zeal of which they have accused, though we believe unjustly, the Arabs in the case of the Alexandrian library. (See Alexandrian). A priest in the suite of Count Beetrand eSt. Gilles, having visited an apartment of the library in which were a number of duplicate copies of the Koran, reported that it contained none but the impious works of Mohammed, and that, consequently, it should be destroyed 1 And, as a matter of course, it was forthwith set on fire.

set on are! Balbi, despite his pretensions to superior criticism and sagacity, states, after Quatremere de Quincy, that this library contained no fewer than 3,000,000 vols. ! (Bibliothéques de Vienne, p. 81.) Michaud most properly rejects this statement as incredible and absurd, and

this library contained no fewer than 2,000,000 vols. I Bibliothèques de Vienne, p. 81.) Michaud most properly rejects this statement as incredible and absurd, and adopts in preference the reasonable account given by Novairi. (Histoire des Croitades, il. 43., ed. 1841.)

TRIPOLIZZA, or TRIPOLITZA, a town of the hingdom of Greece, cap. dep. Mantinea, and under the Turks, the cap. of the Morea, near the centre of which it is situated, 20 m. S. by W. Argos. It stands in a plain nearly 2,000 ft. above the level of the sea, and before the late war was about 3 m. in circuit, and probably more populous than Athens; but we can form no estimate of its present population. It is of modern origin, and is supposed to owe its name to its having been principally constructed of the ruins of the three cities of Tegea, Mantinea, and Palantium, the sites of all which are at no great distance. Previously to the Greeks in Oct. 1821, and its ruin was completed when it was retaken by Ibrahim Pacha in 1835; indeed, an arched gateway is now said to be the only existing relic of the Turkish period. (Musre's Journal, ii. 317.) But it is again rising from its ruina, and is the seaf of one of the first class treasuries in Greece and of other government establishments. It is said, however, that the government contemplates the removal of these to some other town; and if so, it is not very probable that Tripolitzs should ever regain its former importance. (Gell; Burgess' Greece, &c., i. 210.; Strong; Greece as a Kingdom, &c.)

TROAD (This), or site of the ancient city of Troy, and the scene of the battles described in the illad. The situation of this classical region has been pointed out with sufficient precision by Homer, and has been admitted, from the earliest antiquity, to comprise that portion of Asia Minor bounded by and immediately S. of the W. entrance to the Heilespont, opposite the island of Tenedos, having Mount Ida on the R. and the gulph of Adramytion the S. Here, no doubt, are the camps she Troja fuit:—

" Hac ibet Simols; hic est Sigela tellus; Hic atternat Priami regia cofea senis; Illic Mactides, illic tencibet Ulysses; Hic lacer admissos terruit "Ovra. Epiet. I. lin. 33. Ovra. Epiet. I. lin. 33.

But, notwithstanding the immortality of renown that has been conferred on the "heaven-built" city, and the interest which the Troad has always excited, such and so great have been the changes brought about by the in-

fluence of war, the ravages of barbarians, and the lapse of ages, that it is now no easy matter to reconcile the descriptions of Homer with the existing appearances of

descriptions of the Country.

The Troad has been examined by several learned travellers, including Chandler, Wood, Chevaller, Clarke, Hobbouse, Gell, and others. But as none of them had the means of making a proper topographical plan of the the means of making a proper topographical plan of the country, and as its appearance, and especially the magnitude and even number of the rivers, differs at different seasons of the year, we need not be surprised at their conflicting statements, even had they not been mostly under the influence of some preconceived theory. The system of Chevaller, which for a while was pretty generally acquired in the assumption that the Menesced in, was founded on the assumption that the Men-dere, the principal river of the Troad, was the Simois, and that the small river to the S. of the latter, the Bourthat the small river to the S. of the latter, the Bournabashi or Kerki-joss, was the Scamander of Homer. This hypothesis is now, however, generally abandoned, and it is indeed surprising it should ever have obtained currency. Inasmuch, however, as it would be impossible to make minute details intelligible without the aid of a map, we shall merely observe that Major Rennel and Mr. Maclaren have all but demonstrated that the Mendere is identical with the Scamander of the Iliad; and the suggestion of Dr. Chandler, that the Thymbrius, (now the Dumbrek-soû,) a river to the N.E. of the Mendere, with which it unites before they fall into the sea, is the suggestion of Dr. Chandler, that the Impiorus, (now the Dumbrek-soft), a river to the N. E. of the Mendere, with which it unites before they fall into the sea, is the Simois of Homer, appears to be satisfactorily established by Mr. Maclaren. It is, in fact, the only river in the Troad, excepting the Mendere, that in any respect corresponds with the descriptions given in the Iliad of the Simois; and the plain between the Mendere and the Thymbrius is the only one of sufficient extent to allow of the battles described by the poet being fought.

Dr. Clarke has conclusively shown (iii. 133, 8vo. ed.) that the ruins at Paluio Callifat, or Isarlik, are certainly those of the New Ilium of Strabo. They are situated on a rising ground about 3 m. from the sea, and about midway between the Mendere and Thymbrius. Here the learned traveller found not only the traces but the remains of an ancient citadel; and at the very moment of his visit the Turks were employed in raising vast blocks

mains of an ancient citade; and at the very moment of his visit the Turks were employed in raising vast blocks of marble from the foundations of this edifice, which ex-hibited the colosisi and massive style of architecture pe-culiar to the early ages of Greek history. The ground around was covered with fragments of broken pottery,

around was covered with ragments of broken poterly, and medals have been discovered among the ruins. In the time of Strabo, New Ilium, whose position is thus clearly identified, was believed by its inhad, to occupy the identical site of the ancient city, and such had been the belief uniformly entertained by them from the earliest period: "Hence," says Tacitus, "Hienses antiquitatis glorid polichant (Assad, lib. iv. cap. 55.) Strabo, the policy and the says t guitatis glorid pollebant (Assad, lib. iv. cap. 55.) Strabo, however, places the old city considerably more to the E., but we agree with Mr. Maclaren in rejecting this statement, and in believing that the old and new city stood upon the same site. The fact is, that a city taken by an enemy, and given up to military execution, is never completely destroyed; the foundations, with portions of its walls and temples, are always sure to remain, and these with the ruins afford many facilities for the construction of a new city. There is no reason to think that the destruction of Troy was in any respect more complete than that of Thebes by Alexander the Great, and yet the latter was rebuilt in the course of 20 years. And it is further to be observed that the conqueror now named visited New was rebuilt in the course of 20 years. And it is intrier to be observed that the conqueror now named visited New Ilium, in the full conviction that it represented the an-cient city, sacrificed to Minerva and the manes of Priam, conferred immunities on the inhabs, and gave orders conterred immunities on the innans., and gave orders that the walls of the town should be rebuilt, which intention was carried into effect after his death by Lysimachus. It is childish to suppose that Alexander should have done this unless he had been satisfied of the identity of the old and new city; and neither Arrian, nor any one clear of his historians on much as inclusives as any one else of his historians, so much as insinuates a doubt upon the subject. It would be rash and unwar-rantable to set aside such evidence on the sole authority of Demetrius of Scepsis, who has, in this instance, been followed by Strabo, more especially as it has been shown that the site of New Illum corresponds incomparably better with the Illum of Homer than any other site on the

Perhaps it may be said, that, before endeavouring to Perhaps it may be said, that, before endeavouring to point out the situation of Troy, it might have been as well to inquire whether that city ever existed, and whether any such war as that of Troy was ever carried on. But such inquiries would be wholly misplaced in a work of this kind; and though it had been otherwise, they would be wholly superfluous. It is the mere wantonness of scepticism to call in question the existence of Troy. Even if there were nothing more, the Iliad, which obvi-

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ously describes real and not fictitious events, would be conclusive of the question; and when we add the conconclusive of the question; and when we and the con-current testimony of the most ancient and best Greek authors, including Hesiod, Herodotus, and Thucydides, and the traditions universally prevalent as to the event, we should be quite as much disposed to deny the exis-ence of Nineveh, Babylon, or even Jerusalem, as of

ence of Nineveh, Babylon, or even Jerusalem, as of Troy.

Rzclusive of Troy, the Troad contained, at a later period, some other cities, such as Sigeum, on the sea shore, at the mouth of the Hellespoat, near the promontory of the same name, and adjoining the barrow or mound called the tomb of Achilles. It was founded posterior to the siege of Troy by an Æollan colony. It had, however, ceased to exist in the time of Strabo. But the town of Alexandria Troas, on the coast, about 17 m. S. from Sigeum, was by far the most important of the towns in the Troad built after the destruction of Troy. It was founded by Antigonus, one of Alexander's generals; and became, under the Romans, one of the most facurishing of their Asiatic colonies. (Strabo, lib. xiii.) It is twice mentioned in the "Acts of the Apostles." and was the scene of a miracle. (Acts, caps. xvi. and xx.) Its site, now called Eski Stamboul, is identified by the remains of walls and other buildings, including a thermains of walls and other buildings, including a theremains of walls and other buildings, including a theremains of walls and other buildings, including a the-atre, gymnasium, a magnificent aqueduct, &c., that suf-ficiently attest its ancient magnificence. (See Chevalier on the Plaim of Troy, with Notes by Datzell, 4to., 1791; Remedi on the Topgraphy of the Plain of Troy, 4to., 1814; Chaudler's History of Illum or Troy, 4to., 1802; Maclarer's Dissertation on the Plain of Troy, 8vo., 1822, &c. In 1794 (most probably, for the date is not given), Mr. Bryant published at Eton his singular Dis-sertation, to shew that no such city as Troy ever existed, and that the expedition against it never was undertaken.

1822. &c. In 1794, (most probably, for the date is not given). Mr. Bryant published at Eton his singular Dissertation, to show that no such city as Troy ever existed, and that the expedition against it never was undertaken. This Dissertation was answered, and, as we think, completely refuted, by Mr. J. B. S. Morritt, in his Vindication of Homer, 4to., 1792, a variety of other tracts have appeared on this curious question, but the above, with the replies of Bryant and Morritt, exhaust the subject.)

TRONDHJEM (vulg. Dronkheim), a town and seaport of Norway, cap. prov. of its own name, on the Nid (whence its an. name Nistrosia) at its mouth, in the deep guiph called Troudhjem-flord, 275 m. N.E. Bergen, last 53° 25′ 50′ N., long, 10° 23′ 25′ E. Pop., in 1835, 12,338. A great deal of expense has been incurred in its fortification; but, as it is commanded by heights beyond the Nid, which surrounds it on the S. and E., it is not really strong. The fortress of Munkholm, bristling with cannon, stands on a small island in the flord opposite the city; but it is, perhaps, more serviceable as a prison than a military outwork.

Trondhjem is, on the whole, well built, though its houses be almost all of wood. The streets are spacious, with water cisterns at their intersections; and the town has a singular air of cleanness and comfort. The most semarkable edifice is the cathedral, built principally of stone, and founded early in the lith century, though little of the original structure remains; that little, however, is enough to show that it had been originally one of the most magnificent ecclesiastical structures in Europe. (Clarke's Travels, x. 232.) Part of the architecture is Saxon, the rest Gothic, and round and pointed arches are frequently intermixed. The extreme length has been 346 ft., and the breadth of that front 140 ft. (Laing, p. 68.) Only the transept and E. end of the building are now roofed in and used; the W. part serves for a timber yard. There are three other churches, all plain structures; an hospital for t

inns in Trondhjem, but several good boarding houses.

The town is governed by a corporation of twelve persons, elected from among the mercantile body; and is the seat of the superior courts, &c. for all the country N. of the Dovre-field. The roadstead of Trondhjem is but indifferent, being unprotected both on the N. and W., and the bottom loose ground in 20 fathoms: the river does not admit vessels drawing more than 10 or 12 ft. water. Dried fish, tar, deals, and copper from Rorass, are the principal articles of export.

According to Dr. Clarke, Trondhjem-fjord never freezes; and the cold of winter, though severe, is not nearly so great as at Rorass, which lies more to the S. The surrounding country is studded with merchants' villas; and immediately beyond the town is an extensive suburb, reached by a good wooden bridge across the river.

river.

rer. Trondhjem is now connected by a continuous carriage-3 H

^{*} Chevalier's theory has been espoused by Cramer; see his Asia Risor, f. 97., &c.; but he adds nothing to Chevaller's statements, and does not seem even to have been aware of the existence of Mr. Macluren's work,

road with the Swedish capital; and in 1838 a government steam-boat commenced running between Trondhjem and Hammerfeet, calling off Tromse and other intermediate ports, from spring till Sept. English is understood and spoken by many of the inhabs. Mr. Barrow says the manners and appearance of the upper classes nearly resemble our own; and most of them are, in fact, more reless connected with mercantile houses in England, many having been educated in England, and others being accustomed to visit it ones a year, (Ragravoy, Excussions).

many having been educated in England, and others being accustomed to visit it once a year. (Barrow's Excursions in the N. of Europe, pp. 345, 346.) The lower classes generally read and write; and among the opulent many are distinguished for their literary taste. (Clarke, Preface to Scandinavia, x. &c.; Laing; Barrow, &c., passim.) TROIS RIVIERES. &c Thers Rivers. TROND (ST.), Flem. St. Trayen, a town of Belgium, prov. Limbourg, cap. cant., on a tributary of the Demer, 30 m. W. by S. Maestricht. Pop., in 1836, 8,490. It is supposed to owe its origin to a Benedictine abber, founded here in 657: it was formerly fortlified; but its works were dismantled in 1697. It has a considerable manufacture of fre-arms; and some trade in lace, lea-

founded here in 657: it was formerly fortified; but its works were dismanted in 1697. It has a considerable manufacture of fire-arms; and some trade in lace, leather, &c. A sanguinary action took place between the French and Austrians, in its vicinity, in 1793.

TROON, a sea-port town of Ayrshire, on a point of land projecting into the sea, 6 m. N. by W. Ayr, and 8 m. S. W. Klimarnock. Pop. in 1841, 2,148. It is a meat, well-built town. The par. church is at Dundonald, about 4 m. distant; but it has a chapel-of-ease and a chapel belonging to the United Secession church. Troon Harbour, on the N. side of the promontory on which the town is built, is the most accessible of any on the Ayrshire coast, has 16 ft. water at low spring ebbs, and sufficient accommodation for a great number of ships. Its advantages had, however, been wholly neglected till tcame into the possession of its present noble proprietor, the Duke of Portland, who has constructed a large dry or graving dock, not surpassed by any other in Sootland, for the building or repair of vessels of large size; a smaller do.; and is now constructing a wet dock, that will accommodate 50 sail. It is also furnished with commodious warehouses, and a harbour-light. Through the exertions of his Grace, the Troon has been united, by a railway, with Klimarnock, by which it has been made, so some extent at least, the port of the latter. Great a railway, with Kilmarnock, by which it has been made, to some extent at least, the port of the latter. Great quantities of coal are raised in the vicinity, which, being quantities of coal are raised in the vicinity, which, being brought to this port by the railway for shipment, are exported to the amount, in ordinary years, of about 168,000 tons. Ship-building employs from 100 to 200 hands; and rope and sali-making, and the trades connected with them, are also carried on to some extent. About 4,000 tons shipping belong to the port. Branches of the Ayr Bank, and of the Glasgow Union Bank, have been opened in the town. The Glasgow Paisley, and Ayr Railway, passes within less than a mile of Troon, with which it is about being connected by a branch railway. (Private Information.)

is about being connected by a branch ranway. (A. Information.)

TROPEZ (ST.), a maritime town of France, dep. Var, on a bay of the Mediterranean, 38 m. E. by N. Toulon. Pop., in 1836, 2,637. The inscriptions, medal, &c., found here, prove that it occupies the site of Herackea, an important maritime town of antiquity. It has a citadel, and towards the sea is defended by some old walls; its port is spacious and good, but is little frequented, except by fishermen, which comprise a large proportion of its inhabs. St. Tropes is the seat of a ribunal of commerce, a council of prad hommes, and a school of navigation.

tribunal of commerce, a council or price securities, and a school of navigation.

TROPPAU, a town of the Austrian dominions, cap. Austrian Silesia, and of the principality and circle of its own name; on the Oppa, a tributary of the Oder, 37 m. N.B. Olmuts. Pop., in 1837, including its suburbs, 12,556. It is well situated, is walled, and entered by four gates, and is well built. Its principal edifices comprise a castle, town-hall, theatre, high school, and sundry churches. It is the seat of courts for its province, circle,

a castle, town-hall, theatre, high school, and sundry churches. It is the seat of courts for its province, circle, and duchy, a tribunal of commerce, a gymnasium, to which a fourishing museum was attached in 1814, and considerable manufactures of woollen and linen fabrics, with others of soap, leather, liqueurs. &c. Troppau was, from 20th Oct. to 20th Nov., 1820, the place of meeting of the diplomatic congress, which afterwards removed to Laybach. (Octierr. Nat. Empc.; Bergkaus.)

TROY, a town or city of the United States, in New York, co. Remsselaer, of which it is the cap., on the Hudson River, 7 m. N.N.E. Albany. Pop., in 1830, 11,405 7 in 1840, 19.334. It stands on the alluvial flat on both sides the river, but principally on the E. bank, where it is backed by some eminences dignified with the names of Mounts Ida, Olympus, &c. It is regularly laid out, most of the streets crossing each other at right angles; and well built, the houses bring commonly. of brick, and some of stone. The thoroughfares are, in general, about 60 ft. in breadth, macadamised, shaded with trees, and well lighted. Many of the public buildings are elegant, particularly the court-house, with a Grecian front, and the episcopal church, one of the finest specimens of

modern Gothic architecture in the United States. There are many churches for other secta, 2 large female seminaries, the Ronsselaer Institute, a lyceum of natural history, academy, Lancastrian school, orphan asylum, bosse of industry, county prison, mechanics', national, and other halls, several banks, &c. "The city is abundantly watered by subterranean iron pipes from a basin in the neighbouring town of Lansingburg, 72 ft. above the citylain. The height and volume of water are sufficient to furnish jets d'eaux in the city, and to throw large streams, in case of fre, through hose, without the intervention of engines. The supply of water is 1,500,000 gallons per day; the cost of the works 190,000 dollars, for which a large debt remained in 1835 on the city. (New York Gazztteter.) Two streams join the Hudson within the city, and afford water power for many factories. Troy had, in 1835, 8 flour and 4 cotton mills, with paper and slitting mills, nail and iron works, breweries, tanneries, and leather factories, 2 carriage factories, where were built, in one year, 150 stage coaches, &c. "The trade of Troy by land is with an extensive range of country E. and N., within which there are 67 cotton factories, using annually more than 5,00,000 bis. of cotton; and 40 woollen factories, making up annually more than 1,000,000 bis. of owool. The merchants and millers have, in one season, purchased more than 500,000 bushels of wheat, 180,000 bush. of other grain, and 35,000 barrels of provisions, besides large quantities of lard, butter, cheese, &c." (New York Gaz.) The canal trade had nearly doubled between 1839 as team-boat termies; though the erection of a canal, and at present communicates with the rest of the city, by 3 steam-boat termies; though the erection of a modern Gothic architecture in the United States. There

The canal trade had nearly doubled between 1829 and 1835. W. Troy is on the United Champlain and Erise canal, and at present communicates with the rest of the city by 3 steam-boat ferries; though the erection of a bridge is in contemplation. Rensealear and Saratoga railroad crosses the Hudson at Troy by a bridge 1,600 ft. in length, resting upon 8 stone piers. Troy was first incorporated in 1796, and has now become the third city in the State, in wealth and importance. (New York Ges.; Amer. Almanac.)

TROWBRIDGE, a market town and pa. of England, co. Wilts., hund. Melksham, on a tributary of the Avon, the Were, which is here crossed by a stone bridge, 21 m. N. W. Salisbury. Area of par. 1,800 acres. Pop. in 1831, 10,863; in 1841, 11,080. The principal street is spacious, but the others are generally parrow and inconvenient, and though some of the houses are good, the greater proportion are but indifferent. Many are, however, constructed of stone, and the town is paved, and lighted with gas. Trowbridge Church, a large and striking edifice, consists of a nave, chancel, two side aisles, with attached chapels, in the windows of which is a good deal of stained glass, and lofty N. and S. porches. The two side aisles are separated from the nave by five pointed arches, springing from clustered columns, and are externally embattled and ornamented with crocketed pinnacles; at the W. end of the luke of Rutland. Trinity Church, at the W. end of the lowe, erected within these few years, is a fine building, with a considerable number of free sittings. It has, also, meeting-houses for General and Particular Baptists, Presbyterians, Wesleyans, Independents, &c., (dissenters being very numerous in Trowbridge); a free school and an meeting-nouses for General and Particular Dapliess, Pres-byteriaus, Wesleyans, Independents, &c., (dissenters be-ing very numerous in Trowbridge); a free school and an alms-house, and most of the different sects support Sunday-schools. The manufacture of woollen cloth was estaams-nouse, and most of measurement sects support, standay, schools. The manufacture of woollen cloth was established in Trowbridge at an early period. Cassimeres, are the principal products. In 1839, 19 woollen mills were in full work in the par., employing together 1278 hands, and there may be in the town and its immediately contiguous district about 1650 looms. (Hand-hoon and Factory Rep.) But at present (1842) the trade is very much depressed. The Kennet and Avon canal passes about 1 m. N. of the town, placing it in communication with London on the one hand and Bristol on the other. Trowbridge is under the jurisdiction of the co. magistrates, who hold petty sessions here monthly, and a court of requests, for debts not above 54, every three weeks. Markets, Tuesdays, not Saturdays; fairs, Aug. 5 to 7, for cattle, pedlers, millinery, &c. Crabbe, the celebrated poet, was for 18 years rector of this par., where he died Feb. 3d, 1832.

1832. TROYES (an. Trecæ and Augustobona Tricausrium), a town of France, dep. Aube, of which it is the cap., on the Seine, which partly surrounds it, and is partly diverted into its interior by numerous canals, for the supply of its various factories, 92 m. E.S.E. Paris. Lat. 48° lw 5' N., long. 3° 4' 49" E. Pop., in 1846, 24,70?. It inclosed by an old wall in pretty good condition, and has several suburbs. The town is but ill-built, most of its nouses being constructed of timber; though some of its new quarters are clean and sufficiently well laid out. Before the Revolution, Troyes comprised 29 pars., but their number has since been greatly diminished. The cathedral is a fine Gothic structure, chiefly constructed on the site of a previous edifice, in the 18th century, though not finished till towards the end of the 16th. Its

Saterior length is 374 ft.; breadth, 164 ft.; height of the vault, 96 ft., and of the cupola externally, 204 ft. There is a good deal of curious stained glass in this church, the figures representing the kings of France, counts of Champagne, bishops of Troyes, and other personages of the 12th century, in the peculiar costume of that period, and of the size of life. Some of the other churches deserve being visited. The town-hall is an edifice of the 17th century with a bandeam front and shall in which are

pagne, bishops of Troyes, and other personages of the läth century, in the peculiar costume of that period, and of the size of life. Some of the other churches deserve being visited. The town-hall is an edifice of the 17th century, with a handsome front, and a hall in which are the marble butts of the most distinguished natives of Troyes. The museum contains collections of mineralogy, natural history, and paintings; and the public library is said by Hugo and others to comprise \$6,000 printed vois., and nearly \$0,000 MSS. The hall in which these works are placed is about 160ft. in length, and 30 ft. in width; and on its pannels are paintings by Gonthler, representing the, principal achievements of Henry IV. The prefecture, bishop's palace, seminary, hospital, court-nouse, public baths, and abattor are the other most remarkable buildings. The environs are particularly beautiful. It is the seat of courts of primary jurisdiction and commerce, a chamber of commerce, council of prud commerce, a chamber of commerce, council of prud commerce, the residence of an inspector-general of navigation, &c. It has manufactures of cotton, hoslery calico, woollen cloths, blankets, and cotton and woollen yarn; with bleaching establishments, for which the water of the Seine is said to be most suitable; paper-mills, &c. Troyes was formerly the cap. of Champagne; and it was here that Hen. V. of England espoused Catherine of France. In 1439, it was taken from the Rnglish by the French troops, under Joan of Arc. In the campaign of S14, it was the head quarters of Napoleon. Among the distinguished individuals, natives of Troyes, may be specified Pope Urban IV., the sculptor Girardon, and the painter Mignard. (Hugo, art. Aube, &c.)

TRURO, a parl. and mun, bor. and market-town of England, co. Cornwall, hund. Powder, on the Fal, 7 m. N. by E. Faimouth, and 230 m. W.S. W. London. Pop. of parl. bor., in 1841, 8,901, e This is decidedly the handsomest, and, including its auburbs, the largest town in Cornwall. It owes its increase and prosper but these no longer exist. It is said to be a bor. by prescription; its earliest charter appearing to have been one granted by Reginald, Earl of Cornwall, at an uncertain date, but certainly before 1280. It is now divided into 2 wards, and is governed by a mayor, 5 other aldermen, and 18 counciliors. It has a commission of the peace, a weekly court of record, and some minor courts. Corp. ere., in 1847-8, 3,5594. It has sent 2 mems. to the H. of C. since the 23 Edward I., the right of voting, down to the Reform Act, having been in the mayor, and 36 capital burgesses. The old part. bor. comprised only the central burgesses. The old part. bor. comprised only the central burgesses. The old part. bor. comprised only the central bart of the town, and the adjacent part of Kenwyn par.; but the Boundary Act at least doubled its former extent. Registered electors, 1849-50, 533. Markets, Wednesday and Saturday, and a cattle-market the first Wednesday in every month; fairs, four times a year, principally for cattle. Foote, the comedian, was a native of Truro, where he first saw the light 27th Jan. 1721. (Purl. Boundary and Muss. Corp. Reports; and Appendix, 4c.)

TRUXILLO, or TRUJILLO, a town of Spain, in Estremadura, prov. Caceres, cap. dep., on the Toso, a tributary of the Tagus, and on the high road between Madrid and Lisbon, 134 m. S.W. by W. the former. Pop. about 4,500 (MMSsso.) It is divided into the city, the old town, and the citadel, which successively occupy the foot, acclivity, and summit of a hill facing the S. The city is the newest portion; it is well laid out, and has a fine square, and several handsome residences, most of the wealthy inhaus, having removed thither from the old town. In the

aquare is a large mansion, once belonging to the family of Pisarro, a native of Truxillo; the front of which is ornamented with bas-reliefs, representing the conquest of Peru. The old town, surrounded by a wall, is ill-built and dirty; but the castle, with a mixture of ancient and Saracenic architecture, is imposing; and the appearance of Truxillo at a distance is very prepossessing. It has the usual complement of churches and convents, with several hospitals, a college, post-house, &c., and manufactures of leather and linen fabrics. The name of this town appears to be a corruption of Tarrie Jails. It

and ossestent architecture, is imposing; and the appearance of Truxillo at a distance is very preposessing. It has the usual complement of churches and convents, with several hospitals, a college, post-house, &c., and manufactures of leather and linen fabrics. The name of this town appears to be a corruption of Tarvis Jusia. It is supposed to be the Castra Jusia of Ptolemy; and several Roman antiquities have been discovered in the town and neighbourhood. (Milliame) Mod. Traw., xix.)

TRIXILLO, or TRUJILLO, a town of Colombia, in Venezuela, cap. prov. of its own name, in a mountainous valley, 150 m. S. E. Maracaybo. Pop. estimated at about 8,000. It is said to have been one of the finest and most opulent cities of this part of America, previously to its being pillaged by the buccaneer Gramont, in 1678, when most of its inhab. fied to Merida. The valley in which the city is built is so narrow as to admit nowhere of more than two parallel streets, and the houses are small and mean. There are Dominican and Franciscan convents, a college, several schools, &c. The climate is healthy: the adjacent lands produce sugar, cocoa, indigo, coffee, and wheat; the mutton is larger and finer than in any other part of the prov. The inhabs make superior cheese and preserves; and are famed for cleaning and carding wool. It is trade is principally northward with Carora and Maracaybo. (Depons is Mod. Trav. xxvii. 319; Codazzi, Géog. de Vencaueta.)

TSCHERKASK (NOVI or NEW), a town of European Russia, cap. of the country of the Don. Cossacks, on a hill adjoining a tributary of the Don. 390 m. S. S. E. Voroneje; lat. 470 24' 29' N., long. 390 m. S. E. Voroneje; lat. 470 24' 29' N., long. 390 m. S. E. Voroneje; lat. 470 24' 29' N., long. 392 BF. Pop., according to Schnitzler, about 14,000, but, according to Possart, only 12,000. It is wholly modern, having been founded under the auspices of Pistoff in 1806: its streets are regular and broad, but some years since they were moved thither, in 1807, from Staro, or Old Tscherkask on the Don

the Rom. Cath. college of St. Jarlath, founded in 1814, usually attended by about 140 pupils. It has also a nunnery, a diocesan school, and other public schools, a courthouse and gaol, barracks, dispensary, &c. The town comprises the palace and handsome demesne of the Protestant bishop. Tuam sent 2 mems. to the Irish H. of C. down to the Union, when it was disfranchised. General sessions are held twice a year, and petty sessions on Wedneadays: it is a constabulary station. The manufacture of coarse linens and leather is carried on to some extent: and it has a brewer and flour, mills and a weekly exteric of coarse linens and leather is carried on to some extent; and it has a brewery and flour-mills, and a weekly newspaper. Markets on Weduesdays and Saturdays; fairs, May 10., July 4., Oct. 20., and Dec. 13. Post-office revenue in 1830, 8491.; in 1836, 10722. Branches of the agricultural and national banks were opened in 1835 and 1836.

it is worthy of remark, that, notwithstanding Tuam has been for a lengthened period the seat of a Protestant archbishop, with a large revenue at his disposal, there were, in 1834, only 428 individuals in the par. that be-

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longed to the Established Church, whereas the Catholic pop. amounted to no fewer than 14,511! The country round Tuam is flat, badly cultivated, and the peasantry poor and depressed in the extreme. (Musicipal Bossadary Report, Fraser's Guide to Ireland, &c.)

TUBINGEN, a town of S. Germany, kingd. Wirtemburg, circ. Schwartswald on the Neckar, 17 m. S.W. Stuttgard. Pop., in 1853, 8,000. It is old and irregularly built: its principal edifice is the castle, formerly the stronghold of the Pfaltgraves of Tubingen, but now appropriated to the university of Wirtemberg. This university was founded in 1477; and the famous reformers, Melancthon and Rauchlin, were among its earliest professors: it has both a Rom. Catholic and a Protestant theological faculty. In 1835, it had 734 students; of whom 399 attended divinity, 82 law, 166 medicine and surgery, and 181 philosophy, &c. About 100 students were subjects of other German states. (Journ. of Educ., vol. 1x.) In 1846 it had 863 students. This university has an observatory, botanic garden, cabinets of mineralogy, soology, &c., and a library. The chief support of the inhabs. or Tubingen is derived from the retail supply of this and the other public schools; but they have also a few manufactures of woollens, gunpowder, &c. (Berghauss; Memminger, Bezchriebung own Wistemb.)

TUCUMAN, the cap, of the state of the same name, in the S. American confederacy of La Plata, in a fertile plain on a tributary of the Medinas, and on the high road between Buenos Ayres and Potosi, about 315 m. N.N.W. Cordova; lat. 26° 49° S., long. 64° 55′ W. Pop. estimated at 12,000. It has a cathedral, several convents, a Jesuit's college, &c.; but the inhabs. generally, from their remote inland position, appear to have made little progress in science, or the arts of cirilised life. Their principal trade is in oxen and mules. Tucuman was founded in 1683. It is memorable in history as the place

their remote inland position, appear to have made little progress in science, or the arts of civilised life. Their principal trade is in ozen and mules. Tucuman was founded in 1685. It is memorable in history as the place at which the declaration of the independence of the Plata provs. was first promulgated, and where their first congress was held in 1816. (Dict. Géog.)

TUDELA (an Twatela), a city of Spain, prov. Navarre, in which it holds the second rank on the Ebro, where it is joined by the Quellos, and near the commencement of the great canal of Aragon, 50 m. N.W. Sarragossa. Pop. 8,150 (Mikano). The Ebro is here crossed by a noble bridge, of uncertain origin. 400 Spanish (or nearly as many English) yards in length, and having 17 arches. Tudela was formerly fortfled, but nothing remains of its ancient walls, except the gates, or of its citadel more than one tower. Its striects are narrow, crooked, and dirty: its houses lofty, and mostly of brick: there are many private and some public fountains, and the remains, in several places, of baths, constructed by the Moors. Along the river are some shaded public walks. It has a cathedral, in which Blanche, of Castile, the queen of Peter the Cruel was burled, many other workbowes prizes seciety of mublic accold Tests and k has a cathedral, in which Blanche, of Castile, the queen of Peter the Cruei was burled, many other churches and convents, two hospitals, an orphan asylum, workhouse, prison, society of public good, Latin and medical schools, &c. Its inhabs, manufacture coarse woollens, hair fabrics, soap, tiles, bricks, and earthenware, and trade in oil, flour, and wine, esteemed the best in the prov. Tudela has two large annual fairs; one from lat to 21st March, and the other from 22d July to 10th Aug. It has given birth to several distinguished characters, including, amongst others, the Jewish traveller of the 12th century, the rabib Benjamin Ben Jonah, commonly called Benjamin of Tudela. On the 23d of Nov. 1808, a French army, under Marshal Lasnes, completely defeated, in the vicinity of this town, a greatly superior Spanish force under Castafos. The latter lost about 5,000 men, killed, wounded, and prisoners, and were completely dispersed. (Minano, Novier's Peninsular War, 1, 406.)

TVER, a gov. of European Russla, between the 56th and 59th degs. of N. lat., and the 32d and 28th of E. long.; having N. Novgorod, E. Jaroslavl and Vladimir, S. Moscow and Smolensko, and W. Fakof. Area estimated at 26,000 sq. m. Pop. in 1845, 1,327.700. The surface of this government is generally more elevated than that of other parts of European Russia; and several large rivers, as the Wolga, has its source in the lake of Seilghur, and afterwards traverses the government in early its whole length from W. to E. The climate is severe, and the soil is but indifferently fertile. The harvests are precarious, and carcely ever produce more than sufficient for home consumption. A good deal of fruit succeed. The forests are extensive, particularly

than sufficient for home consumption. A good deal of hemp and flax, with beans, &c., are grown; but few kinds of fruit succeed. The forests are extensive, particularly in the N.; and about 319,000 deciatines of forest land belong to the crown. Manufactures of little consequence, but increasing: those of dyeing materials and spirituous liquors are the principal; and there are others of bricks, glass ware, ropes, leather, woollen cloths, &c. This government is, however, distinguished for its commercial activity; and the capital of its merchants has been estimated at 17 million roubles. The trade centres mostly

TULA.

In Tver, the cap., and is facilitated by the Vischnij-Vollotschok Canal, which establishes a water communication between the Baltic and Caspian seas. The district of the government traversed by this canal is inhabited by a tribe of Carelians, and in the cap. is a German colony; but the pop, is mostly Russlan, of the Greek church. This government is divided into 12 districts; chief towns, Tver, the cap., Torshok, Rjef and Bejetsk.

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Tver, the cap., Turney and the cap., Turney and the cap., Turney and the summary and the two Russian capitals; but wants their addition, and imperial palace, the cathedral, and seminary; and its numerous towers and cupolas give it, at distance, an imperial palace, the cathedral, and seminary; and its numerous towers and cupolas give it, at distance, an imperial palace, the cathedral, and seminary; and its numerous towers and cupolas give it, at distance, and imperial palace, the cathedral, and seminary; and its numerous towers and cupolas give

Trace, xvii. 114.)
Tree is a place of considerable trade, a large part of its pop. being merchants, or engaged in the navigation of the Wolga. It is an entrepôt for corn from the S. destined for Petersburg, and for goods conveyed overland to and from Riga. It is of considerable antiquity, having been the cap. of a principality as early as the middle of the 13th century. It has frequently suffered from the plague, and been taken by both the Tartars and Poles; but & has remained, with little interruption, attached to the dom. of the Russians since 1490. (Schultzler; Possart; Mod Trace &c.)

and been taken by both the Tartars and Poles; but it has remained, with little interruption, attached to the dom. of the Russians since 1490. (Schustler; Possert; Mod. Trav., &c.)

TULA, a government of European Russia, principally between the 53d and 55th degs. of N. lat., and the 36th and 39th of E. long., having N. the government of Moscow, E. that of Riazan, S. Orloff, and W. Kaluga. Length, about 130 m.; average breadth, about 85 m. Area estimated at 11,500 sq. m. Pop., in 1846, 1297,000, this being one of the most populous of the Russian governments. It slopes generally to the N. and E., in which direction the Oka flows, forming its N. W. and N. boundary. The Don rises in this government. The surface is an undulating plain, and, though not very fertile, it produces a good deal of corn, with beans, turnips, mustard, flax, hemp, tobacco, potatoes, and other vegetables. The peasants, almost everywhere, have gardens in which they grow fruit, &c.; the climate being tolerably mild and healthy. In 1830, there were estimated to be about 300,000 head of cartie, 360,000 horses, and upwards of 1,000,000 sheep in Tula. Iron is abundant, and in the neighbourhood of the cap, from mines extend over an area of 10 sq. m.; but the metal is of inferfor quality, and iron is one of the chief imports into the government. A bad sort of coal has, also, been met with; but wood and charcoal continue to be the principal freil used in the forges and other factories. Forests cover about 1-6th part of the surface. Dr. Lyall says that, S. of Tula, there is not so profuse a waste of timber in the construction of the peasants' houses as nearer Petersburg. Indeed, some of the houses are not built in the usual way with trunks of trees mortised together at the corners, but consist of wattled wickersov. The dwellings, or rather the huts, of the peasants, which range along both sides of the road, are more paltry in their appearance, and more simple in their structure than those between the capitals. Indeed, they gradually become more miserabl

with some German colonists. In respect of public instruction, Tula is subordinate to the university of Moseow: in 1835, 1,476 children were attending the public schools. Public revenue in 1821, 9,212,172 roubles.

TULA, a town of European Russia, cap. of the above government, on both sides the Upa, 110 m. S. Moscow, 1st. 54° 11′ 29″ N.; long. 37° 1′ 34″ E. Pop., including the government workmen, but exclusive of troops, about 35,000. (Possart, 53°). This town, the "Sheffield and Birmingham" of Russia, is one of the most interesting in the empire. Clarke says that, as seen from a distance, it has an imposing appearance. A very handsome church, with white columns, appears above the town, which occupies an extensive vale, and is filled with spires and domes. The entrances on both the N. and S. sides, are through triumphal arches, made of wood painted to imitate marble. (Trav. i. 237.) It is divided into several suburbs. There are 2 convents and 26 churches in Tula, all of stone; but the edifices which chiefy attract the stranger's attention, are the gun-manufactory, the gymnasium for the government; Alexander's school, opened in 1802 for the education of youth, at the expense of the nobility; the foundling hospital, a branch of that of Moscow; the house of correction. der's school, opened in 1621 for the education of youth, as the expense of the nobility; the foundling hospital, a branch of that of Moscow; the house of correction, prison, arenal, theatre, gostison deor, or building for the preservation and sale of merchandise, &c. The shops in the latter present more activity and industry than are usually met with in Russian towns, and some of the

are usually met with in Russian towns, and some of the merchants are reputed rich. There is a continual mixture of wood and stone houses; but some streets are lined on both sides with stone edifices, many of which are massive and in good taste. (Clarke; Lyall; \$c.)

The musket manufactory, though commenced at an earlier period, is indebted for its original importance to Peter the Great. It was remodelled and improved by Catherine II. in 1785; but its present excellence is mainly owing to Mr. Jones of Birmingham, invited into Russia in 1817. About 7,000 men and 9,600 women are employed in this factory, besides 3.500 hands in subsidiary occupations. About 70,000 muskets and 30,000 swords are said to be annually made here, exclusive of great numbers pations. About 70,000 muskets and 50,000 swords are said to be annually made here, exclusive of great numbers of carbines, pistols, bayonets, pikes, &c. The metal employed comes wholly from Siberia, and is of excellent quality. The workmen in the gun-factory enjoy peculiar immunities and privileges; they form a separate body, and have their judges selected from among themselves. They are divided into five trades; barrel-waters look makers stock-makers (purishbare makers) separate body, and have their judges selected from among themselves. They are divided into five trades; barrelmakers, lock-makers, stock-makers, furnishing-makers, and makers of small arms. The arms made at this factory have been ridiculously depreclated by some travellers, and as extravagantly extolled by others. The exploits of the Russian armies speedily shewed the entire worthlessness of the statements made by Clarke as to the badness of the Tula muskets; and, in point of fact, though they want the neatness and finish of the muskets of Birmingham, they are of very good quality. Some, also, of the fire arms and swords made here are very highly finished; but these are comparatively high priced. Among the other fabrics of Tula are mathematical and physical instruments, jewellery, and platina wares, with silk and hat fabrics, tanceries, &c. The town is the residence of a military governor, with authority extending over the governments of Tula, Tambof, Risan, Orlof, Voroneje, and sometimes Kaluga.

Ancient Tula, which existed in the 12th century, did not occupy the site of the modern town, though it was on the Upa, at nd great distance. The present city was founded in 1809, by Vassili-Ivanovich, who fortified it

not occupy the site of the modern town, though it was on the Upa, at nd great distance. The present city was founded in 1509, by Vassili-Ivanovich, who fortified it with a stone and brick wall, &c. Its defences, however, were insufficient to prevent its being frequently plundered by the Tartars, it being on the high road to Moscow from the Crimea. It has often suffered severely from fire; the last visitation being in 1834. (Schwitzler; Possert; Clarke's Tras. 1.; Lyall's Tras. in Hussia; Modern Tras. xv.)

from fire; the last visitation being in 18.4. (Schwitzler; Possert; Clark's Tras. 1.; Lyal's Tras. in Hussia; Modern Tras. x., 1.; Lyal's Tras. in Hussia; Modern Tras. x., 2.

TULLAM Oil E, an inland town of Ireland, prov. Leinster, King's co., of which it is now the cap., on the Tullamore river, an affluent of the Brosna, and on the line of the Grand Canal, in the centre of the Bog of Alien, 49 m. W. by S. Dublin. Pop. in 1841, 6,348. In consequence of its advantageous position on the Grand Canal, this town, which in 1790 was an obscure village, has risen to the the principal town of the co. The streets are wide and regular, and the shops and private dwellings are most respectable. In addition to the ordinary passage-boats between Dublin and Ballinasloe and Limerick, which all touch here, it has a daily communication with Dublin, by means of the swift iron boats lately established on the canal. Large quantities of corn and other articles of provision are shipped here for the metropolis. In consequence of its increasing size and importance, the assises and other co. business were transferred thitter in 1833, and other co. business were transferred thitter in 1833. co. business were transferred thither in 1833, and other co. outlines were transferred titude; in 1635, if from Philipstown. The principal public buildings are the court-house and gaol, on the radiating plan, which stand contiguous, on a raised platform, at the W. end of the Frant in Sussex, being about 5 m. S. Tunbridge, it con-

TUNBRIDGE. 815town. It has also a par. church, a large Rom. Cath.
chapel, a Quaker and two Methodist meeting-houses,
some large public schools, a market-house, barracks, and
infirmary. It is a constabulary station, has 3 brewertee,
and 2 distilleries; and large quantities of bricks are made
in the vicinity. Markets on Tuesdays and Saturdays;
fairs May 10., July 10., and Oct. 21. Post-office revenue in 1830, 646L; in 1836, 688L. A branch of the Bank
of Ireland was opened here in 1836. Adjoining the town
is Charleville Forest, the seat of its noble proprietor, the
Earl of Charleville, to whose liberality and munificence
the town is greatly indebted. The pleasure-grounds are
open to the inhabs.

TULLE, a town of France, dep. Correse, of which it

open to the inhabs.

TULLE, a town of France, dep. Correze, of which it is the cap., on the Correze, 72 m. S.W. Clermont. Pop., in 1846, ex. comm., 7508; or inc. comm. 10,769. It stands partly on the steep declivities on either side theriver, and partly on the narrow space of ground between.

"It is small, and its buildings are old and unpreposriver, and partly on the narrow space of ground between. It is small, and its buildings are old and unprepossessing; but it has a pleasant promenade on the river's bank, good quays, many bridges, a church in a semi-Gothle, semi-Carlovingian style, a well-planned court of justice, some large buildings appropriated to a royal manufactory of fire-arms, carried on upon a very extensive scale, a well kept hospital, gendarmerie barracks, a departmental prison, college, seminary, theatre, and public library of 2,000 vols. Its inhabs, appear to have a decided taste for embellishment, and the town is expected thereby to manifest marked improvement in a few years. It has several mansions ornamented with Gothic and other sculptures, testifying the opulence of the ancient families. One house in particular, in the principal square, called the Maison Sage, and dating from the 14th century, has its front decorated with arabesques in good taste, and of superior execution. The cemetery of Tulle is in a remarkable situation, on an isolated hill, commanding the town, on which also is a lofty square tower, supposed to have been built by the Romans, which has long served for a prison." (Hugo, and Guide dus Voyageur.)

Tulle has tribunals of original jurisdiction and commerce, a school of geometry, &c., a society of agriculture, and manufactures of wax candles, oil, nalis, and

Tulle has tribunals of original jurisdiction and commerce, a school of geometry, &c., a society of agriculture, and manufactures of wax candles, oil, nails, and hardware, paper and leather; but it is a curious fact that though the linen fabric called Twile, most probably derived its name from this town, it is no longer produced either here or in the neighbourhood. It has 12 dirs a year, one of which lasting the 3 first days of June, is a great mart for horses. The principal races within a circle of several deps. are held near Tulle. This town is supposed to be not older than the 7th century; but about 3 m. northward are the ruins of Tintignac, probably the Ratiastisms of Ptolemy, exhibiting traces of a large amphitheatre, and of other extensive edities, (Hugo, art. Corres; Dict. Geog.)

TUNBRIDGE, or TONBRIDGE, a market town and par. of England, co. Kent, lathe Aylesford, hund. Tunbridge, on the Medway, 27 m. S.E. London. Area of parish, 14,730 acres. Population, in 1841, 12,530. The town appears to have owed its origin to a strong fortress erected in the 11th century, of which the entrance gate, flanked by two round towers, and part of the keep

gate, flanked by two round towers, and part of the keep still remain. It consists principally of one long, wide, and pretty well built street, paved, lighted, and very clean. The public buildings include the church, gram-mar-school, town-hall, and market-house. Several bridges mar-achool, town-hall, and market-house. Several bridges cross the Medway, which is here divided into different atreams, the principal being erected in 1775, from a design by Mr. Milne, architect of Blackfriars-bridge, London. The living, a valuable rectory, in the gift of — Deacon, Esq., is worth 7634. a year, nett. There are several diseasting chaptels. The grammar-achool, founded in 1534 by Six Andrew Judd, a native of the town is under the government of the Skinner's Company, and has one exhibition to either university, of 184, two of 124, six of 104, and several to a less amount; besides which, 3664. exhibition to either university, of 122., two of 122., and of 123. alary, &c., leaving a considerable annual surplus. At present there are about 45 scholars on the foundation. Holme's school at Southborough, at which to children are taught the rudiments of instruction, has an income of 108/. a year; and there are several minor establishments for education, besides various other minor establishments for education, besides various other endowments for the benefit of the poor, amounting altogether to upwards of 801. a year. (Parl. Reps.) It has a market on Friday, and four annual fairs. The grammar-school has had some very distinguished masters, among whom may be specified the learned Vicesinua Knox, D.D., author of Moral and Literary Essays, a treatise on Liberal Education, and various other popular and exceedingly useful works. Dr. Knox succeeded his father as master of the school in 1778; and having held the situation for 33 years, or till 1812, he was in his turn, succeeded by his son. The doctor died as Tunbridge in 1821. Tunbridge in 1821.

TUNIS.

sists of several different divisions, as Mounts Ephraim, Sion, and Pleasant, and the Wells, the pump and assembly-rooms, public parades, chapel of King Charles the Martyr, &c. being in the latter. The springs, which were first discovered in the reign of James I., soon attracted the notice of the fashiomable world. Henrietta Maria, queen of Charles I., paid a visit to the wells: but there being at that period no houses nearer than Tunbridge, and those not particularly suitable for such a guest, her majesty and her suite lodged in tents pitched on Bishop's Down! The wells were also visited by Catherine, queen of Charles II., Queen Anne, and other distinguished personages. The water is a chalybeate, with an excess of carbonic acid gas, very similar to that of the Pouhos spring at Spa in Belgium. Tunbridge Wells resembles Spa in some other particulars; as in its manufactures, toys, boxes, and turned wares being made here in great variety, and also in its being much less frequented now than formerly by the leaders of the hant fon. The season for taking the waters continues from May to November.

variety, and also in its being much less frequented now than formerly by the leaders of the hast ton. The season for taking the waters continues from May to November. There are races in August, which are tolerably well attended. The chapel at Tunbridge is situated at the junction of the three parishes of Spediurst, Tunbridge, and Frant, and is partly in each. The air of this district is pure and salubrious, and is, perhaps, little less efficacious than the waters in removing complaints.

TUN18 (an. Zeugitania and Bizacium, the E. portion of the Africa of F. Nela, with part of Gestulia), a kingdom or regency of N. Africa, a nominal dependency of the Turkish empire, principally between the 33d and 37th degs. of N. lat., and the 9th and 11th of E. long.; having S. E. the regency of Tripoli, N. W. that of Aligers, S. and W. the desert, and N. and E. the Mediterranean. Length N. to S. about 400 m. Its area has been roughly calculated at 72,000 sq. m. The pop. has been very variously estimated; but, perhaps, it may be taken at about 9 or 24 millions, of whom probably from 7,000 to 10,000 may be Turks, about the same number Christians, 112,000 renegades, 100,000 Jews, and the remainder Arabs, Moora, and Berbers, the Arabs being the most numerous. This territory is traversed by several branches of the Moors, and Berbers, the Arabs being the most numerous. This territory is traversed by several branches of the chain of Atlas, one of which separates it from the Biludel-Jerid, or "country of dates." The S. part of the regency is mostly a sandy waste, and some other parts are desert; but many tracts are of the highest fertility, particularly those watered by the Mejerdah. This river, the Bagrada of the ancients, is formed by the union of two streams, on the W. frontier of Tunis, and runs thence forward generally N.E., entering the Mediterranean about lat. 37° N., long. 10° E., a few m. N. of the site of Carthage. According to Shaw, it is "equal to the list united with the Charwell." Flowing through a rich and fertile country, it becomes highly impregnated with soil: —

"Turbidus arentes lento pede sulcat arenas Bagrada." Sillus Ital., 1. vi. 140.

Bagrada."

Silius Ital., 1. vi. 140.

The Mejerdah receives no large tributary, nor is there any other considerable river in the regency. In the S., about 40 m. inland, is the Sibhah, a remarkable tract 70 m. in length N.E. to S.W., portions of which formed the Palus Lybiæ, P. Tritonis, &c., of antiquity. In winter, it is covered with water to the depth of 2 or 3 ft., but at other times it is a dry plain, the surface being entirely covered with a salt incrustation. Sir G. Temple, who, it had dry eason near teven hours in growing the Si. covered with a salt incrustation. Sir G. Temple, who, in the dry season, spent seven hours in crossing the Sibhah, says that, on approaching it, "the grass and bushes become gradually scarcer; then follows a tract of sand, which, some way beyond, is in parts covered with a very thin layer of salt; this, as you advance, becomes thicker and more united; then we find it in a compact or unbroken mass or sheet, which can, however, be penetrated with a sword or other sharp instrument, and here I found it to be 11 inches in depth; and finally, in the centre, it becomes so hard, deep, and concentrated, as to baffie all attempts at breaking its surface, except with a pickaxe. The salt is considerably weaker than that of the sea, and is not adapted to preserving provisions, though its flavour is very agreeable." (ii. 160—163.) About the centre of the lake are the foundations of a circular tower, where caravans halt to feed their camels; and in several parts caravans halt to feed their camels; and in several parts are elevated plateaus, forming islands in the rainy season, the largest of which, covered with a luxuriant vegetation of date paims, is the PMa of Herodotus. The Arabs have a tradition that this lake once communicated Arabs have a tradition that this lake once communicated with the sea by means of a river, but no traces of such communication appear to exist at present. There are no other inland lakes of consequence, but several considerable arms of the sea, as the Gulph of Biserta (an Sinus Hipponensis), the Lake of Tunis, &c. The coasts of Tunis are greatly indented by bays, those of Tunis, Hamamet, and the Gulph of Gabes, or Lesser Syrtis, being the principal. The principal promontories and headlands are the Dakhul, a long tongue of land terminating in Cape Bon (an. Prom. Mercuril), the scene of several events in the \$&th book of the Eneid; Capes Serra, Ras-el-abiad, or the white promoutory (an. P. Candidam), Ras-Zibeeb (an. P. Apolitais), &c. The

shores in the N. are frequently bold, but in the S. they

snores in the N. are frequently bold, but in the S. they are low and sandy.

The geology of this country has been little or not at all studied; nor have its mineral resources been turned to profit for many ages. Copper and lead were among the exports of the Carthaginians; and these metals, with to profit for many ages. Copper and sead were among the exports of the Carthagnians; and these metals, with silver, are still to be found in the mountains: there is also a quicksilver mine near Porto Farina, but mining is altogether neglected. The climate appears to be less bot than might have been supposed. Sir G. Temple says, the average heat in Aug. and Sept. at Tunis is \$3º Fah.; and in the year of his visit the thermometer seldous rose to \$60°, and never exceeded that limit. From the 19th Dec. 1832 to the 19th Jan. 1833, it averaged 550°; the highest range during that period being \$60°, and the lowest 52°. Rainy weather commences about the end of Oct., and continues, at intervals, till May. As early as Jan. the surface is covered with fresh verdure; and, on the whole, the climate may be said to be healthy as well as pleasant. It is true that the plague is not unfrequent, and that its ravages have been supposed to be a principal cause of the depopulation that is admitted to have taken place during the last half century. But this is to be ascribed far more to the sluttishness of the linhabs., and the want of precautions, than to any thing unfavourable in the climate.

inhabs., and the want of precautions, than to any thing unfavourable in the climate.

The vegetation is, for the most part, the same as in the adjacent regency of Algiers, and on the opposite shores of Sicily and S. Italy; the olive, pistachio, carob, with dates, melons, the lotus, &c., are common products. This region was, in antiquity, deservedly celebrated for its extraordinary fertility. It exported large quantities of corn to Rome, of which it was one of the granaries. Pliny, in speaking of the extraordinary productiveness of the soil, assures us that a plant of wheat (trificasm), sent from it to Augustus, had little short of 400 stalks; and another, sent to Nero, had 340! In antiquity, indeed, and mother, sent to Nero, had 340! In antiquity, indeed, the common opinion was, that in this favoured region the common opinion was, that in this favoured region the labour of the husbandman was rewarded by the enormous increase of 100-fold! Hence, says Silius Italicus:—

"

acu sunt Byzacca cordi

Rura magis, centum Cereri fruticantia culmia."

Lib. Ix. lin. 204. And it would still seem to be endowed with the same wonderful productiveness. Sir G. Temple says, that "whilst halting in a field of young barley to feed our horses with its tempting crop, I counted on one plant 97 shoots or stalks; and this was not selected by me as being the largest but as the negaret to when I was sir being the largest, but as the nearest to where I was sti-ting." (Excursions, ii. 108.) In fact, there cannot be so much as the shadow of a doubt, that were Tomis sub-ject to an intelligent government, it would, at no distant ject to an intelligent government, it would, at no distant period, furnish large quantities of corn for exportation. At present, indeed, such is the undiminished fertility of the soil, that a surplus is raised for exportation not withstanding the oppression and extortion to which the husbandman must submit. The government assessor goes into a field while the crop is in ear, and values it according to his caprice; taking care, however, to be always above, and never below the mark. The owner is then obliged to pay a tithe on this supposed value of his future crop: though, when harvest time has arrived, he finds, perhaps, that it does not exceed 1-4th part of the sum at which it was estimated! The same is the case with olives, the principal resource of the country; and these, moreover, are not allowed to be gais the case with olives, the principal resource of the country; and these, moreover, are not allowed to be gathered till an order to that effect has been received; and in consequence of the great delay which often takes place in sending it, the fruit frequently falls and rots on the ground, the owner not being permitted to pick it up; he is also obliged to send his olives, when they have finally been collected, to mills established by the bey, who derives therefrom a considerable profit. (Temple, 225, 226.) We need not, therefore, be surprised that agriculture should be almost wholly neglected and abandoned, no one venturing to cultivate more ground than is sufficient to supply his immediate wants, and to furnish the taxes to government. Wheat, barley, borgho, maise, and millet are the grains principally raised; in the 3, the date tree supplies the Arabs, not only with their principal nutriment, but, also, with their fuel, and the materials for most of their domestic furniture. Cotton and indigo have been introduced into culture somewhat materials for most of their domestic furniture. Cotton and indigo have been introduced into culture somewhat recently; in some parts saffron, white mulberry, opium, &c., are grown; and tobacco is pretty general. The sugar cane succeeds well, but no sugar is made. All the fruits of S. Europe, as pomegranates, oranges and lemons, figs, jujubes, &c., and the vines on the N. coast yield excellent raisins, most of which are dried for exportation; but apples and pears degenerate. Among other products of importance is hennah (Aleemah Arabum), so much used "as a dye for ladies' hands and horses' legs," and which is a chief article of trade at Gabes. This plant, where not annually cut, and kept low, grows to 10 or 12 ft. in height, putting out clusters of small flowers, having an odour of camphor. (Shew, 114.) The dye is a bright orange, or tawny saffron.

TUNIS.

The leaves are picked twice a year, dried and powdered, and in this state sold in all the markets of the E. The powder, formed into a paste, is applied to the part required, and then bandaged round. The plant is cut level with the ground as soon as the leaves have been picked. The hennah, like the date palm, requires to be frequently watered, for which purpose the plantations are divided into squares, and enclosed by bank; a stream is then admitted into them, and allowed to flow for a certain time every week, generally an hour a day, and two hours during the night, each square being watered in turn. The expenses of watering are defrayed by the various occupants, in proportion to their number of squares. (Semple; Shaw.) This system of irrigation is noticed by Pfiny. (I. lib. xviii. cap. 32.)
Horses, mules, camels, and oxen are used for field

Horses, mules, camels, and oxen are used for field labour, and, with sheep, are the principal domestic ani-mals. The breed of horses has deteriorated, in consemais. The bress of norses has deteriorated, in consequence of the government selsing for its use those that are most valuable. The cattle are small, but good, and many are sent to Maita. Some of the sheep are very fine, and all have the large far tail which characterises the African breeds. The Merino breed is said to have been distinguished the standard into Casale from Raphary (Trumple

are most valuable. The cattle are small, but good, and many are sent to Malta. Some of the sheep are very fine, and all have the large far tail which characterises the African breeds. The Merino breed is said to have been originally introduced into Spain from Barbary. (Temple, i. 227.) The lion, panther, jackal, wild boar, jerboa, genet, &c., are among the wild animals. Most of our readers are, no doubt, aware, that the banks of the Bargada are celebrated in history for the stubborn resistance which an enormous serpent (130ft. in length), found on its banks, is said to have opposed to the progress of the Roman army under Regulus! (Lie. Eppl., lib. xviii., *inius Gelius., lib. viii. cap. 3.) But it is now generally scknowledged that many apocryphal statements have been mixed up with the history and fate of Regulus; and the practism grande atone acre with the serpent does not certainly seem to be the most authentic part of the story. At ail events, this gigantic brood of reptiles has now luckily disappeared; and Sir G. Temple says that the largest of those existing never exceed 12 ft. in length. The locusts, which often visit the country in clouds, eating up "every green thing," are incomparably more destructive than the reptiles. Large quantities of fine coral are found round the coasts, which are visited in consequence by Sicilian and Neapolitan fishermen.

Mansafactures are few: they comprise some silk, linen, and woollen fabrics, leather, &c.; but the principal are soap and the beretit, or red caps of Tunia, so well known throughout the Meditorranean. The principal soapworks are at Susa. The soap is of good quality, and the soft especially is much esteemed. Little is prepared on a speculadrive anticipation of a demand for exportation, but any quantity may be had by contracting for it a few months beforehand. The manufacture of skull-caps is said to have employed formerly more than 50,000 persons, and 3,000 bales of Spanish wool were annually used. Macagull, in Mod. Trav.) At present it is reduced to one third

French consul, the value of the different articles of export from Tunis may be estimated as under:

Oli	•				•	4,140,534
Grain and p	ulee		•	•	•	279,437
Pistachios a	nd dates		-		•	87,260
Wool	•		•		•	1,166,651
Cattle	•		•		٠	97,101
Sponges	•		•		•	210,504
Senna	•	•			٠	60,017
Wax			•		•	40,140
Hides	•				•	240,770
Tunny fish	-		•		•	221,437
Gold-dust a	ad elephs	ınts' te	eth		•	400,000
Red caps					-	1,884,451
Some						67,090
Burnouses,	shawle. b	lanket	s, and v	ario	OS.	
other ar	ticles	•				521,060
	To	tal				9.406.436

The imports are woollen goods, from France and England; cottons and linens, from the latter and Germany; with coffee, spices, sugar, tin, lead, and iron, silk, wool, wine, &c. The government monopolises the trade in wine, &c. The government monopolises the trade in many articles; as tobacco, wax, wool, and provisions, which it farms out to various individuals.

The Government is in the hands of a bey, who rules with despotic power: he receives the caftan, with the dignity of a pacha of three tails, from the suitan, but is not otherwise in any way dependent on Turkey. The divan is composed of 37 mems., each of whom has a vote in council; but this body has only a nominal authority. in council; but this body has only a nominal authority. The revenues of the bey have been estimated at \$4,000,000 plastres, or upwards of 1,500,000\(\). a year; though at present that derived from regular sources is supposed not to exceed one fourth part of this sum. Its principal sources are the customs, which are farmed every year to the highest bidder; the tithes upon the cultivation of oilves, corn, and other products; the sale of permits for the exportation of necessaries and the importation of wines and aprigts, usury taxes, the hev's domains, the sale the exportation of necessaries and the importation of wines and spirits, usury taxes, the bey's domains, the sale of government offices, a poll-tax on the Jews, the traffic in slaves, and private mercantile speculations of the bey, occasional extortions from the wealthy, and the property of those who die without heirs, of which the exchequer takes forcible possession.

The armed force consisted, in 1832, of nearly 50,000 men; but of these 40,000 composed the contingents (chiefly cavairy) furnished by the different Arab tribes, and the standing arms consisted only about 6,000 men.

and the standing army consisted of only about 6,000 men. and the standing army consisted of only about 0,000 men. The regular infantry, a body of 2,000 men, were originally organised by a French officer in 1831. There are 3,000 Turkish infantry, 2,000 spahis, or paid cavalry, 300 Mamelukes, forming a body-guard, and if pieces of artillery. The naval force now consists of only a corvette, a

Manelukes, forming a body-guard, and 16 pieces of artustery. The naval force now consists of only a corvette, a few brigs and schooners, and about 30 gun-boats; and Tunis is no longer formidable for piratical expeditions. By a treaty with France in 1830, piracy and Christian slavery were wholly abolished.

The people, their manners, customs, &c., are similar to those of Algiers, to which we beg to refer the reader. The Tunistans may, however, claim to be considered tha most civilised and tolerant nation in Barbary; though in negotiations with them, as well as the neighbouring powers of N. Africa, Sir G. Temple thinks an attitude of firmness, and not of conciliation, should be adopted, the latter being always supposed to indicate fear and the latter being always supposed to indicate fear and weakness.

weakness.

This region, which in antiquity was the centre of the Carthaginian dominions, remained in the possession of the Romans from the destruction of Carthage to the beginning of the fifth century, when the Vandais settled themselves in Africa. In 690 it became subject to the callphs, and, after belonging to several successive dynasties, was conquered by Barbarossa in 1534. The emperor Charles V., in 1537, took Tunis, and restored the dethroned Muley Hassan; but in 1570 the country was taken anew by the Turks, and it has only regained independence by the gradual decline of their empire. (See Shaw's Travels in Barbary; Temple's Excursions in the Mediterranean, 2 vols.; Mod. Trav. xx.; Privale Information.)

independence by the gradual decline of their empire. (See Shav's Travels in Barbary; Temple's Excursions in the Mediterranean, 2 vols.; Mod. Traw. XX.; Privale Information.)

TUNIS (an. Twmes), a marit. city of N. Africa, capo the above regency, on the W. side of the Gulph of Tunis, being separated from it by a large sait-water lake or lagoon, about 4 m. W. from the sea, and 3 m. S. W. from the ruins of the ancient Carthage; lat. 36° 47' 59' N., long. 10° 11' E. Its pop., which is greater, perhaps, than that of any other African city, Cairo excepted, has been estimated at from 100,000 to 150,000, of whom, perhaps, 30,000 are Jews and 2,000 Christians. It stands on the edge of the lagoon, upon rising ground, backed on the W. by heights, which are crowned by the katbah, or citadel. The town is inclosed by a wall of earth and stone, and a second wall surrounds its 3 suburis, the outer wall being about 5 m. in circ. Towards the N. it seefended by 2 castles, and other heights around it on the S. and E. are protected by detached forts; but not-withstanding the sums laid out on its defence, it is not a well fortified or strong town, and has been repeatedly taken. The bouses, though of stone, are mean and poor, and the streets narrow, unpaved, and filthy: the basaars, which are superior to those of Algiers, are vaulted overhead, and sometimes furnished with footways. There are a great number of mosques, several of which are handsome, and one was converted into a Catholic cathedral during the Spanish occupation. The palace built by the isate bey, in which Queen Caroline lodged during her visit to Tunis, is a square edifice, magnificently decorated within. The rooms are placed with marble, and all open upon marble courts, with fountains in their centre. For about 10 ft. from the floor the walls of the rooms are lined with glazed tiles, and above this with stucco-work poculiar to the Moors; while the ceilings are traced in different-coloured patterns, with much taste. The great hall of justice has never been finished. In

large barracks, also built by the late bey; and a very extensive edifice of the same description, fitted to accommodate 4,000 men, was, a few years since, in the course of being built. (Temple, 1. 175.) In digging the foundations of this edifice, two sarcophag were found, and an ancient cistern of great extent, and in good preservation. The stiadel, though large, is in a ruinous state, having but one efficient battery: in it is a gunpowder factory. Tunis has many gates, one of which, called the Bab-Kartajiash, or Carthage-gate, has in its vicinity the Protestant burial ground. It has also a Rom. Cathcowest, church and chapel, a Greek church, an Engiths consulate, and a theatre at which Italian operas and comedies are performed 3 or 4 times a week. About 14 m. W. from the city is the Barde, or summer palace of the bey. It resembles a little fortified town, with its ramparts, bastlons, &c., and has a pop. of at least 4,000 persons, employed in some way or other about the court.

The Belgian frontier, 10 m. N.E. Lille. Pop., in 1835; 3,749. It is regularly ladout, and pretty well built: the moval and an ancient cost and in the remains of an old feusdal castle, are its most complicuous objects. The inhabac castle are its most complicuous objects. The manufactures common to Lisie and Rousdard in the articles woven are chiefly coarse cotton goods and linens. The weavers gain 5 or a the latter (asstè, p. 603—604.) "Tourcoing has fewer looms than Roubak: the manufactures common to Lisie and Rousdard in the manufactures com

horeshoe; it is 16 m. deep, and has good anchorage all over in from 4 to 10 fathoms water. The N. and N. B. gales sometimes throw in a heavy sea, which, however, seldom occasions any damage. The port is at the Goletta, or channel, passing through the narrow belt of land separating the lagoon of Tunis from the sea. There is at all times about is ft. water in the canal, and ships may use it on paying a fee of 3 dollars a day. It is not, however, much resorted to, all vessels of considerable burden loading and unloading from their moorings in the bay, by means of lighters. The Goletta is pretty strongly fortified, though commanded by a hill to the N. A harbour light, 40 ft. in height, was erected at the entrance to the canal in 1819. A great number of boats are employed in conveying goods and passengers across the lagoon between the port and the city.

The lagoon of Tunis was formerly, as Procopius states, a deep port, with water sufficient to float large ships. But now, from its being the receptacle of the fifth conveyed to it by the common sewers of the city, and other causes, its greatest depth does not exceed 6 or 7 ft.; while round the shores it is comparatively shallow. An island in its centre, opposite the city, is defended by a fort. It does not receive any rivulet, and its loss by evaporation is supplied by a current which sets into it through the Goletta.

The average annual yeue of the exports from the seconts of Tunis from 1800 to 187 has been estimated.

The average annual value of the exports from the regency of Tunis from 1830 to 1837 has been estimated at 7,527,000 plastres, and that of the imports at about 134 millions do. Subjoined is an

Account of the Value of the Exports and Imports of Tunis in 1837, specifying the Value of those sent to each Country:—

Countries.			Exports. Value in Plastres.	Imports. Value in Plastres
France Algiers and Bona Great Britain Austria Bardinia Tuacany Turkey Barhary States Greece Naples and Sicily U. S. of America Spain		•••••••••••••••••••••••••••••••••••••••	2,138,071 4,37,782 656,174 21,960 916,271 703,985 1,470,980 66,850 4,58,060 79,994 95,419	1,842,229 86,935 1,529,895 120,595 615,418 4,298,010 1,161,495 83,145 582,470 161,865
Total	•		7,048,426	10,594,407
Equal to	,		L- 239,480	L. 360,140

But this, though it be the most considerable native trade of any city on the Barbary coast, is certainly not a tenth

But this, though it be the most considerable native trade of any city on the Barbary coast, is certainly not a tenth part of what it would amount to were the country subjected to an intelligent government, and its gigantic resources properly developed. Naval and military stores imported into Tunis pay no duty; other articles pay 3 per cent actions on a rated tariff. Accounts are kept in plastres (worth about 1s. 1d.) of 16 carobas, or 52 aspers each. The Tunis bo. of 16 os. = 7.773 grs.: the principal commercial weight is the cantaro of 100 lb. = 111 lb. avoird. The capts, for corn. = 144 imp. bushels; the mastier, for oil, = about 5 galls. The pic varies from 18 to 26 in. According to Strabo, Transe existed before the foundation of Carthage. The chief avoirts in its history are its numerous sleges and captures. Louis 1X. of France elied before its walls in 1370; and it was taken by the Emperor Charles V., who defeated Barbarosas under its walls, in 1535. On this occasion about 20,000 Christian slaves were freed from bondage; but, unfortunately, 30,000 Moslem inhab. of the city were, at the same time, put to the sword, despite the efforts of the emperor to prevent it, by the victorious troops, while 10,000 more were carried away, and sold as alaves. (Robertson's Charles V., ii. 37th, 4to ed.; Shaw's Transels; Temple's attio; Comm. Diet.; and private information.)

TURCOING, or TOURCOING, a town of France, dép. du Nord, cap. two cantons, immediately adjoining

Report.)
TURIN (Ital. Torino, an. Augusta Tosurinorusu), a city of N. Italy, the cap. of the Sardinian dominious, prov. of same name, in Piedmont, near the Po, where it is joined by the Dora, 80 m. W.S.W. Milan. Lat. 43° 4′ 5′ N.; lon. 7° 40′ 18′ E. Civil pop. in 1838, of the city proper, 82,463; do. with suburba included, 104,078; and included. proper, 82,469; do. with suburbs included, 104,078; and including the canton, or immediately adjacent territory and the garrison, 122,992. The city is of an oval shape, and about 4 m. in circuit: it was formerly fortified, but is now an open town, standing in a rich, well watered, and well cultivated plain: it is approached by four fine roads shaded with forest trees; the surrounding hills being covered with handsome edifices, among which the church of La Superga is pre-eminent. The impressions which Turin produces on the traveller are very much governed by the circumstance of its being the *frst* or the *Last* city he visits in his progress through Italy. Mr. Woods, whe had already seen the best productions of architecture, states that being built on a fat, Turin makes no show as a distance; the domes and towers are neither numerous a distance; the domes and towers are neither numerous nor lofty, and on looking down on the city from the neighbouring bills, the dingy red tile roofs have a disneighbouring bills, the dingy red tile roots have a disagreeable appearance. (Letiers of ass Architect, it. 422.) But Forsyth, a severe as well as an excellent judge, says that Turin is admired for the regularity of its plan, the cleanness of its streets, the symmetry of its squares, the splendour of its hotels, and the general elegance of its houses; and Simond adds, "Turin forms a perfect coutrast with all the cities we have been accustomed to see in Italy: it is new, fresh, and regular, instead of antique and in decay; and the buildings, all alike, are collectively magnificent if not quite so in detail, the materials being only brick coated over in imitation of stone. A profession of running water keeps the fine wide pavement clean. All round the town, ancient trees of luxuriant growth oppose their impenetrable shade to the intolerable heat of the sun, and the views of the Alps are magnificent."

(Trave, p. 606.) On the whole it may be truly said, that, (Trav. p. 606.) On the whole it may be truly said, that, were it not for the taste for meretricious ornament which were into to rise taste for mercuricum ornament which is offensively prevalent every where in Turio, it would be one of the very finest cities of Europe. It has indeed comparatively few modern works of art, and little to insterest the antiquary; and there is scarcely any thing to characterise it as an italian city: to most travellers it has appeared rather like a new and handsome French

characterise it as an italian city, to have the has appeared rather like a new and handsome French town.

Except in the old town, which forms about one sixth part of the whole, the streets, which are bordered by houses four or five stories high, are straight and cross each other at right angles; and here, as in the new towa of Edinburgh, and the N. W. and other parts of London, entire rows and streets of considerable extent are of precisely similar architecture. The royal palace stands in the centre of the town, in the Piazza Reale or di Castelle a very large and elegant square, surrounded by many other public buildings, and having in its centre the former palace of the Dukes of Savoy, a castellated mansion environed by a moat. The Stradact Po, a noble street 2 particularly and the property of the street of the town of the property of the Prench; but which is said to be surpassed by a new bridge over the Dora recently completed. The Stradact Po, in the street, the Prince of the Prince over the footways, which give a most agreeable and imposing appearance to these parts of the Prince of the property of the Prince of the property of the property of the Prince of the property of the with four fronts of different architecture. According to Forsyth "three of these are hideous in themselves, and derive comparative ugliness from the beauty of the fourth. This last front, composed of one Corinthian peristy

TURIN.

valsed on a plain basement, is the noblest elevation in Turin, where it bolds the post of honour." (P. 418.) The private palnees would strike a stranger who had just crossed the Alps as very magnificent, but there are many in Italy equally large and in a much purer taste. That of Prince Carignano has a remarkable staircase by Guarini, who, along with Guivarra, has been the architect of most of the principal edifices in Turin.

The cathedral, a Gothic structure built about the end of the 16th century, has been praised for the richness of its appearance, particularly the W. front, which is ornamented with well executed bas-reliefs, &c. In it is the chapel of the Santo Sanote, in which the winding-sheet of our Saviour is preserved with all the attention due to so important and so authentic a relic. This cathedral was formerly among the wealthiest churches in Italy; but its plate has been sold, and the produce applied for the most part to secular, indeed, but certainly quite as useful, purposes as those to which it had been previously appropriated. In fact, the useless riches of this cathedral, its images, vases, candlesticks, &c., defrayed the cost of erecting the bridge across the Po in this city, and embanking that river, as well as of improving the Tuileries, and building the Rue de Rivoil in the French capital. (Conder's Liefy, 1. 190.)

The churches of San Filippo, San Cariatina, and many others, are richly adorned; but they all yield the palm to La Saperge, situated on a hill about 5 m. from Turin. It was on this spot that the Duke of Savoy (Victor Amadeus) and Prince Eugene met to concert their plans for the sitack of the French, and the deliverance of the city in 1705; and the church was constructed by the duke as a monument of his gratitude to the God of battles for having given a signal victory to his arma. The edifice is not unworthy its origin. It is of a circular form, and surmounted by a dome. Eustace says, "All the columns in this building are of marble of different colours, and give the edi

surmounted by a dome. Eustace says, "All the columns in this building are of marble of different colours, and give the edifice an appearance unusually rich and stately. Instead of pictures, the alters are decorated with baseliefs, the pavement is of variegated marble: in short, all the different parts of the building, and even the details of execution, are on a scale of magnificence." (Class. Tour. iv. 100.) It must be admitted, however, that the building has some considerable defects, which have been pointed out by Mr. Woods.

The university of Turin was founded in 1405. It consists of 3 faculties, or colleges, consisting of theology, with 4 professors; law, with 3 do.; medicine, with 6 do.; surgery, with 5 do.; and the arts, with 22. It is usually attended by about 1,200 students, who board out in private families. (Journ. of Edwar Xvi.; Simond, &c.) Its library is said by Rampoldi to have 60,000, and by Valery 112,000 vola.! Its buildings are extensive and well arranged: the court is surrounded with a double tier of porticoes, under which is a collection of ancient sculptures, bas-reliefs, &c., from the excavated Roman city of Industria, about 18 m. distant. In the museum of the Academy of Sciences is the valuable collection of Egyptian antiquities, formed by Drovetti, and purchased by the King of Sardinia for 400,000 fr. It comprises several colossal statues of Egyptian sovereigns, domestic and agricultural implements, MSS, and papyri, the famous laise table, &c. Under the same roof are museums of natural history, anatomy, and medals; and the royal library, comprising an extensive and valuable collection of historical and other works, including an extensive series of Bibles.

The citadel of Turin is a regular pentagon pleaned by the state of the court is a regular pentagon pleaned.

series of Bibles.

of historical and other works, including an extensive series of Bibles.

The citadel of Turin is a regular pentagon, planned by Urbino in the 16th century: it has extensive subterraneous galleries, and is still of considerable strength. The gates of the city, which were cased with marble, were demolished by the French, and the ramparts dismantled and converted into public walks. But, to use the words of Rampoldi, con tale desirvatione diverses was cittel interested of the city are now either deserted or appropriated to schools and museums; these, with 9 hospitals, 2 asylums, the colleges of the Jesuits and Ignorantaill, an arsenal, with a school of military engineering, a grand opera-house, ranking as the 3d theatre in Italy; 2 smaller theatres, the cemetery of the aristocracy, observatory, botanic garden, royal scademy of painting, and monste di pietd, comprise most part of the other establishments worth notice. Turin is the residence of the king and seat of the royal senate, or superior court for the king and seat of the royal senate, or superior court for the king and seat of the royal senate, or superior court for the king and seat of the royal senate, or superior court for the king and seat of the royal senate, or superior court for the king and seat of the royal senate, or superior court for the king and seat of the royal senate, or superior court for the king and seat of the royal senate, or superior court for the king and seat of the royal senate, or superior court for the king and seat of the royal senate of wollen and cotton goods, hardware, arms, paper, glass, earthenware, liqueurs, &c.; and its printing business is pretty extensive. The shops and hotels of the city are good, but the supply of water is bad, and the prevalence of fogs render it rather an unpleasant residence in autumn and winter. The manners, habits, language, &c., of the inhabitants are more French than Italian.

TURKEY.

Turin was made a military station by Julius Cessar on his invasion of Gaul. In 312 Constantine gained in its vicinity a great victory over Maxentius. Charlemagne annexed this city to the Marq. of Suas: it came into the possession of the Dukes of Savoy in 1032; and became their cap. in 1231. (Rampoldi.) It was taken by Francis I. in 1336, and held for 26 years by the French, who again took it in 1640. But the most celebrated by far of the sleges of Turin took place in 1705, when it was invested by a powerful French army. Voltaire has described the mamenae preparations made for this slege (Siècle de Louis XIV., csp. 20.); but the incapacity and disagreement of the French generals, and the talents of Prince Rugene and the Duke of Savoy, secured for the latter an easy and complete victory. All the vast stores accumulated by the French fell into the hands of the conquerors, and the besieging army was wholly dispersed. Under the French ascendency, from 1800 to 1814, Turin was the cap. of the dep. of the Po. (Rampoldi; Eustace, iv. 89—102.; Forsyth; Woods, II. 422—6.; Rose's Letters from the N. of Italy; Conders' Islay, i. 156—173. &c.)

TURKEY, or the OTTOMAN EMPIRE, a very extensive country, partly in S.E. Europe, and partly in W. Asia, comprising some of the most celebrated, best situated, and naturally finest provinces of the continents to which they belong. The limits of the Turkish empire are not easily defined; inasmuch as it is usually represented as including several extensive countries, that are either substantially or virtually independent. Moldavia, wallachia, and Servia, in European Turkey, are now connected with the Porte only by the slenderest ties; though, as some of their fortresses are garrisoned by Ottoman troops, and as they continue to pay tribute to the Porte, they may still, perhaps, be properly included within the wide range of the Turkish dominions. Egypt, howerer, and the other European Durkey, including Wallachia, Moldavia, and Palestine would have been annexed to the dominions of t

Palestine would have been annexed to the dominions of the pacha of Egypt.

European Turkey, including Wallachia, Moldavia, and Servia, comprises, with the exception of the new kingdom of Greece, almost the whole of the most easterly of the three great peninsulas of S. Europe, extending from 30 to 484 deg. N. lat., and from 154 to 254 deg. E. long. It is bounded on the N. by the Austrian empire, from which it is separated by the Save, the Danube, and the E. Carpathian mountains; on the N.E. it is separated from the Russian prov. of Bessarabla by the Fruth; on the E. it has the Black Sea, the Bosphorus, the Sea of Marmora, and the Hellespont; on the S., Greece; and on the W., the Mediterranean, the Adriatic, and the Austrian prov. of Dalmatia.

the W., the Mediterranean, the Adriauc, and the Advisions prov. of Dalmatia.

Very different estimates have been formed of the extent and pop. of this vast country, and neither is known with any thing approaching to precision. Perhaps, however, we shall not be far wrong if we estimate its extent at 210,000 sq. m., and its pop. at from 14,000,000

its extent at 210,000 sq. m., and its pop. at from 14,000,000.

The Turkish dominions in Asia are of still greater extent than those in Europe, but their pop. is much less considerable. They embrace the whole peninsula of Asia Minor and the adjacent islands, the greater part of Armenia and Koordistan, with Syria and Palestine, Mesopotamia, and a portion of Arabia. In all, they may comprise an area of about 437,000 sq. m., with a pop., probably, of about 10,000,000.

Physical Geography. — Brugulère includes the mountains of Turkey in Europe in the Alpine system. But, according to other authorities, there are several different mountain systems in Turkey, having little connection with each other; and Book states that most maps of the country err greatly in their representations of the direction, position, and height of the mountain chains. The high table-land anciently called Massia Superior, extending between Sopbia and Pristina, and dividing the basin of the Morava on the N. from those of the Vardar, Struma, &c. on the S., and of the Lower Danube on the E., forms the central nucleus of the Turkish mountains. From this centre branches pass off northward, bounding Servia on the W. and E.; on the E. the Balkhan chain (an. Hæmus) stretches in a nearly straight line from the sources of the Isker to the S. of Sophia, E. to the Black Sea, a distance about 250 m.; dividing Bulgaria from Rounelia, and the waters that flow into the Lower Dawlbe on the N. from these thet. nube on the N. from those that flow into the Maritza on the S. The Despoto-Dagh (anc. Rhodope), and the mountain chains that run through Macedonia, branch off mountain chains that run through Macedonia, branch off from the central nucleus on the S.; while on the W. it gives off various chains that unite with the true Alpine chains, which ramify through Croatia, Bosnia, Herzego-vina, Moutenegro, and Albania. Nearly in a direct line S. from Pristina runs a chain which divides Albania from Macedonia, and thence extending into Thessaly and Greece under the name of Pindus, separates the waters flowing into the Ægean from those flowing into the

Advistic and Ionian Seas. The interposition of those mountain chains frequently renders the communication between continuous provinces rare and difficult. But with the exception of a few heights, as Mount Scardus, nearly 10,000 ft. in elevation, and Scomius and Pindus, near Mezzovo (about 9,000 ft.), the Turkish mountains seldom reach an altitude of 8,000 ft. Mount Dinars, whence the Dinark Alps derive their name, is only 7,458 ft. in height; the Albanian mountains are generally under 7,700 ft.; Mount Athos is 6,778 ft., and Mount Monikon (an. Cercina), the loftiest of the Balkhan chain, 6,393 ft. in height. (Bruguière, Orographie de l'Europe.) memory (an. cerema), the lottlest of the Balkhan chain, 6,335 ft. in height. (Bragusier, Orographie de l'Europe.)
The Balkhan has recently acquired a greater degree of interest than most of the other chains, from its being supposed to form an analybut insurmountable barrier to an inposed to form an all but insurmountable barrier to an invading army. This, however, does not appear to be really the case. The W. portion of the Balkhau is seldom more than 4,000 ft., and its more easterly portion, near the Black Sea, not more than from 1,800 to 2,000 ft. in height, while it is traversed by half a dozen different passes, none of which is fortified. Hardly one of those appears, in fact, to present any very formidable obstacle to an invaling army; and Major Keppel expresses his surprise that the Russians did not cross the Balkhan long before their last truntlem into Turkey. Kennel Josephel. surprise that the Russians did not cross the Bakhan long before their last irruption into Turkey. (Keppel, Journey across the Bakkan, ii. 11.) We may further mention that there are more lines of communication for carriages across the Bakkan, between Thrace and Bulgaria, than between any of the other Turkish provs. Indeed, there is only one road between Macedonia and Bosnia, and one between Macedonia and Servia; the last, though the only route by which the produce of Macedonia is conveyed to the N., being merely a mule track. There are three passes between Macedonia and Albania, but only one between Albania and Thessaly.

European Turkey has numerous narrow valleys, and some very extensive piains. By far the largest of the latter

some very extensive plains. By far the largest of the latter is that of Wallachia, Moldavia, and Bulgaria, traversed in is that of Wallachia, Moldavia, and Bulgaria, traversed in its centre by the Lower Danube, and ranking at least as the third, if not the second, of the great plains of Europe. A considerable portion of Thrace, and some parts of Macedonia, are level, and Thessaly principally consists of a very fertile basin. Almost every part of the country is well watered; and, besides the Danube and Save (which last constitutes a great part of its N. boundary), Turkey has several rivers of very considerable size. Among those on the N. side of the great central plateau and its ramifa. has several rivers of very considerable size. Among those on the N. side of the great central plateau and its ramifications, affluents of the Save and Danube, are the Unna, Verbas, Bosna, Drin, Morava, Thnok, Schyl, Iaker, Aluta, Jalomnitza, Sereth, Pruth, &c. Among the rivers to the S. of the central plateau, the following may be specified, viz. the Maritza (an. Hebrus) has its sources in the N.W. angle of Roumelia, in the Balkhan and Despoto-Dagh mountains, and flows generally E. or S. E. to the centre of Thrace. Near Adrianople, where it receives the Tondja (the Tonzus of Ptolemy), and thence S. or S.W. to the Ægean, which it enters close to the Gulph of Rnos. after a course of about 240 m. Its greatest width Enos, after a course of about 240 m. Its greatest width is about 3 furlongs. Adrianople, Philippolis, Demotica, Ipsala (an. Cypsela), &c., are on its banks, which, in many parts, are covered with forests of oak and elm. The Maritsa is navigable from the time of the autumnal rains till May, as far as Adrianople, for boats of 200 tons; but during the summer months sea craft ascend only as high as Demotica. (Keppel, 1. 253.) The Kara-su (Nestwe), Struma (Strymon), and Vardar (Arius), which traverse Macedonia in a S.E. direction, are all of contraverse maccoonia in a S.E. direction, are an of con-siderable size, but generally shallow and unfit for navi-gation. The Selembria (Pencus) rises near Mezzovo, and drains the basin of Thessaly, falling into the Gulph of Salonica at the mouth of the famous defile and vale of of Salonica at the mouth of the famous defile and vale of Tempe. The principal rivers flowing into the Adriatic are the Narenta, in Herzegovina, and the Drin and Vojutza (Aoss), in Albania.

European Turkey has no lakes of any very great extent. The principal are those of Ochrida (Pales Lyck-

mitts), about 20 m. in length by 8 m. in breadth, Scutari (Palus Labeatis) and Yanina, in Albania: there are numerous small lakes in Macedonia and Thessaly.

merous small lakes in Macedonia and Theasaly.

The physical geography of Asiatic Turkey requires but a brief notice, having been already treated of in the arts.

NATOLIA, KURDISTAN, SYRIA, &c. in this work.

Minor consists chiefly of an extensive table-land, traversed by many parallel mountain ranges from W. to E., extending into Armenia and Kurdistan. This table-land appears generally to increase in height as we proceed eastward; Mount Ida, overlooking the Plain of Troy, being only about 5,000 ft., while Mount Blautum, the culminating point of N. Kurdistan, is 12,000 ft. above the sea. From this lofty plateau several mountain the culminating point of N. Kurdistan, is 12,000 R. above the sea. From this lofty plateau several mountain ranges are given off to the S., inclosing the busins of the Euphrates, Tigris, Jordan, Orontes, &c., which, with the Halys (see Narolla, ande, p. 378.), Sangarius, Araxes, &c., are the principal rivers in this part of the empire. The largest lake is that of Van (which see); next to which are the Dead Sea and Lake of Tiberias, in Palestine: many small lakes exist in Natolia. The N.

part of Asiatic Turkey is mountainous, the surface de-clining towards the S., where it spreads out into exten-sive plains (an. Chaldan, Mesopotamia, E. Syria, &c.) of much natural fertility, but at present for the most part desert and uninhabited.

The coret of Turkey both in Kuppen and Asia are to

much natural fertility, but at present for the most part desert and uninhabited.

The coasts of Turkey, both in Europe and Asia, are in general bold and rocky. In many parts they present a long and tolerably uniform line, with few gulphs or harbours of any magnitude. This is particularly the case with the coasts of the Black Sea, Syria, and a part of Albania. But the shores of the Ægean and the adjacent seas are deeply indented with numerous bays and inlets, and present many good harbours, as those of Smyrna, Salonica, Constantinople, &c. Varna is the ouly good Turkish port on the Black Sea.

Durazzo (the an. Dyracchison), on the Albanian shora, might easily be rendered an admirable port (see Urgukari's Turkey, &c. p. 199.); but at present there is not a single safe or convenient harbour along the whole W. coast of European Turkey.

The Geology of the two great portions of the Ottoman empire presents considerable differences. The great mountain chains of Europe consist of granite, gneiss, trachyte, syenite, serpentine, talc, mica, and city-slate, and many other primary and transition rocks, inclosed between beds of sandstone or limestone; the latter being the most prevalent formation in the alpine ranges of the W. provs. and in Thrace. This latter prov., with Bulgaria, &c., consists, in great part, of shelly limestone; mary clay, and other tertiary formations. Iron and other metallic ores are found in great abundance; but volcanic formations appear to be scarcer in Europe than in Asia. In Asia Minor, according to Mr. Brant, "the whole range of mountains, from sea to sea, is limestone; Volcanic rocks are frequently found, and granite, rises whole range of mountains, from sea to sea, is limestone. Volcanic rocks are frequently found, and granite rises up occasionally. The mountains abound in veins of copper and lead, the last being rich in silver. Mineral springs frequently occur; most of them hot." (Geog. Journal, vi. 188.)

springs frequently occur; most of them hot." (Geog. Journal, vi. 188.)

As the country rises towards the E., granite and the other primary rocks become more prevalent. The lower basins of the Euphrates, the Danube, and other large rivers, are mostly alluvial.

Climate, and Natural Products.— In a region extending through nearly 20 degs. of lat. and more than 30 degs. of long., having every variety of elevation, exposure, soil, and subsoil, there must necessarily be the greatest variation of climate. The climate of European Turkey is much colder than that of the parts of italy and Spain under the same initiatives, and is so very changeable that is much colder than that of the parts of Italy and Spain under the same latitudes, and is so very changeable that at Constantinople Fahrenheit's thermometer is said sometimes to fall 31° within an hour. In the Danubian provinces anow lies several feet deep, on the higher mountains, for six months together; the thermometer frequently stands between 10° and zero, and in Moldavia it has been known to descend to 18° below zero. On the other hand, the summer heats are oppressive, and even in the N. the grape ripens by the end of July. The temperature and salubrity of Asiatic Turkey is almost equally variable with that of European Turkey. In the highlands of Armenia, even the plains are covered with snow as late as May; and the fine season, properly so called, does not comprise more than four months of the year, during which period both sowing and reaping are completed.

Asia Minor has but two seasons, the transition between them being scarcely perceptible. In winter, while the uplands are covered with anow, the lowland plains and valleys are visited by perpetual rains and N. winds. During summer there is scarcely any rain, but the soll is fertilised by heavy night-dews. Caramania winds. During summer there is scarcely any rain, but the soil is fertilised by heavy night-dews. Caramana suffers from very arid winds; and in the delta of the Euphrates and Tigris the barometer often rises to 40°. The climate of Syria, Mesopotamia, &c., has been already noticed in the arts. Syria, Baodad, and Bus-

The best indication of the relative temperature of different parts of Turkey is afforded by their vegetable products. In Croatia, Bosnia, and the adjoining provinces, the mountains are covered with forests of oak and elm; S. of the Balkhan the country is covered with forests of the sycamore, carob, and plane trees; gardens of roses, jasmine, and illac; vineyards and orchards of nearly all kinds of fruit-trees; but is destitute of the olive, which, except in some particularly favourable situations, does not thrive N. of lat. 40°. The flora of Albania is similar to that of the opposite coast of Italy; and in Thessaly, the garden of European Turkey, old, wine, cotton, tobacco, figs, citrons, pomegranates, oranges, lemons, &c., grow to perfection. The same fruits, and other products, flourish in the more sheltered parts of Asia Minor, even on the shores of the Euxine: where, however, owing to the severity of the N. winds, among other causes, the forests seldom extend up the mountains above 5,600 ft. In Armenia and Koordistan, the olive and orange ripen only in the warmer valleys, and we find ou the high grounds much of the vegetation that The best indication of the relative temperature of dif-

prevails in the mountainous provs. on the Danube and Save. S. of Taurus we enter an entirely new region, where the date paim, oriental plane, Babylonian willow, banana, pistachlo, sugar-cane, and indigo, betoken a close approach to the vegetation of tropical climates. (Geog. Journ. I. 506-508. &c.)

Joseph x. 506-508-8c.)

The forests of European Turkey are infested by bears, wolves, Jackais, &c.; to which, in parts of Asia, may be added, it is said, the lion and tiger. The gazelle, and deer of various kinds, hares, and other kinds of game, are very abundant. The great bare-necked vulture inhabits the ranges of Taurus, and the ostrich wanders over the sandy deserts of the South. The camel, a native of this region, is the chief beast of burden throughout the greater part of Asiatic Turkey. The other domestic animals will be mentioned hereafter.

Posmidation — We have already stands that the

Population. — We have already stated that the pop., as well as the area of the Turkish empire, is very imperfectly known. Hence there is the greatest discrepancy in the estimates which have been formed of its amount, which vary from 6 or 7 to 21 or 22 millions for Turkey in Europe, and in about the same ratio for the Asiatic provinces. Latterly, however, the Turkish government has directed some portion of its attention to statistical inquiries, and the pop., though the accounts of it be still very vague, is better known now than formerly. In as far as respects Turkey in Europe, the estimates on which most reliance may be placed are those of Mr. Urquhart (Tur-key and its Resources, p. 272.), and of M. Boué (Turquie d'Europe, ii. 32.). We subjoin these

	Pop., ac- cording to Mr. Ur- quhart.		Pop., according to M. Boné.
Wallachians and Moidavians	700,000 1,180,000	Wallachia, 1839 - Moldavia, 1838 - Serviana - Musulmen in Servia - Bosniaca -	2,402,027 1,419,105 886,000 10,400 700,000
Albanians (Skiper- tar race and lan- guage, two thirds Mohammedans) - Trites of Slavonic	1,600,000	Herzegovinians - Croats Montenegrins - Bulgarians Albanians	300,000 200,000 100,000 4,500,000 1,600,000
race and language, Bosniacs, Tule- mans, Pemac, one third Moham- medans; the rest (Servians, Bulgar- ians) Christians of the Greek and (Myrditus, Crost-	6,000,000	Greeks Zinzares (Wal-) lachians of Pin- dus) Turks Armenians Jews Gypsies Franks, &c.	900,000 700,000 100,000 250,000 150,000 60,000
ians) of the Latin church	600,000 200,000 250,000 100,000 50,000	Total Or at most -	14,577,532 15,570,000
Total	14,180,000		

The Turks or Osmanlis, who have, for about four centuries, been the dominant race, were originally of Scythian or Tartar extraction. We have already noticed their general characteristics as they are found in Asia at the present day (i. 185.). But it is of importance to observe that even there the Turkish blood has been largely intermixed with the Mongolian and the Persian; and in Europe the higher class of Turks have generally furnished their karems with the finest women of Circassia and Georgia; while the inferior Turks have allied themselves with Servians, Albanians, Bulgarians, Greeks, In consequence the original and distinguishing features of the race are now, in Europe at least, very much obliterated; and the Turkish, from being one of the ugliest of Asiatic nations. is become, speaking generally, one of the hand-somest; though, from the peculiar mode in which the race is maintained, there is necessarily the greatest variety in their stature and appearance

Turkish ladies have, in general, very white delicate complexions, a consequence of their se-

dentary mode of life, and of their habit of veiling themselves when they take the air. Their mode of life, and their great addiction to the bath, render them rather disposed to embonpoint; but it is absurd to allege that this constitutes the ne plus ultra of a Mussulman's idea of beauty. such been the case, the Circassians and Georgians would not have constituted the pride of the harem. (Boué, i. 58.)

The national character and dispositions of the Turks have changed as well as their physical constitution, but in a far less degree. They are now, as of old, at once excessively proud and excessively sensual. Their pride is a consequence of their ignorance, and of the recollection of their former victories and conquests; and their sensuality is a consequence of the peculiar nature of the Mohammedan paradise, and of their wish to realise in this world some portion of that felicity which is to be the portion of all true believers in the next. Other nations have affected to believe in the doctrine of predestination, but in this respect the Turks alone have given a practical effect to their speculative tenets; and their stationary state and con-tempt for the inventions and discoveries of other nations may be, in no small degree, ascribed to their conviction of their inutility; from their belief that every thing that occurs is determined by an overruling Providence, against whose de-clsions it would be alike vain and impious to contend. Speaking generally, the Turk is true to his word; he is not prone to anger, nor liable to sudden gusts of passion; but when provoked, his fury has no limits; and he becomes brutal and ferocious in the extreme, involving the innocent and the guilty in one common ruin. His religion interdicts the use of wine; and though not always respected, this precept has, on the

whole, a great and salutary influence.

Though capable, on emergencies, of great and vigorous exertion, laziness and apathy are distinguishing characteristics of the Turks. There is nothing in which they take so much delight as in reclining in the shade from sunrise to sun-set, apparently in a state of total indifference, occasionally sipping coffee, and inhaling the fumes of tobacco. Whatever may be their object, they saunter through the streets with the same measured and monotonous step. They converse little, and the presumption is that their mind is as indolent as their body.

Perhaps no nation ever possessed so little lent for governing others as the Turks. They talent for governing others as the Turks. They have never struck their roots, or acquired any solid footing, in the countries they have con-quered. They are encamped in and occupy them; but they hold them by no tie other than the sword. They have never coalesced or associated with the original inhabs.; they look upon themselves as the nation, and the rest of the people, or those at least who have not em-braced Mohammedanism, as an inferior and degraded race, which it is, if not a duty, at all events but a venial offence, to insult and trample upon. In this respect they differ widely from the Tartars who overrun China, and, indeed, from every other people; and to this more than any thing else their weakness, and the wretched state of the countries subject to their dominion. is to he ascribed.

We have elsewhere noticed, under the names of the countries which they principally inhabit, the more important features in the constitution and character of the other great races inhabiting the Turkish empire; and to these we beg to refer the reader. (See Arabia, Armenia, Bulgaria, Greece, Servia, Stria, Waltachia, &c.)

Property. — There is, in many respects, a considerable similarity between the mode in which property has been distributed in Turkey, and that in which it was distributed in Europe during the middle ages. In both cases the object in view in this distribution was the establishment and support of smillities, who should be bound. cases the object in view in this distribution was the esta-hishment and support of a militia, who should be bound to repair, at their own expense, to the standard of the sovervign, and to follow him in his campaigns. Le gou-sernment militaire est devenu la constitution fonda-mentale de tous les était Musulmans. Chaque individus s'y reconnoit soldat: toujours il est prêt à prendre des armes et à marcher sous l'étendard du prophète. On doit enfin considerer la nation (Turque) comme un grand corns d'armée dont le souserain est le s'artefaissine. doit enfin considérer la nation (Turque) comme un grand corps d'armée dont le souverain est le généralisaime. (D'Oksson, iv. 202.) Hence when the Turkish soverigns made any new conquest, they were in the habit of dividing a portion of the territory into estates called, from their greater or lesser size, xaimets and timariots, which they assigned to the more deserving or most favoured of their followers. The latter, however, did not succeed to the hereditary or absolute property of these estates. On the contrary, they only held them during life or good behaviour; and whenever any vacancy occurred, whether by death or forfeiture, the sultan made a new appointment to the vacant fief; and it is affirmed a new appointment to the vacant fief; and it is affirmed that instances have been known of the same lordship a new appointment to the vacant fief; and it is affirmed that instances have been known of the same lordship having been held by eight different masters in the course of a single campaign! It is further to be observed, that the rights of the peasantry (rayahs or cultivators) on these estates were carefully preserved; and, in point of fact, the new frudal logd, or lord of the manor (spahs), was merely entitled to demand from them, in full of rent, a tithe of the produce of their laud and of the increase of their stock; and in consideration of this, he was not only bound to perform millitary service to the sultan, but also to protect the cultivators on his estate. Turkish institutions were in their vigour, and the exactions of the pachas and feudal lords were restrained by the vigilance of the sultan, this state of things contrasted most favourably with the rapline and anarchy that then prevailed in the greater part of Europe. 'I have seen,' says a contemporary writer, 'multitudes of Hungarian rustics set fire to their cottages, and fly with their wives and children, their cattle and instruments of labour, to the Turkish territories, where they knew that, beside the payment of the tentha, they would be subject to no imposts or vexations.'" (Leunclavius in Turc. Imp. State.). Statu.)

According to the imperial survey ordered by Solyman the Magnificent, the number of xaimets, or estates, esti-mated at 500 acres of land, and upwards, amounted mated at 500 acres of land, and upwards, amounted to 3,192, and the number of timars, or estates valued at from 300 to 500 acres of land, amounted to 50,160; the whole (urnishing a revenue of nearly 4,000,000 ris-dolla, appropriated to the maintenance of an army of about 150,000 men. (Present State of Texky, 1, 290, 291.) Oil-vier states that in his time it was computed that there were in the European part of the empire 914 zaims, and 8,356 timars; the number in Asia being nearly the same, and the whole furnishing a militia of above 60,000 men.

and the whole lumining a militia of above 60,000 men. In 1818, it would appear that there were still 914 azims in Europe, and in Asia 1,479; the annual revenue from these amounting to from 25,000 to 100,000 aspers each, which, at 100 aspers to a Turkish plastre, would give a yearly income of about 504, on an average from each; but more recently the numbers of both have been still farther reduced.

Latterly, too, or since the disorganisation of the empire, all sorts of abuses have crept into the management of the estates held by the spahls, or feudal lords. These have been oppressed by the pachas; and they, in their turn, oppress the cultivators, increasing their demand for corvees or other services, and claiming and exacting, though illegally, a much greater portion of the produce than the tenth, to which they are legally entitled. And yet, despite their pillage of the cultivators, many spahls have, like the semindars in Hindostan, been forced to abandon their estates; and indeed, in many districts, especially in Asia Miner, owing parity to the illegal exactions of the lords, but still more to the arbitrary exactions of the pachas, the cultivators have wholly deserted the lands. The truth is, that, in most parts of Turkey, power makes law; there is no real security, the rights of the people being trampled on at the pleasure of those in authority. Latterly, too, or since the disorganisation of the emauthority.

But it would be the greatest imaginable error to suppose that all, or that even the greater portion of the lands conquered by the Turks, were distributed in the way preconquered by the ruras, were described in a visually stated. The revenues of extensive tracts were appropriated to mosques, the great officers of state, the mother and mistresses of the sultan, the children of the imperial family, and the sultan himself: and after these deductions, the residue, which atili amounted to a very large proportion of the whole, was left, burdened

with a tithe or land-tax of one tanth part of the produca, to the ancient proprietors. These, if Mohammedans, heaf the privilege of going to war; others, whether Turks or Christians, that is, indels, who, from choice or civil dis-ability, devoted themselves to the arts of peace, and en-joyed their estates under the protection of the law, com-muted their military service by the payment of a tribute

Joyed their estates under the protection of the law, commuted their military service by the payment of a tribute instead.

It is commonly said that Turkey is a country in which there is no security for property; and if by this be meant that it is exposed to illegal exactions of all kinds, partly by the foundal lords, and partly and principally by the pachas and their subordinate authorities, nothing can be more correct. But it is not true, speaking generally, to allege that in Turkey private property is not recognised by law, or that it may be select at the pleasure of the sultan. This is the case, no doubt, with the property of persons in the public service, whose lives and fortunes must answer for their real or imputed miscoaduct. But all other sorts of property are respected in Turkey; and even a pacha, or other public functionary, who has acquired property by the most objectionable means, may, if he please, easily place it beyond the grasp of the grand seignlor. To accomplish this, he has merely to settle it on his family and direct heirs, leaving the reversionary interest in it to some mosque, which, on receiving a nominal quit-rent, takes charge of the property, which cannol longer be either forfeited or affected by the crimes or misconduct of the original founder of the family or his heirs. Property so left is denominated sacosf. But this device, though quite effectual for the object in view, necessarily tends, in the end, to accumulate much too great a quantity of property in the hands of the church; so that in obvisting one abuse it occasions another.

If the Hatti-Scherifs, or imperial decrees, issued within the last three or four years, were really carried into effect, at least for many years to come.

Agriculture.— In Turkey the cultivators do not live dispersed over the country in hamlets, or in angle farm. houses, but are congregated in villages, which, owing to the depopulation of mesh other. These villages present a very striking picture of primeral manners, each ismily providing itself with mos

prosperous. This, however, is the exception, oppression and a want of security being the usual consequences of Turkish ascendency.

Turkey is not dependent upon any foreign country for the subsistence of its inhabs.; it yields, on the contrary, corn and other produce, sufficient not only for the home demand but also for exportation. Ten times the produce might, however, be raised in these fine countries were a better policy adopted, and the inhabs. protected against vexatious exactions. The native rayabs or peasants, by whom cultivation is carried on, have generally little or no capital; and as the tax on the crop has generally to be paid before the produce is gathered, they are in most cases obliged to borrow the money for this purpose at a ruinous rate of interest. Agriculture is accordingly in a very backward state throughout most parts of ingly in a very backward state throughout most parts of the empire. In Thrace, Boué says, the rotation of crops is tolerably well understood; but elsewhere in European is tolerably went must store, and the mountainous parts, parti-cularly in Servia and Albania, an immense waste of timber occurs, from the forests being burnt that the ground may be fertilised by their sahes. The ploughs (except perhaps in Wallachia and a few other prova-are of the most wretched description, being seldom shod with iron, and fit only to scratch the surface of the earth: a bunch of thorns performs the functions of a harrow; and the other farming implements, if so we may call them, are in general equally bad. Thrashing is harrow; and the other farming implements, if so we may call them, are in general equally bad. Thrashing is performed, as in most eastern countries, by treading out the grain with cattle; the straw being subsequently chopped by dragging over it a sort of heavy cylinder stuck with sharp films. But the fertility of certain portions of the empire, as Thessaly, the valley of the Maritza, &c., is so great, that, despite the low state of husbandry, the average produce of corn is said to amount to from 15 to 30 times the seed.

On the whole, the cultivation of the soil appears to be better understood in Bulgaria than anywhere else. (Bow, La Turq. & Europe, iii. 2.) Some notices of the agriculture of this and the other European provs. will be found under their separate heads in this Dict.

Naise is the principal species of grain cultivated in Eu-

ropean Turkey, in the mountain-valleys as well as the plains, except in Boania, &c., where the climate is too cold. Wheat, rye, barlêy, oats, and buckwheat are also pretty generally cultivated; and milled is grown in the more sheltered places. Rice is grown only along the banks of the Maritza and other marshy tracts in the 8 provs. The quantity of this grain produced in European Turkey being insufficient for the consumption, a portion of the required supply is imported from Egypt and Asia Minor. Great quantities of haricots, beans, cabbages, onlons, meions, cucumbers, tomatas, capsicume, &c., are raised as articles of food; but the potato is eaten only in Bosnia, Croatia, Herzegovina, Montenegro, and a few places in Servia and Albania: lentils, turnips, artichokes, asparagus, best-root, and many other vegetables common amongst us, are almost unknown in Turkey. Though not usually drunk by the Mussulmans (except those of Lower Albania), wine is grown in most provs. of Turkey in Europe, but Wallachia and Moldavia (which see), Bulgaria and Servia, are the principal wine countries.

Turkish wines are mostly red; white wine is produced only in Wallachia, W. Bulgaria, and at Semendria, and a few other places. The best wines are very high coloured and somewhat similar to those of Cahors, and of Radicopani in the Papal States. These are grown chiefly in Macedonia, in the basins of Seutari and Priseron in Albania. Mostar in Herzegovina, on the hills along the Servian Morava in Thrace, and in the vicinities of Lowischa in Belgaria, and Meteora in Thesasy. Certain growths in the S. W. of Macedonia, deserve particular mention. The inhabs. of those places possess, in fact, a valuable source of wealth, for there is no doubt that several of their wines might be advantageously exported. (Boust, il. 251.) The want of proper cellars for storing the wines, and their rude preparation, detract greatly from their excellence. In Thesasy and Albania they are commonly spoiled, at least in the estimation of most foreigners, by the additi

family. The cotton sold, after the lord of the soil had taken his rent, was about sufficient to pay the tax of 10 per cent. on the whole produce to the pacha. I was not informed how much land he had in cultivation; there is no measure of land; it is estimated by the quantity of seed used in sowing, or the number of oxen necessary to plough it. They do not manure much, but allow the land to lie fallow every alternate year. Such is the general system of agriculture throughout Armenia." (Grog. Journa, vi. 207—208.) The vine, and mulberry tobacco, cotton, and oil, share the chief attention of the agriculturist in Asjatic Turkey. after the production of the coxton, and on, snare the chief attention of the agri-culturists in Asiatic Turkey, after the production of the grains, &c., necessary for food. The culture of silk is extensively carried on in several districts, but especially round Brusa in Asia Minor, where the multerry-tree is kept cut short, and receives a good deal of careful at-

In consequence, however, of the oppressions practised on the cultivators, vast tracts of land in Asia Minor are wholly deserted, or occupied only by the scanty popula-tion of a few wandering tribes. No where, indeed, is

the 1st. The destructive influence of Turkish misgovernment as a paparent as in the present state of this celebrated country, favoured alike by situation and climate, and which, in antiquity, was the seat of many noble cities, and powerful and refined nations. Industry and civilization have all but disappeared. "No care whatever," says lift. Kinneir, "is taken to improve the land; nor can this be a matter of surprise, when we reflect that the farmer is liable to be turned out at a moment's warning, and is caretain of heine taxed pro fundered in exact profarmer is liable to be turned out at a moment's warning, and is certain of being taxed or plundered in exact proportion to the yearly produce of his farm. It is not, indeed, uncommon, abould there be a prospect of a plentiful harvest, for the crops upon the ground to be selzed by the pacha at a low valuation, and then put up to the highest bidder. This system, so destructive of industry, may be traced to the ill-judged but favourite policy of the Porte in continually changing the governors of their provinces, lest by being settled for a considerable period in their governments, they should shake off their allegiance, as many have already done. The pacha, therefore, who, during the short time be remains in favour, has not only to feed the avarice of the imperial ministers, but also to accumulate an independency for himself before his retirement from office, is heedless of the laterests of the farmer, or of those who are to sucthe interests of the farmer, or of those who are to suc-ced him, and only anxious to collect wealth. We consequently observe that those provinces where the consequently observe that those provinces where the chiefs maintain their independence, are invariably the richest, best peopled, and in every respect the most flourishing; since they find it their interest to encourage the cultivators of the land, who are continually deserting those parts of the country immediately governed by the suitant's officers, to place themselves under their protection. The prosperity of the provinces of Asia Minor is in this manner always fluctuating, according to the actions and dispositions of their respective rulers. Sometimes they are well peopled and cultivated (I speak comparatively), and at others waste and forrasken; whole villages enigrate from one district to another without much trouble or expense, since their houses are simple and of easy construction, and their articles of furniture to trifling as to be transported with facility on the backs of the cattle, which supply them with milk during the journey, and every where find abundance of pasture. The Greeks, called *Croomi* by their Turkish lords, constitute a considerable portion of the peasantry in this part of the empire, and are not, in my opinion, the fallen and dastardly race usually represented. The political or religious institutions of a state affect, where other processing these greaters are these substants are considerable protion of the peasantry in the political or religious institutions of a state affect, where more considerable throughout those greaters these greaters are the substants are considerable through the proposed where more considerable throughout these greaters are such these greaters are considerable to the proposed where more considerable through the proposed with these greaters are considerable to the proposed where more considerable through the proposed with these greaters are considerable to the proposed with these greaters are considerable. political or religious institutions of a state affect, with-out doubt, the character of a people, and this is no where more conspicuous than throughout those quarters of the globe where the olighting doctrines of Mahomet have been diffused. The unjust and cruel persecutions carried on by the Turks have damped the fiery spirit of the Greeks, and rendered distrust and deception abso-lutely necessary to the safety of their persons and pro-perty; whereas, under a more enlightened and less de-tpotic government, the national character of that neemle spotic government, the national character of that people would probably rise to the standard of the inhabitants in most of the civilised countries of Europe. To me in most or the civilised countries of Europe. To me they have always appeared as dispirited and broken-hearted; but at the same time ready to rise, if supported, and crush their vindictive rulers to the earth. (Asia Minor, &c., p. 51.) There are in Turkey great numbers of sheep and goats, the flesh of which constitutes the principal animal food of the inhabitants; but there are proportionally fewer

of the inhabitants; but there are proportionally fewer cattle than in other countries of Europe, beef being seldom, and veal never eaten, by the Turks. The sheep are nearly all of a small, thick-bodied breed, with a seldom, and veal never eaces, by an an are nearly all of a small, thick-bodied breed, with a white fleece; merino, large-tailed, or other improved breeds, are met with only in Servia, into which they were introduced by Prince Milosch, or in Bosnia. In Wallachia the sheep have tall spiral horms, and their wool is a principal source of wealth. The pastures there are fine and extensive, and large flocks are brought thither from Transylvania, to be depastured during winter. At the same season the sheep from the table-land of Cappadocia, &c., are driven into the plains of N. Syria; and many of the migratory Koord and Turkman tribes of Asia seek the pasture lands about Angora, the traders of which town supply their various wants, receiving in return the wool, skins, and other produce of their flocks, in which articles Angora bas a Angora, the traders of which town supply their various wants, receiving in return the wool, akins, and other produce of their flocks, in which articles Angora has a very considerable trade. (Geog. Journ., vi. 213.) The tattle along the banks of the Save and Danube appear to be a degenerate Hungarian breed. Those of the more S. provs. are different, being of medium size, and short-horned. Oxen are every where employed in field labour. Buffaloes are common, particularly in Bulgaria and Thrace. In Bosnia and other W. provs. some tolerably good cheeses, similar to Gruyère, are made; but the cheese of most parts of Turkey is in general too majpld to suit our taste. In making cheese, the milk of ewes and goats is partially employed, but in general only in the absence of that of the cow and buffalo. Turks abhor the hog so much, that they do not generally permit its

^{*} En Servie, my Boné, la dévastation de ces belles forits de chête de hêtre se continue activement. But we incline to think that if alement at present is incorrect, government of late years havi oblibited the catting of timber. (See Sanya, and) p. 672.)

sale in the towns, where they form the chief proportion of the pop.; and Boué says, "that the carcasses of hogs are only suffered to be brought to Constantinople at certain periods of the year, under an especial firman." (i. 503.) Nevertheless, they are reared in vast numbers in Servia, Bosnia, and other N. and W. provs., and, in fact, constitute the chief resource of the Servians. The Turks are good horsemen, and take pride in their horses. Little of that care is, however, bestowed on them that is common in W. Europe. They are fed only twice a-day, sometimes they are not put into stables, and are not groomed and trimmed as in Europe. The horse of European Turkey is generally of middle size, or rather below it, with a short neck, strong limbs, and a bay, chesting, reddish brown, or white, seldom a grey colour. They are usually fed on barley; oats being used for horses only in the N.W. provs. The horses of Asiatic Turkey seem to be chiefly of Arabian descent. "The Montefik are an excellent race of horses, bred by a great tribe of that name on the banks of the Euphrates. In Armenia and Koordistan a prodigious number of fine animals might be procured at a cheep rate for the cavalry: the horses of Bagdad are large, and many of them show a great deal of blood; but those bred in the desert bordering on Damascus, are upon the whole the finest. I have heard of a poor Arab at Antoch in Syria, refusing \$5,000 piastres for a mare of that bred. The only blood-horse I ever met with in Asia Minor was bred mear Coocat in the plains of Cappadocia, and may be descended from that which was so much admired by the Romann: "Kismeri's Asia Misor, &c., Disc.). The ass is much used in Roumella, S. Albania, &c. Mules are scarce in those provs, but very numerous in Montenegro, and other mountainous parts of Turkey.

There are mines of copper, agentiferous lead, iron, &c. in various parts of both European and Asiatic Turkey; and it is generally believed that several of the mountain chains, which bound or intersect the Turkish provs., con

entirely composed of small-grained vitreous or transparent felisper, decomposing and passing into a variety of porcelain earth. Great quantities of pipe-bowls are manufactured from this material, and sent to Constantinople for export into Germany, &c. (Geog. Journ., X. 490, 491; Clarke's Tran. &c.)

The manufactures of Turkey are more numerous, and display greater excellence, than might have been expected in a country so backward in the arts: indeed, her success in manufacturing industry is, upon the whole, greater than that of several countries ranking higher in civilisation. Thornton, who though somewhat partial to the Turks, is, on the whole, an excellent authority, says, "I know not whether Europe can equal, but certainly it cannot surpass, the Turks in several of their manufactures. The satins and slik stuffs, the velvets of Brusa and Aleppo, the serges and camlets of Angora, I know not whether Europe can equal, out certainly it cannot surpass, the Turks in several of their manufactures. The satins and slik stuffs, the velvets of Brusa and Aleppo, the serges and camlets of Angora, the crapes and gauzes of Salonica, the printed muslins of Constantinople, the carpets of Smyrna, and the slik, linen, and costambol, establish a favourable, but not an unfair, criterion of their general skill and industry. The workmen of Constantinople, in the opinion of Spon, excelled those of France in many of the inferior trades. They still practise all that they found practised; but, from an indolence with respect to innovation, they have not introduced or encouraged several useful or elegant arts of later invention. They call in no foreign assistance to work their mines: from their own quarries their own labour extracts the marble, and more ordinary stone which is employed in their public buildings. They marine architecture is by no means contemptible, and heir barges and smaller boats are of the most graceful construction. Their foundery of brass cannon has been much admired, and their barges and smaller boats are of the most graceful construction. Their foundery of brass cannon has been much admired, and their barges and smaller boats are of the most graceful construction.

particularly their sword blades (though the sword bia particularly their sword biases (though the sword biases) of Damascus are not so famous as formerly) are held in great estimation even by foreigners." (Pres. State of Twrkey, i. 67, 68.) Their manufactures of Morocco and other leather, and of gold and silver lace, &c. deserve also to be mentioned with praise.

But if the Turks be more successful in the practice of some of the useful arts than is commonly supposed, they have made no progress in the fine arts, and are necessa-rily ignorant of the higher sciences. "Their buildings rily ignorant of the higher sciences. "Their buildings are rude incoherent copies, possessing neither the aimplicity nor unity of original invention. Heavy in their proportions, they are imposing only from their built; the parts do not harmonise, nor are they subservient to one leading principle; the details are bad both in taste and execution; the decorations have no use, no meaning, no connection with the general design; there is nothing which indicates the conceptions of genius. The energies of the latter are chilled and repressed by the monotony of Turkish habits and the austerity of their customs. Their cities are not adorned with public mosuments of the latter are chilled and repressed by the monotony of Turkish habits and the austerity of their customs. Their cities are not adorned with public monuments whose object is to enliven or to embellish. The circus, the forum, the theatre, the pyramid, the obelisk, their prejudices. The ceremonies of religion are their only public pleasures. Their temples, their baths, their fountains, and sepulchral monuments, are the only structures on which they bestow any ornament. Taste is rarely exerted in other edifices of public utility. **Alexas and bearstiss*, bridges and aqueducts. Sculpture in wood or in stucco, and the engraving of inscriptions on monuments or seals, are performed with neatness and admirable precision; and the critings and wainscoting of rooms, and the carved ornaments in the interior of Turkish houses, show dexterity and even taste. But their paintings, limited to landscape or architecture, have little merit either in design or execution; proportion is ill observed, and the rules of perspective are unknown. They reckon time byslumar revolutions, so that in the space of 33 years the Turkish months pass through every eason. Their knowledge of geography does not extend beyond the frontiers of their empire. Their surgery is rude, from want of science, of skill, and of instruments."

(Lión. 69—77.)

beyond the frontiers of their empire. Their surgery is rude, from want of science, of skill, and of instruments."

(Ibid., 69—77.)

The domestic manufacture of cotton stuffs in Turkey is pretty general; and Cannabich estimated the consumption of raw cotton in the Turkish empire at 20,000 bales a year, 10,000 of which are consumed in the fabrics of Thessaly alone (Handb. der Geog.), the best Turkish yarn being made in this prov. Urquhart says, that in the 3. provs. the poorest family requires 20 okes of uncleaned cotton, and 10 of wool, for its yearly consumption; and the manufacture of these materials occupies a large share of the peasant's in-door labour. Handkerchiefs, shirting, long-cloths, napkins, coarse cotton stuffs, and clothing in general, are the goods principally produced by their looms; and, according to Urquhart, 24,000,000 lbs. of cotton manufactures, worth 5,000,000. are made annually in European Turkey and Greece. (p. 150.) Very little dependence can, however, be placed on these statements; and there can be no doubt that the native manufacturers, who produce goods not for domestic consumption but for sale, have been involved in the greatest distress in consequence of the importation of English and other foreign goods. The manufacture of cotton yarn has been especially interfered with, and English cotton twist is now generally used for warp in such Turkish looms as are still at work, and is an article of increasing consumption.

with, and English cotton twist is now generally used for warp in such Turkish looms as are still at work, and is an article of increasing consumption.

The commerce of Turkey owes most part of its activity to the immunities and protection enjoyed by those engaged in it; which are not extended to individuals occupied in other avocations. The cultivator of the soll is ever a helpless prey to injustice and oppression, and the manufacturer has to bear his full share of the common insecurity; he is fixed to the spot, and cannot escape the grasp of the local governor. The raw material monopolized by a bey or ogon may be forced upon him at more than its fair value, and perhaps its quality may be inferior; fines may be imposed on him; he may be taken for forced labour, or troops may bequartered on his workshop. (Urgashert, 139.) It was not till 1837 that a firman was issued by the sultan allowing the free exportation of wheat to foreign countries. The Turkish gov. had previously been accustomed to prevent the exportation of grain from say part of the empire till Constantinople had been first abuachtly supplied. In this view, the principal corn-growing prova were obliged to furnish to the officers of the sult on quantity of wheat equal to about a 12th part of the produce of their harvests. This contribution was called thirs. The intiragi, or collectors, on receiving the corn from the proprietor, paid him 20 paras for every kilo (about 60 bs.). The total quantity of corn thus purchased for the supply of the capital amounted to about 1,000,000 kilos a year: this was sent by sea to Constantinople, and lodged in public granaries on the

N. side of the harbour. As this stock was considered a resource against times of scarcity, it was not distributed till it began to be damaged, unless when it could be sold with considerable benefit. This frequently happened; for individuals were not suffered to lay up their corn in magazines to re-sell in a similar manner; and Olivier actionsted the wearir modules of this monogony at 10,000. assignation to resent in a similar manner; and Univer-estimated the yearly produce of this monopoly at 10,000 purses, or 5,000,000 plastres. After the treaty which opened the Black Sea to the commerce of foreign na-tions, vessels with cargoes from the Russian ports were tions, vessels with cargoes from the Russian ports were allowed the free passage of the Bosphorus and Hel-lespont; "a privilege," says Thornton, "so important, that I have known ships, which had surreptitiously loaded wheat, the produce of the Turkish provs., sail to the Russian port of Odessa, and subject themselves to the Russian port of Odessa, and subject themselves to the delays and expenses of performing quarantine, paying the harbour fees and custom-bouse duties, for no other purpose than to obtain a certificate of their carge being the produce of Russia, and thereby reacuing it from the vexations and extortions of the officers of the Turkish smir." (1956.) Other articles of provision, such as sheep, oxen, butter, cheese, wax, tallow, ac, used to be bought up in the same manner by the officers of government at their own price; but probably this system has now been in great part abollshed; and except in the article of provisions, no restriction on commerce ever existed in Turkey. All foreign articles may be imported into the Turkish ports, without let or hindrance of any kind, on payment of an import duty of 3 per cent. ad valorers; and all articles of foreign and domestic growth or manufacture may be freely conveyed all over the empire. Her commercial system is, in fact, by far the beat feature in the policy of Turkey.

the empire. Her commercial system is, in fact, by far the best feature in the policy of Turkey.

The internal traffic of Turkey is greatly impeded by the badness or rather total deficiency of roads. Burgess says the suitan has not an inch of road in his dominions, which would not, in any civilized country, be indicted as a nuisance. (Greece and the Levant, p. 143.) Accordingly, in many prova., particularly in Asia Minor and Armenia, the communication between different places is quite cut off in winter, unless they can correspond by sea. Wheel-carriages are of course disused; and the caravans of merchants, from Hungary to the Persian Gulph, consist of horses and camels, by which almost all merchandise is conveyed. In European Turkey, after the capital, Adof horses and camels, by which almost all merchandise is conveyed. In European Turkey, after the capital, Adianopie and Saloulca are the chief centres of trade, and the first being the great dipôt for all the goods coming by land to Constantinopie from England, France, and Austria, supplies all the fairs throughout Roumelis and Bulgaria. (Keppet Jossray across the Balkon, p. 365.) Next to Smyrna, Aleppo is the chief seat of commerce in Asia. Caravans bring thither pearis, shawis, Indian and Chinese goods, from Bussorah and Bagdad; camels from Arabia; cotton stuffs and thread, Moroeco leather, goat's hair and galls from the pachalics of Mosul, Dlarbetin, Orfa, Aintab, &c.; furs, goat's hair, wax, gum ammoniac, &c., from Van, Erzeroum, and Kars; silk, Mocha coffee, soap, scented woods, ambergris, drugs, and pearls, from Syria and Arabia; rice, coffee, and Egyptian produce, from Latakia; silk manufactures from Brusa and Damascus; European cotton and woollen stuffs, printed duce, from Latakia; silk manufactures from Bruss and Damascus; European cotton and woalen stuffs, printed muslins, hardware, watches, wrought amber, and fur, from Smyrna and Constantinople. The principal articles of export are, sheep's wool, goat's hair, cattle, horse, hogs (from Servia, &c.), hides, hare skins, wheat, raw cotton and silk, tobacco, raisins, £gs, almonds, mastic and other gums, gall-nuts, valiones, leeches, honey, wax, saffron, madder, anise and linseed, turpentine, safflower, meerschaum pipes, whetstones, carpets, silk and cotton fabrics, leather, copper and metallic wares, orpiment, &c., with Arabian, Persian, Indian, and Chinese goods. The principal imports are linen, woollen, cotton, and silk goods, colonial products and dye stuffs, hardware and earthenware, paper, furs, &c. The British trade in Manchester, Glasgow, Birmingsham, and Sheffield manufactures, and other British produce, has, however, been steadily increasing during the last 10 years. Subjoined is an

Account showing the Quantities of the Principal Articles imported into the United Kingdom from Turkey , in 1838, 1839, and 1840. [See top of next column.]

The wealthier class of Turks are generally too apathe-I ne weathier class of Turks are generally too apathetic and indolent for commercial pursuits, which they leave to the Greeks, Armenians, Arnaouts, and Jews.

"The extreme simplicity of commerce, from the absence of all legislation on the subject, is visible in the establishment of a merchant: no books, save one of common entry, are kept; no credits are given; no blist discounted; no bonds, nor even receipts: the transactions are all for

Articl	es.			1839.	1839.	1840.
Corn (wheat)		14	qrs.	5,150	43,740	4,502
Figs			cwt.	12,346	14,825	17,863
Madder root			new .	29,059	47,587	66,529
Oii (alive) -			gulla.	26,753	40,303	24,936
Opium			Ibs.	80,554	177,651	50,746
Raisins .		-	cwt.	28,942	22,050	54,333
Saltpetre -			-		7,968	6,554
Fian and limeed			bush.	92,297	48,970	16,408
Silk (raw, &c.)			Ibs.	478,755	751,905	725,189
Skins (lamb)	-		No.	243,565	129,766	163,354
Vallonea -	-		cwt.	106,756	127,008	143,095
Wool (cotton)	4		Ibs.	660,555	102,433	463,978
— (sheep's)	-	-	-	762,018	1,183,532	655,964

ready money; no fictitious capital is created; no risk or loss from bankruptcy to incur. A merchant, whose capi-tal may exceed 20,0004, will, very possibly, be without a clerk; and a small box, which he places on his carpet,

clerk; and a small box, which he places on his carpet, and leans his elbow upon, encloses, at once, his bank and counting bouse." (Urqukert, 186.)

Accounts are kept in plastres of 40 paras of 3 appers each; or in purses of 500 plastres. But the rate of exchange is very variable, on account of the continual deterioration of the coln. In 810, the pound sterling was worth only 12 plastres; but in 1839, it was equivalent to 104, and in 1842 is worth nearly 1201. The most common measures and weights are the oke = about 28 lbs., and the quintal of 44 okes. The arschime = 2 ft. Engl. Distance is commonly measured by the hour = about 3 m.

Distance is commonly measured by the hour shout 3 m. Government, 4c.—Châteaubriand said of the Turklish government that it was an absolute despotism, tempered by regicide! In truth and reality, however, the government of Turkey is a species of theocracy. The grand seignior is supposed to be the lieutenant and vice-gerent of the prophet, and consequently, also, in some degree, of the Deity himself. But though, at first sight, this may appear to confer all but unlimited powers on the sowereign; and though, in some respects, it certainly gives very great latitude to his actions, it at the same time subjects him to various restraints and limitations, which he dares not contemn or break through. His authority, in fact, is principally bottomed on the Koran; and were he to abandon its doctrines, and to act in the teeth of its precepts, or those deduced from it by eminent commentators, and sanctioned by custom, the foundations of his authority would be hoosened, he would cease to be the lawful sovereign, and would be regarded as a usurper whom it is meritorious to dethrone. Hence, though absolute in some respects, the power of the grand seignior is, in others, in the last degree limited. He may put those engaged in his service to death at pleasure, but were he to interfere in any way with property left in trust to a mosque, or to outrage the law by drinking wine in public, he would run a great risk of exciting discontent, and if he persisted in such conduct, of being dethroned.

"The Turks," says an accurate observer, "learn very

tent, and if he persisted in such conduct, of being de-throned.

"The Turks," says an accurate observer, "learn very early that, if the prince be of right divine, he founds it on the Koran; that he is constituted such by the sacred code of laws, which, as a true believer, he has studied, and knew, before his accession to the throne, it would ever be his duty to observe; and that, consequently, he is as much bound and tied by all those laws as they themselves are.

ever be nis duty to observe; and that, consequenty, ner is as much bound and tied by all those laws as they themselves are.

"This is so explicitly and fully laid down in the Koran, that Mohammed thought it necessary to throw in rules of exception expressly for himself.

"Henca, when the people are notoriously aggrieved; their property or that of the church repeatedly volated; when the prince will riot in blond, or carry on an unsuccessful war; they appeal to law, pronounce him an infide, a tyrant, unjust, incapable to govern; and, in consequence, depose, imprison, and destroy him." (Porter's Observations on the Turks, i 109., 12mo ed.) And every one who has any knowledge, how slender soever, of Turkish history, is aware that this principle has not been inoperative; and that the Turks have, over and over again, exercised the right of resistance to what this dependence of the suitan on the Koran, though it limits, in some degree, his power to tyrannise over his subjects, opposes, at the same time, the most formidable obstacles to his attempts to introduce any organic changes, how expedient or necessary soever. The rights and social condition of the people, living in the Turkish empire, who have not embraced the rigion of the conquerors, is supposed to be determined by the Koran. And hence the difficulty—without, as it, were, overturning the very foundations on which the monarchy rests—of effecting any material changes in the situation of the dependent population. The Turks cannot, unless they abandon their own religion, amalgamate with them, or raise them to the same level as themselves; so that the nation must always consist of two distinct parts—

In the official accounts, the commerce of Turkey is not distin-ished from that of Greece N. of the Isthmus; but the latter is ite inconsiderable.

the Turkish, or ruling portion; and the rayahs, or subjugated infidels, who exist upon sufferance, and who can
never arrive at any situation of power or emolument.
The character of the Mohammedan religion is, in truth,
an all but insuperable obstacle to any thing like real
reform. Though less intolerant than many others, it
inculcates on the mind of its votaries the most exalted
ideas of their own importance, and the most profound
contempt for all sorts of unbelievers. There may, no
doubt, be an imitation of European tactics, and an attempt to introduce something like the practices and institutions that prevail in European states; but it is
impossible, so long as the religion of the prophet maintains its ascendancy, that they can have any considerable
influence. Submission to their power has saved the unbelieving population of the country from death; but indicence. Submission of the country from death; but nothing short of their embracing the religion of the conquerors can effectually protect them from insult and contempt, and consequently, also, from extortion and

tyranny.

The grand seignior is assisted in the government of the empire by a cabinet-council or diean, consisting of the principal ministers of the empire, and of the multi or head of the law. Until very recently the sultans were in the habit of delegating the greater portion of their authothe nant of delegating the greater portion of their activity to the grand visiter (visiter azem), who bocame, as it were, regent of the empire, being at the head of the civil government, and generalissimo of the military and naval forces. But of late years the powers of this high functionary have been very much curtailed. Indeed, the place was wholly abolished by the late, though it has been forces. But of late years are powers of the grant forces. But of late years are powers of the place was wholly abolished by the late, though it has been revived by the present, emperor. The functions of the other ministers correspond with those of minister for foreign affairs (rize (fired), o for the interior, commerce, and finance (tefterder), and of a commander in chief (seraskier), a grand admiral, &c. The court of Consantinople is generally known in other European countries by the title of the Sublime Porte, a designation derived from the Bab Hesmayon, or principal outer gate of the seraglio, whence the hatti scheriffs, or imperial edicts, are usually issued.

The skrik-ul-islam (muftl), or head of the clergy and chief interpreter of the Koran and the canonical laws, is a very important functionary. He nominates to all the principal offices in church and law; and takes precedence of every other subject in the empire, even of the grand vizier. On most great occasions the sultan applies to the shelk-ul-islam for a fetura, or legal opinion, to ascertain whether his intended course of action be in accordance with the Koran. But this is not indispensable, and has very rarely been refused. Latterly, too, the opinions of the mufti have become of less importance.

The mufti is always chosen from the stema, a body comordains the clergy with the interpreters and ad-

opinions of the muitt have become or iess importance.

The mufit is always chosen from the utema, a body comprising the clergy with the interpreters and administrators of the law. But, though they all study together, the lawyers and judges are quite distinct from the clergy; it being left to every young man brought up in one of the colleges of the order to determine for himin one of the conleges of the order to electrimise in single, when he has attained a proper age and acquired a sufficient stock of learning, whether he will become a priest, or a doctor of law, or a judge: but it is to the latter, or the lawyers, that the title of ulema is more peculiarly appropriated.

Throughout Turkey, the ministers of religion are all

latter, or the lawyers, that the title of ulema is more peculiarly appropriated.

Throughout Turkey, the ministers of religion are all subordinate to the civil authorities, who exercise over them the powers of diocesans. Magistrates may supersede and remove clergymen who misconduct themselves, or who are unequal to the proper discharge of the duties of their office. The magistrates themselves may also whenever they judge proper, perform all the saccrdotal functions; and it is in virtue of this prerogative, joined to the influence which they derive from their judicial power and their riches, that they have so marked a pre-eminence, and so preponderant an authority, over the ministers of public worship. (Thornton, I. 196.)

The members of the ulema constitute a sort of aristocracy. They pay no taxes or public imposts, and, by a peculiar privilege, their property is hereditary in their families, and is not liable to arbitrary confiscations. Their persons are sacred; their blood may on no account be shed; nor can they be legally punished in any way but by imprisonment and exile. It is to be observed, however, that the power and dignity of the ulemas are not hereditary in individuals, but in the order. Formerly they held their offices for life; but about the end of the 17th century they were made removable at pleasure, like all other public functionaries. They now are appointed of the grand seignior, and of their remonstrating with him on the impropriety or illegality of his bodding any office, or exercising any public employment. There have been instances of muftis decilining to obey the commands of the grand seignior, and of their remonstrating with him on the impropriety or illegality of his conduct; though, as the sultan makes the mufti, and can depose and exile him at pleasure, such conduct must necessarily be very rare, except when some formidable conspiracy is on foce, and at pleasure, such conduct must necessarily be very rare, except when some formidable conspiracy is on foot, and when the powers of the sultan are consequently circum-

KEY.

scrited. In the reign of Mustapha, the people put to death
the multi for having, as they alleged, misled the sustam.
Cantemir says, that Murad IV. commanded a musti to be
pounded in a marble mortar, saying, that heads, whose
dignity exempts them from the sword, ought to be struck
with the pestle i but the fact is doubtful. (Thorwases,
i.130.) Speaking generally, the influence of the musti
and ulema is uniformly opposed to all measures of reforms;
at least, to such as night be supposed to militate in any
way against the peculiar doctrines and regulations enforced by the Koran.

Besides the ulema, there is a privileged order, limited
to the descendants of Mohanmed by his daughter Fatima. These are called cosses, or ameers, have synd
prefixed to their names, and are authorised to wear green
surbans. Inamuch, however, as they are very sumerous, convex, like brahmins in India, are found in even
the most abject ranks of life.

The government of the provinces is extremely rude,

rous, comes, like brahmins is india, are found in even the most abject ranks of life.

The government of the provinces is extremely rude, and is practically, indeed, little else than a tissue of abuses. Buropean Turkey was formerly divided into the two great governments, or cleaket, of Roumelia and Bosnia; the former of which was subdivided into 16 examilacks, or great governments, or pachaliks, and the latter into 7, besides some inferior governments. The power of the pachas within their respective districts is, in many respects, unlimited. They have under them susustains, or sub-pachas, to whom they delegate a carportion of their authority, and who watch over a certain extent of territory. Every pacha, or governor, is supposed to represent the sovereign within the limits of his own jurisdiction, is invested with his authority, and exercise his prerogatives in all their plenitudes. Nominally, however, contentious jurisdiction, or the determining differences between subjects, is left to the cadi, or judge, in conformity with the principles of mussulman government and the practice of the sultan.

Formerly the pachaliks (or rather bept-viried/siz, for

summa government and the practice of the summar.

Formerly the pachaliks (or rather beylerbeyleks, for such was the name given to the larger governments) were much more extensive than at present; and it not

such was the name given to the larger governments) were much more extensive than at present; and it not unfrequently happened that a pacha, at the head of a large government, having succeeded in getting his creatures made pachas of the surrounding governments, acquired such a degree of power as to be able to cast off his allegiance, and defy the sultan. Latterly, however, it has been the policy of the government to diminish the sanjlacks, and so to lessen the danger of insurrection on the part of the pachas. The latter are appointed only for a single year; and the limits of the different pachaliks are being constantly changed. (Bossf. iii. 181, &c.) All mussulmen, how humble soever their origin, are eligible to, and may fill, the highest offices in the state. In Turkey, birth confers no privilege, all true believers being equal in the eye of the law. But this sound principle is rendered of little or no value, or rather positively injurious, by every thing being made to depend on the pleasure of the sultan. With the exception, indeed, of the law and the church, no previous study or preparation, nothing, in short, but the favour of the prince, which is most frequently obtained by the most unworthy law acts, is required to elevate individuals from the very lawest to the very highest stations! And hence it is, that house individuals a committee found in Turkey and est to the very highest stations! And hence it is, that though individuals be sometimes found in Turkey admirably adapted for the situations they fill, these are very rare exceptions, incapacity and unitness for their duties being the distinguishing characteristics of Turkish Constitution.

Till this vicious system be wholly abandoned, and individuals be appointed to important situations from other motives than the mere caprice of the sultan, it is negative to the suppose there can be any substantial improvement. In this respect, however, little or no progress has hitherto been made. When Marshal Marmont visited Constantinople, towards the close of the late sultan's reign, who had been called, and not without reason, the Turkish reformer, a black ennuch was a general of cavalry, had been bred a shoemaker, and practised at a more recent period as a waterman in the harbour! And a short while subsequent to this the same Achmet Pacha, was made capitas packa, or high admiral of the Best, was made capitas packa, or high admiral of the Best, of the duties of which station, it is hardly necessary to add, he knew no more than he did of the Principia of Newton. This, we apprehend, may be taken as a pretty fair specimen of Turkish reform. Marshal Marmont, who is a most intelligent and unexceptionable judge, asys, that aujoura'hai, comme autrejois, le faseur et le caprice du maître sont les seuls tirres poer occuper les cupicals du maître sont les seuls tirres poer occuper les cupicals du maître sont les seuls tirres poer occuper les cupicals du maître sont les seuls tirres poer occuper les cupicals du maître sont les seuls tirres poer occuper les cupicals du maître sont les seuls tirres poer occuper les cupicals du maître sont les seuls tirres poer occuper les cupicals du maître sont les seuls tirres poer occuper les cupicals du maître sont les seuls tirres poer occuper les cupicals du maître sont les seuls tirres poer occuper les cupicals du maître sont les seuls tirres poer occuper les cupicals du maître sont les seuls tirres poer occuper les cupicals du maître sont les seuls tirres poer occuper les cupicals du maître sont les seuls tirres poer occuper les cupicals du maître du maître sont les seuls tirres poer occuper les cupicals du maître du maître sont les seuls tirres poer occuper les cupicals du maît nctionaries.
Till this vicious system be wholly abandoned, and in

From that moment all feeling of security, and tacity admits the right of the sultan to deprive him at pleasure of this office, his property, and his life. "All the officers of government over," to use the words of Mr. Thornton, "their appointment to the sole favour of the sultan, without respect to birth, talent, services, or experience. They are deposed and punished without the liberty of complaint or remonstrance; and at their death the sultan inherits their property." (1. 162.)

Formerly the government of pachalits and other important situations, if not bestowed by the sultan on some of his favourites, were regularly sold to the highest bidders, the leases being renewed annually, provided the pacha or other functionary remitted to Constantinople a sufficient deuceur, or, if not, he was superseded by some less parsimonious competitor. And, when in office, the only criterion of an approved administrator was the magnitude of his douceurs, and the amount of tribute he remitted to the public treasury, no inquiry being ever made into the means by which this revenue was raised...—Geocompus esodo row was the brief quiry being ever made into the means by which this revenue was raised.—Quocusque modo rew was the brief and comprehensive maxim by which their conduct was regulated. "To rob those below him that he may bribe those above him, is the constant aim and sole object of each petty tyrant, through all the gradations of this baleful despotism." (Modern Traw., Tarky, p. 94.) The legitimate revenues of the pachas arise from the rents or produce of lands assigned for their maintenance, and from certain fixed imposts on the cities, towns, and villages of their pachallik. These, however, are in most instances the smallest portion of the revenue of the pachas. The far greater portion consists of illegal demands of all kinds, which the people have no means of resisting. M. Beaujour states that, during the time he resided in Salonica, the pacha enjoyed a revenue of about mands of all kinds, which the people have no means of resisting. M. Beaujour states that, during the time he resided in Salonica, the pacha enjoyed a revenue of about 140,000 plastres, derived from the rent of land, casualties, and other legitimate sources; and that, in addition to this, he made about 100,000 plastres more by avanias, or extortional. And yet this pacha was regarded as a man of singular justice and humanity! (Tableas du Comserve de la Grèce, i. 47.) Judge, them, what must be the state of a province geveraed by a covetous and rapselous pacha, which is the general character of these functionaries.

aries.

The flagrant abuses consequent on such a system have brought the Turkish empire to its present state of weakness and degradation; and the necessity of making some very decided changes in the administration has been long obvious. In consequence, a hatti scheriff, or imperial decree, was issued 3d Nov. 1830 (see post), which, if it could be bona fide carried into effect, would go far to suppress most part of the existing abuses, and to introduce security and good order. But, unfortunately, the age of miracles is past, and nothing short of a miracle would suffice for the regeneration of the Turkish empire. Some of the grosser abuses may be suppressed: age of miracies is pass, and norming surver or miracies would suffice for the regeneration of the Turkish empire. Some of the grosser abuses may be suppressed; but, speaking generally, they are too deeply seated, too much interwoven with the religion of the country and the constitution of society, to allow any one to suppose that they can be extirpated otherwise than by the agency of some tremeadous revolution, that should overthrow every thing that new exists. There is neither public virtue nor knowledge in Turkey sufficient to accomplish any cossiderable reforms. Corruption and wenality are every where the order of the day; and is well acquainted with the people and their institutions, affirms that new, as heretofore, the important places of packas and cadis are sold to the highest bidder, seek, pour ainsi dire, des exchères as plus affrant (iii. 224.) And he farther affirms, that the most triding as well as the most important affairs are all settled by the intervention of dosceurs! A sovereign, with the absolute power, asgacity. portant amairs are all settled by the intervention of cos-curs! A sovereign, with the absolute power, asgacity, and sternness of purpose of Peter the Great, might, per-haps, effect a substantial reform of the Turkish govern-ment; but to suppose that such a sovereign should be bred in the slothful luxury of the seraglio, is a contra-diction and an alumidity.

ment; but to suppose that such a sovereign should be bred in the slothful luxury of the seragilo, is a contradiction and an absurdity.

In addition to the various sources of weakness and decay originating in vicious institutions and a bad system of government, may be added the imperfect subjugation of the countries comprised within the limits of the empire. The inhabs. of several districts, both of European and of Aslatic Turkey, enjoy, some almost a total and others a sort of semi-independence; forming so many asylums to which discontented and rebellious subjects from the adjoining provs. may retreat and form new schemes, and holding out the seductive and dangerous example of successful resistance. Exclusive of Servia, which is now only nominally under the Porte, there are numerous districts in Albania and Thessaly that are all but independent. Of these, the most important is the country called Myrdita, or the mountainous country occupied by the Myrdites on both sides the Drin. They can bring 10,000 men into the field, pay no taxes, and do not even allow a single Turk to remain within their boundaries! In many parts of Epirus there

R.E.Y. are similar independent communities. The extensive district of Montenegro, under the government of a bishop, is also substantially independent; as are several districts in other parts of the country. In Asiatic Turkey the Druses, Maronites, &c., in Syris, have succeeded in maintaining their independence; and many of the Turkman and other tribes found in Asia Minor are only nominally dependent on the Porte. (Boss., iii. 192—309., &c.) With such elements of disorder scattered over the whole &ce of the country, the only wonder is that anarchy and insubordination are not more widely diffused than we find them to be. diffused than we find them to be.

tered over the whole face of the country, the only wonder is that anarchy and insubordination are not more widely diffused than we find them to be.

Mr. Urquhart devotes a large portion (caps. ii. Hi. and iv.) of his work on Turkey to a description of its municipal establishments, of which he greatly overrates the importance. No doubt, however, they are the best part of the Turkish institutions. They form, as it were, so many little republics. Their authorities or eiders, which are freely chosen by the inhabs., assess and collect the poll, house, and land taxes; manage the municipal funds, arbitrate in petty matters. &c. These communities are modelled upon a plan similar in almost all respects to the village system of Hindostan.

Justice: — The Ottoman empire is governed by a code of laws called multica, founded on the precepts of the Koran, the oral laws of Mohammed, his traditions, usages, and opinions, together with the sentences and decisions of the early caliphs, and the doctors of the first ages of Islamism. This code comprises a collection of laws relating to religious, dvil, criminal, political, and military affairs; all equally respected as being theoratical, canonical, and immutable, though obligatory in different degrees, according to the authority which accompanies each precept. In some instances it imposes a duty of eternal obligation, as being a transcript of the Divine will revealed to the prophet: in others it invites to an imitation of the prophet in his life and conduct. And though to slight the example be blamable, it does not entail upon the delinquent the imputation or penalty of guilt; while the decisions of doctors on questions that have arisen since the death of the prophet are of still inferior authority. When a matter occurs that has not been foreseen or provided for by the early promulgators of the law, the Sultan prosounces a decision; and his authority is absolute in all matters that do not interfere with the doctrines or practical duties of religion. The code multications from huma remaining in force only during the pleasure of the Sultan or his successors. (Thornton, I. 107. &c.) The adet or provincial customs are also allowed considerable influence.

provincial customs are also allowed considerable influence. In all the districts and towns of the empire, justice is administered by judges (cadis), who are of five different ranks, according to the importance of the place in which they are established, each cad being assisted by a deputy, or math. Nothing can be more simple and expeditious than the forms of proceeding in Turkish courts. Each party represents his case, unassisted by counsellors, advocates, or pleaders of any kind, and supports his statement by the production of evidence. The deposition of two competent witnesses is admitted as complete legal proof, in all cases whatever.

The promptitude of Turkish justice has been often praised: but though dilatoriness be, in this respect, highly blamable, we apprehend that it is a far less evil than the other extreme. In Turkey no ordinary legal authority can detain an untried man in prison more than 3 days; and in criminal cases the execution of sentences

than the other extreme. In Turkey no ordinary legal authority can detain an untried man in prison more than 3 days; and in criminal cases the execution of sentences follows close upon the decision of the judge: but neither of these regulations appears to be advantageous; for, is the one case, sufficient time is not allowed to prepare either a defence or an accusation; and in the other, the immediate execution of the sentence prevents the power of appeal to a superior tribunal, and consequently takes away the only means of getting an unjust decision reversed, and, what is of more consequence, an unjust or ignorant judge exposed and degraded. In the greater number of civil cases appeals may be made from the nast to the cadi; from the latter to the cadi-aster, or judge of the prov., and hence to the sultan. The latter, however, is rarely practised; and is effected only by presenting a petition for redress to his highness on his way to the mosque. Bastinado, fine, imprisoament, the galleys, and capital punishment, by hanging, drowning, beheading, or strangling, are the principal means of disposing of criminals. Death is sometimes awarded for what we should consider comparatively venial crimes, as, for instance, unfair dealing on the part of tradesmen; though a butcher or baker convicted of short weight is more frequently nailed by the ear to the door of his shop.

Speaking generally, the administration of justice is in the most disgraceful state in Turkey. According to law, all the judgments of the pachas and of their deputies

should be submitted to the cadi, and can only be legally carried into effect when approved by the latter. But, in practice, this salutary regulation is generally disregarded, and in most cases the sentences of the pachs are executed whether they be approved by the cadi or not. (Bosé, iii. 851.) But the grand vice of Turkish justice consists in the venality of the judges and the toleration of perjury. "The monarch's despotism is not the greatest evil in Turkey: his subjects would, perhaps, bear that without much murmuring or great distress. The radical destruction of all security lies in the influitious administration of their laws, which are an impending sword in the hand of corruption, ever ready to cut off their lives and properties." (Porter, ii. 1.) Mr. Thornton seems to think that Turks have rarely to complain of injustice, and that, speaking ruption, ever ready to cut of their lives and properties."

(Porter, ii. 1.) Mr. Thornton seems to think that Turks have rarely to complain of injustice, and that, speaking generally, the decisions of the judges, in cases where both parties are Mussulmen, are fair and impartial. We are assured, however, by those well acquainted with the fact, that this statement must be received with great modification, and that a rich or powerful Turk has, in most instances, little or no difficulty in obtaining a decision in his favour, however unjust his cause; and that as respects of the second office of the judge. It is a principle of Turkish law that written testimony is of no avail when opposed to living witnesses; and hence every precaution should be taken to render the latter trustworthy. But, instead of this, the most detestable perjurers enjoy an all but total impunity, and carry on a lucrative as well as an infamous profession. False swearing is punished by leading the culprit through the streets seated on an ass, with his face turned to the animal's tail; and even this punishment, trifling as it is when imposed on such wretches, is rarely enforced. Magistrates are compelled to decide according to the evidence of notorious perjurers, unless they detect their falsehood at the moment. The subjects of foreign powers residing in Turkey are allowed, in virtue of treaties to that effect, to support their claims by written evidence. (Thorsetos, I. 196, &c.)

M. Boue, whose remarks on the administration of justice are as superficial as can well be imagined, is good

M. Boue, whose remarks on the administration of jus-M. Boue, whose remarks on the administration of justice are as superficial as can well be imagined, is good enough to inform his readers that si on ne powsait pas citer de faux itenoins, des témoins subornés à priz d'argent, et même des juges qui se laissent gagner, la justice Turque mériterait tout aussi bien ce nom que la nêtre! (ill. 35%). True, and on the same principle we might say that if A. were not a thief, he would be as honest

as B.

There is a considerable discrepancy in the accounts of
the state of the police in Turkey, though most recent
travellers say that it is extremely defective. No doubt,
however, considering the abuses inherent in every department of the administration, it is superior to what
might have been expected. This is mainly ascribable to
the regulation which makes every district of the country
responsible for all the murders, robberles, and other
crimes of violence committed within its bounds; and
which consequently makes their represents the havinger. which consequently makes their repression the business

which consequently makes their repression the business of all the more respectable inhabitants.

Owing to the jealousy of the Turks of the invasion of their privacy, no writ of search can at any time be executed in the interior of the house of a Turk but in the presence of the IMAM; nor in that of a Christian, except accompanied by a priest, nor of a Jew unless a rabbit be present. The rooms occupied by the women, which are never entered, frequently shelter criminals.

Army.— The Turkish land forces may comprise, excitsive of artillery, about 100,000 mfantry, of whom about 70,000 are regulars (sizam), and about 100,003 cavalry, of which by far the largest proportion formerly consisted of irregular troops, partly and principally furnished by the spahls, and other holders of estates, on condition of military service; but of late years the number of this description of troops has been greatly reduced. Previously to 1896, the janisaries formed the nucleus and main strength of the Turkish armies; and, though now destroyed, a short notice of that once famous militia, long the terror and scourge of Christendom, may not be unacthe terror and scourge of Christendom, may not be una

ceptable.

The most probable opinion seems to be that the janisaries were originally established by Amurath I., in 1362, and consisted at first of about 12,000 Christian with them. 1362, and consisted at first of about 12,000 Christian captives, who were renewed by incorporating with them a fifth part of the prisoners of war. "But when the royal fifth of the captives was diminished by conquest, an inhuman tax of the tifth child, or of every fifth year, was rigorously levied on the Christian families. At the age of 12 or 14 years, the most robust youths were torn from their parents; their names were enrolled in a book; and from that moment they were clothed, taught, and maintained for the public service. According to the promise of their appearance, they were selected for the royal schools of Bruss, Pera, and Adrianople, entrusted to the care of the pachas, or dispersed in the houses of the Anatolian peasantry. It was the first care of their masters to instruct them in the Turkish lan-

guage: their bodies were exercised by every labour fist could fortify their strength; they learned to wrestle, it leap, to run, to shoot with the bow, and afterwark with the musket; till they were drafted into the chambers and companies of the ismisaries, and severely trained in the military or monastic discipline of that order. The youths most conspicuous for birth, talents, and bessty, were admitted into the inferior class of the agirmagisms, or the more liberal rank of khogiesse, of whom the former were attached to the pelace, and the latter to the pense of the prince." (Gibbon, chap. 65.)

It is needless to add that the janixaries were taught to believe implicitly in the doctrines of Mohammedanism; and, having no relations or family ties to bind them to society, they regarded themselves not merely as the solders, but as the children, of the sultan. They enjoyed, partly by the voluntary and partly by the forced concessions of their sovereigns, several valuable privileges and immunities. They formed the body guard of the sultan; they were stationed in the capital, and partly of the sultan; they were stationed in the capital, and partly of the sultan; they were stationed in the capital, and portant officers in the public service.

But though formidable at first only to the essemies of the country, they gradually became hardly less formidable to their sovereigns. According as the severe discipline by which the Turkish armies had been originally distinguished was relaxed, and the sceptre fell into the majesty of the throne, and, in 1623, they even preceded to depose Osman II. Hence it had long been a favourite object with the sultans to endeavour to weaken the force and influence of the lantsaries. But their efforts in this view had, until very recently, but little success. Selim III having endeavoured to comweaken the force and influence of the janisaries. But their efforts in this view had, until very recently, but their efforts in this view had, until very recently obstitute success. Selim III. having endeavoured to construct the influence of the janisaries, by creating a regular army (nisum), the former mutinled, and Selim iost his life in the commotions that ensued. But his successor, the late sultan, was more fortunate in his struggle with this unruly soldiery. In 1895 he issued a hatti acherif, directing that the janisaries abould be incorporated with the regular troops. The janisaries refused to obey this order; but the sultan having previously secured the co-operation of the mutit and of their agha, they were completely defeated; and such of them as escaped the conflict in which they were involved, were deprived of their former insignis, and distributed among the new regiments of the line, so that there is now hardly a trace to be found of this once powerful force.

Previously to and since the destruction of the jani-

the new regiments of the line, so that there is now hardly a trace to be found of this once powerful forces. Previously to and since the destruction of the janisaries, it has been a favourite object with the last sad present sultans to organise and discipline their troops after the European fashion. But it does not appear that hitherto their efforts have been attended with much success; and it seems doubtful whether the troops have gained as much by the change in their discipline and tactics, as they have certainly lost in the decline of their enthusiasm and sense of nationality. They are now fully aware that they have become the pupils and copylists of those very infidels they were so long accustomed to hold in contempt; and that circumstance has made them lose that confidence in themselves, for the want of which it is very difficult, if not impossible, to compensate.

The regular troops are raised by a conscription among the Turkish part of the pop. Inasmuch, however, as little or no attention is paid to the number of children in a family, or even to the health, size, or age of the conscripts, the conscription is found to be an intolerable hard-abit and the second the most them. scripts, the conscription is found to be an intolerable hard-ship; and the recruits produced by it are of the most motley kind, youths of 15 and 17 being internsived with men of 40, 50, and 60 years of age 1. The mortality among the conscripts is very heavy. According, however, to the hatti scheriff of 1839 (see post), the delect in the present recruiting system are to be obvisted; and the period of service is to be reduced to four or five years.

The uniform of the regular troops is blue, faird with red. The household troops, or body guard of the sultan, comprises the thite of the army: their pay and appoin-ments are better than those of the other troops. Mar-shal Marmont, whose intelligence and experience exhib-hls opinion on military matters to the exacts weakly. his opinion on military matters to the greatest weight makes the following statements with respect to the state of the Turkish troops:—

"The lot of the Turkish soldiers is a very happy one

"The lot of the Turkish soldiers is a very mapy. They are better fed than any other troops in Europe, having an abundance of provisions of excellent quality, and partaking of meat once, and of soup twice a day. Their magazines are filled with stores, and the regiments have large reserves. The pay of each soldier is 30 plas-

^{*} The number of javisaries who full in this conflict, or ma as it has been called, has been grously exaggreeted. Murshel mont says that not more than 600 lost their lives in Contant in the conflict, and in the punishments by which it was fallow faw were killed in other parts of the empire.

tres per month^e; the whole of which he receives, as there is a prohibition against withholding from him any part of that sum. In short, every thing has been effected that could promote the welfare of the soldier. "If no fault can be found on the score of the materiel,

"If no fault can be found on the score of the materiel, much is to be said against the personner of this force. On the arrival of Achmot Pacha, we repaired to the exercising ground. Four battalions were in line; and, after inspecting them, they manœuvred before me. Nothing could be worse than this exhibition; indeed, these men ought not to be looked upon as troope, but merely as a mass of people, bearing the stamp of misery and humilation; and they are evidently depressed by a knowledge of their own weakness. They all seem to have a willingness about them, but feel abamed of their occupation; and, from the private to the colonel, not an individual amongst them has any conception of his duty. Moreover, the men are diminutive in stature, and wretched in appearance: many of them are too young for service; and we are led to inquire what is become of that noble Turkish people, the lofty, proud, majestic, handsome race of former days; for now we find no trace of them in the existing troops.

handsome race of former days; for now we find no trace of them in the existing troops.

"I have endeavoured to discover why they have not hitherto succeeded better with the new system, and I thus account for the failure. The sultan was desirous of organising troops according to the European mode; and his ambition was to form an army on the instant. He accordingly raised at once a great number of regiments; but the instructors, being generally individuals of an inferior station of life, without capacity or talent, who had been led to Constantinople by the circumstances which attend revolutions, were unfitted to accomplish the object in view.

"The new organisation commenced simultaneously in alt the corps; and the same description of persons were universally employed in endeavouring to carry it into effect. In none of the grades had any man confidence without in historic or in others, and no one therefore emiversally employed in endeavouring to carry it into effect. In none of the grades had any man confidence either in himself or in others; and no one, therefore, had a right to the command, which should always be derived from some superior claim. It is only as a consequence of such a principle that men are erre found disposed to yield obselfence. In the troops of all the other powers of Europe, there are two admitted titles to precedence — birth and merit. The former has its basis on a higher social grade, which, by giving opportunities for better education, leads to the expansion of the mind; the latter, on the experience and information resulting from previous service. In Turkey there are no gradations in the social order, and the son of the water-carrier is on a par with the visier's child, having often the same education. Hence, there is no admitted superiority in those invested with power; and the previous equality indisposes others to obey authority obtained through mere caprice.

"As to the right derived from merit or experience,

As to the right derived from merit or experience,

equality indisposes others to obey authority obtained through mere caprice.

"As to the right derived from merit or experience, there can be none where all are novices.

"Such were the radical defects that prevailed in the formation of the Turkish army. The remedy would be to reduce things to their elements; and to re-commence, by establishing in public opinion a respect for taleut and capacity, in order to obtain that obedience and confidence in superiors, without which an army cannot exist for it is such confidence that produces displine and order, and creates the moral power requisite to give unity, compactness, and energy to the whole.

"If, instead of sitempting to raise an army, as it were, by a mere decree, the sultan had been content with forming a single bettallon, and had obtained the services of 30 or 40 really good officers, and a chief capable of comprehending the importance of his duties, it is probable that, in two years, he would have succeeded in producing a bettalion to serve as a model for the rest; and, this result once obtained, the sultan would have possessed the elements required. At the end of six months, or, at the utmost, of one year, by adding to the numbers of those first enrolled, and dividing the whole into two bettalions, he might have formed a complete regiment; for the men of the first levy would, in the eyes of the recruits, have appeared as old and instructed soldiers. It is obvious that in ten years he would then have obtained an army. Whereas, according to the system followed, such a result is improbable, for an union of men like the present cannot be said to merit this title." (Translation by Smill, p. 61, &c.)

If the opinions of so eminent a judge as Marshal Marmont of the bad quality of the Turkish troops required any confirmation, it would be found in the history of their campaigns with the Egyptians. How superior sover in point of numbers, they never were able to make any head against the latter, till supported by European troops. The irregular troops consist principal

The same corruption that infects the other depart-* Strictly speaking, this is the pay of the guards only; the others receive 15 plastres per month. (Bowl, iii. 530.)

ments of the Ottoman government, extends to that of the army. The pachas, commanders of regiments, and other functionaries, contrive to make large sums by keeping on their books a greater number of troops than they really have, and putting the pay and other emolu-ments drawn on their account into their pockets. At inspections, the place of the deficient troops is supplied by substitutes hired for the occasion, who disperse as soon as the inspecting officers have retired! (Boné, iii.

by substitutes hired for the occasion, who disperse as soon as the inspecting officers have retired! (Rosé, iii. 332.)

The attempt to reform the Turkish army would really, therefore, appear to have been one of the most abortive that has ever been made. The nationality, fanaticism, and confidence of the troops in themselves has been destroyed, and nothing but a miserable imitation of European tactics and discipline substituted in its stead. The ignorance of the officers, and the mischlerous principle, if we may so call it, on which they are selected, were the first evils that should have been corrected; and, till they have been obvitated, no other improvement can be of the smallest consequence. Marshal Marmont speaks very favourably of the school established at Constantinople for the instruction of the guards; but supposing it and other schools to be kept up, a lengthened period must slapse before they can have any material influence. Unless, indeed, the sultan should be able to avail himself, which probably the prejudices of his subjects will not permit. of the services of European officers in the command and organisation of his army, we apprehend that it is not destined speedily to acquire any considerable degree of efficiency or strength.

Nasy.—It is unnecessary to enter into any lengthened details with respect to the Turkish navy. At no time has Turkey been considerable as a naval power; and as the Turks have no taste for the sea, her best sailors have always been Greeks, Christian slaves, or renegades. In 1770 the Turkish fleet was destroyed by the Russians in the harbour of Tcheshmeh; and the defenceless state in which the coasts, and even the capital, were then found to be placed, awakened the attention of government to the subject. Since that period many fine line of battle ships have been built in the Turkish port, principally under the direction of Europeans; but, owing to the unakilfuess of the crews, and the all but total ignorance of the officers, most of whom have not been bred to the sea, and wh it up to Mehemet All! The latter, nuwers, and been obliged to return it. The emancipation of Greece, which formerly furnished the best sailors to the Turkish fleet, has been a serious injury to the latter.

Houses and Mode of Life.—The houses of the

Turks are built in contempt of all architectural rules. They are mostly only of one story, and are very rarely more than two stories in height, constructed of wood and sun-dried bricks, those of the better class being plastered and painted over on the outside. The windows when they open on a street or other exposed situation, are uniformly covered with lattice-work, which prevents the most inquisitive eyes from obtaining even a glimpse of what is going on within. But though mean and shabby on the outside, the houses of the more opulent Turks are often very sumptuously fitted up in the interior. The most convenient and magnificent apartments belong to the Aarem, or to the portion of the house appropriated to the exclusive use of the women; and this very frequently opens on a court having a fountain in the middle, and sometimes on a garden. The houses of the poorer classes are most uncomfortable, their windows being generally without glass, and their rooms without fire places. In winter they are usually heated by means of braziers, or pans of charcoal, which suffocate while they warm.

Lady Mary W. Montague has given a lively and accurate description of the houses of the higher class of Turks. "Every house," says her ladyship, "great and small, is divided into two distinct parts, which only join together by a narrow passage. The first house has a large court before it, and open galleries all round it, which is to me very agreeable. This gallery 312

leads to all the chambers, which are commonly large, and with two rows of windows, the first being of painted glass: they seldom build above two stories, each of which has galleries. stairs are broad, and not often above thirty steps. This is the house belonging to the lord, and the adjoining one is called the harem, that is, the ladies' apartment (for the name of seraglio is peculiar to the grand seignlor); it has also a gal-lery running round it towards the garden, to which all the windows are turned, and the same number of chambers as the other, but more gay and splendid, both in painting and furniture. The second row of windows is very low, with grates like those of convents; the rooms are all spread with Persian carpets, and raised at one end of them (my chambers are raised at both ends) about 2 ft. This is the sofa, which is laid ends) about 2 ft. This is the sofa, which is laid with a richer sort of carpet, and all round it a sort of couch, raised half a foot, covered with rich silk, according to the fancy or magnificence of the owner; mine is of scarlet cloth, with a gold fringe; round about this are placed, standing against the wall, two rows of cushions, the first very large, and the next little ones; and here the Turks display their greatest magni-ficence. They are generally brocade, or em-broidery of gold wire upon white satin; nothing can look more gay and splendid. These seats are also so convenient and easy, that I believe I shall never endure chairs as long as I live. The rooms are low, which I think no fault; and the ceiling is always of wood, generally inlaid or painted with flowers. They open in many places with folding doors, and serve for cabinets, I think, more conveniently than ours. Between the windows are little arches to set pots of per-fume, or baskets of flowers. But what pleases me best is the fashion of having marble fountains in the lower part of the room, which throw up several spouts of water, giving at the same time an agreeable coolness, and a pleasant dashing sound, falling from one basin to another. Some of these are very magnificent. Each house has a bagnio, which consists generally in two or three little rooms, leaded on the top, paved with marble, with basins, cocks of water, and all conveniences for either hot or cold baths.

" You will, perhaps, be surprised at an account so different from what you have been entertained with by the common voyage-writers, who are very fond of speaking of what they don't know. It must be under a very particular character, or on some extraordinary occasion, that a Christian is admitted into the house of a man of quality; and their harems are always forbidden ground. Thus they can only speak of the outside, which makes no great appearance; and the women's apartments are always built backward, removed from sight, and have no other prospect than the gardens, which are enclosed with very high walls. They have none of our parterres in them; but they are planted with high trees, which give an agreeable shade, and, to my fancy, a pleasing view. In the midst of the garden is the chiose, that is, a large room, commonly beautified with a fine fountain in the midst of it. It is raised nine or ten steps, and enclosed with gilded lattices, round which vines, jessamines, and honeysuckles, make a sort of green wall. Large trees are planted round this place, which is the scene of their greatest pleasures, and where the ladies spend most of their hours, employed by their music or embroidery. In the public gardens are public chiosks, where people go that are not so well accommodated at home, and drink their coffee, sherbet, &c.

Owing to the houses being mostly built of wood, fires are very frequent at Constantinople, and have sometimes been so very extensive as to threaten destruction to the entire city. The sultan generally attends in person to superintend the efforts made to suppress the fury of the flames. When rebuilt, little or no alteration is ever made in the form of the streets.

It should, however, be observed, as especially marking the character of the Turkish government, that these fires are not always accidental. Indeed, how singular soever the circumstance may appear, there can be no doubt that fires in Constantinople are made to perform the functions of petitions and public meetings in England! In fact, the city has been set on fire, over and over again, for a number of night together, in order that the grand seignior may be made aware of the deep discontent of his subjects, and of their dissatisfaction with his measures or his favourites, or both. The frequency and continuance of the fires evince their origin; and they have seldom failed to produce a change in the measures of government, and the dismissal or execution of the unpopular favourites!

(Porter, i. 100.; Thornton, i. 187., &c.)
Public baths and khans are varieties of public buildings, that are found in most parts of Tur-key. The use of the warm bath is universal among persons of both sexes, and all classes. Many of the public baths are handsome, and a few are really magnificent structures. They are mostly built of hewn stone, and comprise several apartments. "On entering one of these spacious and lofty hall, lighted from above: round the sides are high and broad benches, on which mattresses and cushions are arranged: here the bather undresses, wraps a napkin about his waist, and puts on a pair of wooden sandals The first before going into the bathing-room. chamber is but moderately warm, and is preparatory to the heat of the inner room, which is vaulted, and receives light from the dome. In the middle of the room is a marble estrade, elevated a few inches: on this the bather stretches himself at full length, and an attendant moulds or kneads the body with his hand for a considerable length of time. After this operation, the bather is conducted into one of the alcoves, or recesses, where there is a basin supplied by pipes with streams of hot and cold water; the body and limbs are thoroughly cleaned by means of friction with a horse-hair bag, and washed and rubbed with a lather of perfumed somp. Here the operation ends: the bather stays a few minutes in the middle chamber, and covers himself with dry cotton napkins: thus prepared, he issues out into the hall, and lies down on his bed for about half an hour." (Thornton, ii. 202.)

The baths for ladies are similar, in most respects, to those for the other sex; but are more handsomely fitted up. I.ady Mary W. Montague visited one of these baths at Adrianople, and has given an interesting account of it, and of the reception she met with from the Turkish ladies.

Khans are a description of public inns, or caravanscras, sometimes built by sultans and munificent individuals, for the public use and accommodation; and sometimes constructed, as in England, on speculation. They are of very various kinds. Exclusive of apartments for the use of travellers, and stables for their horses and camels, the larger khans have rooms in which the goods of merchants may be stored up. These

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are generally quadrangular structures, consisting all males are excluded from them except the masof a series of apartments that open upon a ter- ter of the family. "Les plus proches parens, lels que race, which surrounds an inner court, and having les frères, les oncles, les beaux-pères, n'y sont re-The stables in the back part of the building. merchants store their goods in separate apart-ments, or in the rooms which they occupy; the muleteers, with their horses, encamp in the open air in the court, or retire to the stables; and the gateway, by which alone the court and rooms can be entered, being shut up at night, all are as safe as if they were in a fortress. In many towns these are the only taverns. Each khan has its khanjy (landlord), a kakhia (major-domo), a khanjy (coffee-maker), and an oda-basher (waiter), who attends to the commands of all the inmates. Sometimes the rooms are furnished, and sometimes not; and frequently, especially in Asiatic Turkey, the apartments are lighted by a window, having paper for glass, opening on the terrace, so that they are, for the most part, dark and gloomy. Food is sometimes, but not generally, furnished in these establishments, the usual method being to have it cooked abroad, and sent in. Coffee, however, is generally prepared in the establishment. (Missionary Researches, p. 67.)

Rice is the principal food of the lower orders, but the wealthier classes have a great variety of dishes. The breakfasts of the latter consist of fried eggs, cheese, honey, liban (coagulated milk), &c. The hour of dinner is very early. At entertainments the guests sit cross-legged on sofas or cushions round a low table. In the houses of persons of distinction, handsome ivory spoons (the use of gold or silver for such purpose not being permitted), and small pointed sticks, are laid beside each plate. The dishes The dishes are served singly, and in rapid succession, sometimes to the number of 20 or 30: the guests help themselves, sometimes with their spoons, and sometimes with their fingers. Hashed lamb, poached eggs and lemons, stewed fowls, pigeons, &c.; pillaws, roasted meats, a whole lamb stuffed with rice, almonds, &c., are favourite dishes: they are all highly seasoned with salt and spices, and sometimes with onions and garlic. The dessert consists of sweetmeats, of which the Turks are exceedingly fond; with coffee, sherbet, fresh honey, grapes, figs, &c. During dinner, nothing is drunk but water or lemonade. The supper is very similar to the dinner. (Russell's Aleppo, p. 105, &c.)

The month of Ramadan is observed as a fast; and from dawn till sun-set, during this month, the Turks neither eat nor smoke. But the moment the sun goes down, they eat a hearty meal; and the practice is, for the richer classes to keep the fast, if we may so call it, by sleeping at this season during the day, and sitting up cating and drinking during the greater part of the night! (Russell, p. 108.)

The national dress of the Turks is loose and flowing; that of the women, with the exception of the turban, differing but little from that of The shape and colour of the turban serves to distinguish the different orders of the people, and the functions of public officers. Latterly, however, it has become fashionable to imitate the dress and manners of the other European nations; though the former is inconvenient in consequence of the numerous ablutions, the performance of which is enjoined by the Koran.

Every body knows that when females appear in the streets their faces are carefully veiled. And such is the privacy of the harem or women's apartments, that, unless on very rare occasions,

cus qu'à certaines époques de l'année, c'est-à-dire, dans les deux fêtes de beyram, et à l'occasion des noces, des couches, et de la circoncision des en-fans." (D'Ohsson, Tab. Générale, iv. 318.) Polygamy is authorised by the law of the prophet; but is a privilege not often resorted to. If a man marry a woman of equal rank, the marriage of any other wife is frequently guarded against by the marriage contract. In cases of polygamy, the wives are usually either slaves or women of an inferior rank to the husband.

There is a regular slave-market in Constantinople: but slaves in the East, and especially in Turkey, are far from being in the depressed condition we might suppose. The laws of Turkey protect the slave from ill-usage; and, in this respect, the customs of the country are in complete barmony with the laws. " The most docile slave rejects with indignation any order that is not personally given him by his master; and he feels himself placed immeasurably above the level of a free or hired servant. He is as a child of the house; and it is not unusual to see a Turk entertain so strong a predilection for a slave he has purchased, as to prefer him to his own son. He often overloads him with favours, gives him his confidence, and raises his position; and, when the master is powerful, he opens to his slave the path of honour and of public employment. If we seek for any confirmation of the truth of this assertion, let us look around the sultan, and observe who are the most distinguished men within his empire. Khosrew pacha, the old seraskier, the man who has governed and ruled all things in Constantinople, was a slave from the Caucasus, purchased by a Capudan pacha, whose protection has raised him to the highest offices. Halil-pacha, the son-in-law and most distinguished servant of the sultan, and to whom the brightest prospects are open, was a slave to the seraskier." (Marmont, Smith's trans., p. 25.)

The Turks are excellent horsemen, and throw the djerid or lance with the greatest dexterity and force; but, excepting this exercise and that of wrestling, they indulge in no active exer-tion. "Their delight is to recline on soft verdure under the shade of trees, and to muse without fixing their attention, lulled by the trickling of a fountain or the murmuring of a rivulet, and inhaling through their pipe a gently ine-briating vapour. Such pleasures, the highest which the rich can enjoy, are equally within the reach of the artisan or the peasant." (Thornton, p. 203.) They never dance themselves, but enjoy public dances, the performers in which, however,

are reckoned infumous.

Turkish usages are, in truth, in almost all respects, quite the opposite of ours. "Our close and short dresses, calculated for promptitude of action, appear in their eyes to be wanting both in dignity and modesty. They reverence the beard as the symbol of manhood and the token of independence, but they practise the depilation of the body from motives of cleanliness. In performing their devotions, or on entering a dwelling, they take off their shoes. In inviting a person to approach them, they use what with us is considered a repulsive motion of the hand. writing they trace the lines from right to left. The master of a house does the honours of the table by serving himself first from the dish: he drinks without noticing the company; and they wish him health when he has finished his draught. They lie down to sleep in their clothes.

affect a grave and sedate exterior: their amusements are all of the tranquil kind: they confound with folly the noisy expression of gaiety: their utterance is slow and deliberate; they even feel satisfaction in silence: they attach the idea of majesty to alowness of motion: they pass in repose all the moments of life which are not occupied with serious business: they retire early to rest; and they rise before the sun." (Thornton,

repose all the moments of life which are not occupied with serious business: they retire early to rest; and they rise before the sun." (Thornton, ii. 186.)

Language, Literature, and Education.—The principal languages spoken in European Turkey are: 1 The Turkish and Tarters' languages, spoken by the Osmanis, Tartars, and Yaruks (descendants of the Turcoman settlers in Maccolaia). The Turkish language is very much intermixed with Arabic and Persian. It is expressive, soft, and musical, and easy to speak, but not easily written. Its construction is artificial and laboured, and its transpositions are more remote from the natural order of ideas than the Latin or German. 2. The Arabic, the written language, used at court and in public worship. 3. The new Greek or Romaic, which consists of a great many dialects, and differs from the Hellenic, or ancient Greek, still in soom emeasure preserved among the inhabe of the Epirotic mountains, and in the valleys of the Cassiodorus (Sail), though greatly intermixed with foreign words and phrases. 4. The Kaneusica, treatian, and Bulgarians. 5. The Armacusica. 6. Wiachicas, derived mainly from the Latin, but much intermixed with other languages. 7. The Armacusica. 8. Wiachicas, derived mainly from the Latin, but much intermixed with other languages. 7. The Armacusicas. 6. Wiachicas, derived mainly from the Latin, but much intermixed with other languages, baving regular grammatical forms and an essential character of its own. 8. The Jewish, 1. e. Hebrew, intermixed with Spanish and Italian words. 9. The Linguage, having regular grammatical forms and an essential character of its own. 8. The Jewish, 1. e. Hebrew, intermixed with Spanish and Italian words. 9. The Linguage France.

The Turkish characters are, with some slight difference, the same as the Arabic and Persian, but they have a varriety of handwritings. The Arabic Kufi, in later times Meschi (literally the characters used in transcribings), is only used in copying the Koran, and other secred works. The Diwant is the writ

The face suitan and much to advance be enterty and extend its utility. The Turks, however, have a prejudice against printing, originating partly in an apprehension leet the Koran should be printed, which they would regard as the highest profauation, and partly in the oppo-

sition of the vast numbers of scribes and copyists, which the general use of the press would throw out of employment, and who, in consequence, take every opportunity to inflame the prejudices of their fellow-subjects against it; but despite these difficulties, the art has made, and is continuing to make some progress. A few years to a

it; but despite these difficulties, the art has made, and is continuing to make, some progress. A few years are, a government newspaper was established, entitled, Tobic of Events, which contains the different resolutions and orders of the divan. The Mominieur Ottoman, in the French language, also published at Constantinople, consists only of extracts from the former.

No sooner were the Turks converted to Islamism, than they began not only to study the Koran, but also the works of the Arabians, their superiors in civilisation. It is a vulgar prejudice to suppose that the Koran discourages learning; on the contrary, "the ink of the learned and the blood of martyrs are," according to the prophet, "of equal value in the sight of beaven." (See the curious article on Eim (science), in the Eviliables Orientaile, 1.629.)

Their favourite studies are law and theology. In the

Their favourite studies are law and theology. In the interpretation of the Koran and of the traditions, they follow the Arabian authorities, and most Turkish divises follow the Arabian authorities, and most Turkish drise occupy their time with biographies of the prophet, sel evidences and reasonings in favour of the Mohammetan religion; these, with the innumerable commentaries on the Koran, form a mass of works which fill the grester part of their libraries. History, poetry, and philosophy, however, are by no means neglected. Hammer, in his elaborate and valuable History of the Ottoman Empire. has consulted an immense number of Turkish historian; and in his History of Ottoman Poetry (the first volume of which was published at Pesth in 1836) he gives short sketches of the lives of 212 Turkish poets, with specimes of their works. At the same time, however, Hammer schowledges that the Turks have no genius for original poetry, and that the whole of their poetry consist of translations from, and limitations of, the Arabic and Persian poets, to whom they stand in nearly the same religions.

translations from, and imitations of, the Arabic and Persian poets, to whom they stand in nearly the same relation that the Roman poets did to the Greek.

Jurisprudence, a favourite pursuit of the Turks is studied in the works and laws of the learned imams, shelt, and sultans, the traditional law of the prophet (Sunas). The most remarkable printed collections of Fetwas (decisions) are by Mutil Dishemall, Abdubrahmsan, and Matapha Kodosi; the work of the latter, published at Constantinople in 1822, contains several thousand fetwas of so mutils in the 18th century. In 1827, there issued from the press 10,000 fetwas, by Abdubrahman, from 1645 to 1676, in 2 vols. folio; and in 1830, 5,400 by Ali Effendi, which with the collection of Abdulkerim Effendi, forms a work of high authority.

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with the collection of Abdulkerim Effendi, forms a work of high authority.

Turkish literature is particularly rich in collections of hon-mots, puns, proverbs, tales, anecdotes, and even novels; and they possess several encyclopedias, and work upon the history of literature. The first volume of a bibliographical dictionary, in which are enumerated the title of more than 30,000 different works in the Arabic, Prisian, and Turkish languages, has been translated by Flugel, and published by the "Oriental Translatine Fund." The reign of Solyman the Magnificent may be considered as the Augustan age of Ottoman literature. This great prince was a liberal patron of the arts and sciences, and of literature and learned men.

Public schools are established in most considerable Turkish towns, and secdresses, or colleges, with public libraries, are attached to the greater number of the priscipal mosques. But, owing to the total want of efficient masters, and of good elementary books, the instruction afforded by these establishments is of comparative little value. In schools the pupils are taught to rea and write the first elements of the Turkish language; the class-books being the Koran, and some commentaries upon it. In the medresses, which are the colleges or schools of the ulemas, the pupils are instructed in and Persian, and learn to decrypher and write the states in and write the states in and write the states in and write the states and write the states and states in a state of the states and write the states and write the states and states and write the s the class-books being the Koran, and some taries upon it. In the medresses, which are the colleges or schools of the ulemas, the pupils are instructed in Arabic and Persian, and learn to decypher and write the different sorts of Turkish characters; instruction as a species of philosophy, logic, rhetoric, and morals founded on the Koran; and these, with theology, Turkish law, and a few notions on history and geography, complete

and a few notions on history and geography, complete the course of study.

"It," says Mr. Thornton, "we call the Turks as illiterate people, it is not because learning is universally neglected by individuals: for, on the courtar, the ulema, or theological lawyers, undergo a long and laboratous course of study; the Turkish gentlemen are all taught certain necessary, and even ornamethal parts of learning; and few children, at least in the capital, are left without some tincture of education. It must be acknowledged, however, that the objects of Turkish study, the rhetoric and logic, the philosophy and methy physics of the dark ages, do in reality only remove mediather from real knowledge. The instruments without which the researches of the acutest natural philosopher would be imperfect, are either entirely unknown in a "Geochichte des Unsweighens Riches," 10 sale, feet per less and the sale of the sale of the sale feether.

" Geschichte des Osmanischen Reiches," 10 vols. \$10. [Path.

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TUR! Turkey, or known only as childish playthings, to excite the admiration of ignorance, or to gratify a vain curiosity. The telescope, the microscope, the electrical machine and other aids to science, are unknown as to their real uses. Even the compass is not universally employed in their navy, nor are its common purposes thoroughly understood. And it may be truly said, that navigation, astronomy, geography, agriculture, chemistry, and all the arts which have been, as it were, created anew since the grand discoveries of the two last centuries, are either unknown, or practised only according to a vicious and antiquated routine." (1.39.)

The facts and detailis given by M. Boué show that this statement is as applicable to the present period, as it was to that when it was written, nearly 40 years ago. At this moment (1842) the useful sciences are, without exception, in the most abject state. A school for medicine and surgery transferred, in 1839, to Galata Serai, the school for the guards already alluded to, and a naval school, are the only establishments in which any attempt is made to supply really useful information. But even these are very far behind. The great deficiency, according to Boué, consists in the want of good elementary books; and he justly thinks that it would be of the greatest importance to get the best elementary works on the different branches of science translated into Turkish, either by native Turks, or by foreigners acquainted with the language. In 1839, the late sultan appointed a commission for the establishment of useful institutions; which, among other projects, proposed to found scientific academies on an improved plan, at Conappointed a commission for the establishment or userus institutions; which, among other projects, proposed to found scientific academies on an improved plan, at Constantinople, Smyrna, Adrianople, and other large towns. But nothing of the sort has hitherto been carried into

Stantinopie, Smyrna, Adrianopie, and other large towns. But nothing of the sort has hitherto been carried into effect.

It must, also, be borne in mind that Turkish schools are mostly attended by boys only. In Turkey education is not considered necessary to a girl; so that by far the greater number of women, knowing little or nothing themselves, can communicate nothing to their children. Tassatios.—The Turkish exchequer consists of two parts; the miri, or public, and the hazse, or suitan's private treasury. The former is derived from various sources, of which the principal are—1st, the haratch, or poll-tax, imposed, with very few exceptions, on all the males in the empire, not Mohammedans, between the ages of 7 and 60 years. Formerly the tax varied, under different circumstances, from 3 to 14 piastres per individual; but the value of money was greater then than now, and at present it varies, in different provinces and under different circumstances, frum 10 to 60 piastres. Various districts compound for the poll-tax, by the swarist, amounting to 5-8ths of the haratch; 2d, the land-tax, of 1-10th of the produce of the estates not subject to military service; 2d, taxes on movables, such as cattle, sheep, and goats, assessed taxes, &c.; 4th, customs' dutles, and octrols; and 5th, the excise upon gunpowder, tobacco, salt, whee, &c. No authentic details have been given of the amount of the mirl, and the estimates put forth by the best informed writers differ extremely. The hassed, or private revenue of the sultan is derived partly from the imperial domains, or estates belonging to the crown; partly from the sume paid by the pachas and other dignitaries, on their accession to office, from presents from the same parties, on occasion of the bey-ram, and other public festivals, and from confiscations

and other digitatives, on their accession to omice, from presents from the same parties, on occasion of the beyram, and other public festivals, and from confiscations and inheritances; and partly from the contributions paid by the tributary provinces of Servia, Wallachia, &c. The female branches of the imperial family have their own especial revenues derived from lands appropriated

to their use, or from peculiar taxes.

But in addition to the taxes now noticed, the subjects But in addition to the taxes now noticed, the subjects of the Porte are liable to be called upon, at the pleasure of the pachas, for contributions in kind for the maintenance of troops passing from one part of the country to another, for corgées, or requisitions of forced labour, and, in time of war, for forced loans, &c. In fact, the pachas and their satellites squeeze out of the people all that they consider the pachas are satellites and their state of the people all that they consider the pachas are satellites and their state. pachas and their satellites squeeze out or the people as that they possibly can, without inquiring or earing whether their demands be legal or otherwise. They know right well that if they pay the stated amount of tribute, and secure by bribes and presents the good opinion of those in power, they may fleece the cultivators without let or hindrance. Since the time of Mohammed

II., the revenues of Turkey have been farmed, or let to the highest bidder. Exclusive, too, of the taxes on account of the general government, and the swanias of the pachas, the people have to provide for their local and municipal expenses,

which are so very heavy as considerably to exceed the amount of the miri. (Bosé, iii, 233, &c.

The more intelligent Turks have long been sensible that the arbitrary power of the pachas, and especially their assanias, or extortions, was the most objectionals.

part of their political system, and would, if not redressed. terminate in universal poverty and disaffection. So early as 1690 the inconveniences of the existing order of things had become apparent, and it was then proposed to obviate them by commuting the different taxes on the raysa, or cultivators, and their contributions of forced labour and horses, for a single tax, which it should not, in any case, be permitted to exceed. (Hummer Osmasiack Geschitz, vi. 581.) Nothing, however, was done; and abuses of all sorts have continued to multiply according as the machine of government became relaxed down to the present day. The Hattl Scheriff previously alluded to as having been issued on the 3d of Nov., 1839, is principally directed to the obvisting of these abuses. But, how indispensable soever, we apprehend it will be found to be wholly impracticable, so long as the present form of government is maintained, to remedy the abuses in question. All the agents of a despot are despots in their peculiar sphere; and though the sultan may be most anxious to suppress abuse, he is neither omnipresent nor omniscient, and it is to be feared that the same means that have hitherto maintained the pachas in power despite their oppressions, will be effectual for the same purpose in time to come. We should be happy to be able to think otherwise; but our firm conviction is that self reform is impossible in Turkey, and that the abuses of which she is the victim, will necessarily increase in number and virulence, till foreign force or domestic violence overthrow the religion and government, of which they are the blitter but legitimate fruits. We subjoin the Hatti Scheriff, or Imperial Decree, now allude to. It is, at all events, a most remarkable document; and the fact of its having issued from a Mohammedia government is not the least singular circumstance in the history of the present times. history of the present times.

and the last of the heart singular circumstance in the history of the present times.

"Every one knows that in the beginning of the Ottoman Empire, the glorious precepts of the Koran and the laws of the empire were held as rules always revered, in consequence of which the empire increased in strength and greatness; and all its subjects, without reception, attained the highest degree of welfare and prosperity. Within the last 150 years a series of events and variety of causes here, from not abiling by the holy code of laws, and the regulations have, from not abiling by the holy code of laws, and the regulations and proverty. Thus it is that a nation loses all its stability by ceasing no observe its laws. These considerations have containtly presented themselves to our notice, and since the day of our accession to the throne, the public weak, the amelioration of the state of the provinces, and the regist of the people, have never ceased to occupy our thoughts. Bearing in minst the geographical position of the Ottoman empire, the territory of the principal into operation efficacious meetins, we may obtain, by the ansistance of God, the object we hope to insure, perhaps in the space of a few years. Thus, full of confidence in the Aimighty, and relying on the intercession of our Prophet, we deem it necessary to each, by new institutions, to procure to the states which compose the Ottoman empire the hoppiness of a good administrative of the reverse of the results of the reputal relying and assessing of taxes; and thirdly, a regular system for the raising of troops, and fixing the time of their service.

"For, in truth, are not life and honour the most preclous of all blessings? What man, however averse his disposition to violent means, can withhold having recourse to them, and thereby injure both the government and his country. When both his life and honour the pethod of the property of the results relying and assessing of taxes; and thirdly, a require system for the raising of troops, and fixing the time of their se

These sentiments in him become the source of the most pralse-worthy actions.

"The assessment of regular and faxed taxes is a consideration of vital importance, since the state, having to provide fir the defence of the property of the state of the stat

form him, and that special laws should also fix and limit the expenses of our army and nowy.

If our army and now are are are army and the stabilitants to supply soldiers to that object: it becomes essential to establish laws to requise contingents which each district it to supply, according to the urgancy of the moment, and to reduce the time of the military review to four or five years, for it is at the same time delay an injustice, and inflicting a mortal blow on agriculture and industry, to four any army and each distary, to from one more, from other fiver near, thus there are described, and it is also reducing the soldiers to despair, and contributing to the depopulation of the country, to retain them all their lives in the service. In short, without the different laws of which the necessity has been shown, there is neither strength, riches, happines, nor tranquillity for the empire, and it has to expect these blessings as soon as large (aws come mino operation.

"It is therefore that in future the cause of every individual shall be tried publicly, according to our divine laws, after mature inquiry and examination; and till a regular sentence has been pronounced, mo one shall have it in his power, either secretly or publicly, in put an individual to death, either by poison or by any other means.
"It is not permitted to attack the honour of any holdvibus, unless that the property of a stack the honour of any holdvibus, unless the first property of a stack the honour of any holdvibus, unless the first property of a stack the honour of any holdvibus, unless the innocent heirs of a criminal shall not farfeit their right to his property, nor shall the property of a criminal be any longer conficance." These imperial concessions extend to all our subjects, of whatever religion or sect they may be, and these advantages they shall will be imperial concessions extend to all our subjects, of whatever religion or sect they may be, and these advantages they shall will be imperial concessions the inhabitants of our empired of life, honour, and property, as we are bound to do, according to the sect of our holy law.

"As to the other subjects, they are subsequently to be regulated after the decision of the enlightened unembers of our Council of Justice, the members of which will be increased according to necessity, which is to meet on certain days, which we shall appoint. Our ministers and dignitaries of the empire will assemble to establish law of the members of these assemblies shall be free to express his ophilom of the military service will be a law of the property and the assembness of the resultation of the military service will be a law of the property and the assembness of the service of the entered of the military service will be a law of the property and the assembness of the service of the entered of the military service will be a law of the service of the service of the military service will be a law of the seasembles and the second of the military service will be a law of to give his advice.

and to give his advice.

"Laws concerning the regulation of the military service will be debated at the military council, which will hold its meetings at the palace of the Seraskier.

"As soon as one in its settled, in order that it may be far ever vald, it shall be presented to us, and we shall honour it with our sanction, and to the head thereof we shall affix our imperial sent.

Since the above Hatti Scheriff was issued, the following statement has appeared in the Turkish Gazette:—

ing statement has appeared in the Turkish Gasette:

"The salian, ever since his accession, has most archerity facilities in the salian of the common well-being of his subjects. His efforts have on various occasions been crowned with the most signal success: but one fundamental reformation was requisite to crown his labours, and to assure to his people the benefits which he sought to confer upon them. The collection of the revenue has remained up in the pressure them. The collection of the revenue has remained up to the pressure his desired that after the salian, during his late journey through the province, having employed himself in examining into the state of the administration, has been convinced that no sensible improvement has been effected, and that more decisive measures are required. "In order to proceed methodicity to be instituted, on as on the one hand to accertain the amount of the contributious actually publy search district, and, on the other, to accertain the extrant dishamements for the army, the marine, the unsmalls and the other military establishments.

nisents for the army, the marine, the ursenals, and the other military establishment.

"The council of the Forte has, therefore, been assembled in presence of the high functionaries of the state, to deliberate on the least means for carrying the intention of his highness into execution; and after a long debate, it has been resolved as follows:—

"That a table shall be constructed, exhibiting the sums received—lat, for the treasury; 2d, for the Valls and Volvodes; 3d, for the expenses of travelling functionaries; 4th, the amount of contributions in kind to different departments, paid in salpterts, corn, timber, &c.; 5th, the value of labout to which certain towns and district were liable, under the demonination of Angaria (corves); 6th, the same paid for local policy, judges, &c.

"Henceforward every tax unauthorized by the ancient cases while revenue, fixed and casual, of the state.

"Henceforward every tax unauthorized by the ancient cases shall be abolished.

"The properties of the high functionaries of the state, whether military or civil, and the perions attached to their services, shall be

"'Henceforward every tax unauthorized by the ancient cases shall be abolished
"'The properties of the high functionaries of the state, whether military or civil, and the persons attached to their services, shall be equally assessed with those of the nation.
"'Every exemption from taxation, and every privilege through which the common burdens were avoided, shall cease.
"The imposts shall be imposed with complete impartiality, at a rate of so much per thousand, which shall yearly be settled in the "Esch individual that to the new ordinances."
"He had individual that pro the new ordinances are set of the community, stating the amount of his contributions, and these sums shall be entered in the public register of each municipality.

"Men of recognised probity and intelligence shall be commissioned, at the public expense, to presecute the necessary inquines throughout the empire.
"The above regulations shall immediately be carried into execution in the two provinces nearest to the capital, Broussa and Gillingli, so that the effects and advantages of the change may be observed, and with the least possible delay extended to the remainder of the empire.

served, and with the seast possions extral seasons are the more of the empire.

"From the date of the execution of this urder, the two provinces designated shall be exempt from the payment of the impost termed 'I-chitiab' (internal customs).

"The comfication of private property shall in no instance be allowed. The government shall in no case appropriate to itself the property of individuals, except on the death of persons who have no heirs.

"The government will reserve to itself the right of previous

heirs.
"The government will reserve to littelf the right of previous liquidation in the case of a holder of government money dying without sufficient effects to cover his debts."
"These regulations, fixed by the Council of the Portz, have been confirmed by the High Council, and sanctioned by the Imperial Pr

consistent by the High Council, and anetioned by the Imperial Pir
"As these present institutions have for their object to cause the radgion, government, nation, and empire to reflourish, we solemnly bind
ourselves to do nothing in contravention to them. As a piedge of surpromise, it is our determination, after having them deposited in the
hall which contains the glorious pastic evaluation of the constitutions in the name of God, and then roper, to abide by these
stitutions in the name of God, and then roper, to abide by these
desirutions in the name of God, and then roper, to abide by the
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stitutions in the name of God, and then roper, to abide by the
stitutions in the name of God, and then roper, to abide by the
stitutions in the name of God, and then roper, to abide by the
shall violate these institutions shall be liable, without any regard
being paid to his rank; consideration, or credit, to corresponding
punishment to his faults, after once it has been made clear.

"A penal code shall be drawn out to this effect.

"A severy functionary receives at present a secanded is to be realsequently increased, rigorous laws will be promulgated against the
sale of patronage and places under government, which the divine law
reprobates, and which is one of the principal causes of the downsall
of the empire.

"The above resolutions being a complete renovation of ancient
costons, this imperial decree shall be problished at Constantingle
and is all the provinces of our empire, and shall be communicated

officially to all the ambassadors of friendly powers reading a stantinople, in order that they may be witnesses to the gran-these institutions, which, if it may please God, are to cond

"May the Almighty God extend his protection to us all, hose who may presume to violate the present institutions is highert of divine malediction, and be deprived of happiness new or ever! Ames."

Historical Notice. — Othman, chief of the Oguzian Tartars, is generally accounted the founder of the Turkish empire. On his succeeding his father in 1289, his dominions were comparatively inconsiderable, being confined to the lordship of Siguta, in Bithynia, and a dominions were comparatively inconsiderable, being confined to the lordship of Siguta, in Bithynia, and a small tract of adjoining territory: but the taleut of Othman, and the bravery and seal of his followers, enabled him to add greatly to his paternal inheritance, and to bequeath the whole of Bithynia and Cappadocia to his son and successor. From this period the tide of Turkish conquest began to roll forward with a force that could not be checked by the feeble resistance of the Greeks. In 1336, the Ottomans first obtained a foocing in Europe. In 1362, Amurath, the grandson of Othmaa, instituted the Janizaries—the first, and for a lengthened period the most powerful, numerous, and best-disciplined standing army established in modern times. The conquests of Timour threatened to subvert the Turkish power; but it soon recovered from the rude shocks is had sustained, and, in 1453, Mahomet II. entered Constantinople sword in hand, and established himself on had sustained, and, in 1453, Mahomet II. entered Constantinople sword in hand, and established himself om the throne of Constantine and Justinian! But the unsdisturbed possession of all the countries from Mount Amanus to the Danube did not satisfy the restless and insatiable ambition of the Turks. Selim, the grandson of Mahomet II., added Syria and Egypt to the dominious of Mahomet II., added Syria and Egypt to the dominious of Mahomet II., added Syria and Egypt to the dominious of Mahomet II., added Syria and Egypt to the dominious of Mahomet II., added Syria and Egypt to the dominious of Mahomet II., added Syria and Egypt to the dominious of Mahomet II., added Syria and Egypt to the dominious femporary of the Emperor Charles V., and the most accomplished of all the Ottomon princes, conquered the greater part of Hungary, and in the East extended his sway to the Euphrates. At this period, the Turkish empire was, unquestionably, the most powerful in the world. "If you consider." says the historian Knollea, who wrote about two centuries aince, "its beginning, its progress, and uninterrupted success, there is nothing in the world more admirable and strength thereof, nothing more draedful and dangerous; which, wondering at nothing but the beauty of listelf, and drunk with the pleasant wine of perpetual felleity, holdeth all the rest of the world in scorn." Nor had this mighty power even then reached its greatest height. Solyman was succeeded by other able princes; and the Ottoman arms continued to maintain their ascendency over those of Christendom until, in 1683, the famous John Sobieski, hing of Poland, totally defeated the army employed in the siege of Vienna. This event marked the zera of their decline. For a while they continued to oppose the Austrians and Hungarians with doubtful fortune and various success; but the victories of Prince Eugene gave a declive superiority to the Christians. The Crescent, instead of recovering its former lustre, has falle like a star pituled from its place in heaven. Province aft a decisive superiority to the Christians. The Crescent, instead of recovering its former lustre, has fallen like a star plucked from its place in heaven. Province after Province after star plucked from its place in heaven. Province after province has been dismembered from the empire: the Russians, now its most formidable enemies, have ad-vanced to Adrianople; and, but for the mutual jealousies and animosities of the different Christian states, last century would have witnessed the final extinction of the Ottoman power.

Ottoman power.

When considered with attention, it does not seem difficult to discover the causes of these apparently anomalous results. The Turks, like their Tartar ancestors, are naturally a brave, patient, and hardy race. After their emigration from central Asia, they were long exposed to the greatest difficulties and privations. Presed on all sides by Mongols, Turkmans, Saracens, and Greeks, they could not maintain their footing in Asia Minor without waging incessant hotillities with their neighbours: they were thus early inured to habits of pillage and blood. And, after they embraced the Mohammedan faith, they found in the law of the paponet not a licence. and blood. And, siter they embrace the substantial faith, they found in the law of the pipphet not a licence only, but a command to desolate the earth, and to propagate their religion and empire by violence. The peculiar tenets and doctrines of the Koran made a profound liar tenets and doctrines of the Koran made a profound impression on the ferocious, ignorant, and superstitious minds of the Turks, who early became the most sealous apostles of a religion of which implicit faith and uncoaquerable energy are the vital principles. Their fanaticism knew no bounds. They literally believed that the sword was the key of heaven, and that to fall fighting in defence of the true faith was the most glorious of deaths, and was followed by the largest portion of eternal felicity. Firm and unshaken believers in the doctrine of and was followed by the largest portion of eternal reli-city. Firm and unshaken believers in the doctrine of predestination, assured that no caution could avert, and no dangers accelerate, their inevitable destiny, they met their enemies without fear or apprehension. Tribute, slavery, and death to unbelievers, were the glad tidings of the Arabian prophet; and have been loudly pro-claimed by his followers over half the Old World. The

Ottomans did not, like the Crusaders, require an impulse from pontiffs or preachers to stimulate them to engage in the great work of conquest and conversion: the precept was in their law, the principle in their bearts, and the assurance of success in their swords.

To such desperate energies, wielded by a succession of sultans distinguished for various and great ability, the Greeks had nothing to oppose but dispirited troops, and generals destitute alike of courage and capacity. From the age of Justinian the Eastern Empire had been gradually sinking. The emperors were alternately prodigal and avaricious, cruel, profligate, and imbecile: the people were a prey to all the evils of civil and ecclesiastical tyranny; their bodies were emaciated by fasting; and their intellectual powers dissipated in theological controversies, alike futile and unintelligible. The total defeat of Bajaset, the great grandson of Othman, afforded an opportunity which, had it been rightly improved, might have enabled the Greeks to expel the Turks from Europe: but the Greeks were totally incapable of profiting either by this or any other event; and the schism of the West, and the factions and wars of France, England, and Germany, deprived them of all foreign assistance, and enabled the Turks to repair their shattered fortunes, and again become the terror and the scourge of Christendom.

But the same cause to which the Turks principally Christendom.

ance, and again become the turks to repair their shattered fortunes, and again become the terror and the securge of Christendom.

But the same cause to which the Turks principally owed their success—the intolerant bigotry and fanaticism of their religion, proved also the principal cause of their decline. It solated them from the rest of Europe, and taught them to look down with contempt and aversion on the arts, sciences, and attainments of the infidel world. "There is," said they, "but one law, and that law forbids all communication with infidels." The more the surrounding nations have distinguished themselves by their advances in civilization and literature, the more determined have the mass of the Turkish people become to resist their example, to keep within the pale of their own faith, and to despise their progress. The flery and impetuous zeal by which they were distinguished in the fourteenth and fifteenth centuries has long since subsided; but had it continued to burn with undiminished force, it could no longer have rendered them really formidable. The invention of gunpowder, and the various improvements that have been made in the art of war, have happily opposed an invincible obstacle to the success of multitudes without discipline, and of courage without skill. "Tani qu'il ne s' egissait que de rassembler et de reteuir sous les drapeaus me multitude des soldats animiss per le funaticisme, l'avantage fut pour les Ottomans; mais cet avantage dispartit quand la guerre appela le concours des sciences humaines, et que le genie, success deconvertes, devint le redoubtable auxiliatre de la salzer." (Michaud, Hist. des Croisades, v. 384. Ad. 1841.) That fanatical fervour, contempt of danger, and superiority to the Ottoman troops failed to enable them to withstand the science, cool deliberate courage, artillery, and tactics of the troops of Austria and of Russia. The Turks have degenerated both in their civil and military institutions, but their present weakness is to be ascribed more to their not keeping pace w

crimes; the decree of heaven has reached us, and nothing can avert the wrath of Omnipotence!"

The despotism of the sultans, and the vast extent of their power, have for a lengthened period contributed to accelerate the progress of decline. For a while, however, it was otherwise. The perilous circumstances under which the Turks were originally placed, and the difficulties and dangers with which they had to struggle, obliged their chiefs to exert all their faculties. Having to rule over bold and fanatical subjects, to act at their generals in war and their legislators in peace, they were compelled to practise the military and peaceful virtues; to inspire confidence by superior knowledge and resolution; attachment by kindness; respect by digplity; emulation by discernment in the bestowing of rewards; and discipline and good order by a steady adherence to a uniform pline and good order by a steady adherence to a uniform system. We do not say that nothing is to be ascribed to the personal character of the sovereign; but if we reflect, that, except in a single instance, a period of nine reigns, and of 264 years, is occupied from the elevation of Othman to that of Solyman, by a series of warlike and able princes (Gibbon, xii. 57.), it must be allowed that some-

thing more than chance, that the necessities of the times thing more than chance, that the necessities of the times had produced this long line of able monarchs.* No sooner, however, had the tide of Turkish conquest been stopped by the firm resistance of the Hungarians and Germans on the one side, and that of the Persians on the other, than the Ottoman monarchs began rapidly to degenerate. The evil was greatly aggravated by the regulation of Solyman the Magnificent, who, in order to hinder the rebellions and internal divisions that had sametimes occurred, established it as a minipule, which hinder the rebellions and 'internal' divisions that had sometimes occurred, established it as a principle, which has ever since been strictly adhered to, that none of the sultan's sons should be appointed to the command of armies or the government of provinces. This regulation had a fatal effect: instead of being educated, as formerly, in the council or the field, the heirs of royalty and of almost omnipotent power have since been brought up in the stothful luxury of the palace. Shu up constantly in their seraglios, ignorant of public affairs, benumbed by indelence, decrawed by the flattery of womens, of enurses and of deprayed by the flattery of women, of eunuchs, and of slaves, their minds contracted with their enjoyments, their inclinations were vilified by their habits, and, when they succeeded to the throne, their government became as vicious, corrupt, and wortbless as themselves. The vast extension of the Turkish empire was another

The vast extension of the Turkish empire was another cause of its decline. It multiplied the enemies, not the subjects of the state. To animate the various and discordant classes of people comprised within its widely-extended limits with the same spirit, and give them one common interest, would have required the adoption of a liberal and enlarged system of policy: but to act in this manner was utterly repugnant to the maxims of Ottoman legislators. The inhab. of the conquered provinces who refused to subtract the religion of the prophet manner was utterly repugnant to the maxims of Ot-tonan legislators. The hinba of the conquered pro-vinces who refused to embrace the religion of the prophet were branded with the title of Infidels, and looked upon with aversion and contempt. To associate with such persons on any thing like a looting of equality, or to admit them to the enjoyment of political privileges, was out of the question. They existed only on sufferance; and though their rights were legally defined, their proud and fanatical masters seldom hesitated about trampling them under foot, and subjecting them to every species of inunder foot, and subjecting them to every species of in-sult, extortion, and ill-treatment. Perhaps, however, it is true that the very weight of the tyranny to which the is true that the very weight of the tyramy to which the non-Mohammedan portion of the pop. has been subject, has, by subduing their energies and debilitating their minds to the level of slavery, rended to secure the tranquility of the empire! But, whether this be so or not, it has, at all events, ensured its depopulation, impoverishment, and degradation. Under this miserable government, palaces have been changed into cottages, cities into villages, and freemen into slaves. Saudys, who visited the Turkish empire carly in the 17th century, when it was comparatively flourishing and vigorous, has described the unhappy state of the regions subject to its destructive despotism, with a truth and force of eloquence that will the unhappy state of the regions subject to its destructive despotism, with a truth and force of eloquence that will not speedily be surpassed: "These countries, once so glorious and famous for their happy estate, are now, through vice and ingratitude, become the most deplored spectacles of extreme misery; the wild beasts of mankinde having broken in upon them, and rooted out all civilitie, and the pride of a sterne and barbarous tyrant possessing the thrones of ancient and just dominion; who, ayming onely at the height of greatnesse and sensualitie, hath, in tract of time, reduced so great and goodly a part of the world to that lamentable distresse and servitude under which (to the astonishment of the understanding beholders) it now faints and groueth. Those rich lands at this present remaine waste and overgrowne with bushes, receptacles of wild beasts, of thieves, and murderers; large territories dispeopled or thinly inand murderers; large territories dispeopled or thinly in-habited; goodly cities made desolate; sumptuous buildings

and murderers; large territories dispeopled or thinly linghabited; scodly clitics made desolate; sumptrons buildings
become ruines; glorious temples either subverted or prosfituted to impietie; true religion discountenanced and
oppressed; all nobilitie extinguished; no light of learning
permitted nor virtue cherished; violence and rapine insulting over all, and leaving no security, save to an abject
mind and unlook to no povertie." (Preface, ed. of 1637.)
Such is the government which the great powers of
Christendom, including, we are sorry to say, England,
profess themselves desirous to maintain in all its integrity! We hardly, however, think that it is destined to
a much longer endurance; and, happily, into whatever
hands it may fall, there cannot be so much as the shadow
of a doubt that the overthrow of the Turkish government and power will be productive of the greatest possible advantage to the interests of humanity.

TURNHOUT, a town of Belgium, prov. Antwerp,
cap, arrond., in a wide heathy distr. 25 m. E.N.E.
Antwerp. Pop., in 1836, 12,909. (Heuschling). It is
well built, and has manufactures of cutlery, linen cloths,
lace, carpets, and oil, with bleaching and dyeing establishments, tameries, brick and tile factories, &c. It sends 3
deputies to the states of the prov.

TUSCANY (GRARND DUCHY OF), (an. Etruria).

**Some of the feregoing statements have been borrowed from the

* Some of the foregoing statements have been borrowed from the notice of the Increase and Decline of the Turkish Fower in the translation of Malie-Brun, written by the author of this work.

a state of N. and Central Italy, being the third in rank in that peninsula, principally between lat. 42° and 44° N., and the 10th and 18th degs. of E. long: the main body of the country has N.E. and S. the Papal States, from which it is mostly shut off by the Apeunines, W. the Mediterranean, here called the Tyrrhene or Tuscan Sea, and N.W. and N. Sardinia and Modesa; but exclusive of the above, it has some detached portions of territory collectively termed Lunigiana, surrounded by the dominions of Modena, Parma, and Sardinia, and the islands of Elba, Planosa, &c. The area, divisions, and pop. are as follow:—

			Populatio	m in 1848.	ļ
Provinces.		Area in eq. no.	Pamilies.	Inhabi- tants-	Chief Towns.
Piorentino - Lucchese - Pisano - Senese - Aretino - Pistojese - Grossetano -	:::::::::::::::::::::::::::::::::::::::	1,978 427 1,182 1,465 1,274 371 1,721	105,165 29,609 37,344 31,488 36,481 27,962 15,040	585,899 170,319 217,681 180,693 212,689 150,413 74,795	Piorence. Lucca. Pisa. Sienna. Arezzo. Pistoja. Grosetta.
Livorno, &c. Elba, &c	:	97	15,166	81,047 20,061	Leghorn. Porto Ferrajo.

The main chain of the Apennines, where it forms the boundary between Tuscany and the Papal dominions, lies wholly within the former. It is neither so lotty nor so rugged as in other parts of Italy, seldom rising to 4,000 ft.; though one summit, Boscolungo, attains to an elevation of 4,178 ft. The principal passes across the Apennines in this part are those of Fumarolo, Pietra Mala, and Pontremoli, by which last Tuscan Lunigiana communicates with Parma. The principal valley is that of the Arno, which comprises about 1-6th part of the entire surface of the duchy. The Arno, one of the secondary rivers of Italy. Parma. The principal valley is that of the Arno, which comprises about 1-6th part of the entire surface of the dutchy. The Arno, one of the secondary rivers of Italy, rises in Monte Failterona, near Prato Vecchio; and after running at first S.E., and then N.W., it flows generally W. to its mouth in the Mediterranean, 6 m. W. Pisa, after a course of about 120 m. Its principal tributaries are the Chiana Canal, the Sieve, Ombrone di Pistoja, &c.; Florence, Empoli, and Pisa, are on its banks. It is usually navigable to Florence, but the navigation is bad, and in the early part of the 17th century a canal was formed from Pisa to Leghorn, avoiding the mouth of the river. The greater Ombrone (an. Umbro) drains the S. part of the Chiana and Tiber rise in Tuscany, as do nearly all the rivers of the N. part of the Fapal dominions. There are no lakes of any consequence: those of Castigline, now in process of filing up, Orbitello, Burano, &c., are mere lagoons or arms of the sea. Few countries are better furnished with streams for irrigation, and the greater part of Tuscany is so fertile and diversified with thill and dale as to be one of the most pleasant regions of Italy. Mr. Maclaren says, "Florence lies in the centre of a magnificent basin. From the tower of the cathedral the eye ranges over a breadth of 30 m., which seems one vast grove, diversified with wooded hills of moderate height, and yet so thickly studded with glittering villages, hamilets, villas, and houses, that if Florence were a larger town, the whole country, back to the mountains, might be considered as its suburbs. The landscape has all the luxuriant beauty of the view from Richmond Hill, with the grandeur of mountain scenery superadded. With the grandeur of mountain scenery superadded. With with the grandeur of mountain scenery superadded. With the addition of a sheet of water, the scene would reach the perfection of rural beauty. The Arno is, indeed, the perfection of rural beauty. The Arno is, indeed, much finer than the Tiber; but it wants volume suitable to the grand scale of the scenery. It is but a thread in the rich valley through which it meanders." (Notes on

to the grand scale of the scenery. It is but a thread in the rich valley through which it meanders." (Notes on Italy, 183-6.)

Along the coast there is a succession of marshy plains, and all the S.W. part of Tuscany is occupied by the Maremme, an undulating and pestiferous tract of country, similar, in some respects, to the Campagna di Roma. The Maremme, which have long been the abode of desolation, were in remote antiquity among the richest and best peopled portions of Italy, and the seat of many of the chief cities of Etruria. For a lengthened period the drainage and improvement of this neglected tract has been a principal object of the reigning dynasty. The present Grand Duke, in particular, has prosecuted this great work with singular vigour; and from 1829 to 1832, he is said to have expended 200,000. sterling of his own property in hydraulic works, roads. bridges, buildings, &c., in the Maremme (Bouring's Report, p. 49.)

The Lake of Castiglione had, in 1836, been already half drained, as well as other stagnant pools; and the river Cornia has been diverted to fill up by its deposits the marshes of Piombino. Large tracts in the Maremme belong to an impoverished nobility, whose profit from the land is principally derived from wood-cutting, and the pasturage of sheep and goats, at from 10d. to 1s. 4d. a head during the winter season, or of buffaloes and other cattle. But the government has lately purchased up

many of these estates, and frequently grants small trach of land to those who agree to build houses and settle on them; or lets out farms at a low ground rent, which is casily raised by the tenut from the sale of the wood be clears from the estate. At Borghleri, Count Gherardesca has unitivation for oliver winces and mulclears from the estate. At Borghlert, Count Gherardesta has introduced the cultivation of olives, vines, and mul-berry trees to a great extent; and good crops of what are now grown in many places where a few years since a few wandering fishermen with difficulty obtained a scanly subsistence

few wandering fishermen with difficulty obtained a scanty subsistence.

But it is not in the Maremme only that important drainages have been effected in Tuscany. The Grand Duke Leopold I, in 1789 began the canal which unites the Chiana with the Upper Arno, by which a large extent of very fertile land in the Val di Chiana, formerly a pestiferous marsh, has been rendered productive and salubrious. The canal brings down a large quantity of river deposit, particularly during floods; and between 1816 and 1833, 3,000 quadrati, or nearly 4 sq. m. of cultivable land, were acquired in this manner. (Bouring, Rep. 10, 47–51.)

The Climate of the Apennines is severe in winter, when the snow often lies for a month together. But in the valleys the winter is but imperfectly defined; the snow seldom lies for more than a day at a time: and vegetation is scarcely interrupted. The average temperature of the year at Florence is shout 55° Fahren. (Berghaus, Allg. Länder, &c.) The libeccio and scrincov are occasionally prevalent, but the latter is musch less annoying than at Naples. Putrid and intermittent fevers, with dropsies, scurvy, &c., as in the Campagna di Roma, are common in the marshes of Pias and the Maremme, particularly in the autumn, when these tracts are deserted by almost all their floabs. But the cores. di Roma, are common in the marshes of Pisa and the Maremme, particularly in the autumn, when these tracts are deserted by almost all their inhabs. But the other parts of the country are salubrious, and often favourable to longevity: in the prov. of Arezzo, during the decrenial period, ending with 1835, the annual deaths sometimes did not exceed in 40 of the pop., and were never so high as 1 in 36. (Bouring's Rep.)

The geological rocks of the great Apennines, in this part of Italy, are chiefly serpentine, talc, mica, clay-slate, and quarts; gneiss, which is here absent, appears in the Maremme. The marble found near Seravezza is little inferior to that of Carrara. Tertiary deposits are fre-

Maremme. The marble found near Seravezza is little inferior to that of Carrara. Tertiary deposits are frequent, consisting of sandstone, mar!, coarse limestone, chalk, and gypsum; and in the Vale of the Arno, the country about Sienna, &c., they contain numerous fossil remains. A great variety of chalybeate, sulphurous, and other springs exist in the Maremme and elsewhere, and one of the Apennines, the Monte Di Fo, is a voicano carcely yet extinct; since, at intervals, it continues to send forth smoke, &c. Many other places exhibit distinct traces of volcanic agency. (Haffman's Europs; Stein; & Schutz, &c.)

scarcely yet extinct; since, as must van, a send forth smoke, &c. Many other places exhibit distinct traces of volcanic agency. (Haffman's Europa; Sicin; Schats, &c.)

Land and Produce.—Of 6,138,993 quadrati of land comprised in the Grand Duchy, according to a government survey, in 1834, 1,835,636 were estimated to be in pasture; 1,661,718 in forests; 997,672 arable; 644,285 in vineyards; 462,184 under vines and olives; 361,308 in chemut woods, and the rest in meadow lands, buildings, roads, &c. The same survey gives, in all, 162,067 separate properties, including from 50,000 to 60,000 farms: there are, in all, about 122,000 landed proprietors. Except in the Maremme, properties are mostly small; and the metayer system, by which the produce of the soil is divided between the proprietor and the cultivator, is generally prevalent. In this system the proprietor supplies the capital, and the cultivator the labour and utensits; the produce is equally divided between them, even as regards the profits arising from the sale of cattle. The cultivator is only obliged to supply the labour required in ordinary cultivation. Should the proprietor desire to make new plantations, or reclaim waste lands to pay the cultivator wages for extra work. The manure and seed is supplied at their Joint expense; but the proprietor is obliged to furnish the cultivator with as much of the latter as is necessary for his support. On all occasions it is the proprietor who receives or disbures the moneys for the sale or purchase of cattle. The contract, which is not in writing, holds good only for a year, and the proprietor may at its termination discharge his cultivator; but in such a case he loses all claim upon them should their accounts be in arrear; and in generalion to generation. from generation to generation.

from generation to generation.

The cultivators do not reside in villages, but in isolated houses, or cottages in the centre of their farms. They seldom see their neighbours, except on holidays or at church. A good cultivator rarely goes to market; he neither buys nor sells; the great recommendation of the metayer system being that his land supplies the farmer with all he wants. The same field is frequently, at the same time, under different crops; and there is, in fact, but little division of labour either in husbandry or anything else.

authing else.

The coloni, or occupiers, seldom sink into absolute poverty; but, on the other hand, they as seldom rise to

any thing like wealth or comfort: and, though they may nearly all be above want, they enjoy extremely few of the luxuries and conveniences of life, other than those of the luxuries and conveniences of life, other than those conferred on them by the bounty of nature. They are at once poor, ignorant, and incapable of vigorous and systematic exertion. "The metayer," says Sismondi, "lives from hand to mouth. He has rarely any corn in store, and still more rarely any oil or wine. He sells his oil when in the press, and his wine when in the vat. He has no provision of salt meat, butter, cheese, leguminous plants, &c. His kitchen utenals are of earthenware; plants, &c. His kitchen utensils are of earthenware; and the furniture of his cottage consists only of a table, and the furniture of his cottage consists only of a table, and some wooden chairs, one or two boxes, and a miserable bed, on which father, mother, and children sleep. Hence, as they possess nothing, they would in a bad year die of hunger, if they were not assisted by the proprietors, who rarely refuse making them a loan on security of the ensuing crop. Their debts are paid after the vintage, but before winter is over new ones are contracted. Of ten metayers, there is hardly one who owes nothing to his master. Such is their idleness, that a hired labourer will execute three times as much work in a day as a metayer." (Tableau de l'Agriculture Toscane, pp. 212—216.)

"I had more than once occasion," says Bowring, "to see 4 generations inhabiting the same cottage: but the

nam more tan once occasion, says howing, to see 4 generations inhabiting the same cottage: but the last had not added a particle of knowledge to the igno-rance of the first: the same gross supersitions; the same prejudices against books; the same unwillingness to introduce any species of improvement; the same reference to ancestral usages. In innumerable cases, families have occupied the same farms for hundreds of years, without adding a farthing to their wealth or a fragment to their knowledge." The metayer system of Iragment to their knowledge." The inctayer system of agriculture is, however, not only the oldest, but the only one that is understood in Tuscany. At Pistoja, indeed, and some other places, the system of letting the land to the cultivator at a fixed rent has been partially adopted; but it has taken no deep root, and the wexzervich has been introducing itself also with the extension of cultivation that the Warmene. A websers in the activities. into the Maremme. Any change in the existing mode of occupancy must, therefore, be remote.

occupancy must, therefore, be remote.

Rvery species of cultivation, except that of wheat, vines, and olives, is neglected. Forests have been destroyed or badly managed; and the proper treatment of meadow lands is wholly unknown. All kinds of produce not suitable for direct consumption are but little esteemed. Mulberry trees, which answer admirably well, are not in favour; and the rearing of silkworms, though carried on more or less in the house of every cultivator, is reckoned of inferior importance, and is abandoned to the females. The produce of silk, therefore, is much less than it might be; and the same may be said of most articles of export. articles of export

The culture of the corn, and other articles required for home consumption is, however, conducted with the utmost care and attention. The hill sides are formed utmost care and attention. The hill sides are formed into a succession of terraces; and a small extent of land of very moderate fertility suffices for the support of a family of 10 or 15 individuals. "The Vai d'Arno," says Mr. Maclaren, "is cultivated like a garden. Much of the land is in drills, about 2 ft. wide and 1 ft. deep, planted with maize, &c.; and about every 100 yards there is a neatly cut drain bordered by a row of poplars to serve as vine props. The rich bottom land is skirted with low hills, which are also carefully cultivated, and bear great numbers of olives. Though not a foot of land be wasted, and not a tree grows which has not been planted by human hands for use or ornament, the whole valley, from the bare hills on one side to those on the other, looks like a forest." (Notes on Italy, 185.)
But, as already seen, the appearance of the country furnishes no sure criterion of the condition of its inhabs.

The land is split into very small portions; and here, as in most other parts of Italy,

"The poor inhabitant beholds in vain
The redd'ning orange and the swelling grain;
Joyless he sees the growing oils and wires,
And in the myrtle's fragrant shade regions:
Starves in the midst of Nature's bounty curst,
And in the laden vineyard dies for thirst."

M. de Chateauvieux states that the occupiers in the Val d'Arno are "never able to lay by any thing as a re-serve against unfavourable years. On entering their houses, we find a total want of all the conveniences of life, a table more than frugal, and a general appearance of privation." (Eng. Trans., p. 78.) It is true that, owing to the mildness of the climate, the temperance and contented disposition of the people, poverty is here productive of much less inconvenience than in England or less favourably situated contries. It appears to the contriers of th pears, indeed, to have had but little influence over the increase of population. In 1801, for example, the pop. of Tuscany amounted to only 1,096,641, whereas, as already seen, it amounted in 1836 to 1,436,785.

Corn is the principal object of culture; but the quantity grown is inadequate to the consumption, and a good

deal is imported at Leghorn from the Black Sea and elsewhere. Maize, wheat, barley, and rye, are the grains principally raised. The husbandry is not uniformly the principally raised. The husbandry is not uniformly the same, but, according to Chateauvieux, it is generally under a 5 years' rotation as follows: — lst, malze, French beans, pease, or other vegetables, manured; 2d, wheat; 3d, winter beans; 4th, wheat; 5th, natural clover, sown after wheat in the spring, and followed by sorgho, a large species of parsuip. The terrace cultivation absorbs a good deal of capital, time, and labour. Walls of turf, sod, and sometimes stone, are raised in succession along the sides of the hills, and support the soil brought down by the rains. The sunny sides of the hills thus terraced are chosen for vices; the shady sides for olive trees. The culture of ollves and vines is not conducted on any scientific principle; but, from the care conducted on any scientific principle; but, from the care bestowed on their produce, the oil and wines of Tuscany hold a respectable rank. The best oil is raised near Pisa, Pescia, and Calci. The wines of Tuscany were formerly very celebrated; they include the Aleatico, and the red muscadel wine of Montepulciano, which last was, with excusable partiality, preferred by Redi to all other wines:

" Montepulciano d'ogni vino e il rè."

Bacer in Torcons.

Two centuries ago the wines of Chianti were well known in England: those of Carenignano, Monte Catini, Ponte a Moriano, &c. have some reputation. The annual produce of silk is estimated at about 250,000 lbs.

Out of five years' crops in the Val d'Arno it will be seen that only one is for cattle, the rearing of which is but a subordinate branch of Tuscan husbandry. Except the herds and flocks belonging to the grand duke and a few other large proprietors, in general only as many are kept as are indispensable for manuring the fields and other agricultural purposes. In 1832, the cattle, including buffaloes, were estimated at about 356,000, and the sheep at 600,000 head. The oxen are mostly of the Hungarian breed; they are not so much used for draught as buffaloes. From 60,000 to 70,000 sheep are pastured in the Maremme from Oct. to May, and in the Apennines the rest of the year. The wool of the Tuscan sheep is coarse, and little used for any but home manufactures; though during the short period of the French domination there was a considerable introduction of Mertino flocks. Chocse made of the ewes milk is consumed in the country, but it is of very inferior quality. The horses of the grand duchy are among the worst in Europe, small, weak, and ill-shaped; and though some attempts have been made to improve the breed, we believe the success has been only very partial. On the other hand, however, the Tuscan asses are the strongest and finest in Italy; goat the firm grand work and the process are made of their milk. Pigs are very abundant in the provs. of Sienna and Grossian and Grossian contractions and the process are made of their milk. districts; and the ricotta cheeses are made of their milk. Pigs are very abundant in the provs. of Sienna and Grossetto, where they roam at large in the oak woods of the Maremme; and poultry and bees are pretty numerous.

It is a curious fact that, notwithstanding the houses of

the peasants are so miserably ill-furnished, they are themselves of a very superior description. "In no coun-try are the peasantry so well lodged. Probably half or try are the peasantry so well lodged. Probably half or more of their houses have been rebuilt within the last 60 years, and the remainder have been improved. It is reckoned, taking one house with another, they must have cost 1,000 crowns or 5,000 fr. each, and the average value of a farm is 2,000 crowns. The living of the peasantry does not correspond to the luxury of their habitations; it is wholesome, though frugal. In most of the prova, head is a myture of each peaker and majes with a little does not correspond to the many of the prove, it is wholesome, though frugal. In most of the prove, bread is a maxture of rye, barley, and maize, with a little wheat; in some places, however, it is of pure wheat. Next to bread, beans form the principal nourishment of the cultivators. They drink but little wine; more frequently aquarello or piquette. To eat fresh meat once a week is considered a luxury: and the poorest are satisfied with a piece of baccon. Salt fish is a good deal eaten. The import of salt cod into Tuscany exceeds 1,000,000 fr. a year." (Bouring's Rep. p. 44.) The day labourer gets on an average 10d. a day for 11 hours' work in the summer, and 8 hours in winter. An English gentleman farming an estate of 40 acres near Florence stated to Dr. Bowring that the value of its gross produce amounted Dr. Bowring that the value of its gross produce amounted to about 315t. a year, which, after deducting the half share of the contadino, and the expenses either shared by him or falling solely upon the proprietor, with casual ex-penses, left him a net profit of about 24. 10s. per acre, or not quite 32 per cent. interest on his outlay. (See Report, 46, 47.)

pp. 46, 47.)
Tuscany has a great variety of mines, which were formerly extensively wrought; but many of these have been abandoned. The principal are the iron mines of Elba (which see, I. 754.) Copper is obtained at Monte Catini, Montieri, &c.; cinnabar, lead, silver, &c. in different places. During a recent decennial period 413,000 lbs. a year of sulphir were produced at Perita; and alum, nitre, various kinds of marble, &c. arefound in different parts of the Maremme. But the nost remark. in different parts of the Maremme. But the most remarkable mineral product is borax, obtained from a collection of lagoons, unique in Europe, if not in the world, and spread over a surface of about 30 sq. m. at and near M. Cerboli, about 15 m. S. by W. Volterra. "Asyou approach the lagoons, the earth seems to pour out boiling water as if from volcanoes of various sizes, in a variety of soil, but principally of chalk and sand. The heat in the immediate vicinity is intolerable, and you are drenched by the vapour which impregnates the atmosphere with a strong and somewhat sulphurous smell. The ground, which burns and shakes beneath your feet, is covered with expsulisations of sulphur and other minerals. The vapours break forth violently in different parts of the mountain recesses: they only produce boracic acid, when they burst with a fierce explosion. In these spots articial lagoons are formed by the introduction of the mountain streams. The hot vapour keeps the water perpetually boiling, and after it has received its impregnation during 24 hours at the most elevated lagoon, the contents are allowed to descend to the second lagoon, where a second impregnation takes place, and then the third, and so forth, till it reaches the lowest receptacle; and having thus passed through from six to eight lagoons it has gathered half per cent. of the boracic acid, and the transferred to the reservoirs, and thence, after a few hours' rest, to the evaporating pans, where the hot vapour concentrates the strength of the acid, by passing

and having thus passed through from six to eight lagoons it has gathered half per cent. of the boracic acid.
It is then transferred to the reservoirs, and thence, after
a few hours' rest, to the evaporating pans, where the hot
vapour concentrates the strength of the acid, by passing
under shallow leaden vessels from the boiling fountains
above. There are from 10 to 20 pans, in each of which
the concentration becomes greater at its descent, till it
passes to the crystallising vessel; from whence it is carried
to the drying rooms, when after 2 or 3 hours it is ready
to be packed for exportation. There are in all 9 establishments. The whole amount produced varies from
7,000 to 8,000 lbs. of 12 oz. a day. The borax-lagoons
have been brought into their present profitable action
within a very few years. In 1833, only about 650,000
Tuscan lbs. were obtained; in 1835, 2,500,000 lbs. But
the produce does not appear susceptible of much extension, as the whole of the water is now turned to account." (Report, pp. 36—38.) The territory around
Volterra is rich in salt springs, and the royal salt works
employ about 90 labourers, and produce nearly 18,000,000
lbs. of salt a-year, exclusive of the produce of Elba.

Among the massigactures, one of the principal is that
of straw plait, so large an export from Leghorn. It is
made with the straw of the heardless wheat, grown on
soil the poorness of which renders the reed white, and
is cut before it be quite ripe. Small patches of ground
are chosen for its culture, on calcareous hills, and it is
never manured. The seed is sown very thick; and
Chatesauvelux was assured that a crop of two acres would
supply straw sufficient for the whole hat manufacture of Tuscany. (Letters, p. 75.) This manufacture employ
a vast number of hands in Florence, Prato, and in all
the districts from Florence to Pistoja on one side, and to Pisto on the other. It is estimated that between Florence
and Prato only there are fifty manufactories; besides
which, the females of nearly all the contadins fam diminished; but when Chateauvieux wrote, it brought "an annual return of 3,0000 ft. to the females of the country, for the men have no concern in it. Every young woman, for a few pence, purchases the straw she has occasion for; she exerts her talent to braid it as fine as possible; and sells, for her own profit, the hats she has made; the money which she thus earns at length forming her dower. Each individual in a family can earn from 30 to 40 sous (15d. to 20d.) a day in plating straw, while they can hire a poor woman from the Apennines for 8 or 10 sous (4d or 5d.) to do the domestic work." (1b. pp. 74, 75.) From 3,000 to 4,000 looms in Florence, 600 to 700 in Sienna, and some at Prato are engaged in the silk manufacture; and, in many parts of Tuscany, there are steam mills for the chain and tram. At Sienna, Prato, &c. are several factories for woollens, including berrettis or red woollen caps, in imitation of those of Tunis. Pistoja has extensive iron works, hardware factories, and paper mills; Prato, many copper foundries; and at Folionica nearly all the iron of Eiba is smelted and wrought; carpets at Florence; leather and rope at Leghorn; marble and alabaster goods at Volterra, &c.: glass, earthenware, hats, hempen and linen fabrics are the other articles principally manufactured. At Prato, which town may give a fair average, the wages of a working man, in most trades, may be about 24 peuls, or 1s. a day; few earn more than 3 pauls (10d.), or less than 2 pauls (10d.) The retail prices of food are, bread about \$d. per lb.; sim-ordinaire, \$2d. to 5d. for about three bottles, &c. (Rowring's Report.).

The exports are principally oil, charcoal, borax, straw plait and hats, cork, rags, potash, tanned hides, marble,

(Boering's Report.)

The exports are principally oil, charcoal, borax, straw plait and hats, cork, rags, potash, tanned hides, marble, coral, woollen caps for the Levant, timber, paper, soap, tartar, &c.: the imports, colonial produce, spices and dye stuffs, manufactured goods, hardware and earthen-

ware, salted fish, &c. Legborn (which see Aste, 180.) engrosses almost the whole foreign trade of the country. Accounts are kept in thre (= about &d.) of 20 solds, and 240 denorie each. The paolo == 1\[\frac{1}{2} \] ire; the pezza = 5\[\frac{2}{2} \] ire. The Tuscan ib. = about 12 oz. troy. The stajz. for corn, &c. = 3-4(ths bushel: the moggio = 25 staje. The barle! (of wine) == 10 imp. galls; (of oil) = 7\[\frac{2}{2} \] galls. The braccio = about 2\[\frac{1}{2} \]. It is seccata of 660 pertiche = about an acre.

The brile (of wine) = 10 imp. galla; (of oil) = 7. galls. The braccio = about 2 ft.: the seccata of 650 pertiche = about an acre.

The Bout an acre.

The Government is an absolute monarchy, mildily exercised, being, in a practical point of view, not only the best in italy, but one of the least exceptionable in Europe. The Grand Duke is assisted by a council of 4 ministers.

Justice is usually administered by the syndics in the small towns and villages, from whose decision appeal many hemade to the vicerio of the canton. There are courts of primary jurisdiction in Florence, Leghorn, and Pistoja, from which appeal lies to the highest court, the reases in Florence. Crime is rare, and is mostly confined to petty frauds and robberles. The civil legislation is far more defective than the criminal; and is often dilatory in the extreme. The total number of criminals and petty offenders convicted before the Tuscan courts in 1833 amounted to 1,230. All the inhab, except a few Jews, Protestants, Greek communicants in Leghorn, &c., are R. Catholics, being subordinate to the three archbishops. Education is almost exclusively in the hands of the ecclesiastics, but is notwithstanding better conducted than in most parts of Italy, especially the Papal States and the kingdom of Naples. There are universities in Pisa and Sienna; the former, in 1836, was attended by upwards of 1,000 students. Numerous other superior schools and many learned societies exist, and no better evidence can be given of the increase of knowledge than the fact that in 1814 there were but 6 printing presses in Florence, whereas in 1836 they amounted to 35. In 1835, about 31,200 children were attending the public schools. "Since 1830," says the Josts. of Educ. No. xvi., "much has been done to forward elementary education, though no general system be established. In the towns there are very good gratuitous schools, and Lancastrian schools have been established in various parts of the country. Holiday schools have also begue to be established." No. iii. of thi

guard the port of Leghorn. (Oudinot, Italie et ses Forces Milli, pp. 290—292.)

The roads, bridges, canals, &c., of Tuscany are well kept; the roads, in particular, are so good, that the conveyance of goods by the rivers and canals is comparatively little resorted to. Between Florence and Leghorn there is a daily post; between the other towns about two posts a week. Mendicity is prohibited by law; but there are numerous and richly endowed charitable institutions. Workhouses exist at Florence, Slemna, and Areszo, supported partly by the state, and partly by voluntary contributions and the labour of the inmates. Pisa and Slemna have desf-and-dumb institutions; and, together with Florence, elghorn, and Pistoja, establishments at which orphans are taught different trades. Several institutions distribute food, bedding, clothing, and working tools to persons in want, and at Frato is one which makes annual grants for study, and furnishes loans for various purposes. Government pawn-banks and savings'-banks are established in the principal towns; the latter paying 34 per cent on deposits up to a certain amount. The public revenue, derived principally from the government reax, custom duse, stamps, salt monopoly, lottery, tobacco duties, patents for carrying arms, fees, fines, &c., amounted in 1830 to 28,104,898 Tuscan lire.; and the expenditure to 28,078,029 lire. In every respect we may consider Tuscany as the most flourishing state of the amounted in 1830 to 25,104,898 Tuscan lire.; and the expenditure to 23,078,029 lire. In every respect we may consider Tuscany as the most flourishing state of the Italian peninsula. At two distant epochs, in remote antiquity, and at the revival of science and commerce in the middle ages, Tuscany has been the seat of the highest degree of civilization in Europe. The Tuscans of the present day are admitted generally to excel the other inhabs. of Italy in their taste for the fine arts, and the pollish of their manners; and the Italian, or, as it is sometimes called, Linguis Toscossa, is here spoken in the greatest purity and perfection. Even within this limited territory, there are, however, no fewer than five different dialects — the Florentine, Senese, Pistojan, Pisan, and Arctine. The best Italian is said to be spoken in Sienna. History. Etruria was finally conquered by the Romans

about smee 280 s.c. After the fall of the Western Empire, it successively belonged to the Goths and the Lombards, by the last of whom it was erected into a duchy. Charlemagne conquered Tuscany with the rest of the Lombard dominions; but under his feeble successors its marquises made their government hereditary and independent. The Tuscan territories were afterwards divided, in the 12th and 12th centuries, among the famous republics of Fiorence, Pisa, and Sienna; but these were re-united in 1531 into a duchy under Alexander de Medici, in whose family it continued till its extinction in 1737, when it fell into the hands of the Ho. of Austria. In 1801, by the treaty of Luneville. Napoleon erected it into the kingdom of Etruria for the Prince of Parma; but in 1808 it was incorporated with the French empire, and subdivided into the deps. Arno, Mediterranean, and Ombrone. Since 1814 it has reverted to Austria, and is now governed by one of the Austrian archdukes. (Bourring's Rep. on the Statistics of Tuscany; Rompolds; Servistori, Statist. ellatia; Simonal, Agriculture Toscane; Chateawieus, &c.)

TUY (an Tudes ad Fince), a fortified town of Spain, in Galicia, cap. prov., on the Minho, which separates it from the Portuguese territory, 57 m. S. by W. Saint Jago. Pop. about 7,000. (Mikano.) It stands on a height surrounded by several squares and bridges, a cathedral, several hospitals and convents, a seminary, college, and 2 barracka. Its-principal manufacture is of table linen, in which its inhabitants trade with Portugal; but it also produces hat, leather, liqueurs, &c. Its climate is rendered unhealthy by adjacent marshes.

TWEED, one of the principal rivers of Scotland, forming, in the lower part of its course, the boundary between Scotland and England, has its sources on the R. side of Errickstane hill, about 6 m. from Mofat. Its course is first N.E. to Peebles; then E. with a little inclination to the S. to Melrose; it next passes Coldstream and Kejso; and, pursuing a N. easterly direction, falls into the sea at B

packed in ice, to London.

Among its principal tributaries is the Etterick, which, flowing from the S. parts of Selkirkshire, joins it at the Elidon Hills. A little lower down it receives the Gala, from Mid Lothian, and the Leader from the borders of East Lothian. The Teviot rises in Roxburghshire, on the confines of Dumfriesshire; and flowing N.E., and receiving several tributaries, it falls into the Tweed at Kelso. The Till rises in Northumberland, near Ingram, and, pursuing a N. westerly course, falls into the Tweed at Tilmouth. Near Berwick, the Tweed receives the Adder, a considerable river, formed by the junction of the Blackadder and Whiteadder, having their sources in the Lammermoor hills. The basin of the Tweed is estimated at about 1,870 sq. m.

But to the disgrace as well of the country as of the par-ties more immediately concerned, "Pope's Villa" has been levelled with the ground! The structure now lives only in his immortal versee; and even his grotto,

Where, nobly-pensive, St. John sate and thought Where British sighs from dying Wyndham stole, And the bright flame was shot through Marchmes

has been suffered to go to ruin i

The church, a brick building, erected in 1714, contains
the remains of the poet and of his parenta. Pope himself
raised a monument to the memory of the latter; and a
monument to himself was raised, some years after his
death, by his friend and literary legatee, Bishop Warburton. It. as of grey marble, in the pyramidal form, and has
a bust or medallion of the poet.

Among the existing villas in the vicinity of Twickenham, the most celebrated is that of Strawberry-hill, long
the residence of Mr. Horace Walpole, by whom it was
built, in a sort of trumpery Gothic style, and filled with
a singular collection of rare, though mostly trifling articles. In the course of 1Ma however, the collection was
sold by auction; and the villa itself, which is a very paltry
affair, has not since been occupied, and will probably soon
share the fate of that of Pope. A national school, for the
education of children of both sexes, was established in the
village in 1809.

education of children of both sexes, was established in the village in 1809.

TYME, an important river in the N. of England, is formed by the junction of two very considerable streams, the N. and S. Tyne. The latter rises on the borders of Durham and Cumberland, near Cross-Fell, one of the highest mountains in the great central range; and the former in the moorlands of Northumberland close to the Scottish border. They unite a short way from Hexham. After their junction, the river takes an easterly direction; and dividing Northumberland from Durham and over the second of the control of

Scottish border. They unite a short way from Hexham. After their junction, the river takes an easterly direction; and dividing Northumberland from Durham, and passing Newcastle, falls into the see at Tynemouth, having the towns of N. and S. Shields close to its embouchure.

The Tyne is navigable for ships of from 300 to 400 tons burden, as far as Newcastle, and is navigated a few miles farther by keels, a peculiar description of craft employed to carry coal to the coal-ships. The banks of the Tyne at Newcastle are steep, and the ground rises on each side to a considerable height. Down to a comparatively late period the salmon fisheries in this river were of considerable value and importance. In 761, no fewer than 260 fish were caught at one draught at Newburn; and in 1775, 275 were landed at one draught at the Low Lights, near the mouth of the river. The fisheries have, however, for several years past, been all but annihilated; a circumstance which has been variously accounted for, but which, perhaps, is most properly to be ascribed to the locks constructed at Bywell to improve the navigation of the river, preventing the ascent of the fish in the breeding season to the shallow streams in the upper parts of the river. For an account of the trade and shipping of this river the reader is referred to the articles Newcastle, Sours Shields, and Tynemours, in this work.

TYNEMOUTH and NORTH SHIELDS, a parl.

and shipping of this river the reader is referred to the articles Newcastles, South Shields, and Tynemouth, in this work.

TYNEMOUTH and NORTH SHIELDS, a parl. bor., co. Northumberland, on the N. bank of the Tyne, at its mouth in the German Ocean, immediately spoosite South Shields, and Tyne. Now. Exalte. The parl. hor., consisting of the townships of Tynemouth, N. Shields, Chriton, Preston, and Cullercoats, had in 1831, a pop. of 25,201, and in 1841, of 25,165, The township of Tynemouth occupies its most E. angle, and at its S. W. extremity is the town of N. Shields. The township of Tynemouth county is the town of the town ship of Chriton stretches along the whole S. W. side of the paradioing N. Shields. Preston adjoins both that town and the township of Tynemouth; it is of small extent, but contains some excellent houses, and a large pop. for its small area, as compared with some of the other town hips. At the N. extremity of the township of Tynemouth is that of Cullercoats, which contains the fishing town of that name. This township conaprises only about 5 or 6 acres of land, the greater part of which is covered with butildings. (Bound. Rep.) The village of Tynemouth has been much enlarged of late years; it is in general well built, and during the summer season is much resorted to for bathing. Its most remarkable edifice is the castle, originally a privery erected in the lith century upon a previous foundation; it stands on a lofty and rocky peninsula, and is approached from the W. by a gateway flanked by towers, the whole being inclosed by a wall which runs for the most part along the edge of the cliff, at the N. E. angle of which is a light-house. Great are is taken by government to preserve the remains of the edifice, which forms a sea-mark for ships approach. the Blackadder and Whiteadder, having their sources in the Lammermoor hills. The basin of the Tweed is estimated at about 1,879 aq. m.

TWENTY-FOUR PERGUNNAHS, a district of British india, presid, and prov. Bengal, between lat. 21° 30′ and 22° N., and long. 88° and 90° E., having N. Naleids. Preston adjoins both that town and the township of Tynemouth; it is of small extent, but contains some excellent houses, and a large pop. for its 21° 30′ and 22° N., and long. 88° and 90° E., having N. Naleids. Preston adjoins both that town and the township of Tynemouth; it is of small extent, but contains some excellent houses, and a large pop. for its 21° 30′ and 22° N., and long. 88° and 90° E., having N. Naleids. Preston adjoins both that town and the township of Tynemouth; it is of small extent, but contains some excellent houses, and a large pop. for its contains some excellent houses, and a large pop. for its contains some excellent houses, and a large pop. for its contains some excellent houses, and a large pop. for its contains some excellent houses, and a large pop. for its contains some excellent houses, and a large pop. for its contains some excellent houses, and a large pop. for its contains some excellent houses, and a large pop. for its contains some excellent houses, and a large pop. for its contains some excellent houses, and a large pop. for its contains some excellent houses, and a large pop. for its contains some excellent houses, and a large pop. for its contains some excellent houses, and a large pop. for its contains some excellent houses, and a large pop. for its contains some excellent houses, and a large pop. for its contains some excellent houses, and a large pop. for its contains some excellent houses, and a large pop. for its contains some excellent houses, and a large pop. for its contains the fishing the township of Tynemouth; it is of small extent, but contains as compared with some of the township of Tynemouth; it is of small extent, but contains some excellent houses, and a large pop. for

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enrichment, and though the stone is much decayed, it shows great delicacy of execution. (Goth. Archit.) A monument has been erected in honour of Lord Colling-wood. This church was parochial till 1657, when a new church was built near N. Shields. The living of Tynemouth, a vicarage, worth 299l. a year, is in the gift of the Duke of Northumberland. Two other churches have been erected; one at the W. end of the par., and the other at the village of Tynemouth, which are curacies in

Duke of Northumberland. Two other churches have been erected; one at the W. end of the par., and the other at the village of Tynemouth, which are curacies in the appointment of the vicar.

North Shields has increased rapidly of late years in size and importance, along with the increasing trade of the Tyne. It has many good streets and squares, a good market-place, gas and water works, a public library, scientific institution, nest theatre, Lancastrian and other schools, a sallors' relief society, meeting-houses for most of the principal dissenting sects, and a weekly newspaper. The Master Mariners' Asylum, the site for which was granted by his grace the Duke of Northumberland, is a neat stone edifice, recently built on the road leading from North Shields to Tynemouth. "The condition of the town of North, Shields is certainly prosperous; it is progressively Increasing in importance. The manufactories in this town are merely of those articles which are required by the ship-builder. Muchbuilding is in progress; and many improvements have been both commenced and agreed upon. New roads are to be made through the par. towards the W. and N. W. and a railroad, 6f m. in length, now connects this town with Newcastle, passing through the township of Chirton. The town is chiefly extending itself on the W. and N.W. into Chirton and Preston townships, and in the direction of the town of Tynemouth, There is no doubt that in a few years the village of Chirton will be nearly united to North Shields by a continuous street, and that a great portion of the township of Preston will be nearly united to North Shields by a continuous street, and that a great portion of the township both Preston will be nearly united to North Shields by a continuous street, and that a great portion of the township both Preston will be nearly united to North Shields by a continuous street, and that a great portion of the township both Preston will be coupled by that town. Already several buildings, or marked out as their future site. It is stated that t town had taken the direction of Tynemouth and Preston, rather than Chirton, in consequence of the land of the latter township adjoining that town being in settlement."
(Bound. Rep.) There is a bar at the river's mouth, but at high water it may be crossed by vessels of 500 tons, and those of 300 tons lie close to the quays. Ships, as explained in the article on SOUTH SHIELDS (which see), lie in tiers in the river, and were formerly loaded with the coal brought down the river in lighters; but of late years, statistics and drops having hear errected the intercoal brought down the river in lighters; but of late-years, staitbes and drops having been erected, the inter-vention of lighters is in a great measure superseded. This town is included in the port of Newcastle; but there belongs to it especially about 350 ships; and some busi-ness is done in ship-building. The entrance to the Tyne is defended by Clifford's Fort, on its N.E. bank, near which is the low lighthouse; the high lighthouse being on the hill opposite Dockwray Square. Its depen-dence on Newcastle is much complained of, as it obliges all ships to clear out from the latter. The shipping of coal is the staple business of the port.

all ships to clear out from the latter. The shipping of coal is the staple business of the port.

The fown is under the jurisdiction of the co. magistrates. It has a county court, before which 710 plaints were entered in 1848. It is lighted and watched by commissioners under a local act. The erection of a bridge over the river was formerly contemplated; but that project has been abandoned, and the communication between the towns of North and South Shields is maintained by means of a steam ferry. The Reform Act conferred on

means of a steam ferry. The Reform Act conferred on the bor, of Tynemouth the privilege of returning 1 m, to the H. of C. Registered electors, in 1849-50, 817.

TYRE (Tiest), the principal city of Phosnicia, and the most celebrated emporium of the provided of the content of t ancient world, on the S.E. coast of the Medi-Tsour, where the inconsiderable town of Tsour, with 1.500 inhabs., now stands, lat. 35° 17′ N., long. 35° 14′ 35″ E. The harbour of the modern town is choked up; and we have introduced this article merely that we might have the opportunity of laying before the reader some streaments representing the

is choked up; and we have introduced the merely that we might have the opportunity of laying before the reader some statements respecting the commerce, arts, and navigation of the Tyrians, the most distinguished mercantile people of antiquity.

Tyre was founded by a colony from Sidon, the most ancient of the Phenician cities. The date of this event is not certainly known, but Larcher supposes it to have been 1,690 years before the Christian gra. (Chrosologie d'Hérodote, cap. ii. p. 181.) It is singular that while Homer mentions Sidon, he takes no notice of Tyra, whose glory speedily eclipsed that of the mother city; but this is no conclusive proof that the latter was not then a considerable emporium. The prophets Isalah, Jeremiah, and Ezeklel, who flourished from 700 to 600 years before Christ, represent Tyre as a city of unrivalled wealth, whose "merchants were princes, and her traffickers the honourable of the earth." Uriginally, the

city was built on the main land; but having ben be sieged for a lengthened period by the Babylonian menarch Nebuchadnezzar, the inhabitants conveyed the narch Nebuchadiezzar, the inhabitants conveyed the selves and their goods to an island at a little distant, where a new city was founded, which enjoyed as is-creased degree of celebrity and commercial propersit. The old city was, on that account, entitled Palætyre, as the other simply Tyre. The new city continued to for-rish, extending its colonies and its commerce on all side, till it was attacked by Alexander the Great. The resis-ance made by the Tyrians to that conqueror showd that they had not been enervated by luxury, and that their martial virtues were nowise inferior to their commercial skill and enterprise. The overthrow of the Persian esmartial virtues were nowise inferior to their commercia skill and enterprise. The overthrow of the Persian espire was a less difficult task than the capture of this single city, which was not effected till a mound had beer carried from the main land to the island on which it was built. The victor had not magnanimity to treat the vanquished as their heroic conduct deserved. In despite, however, of the cruelties inflicted on the city, she rose again to considerable eminence. But the foundation of Alexandria, by diverting the commerce that had for rose again to considerable eminence. But the foundation of Alexandria, by diverting the commerce that has fermerly centered at Tyre into a new channel, gave her as irreparable blow; and she gradually declined fill, consistently with the denunciation of the prophet, her palaces have been levelled with the dust, and she has become "a place for the spreading of nets in the midst of the sea."

come "a piace for the spreading of nexts in the mass where sea."

Commerce, Colonies, &c. of Tyre.—Phoenicia was one of the smallest countries of antiquity. It occupied that part of the Syrian coast which stretches from Aradia (the modern Rouad) on the N., to a little below Tyre on the S., a distance of about 50 leagues. Its breadth was much less considerable, being for the most part bounded by Mount Libanus to the E., and Mount Carmel on the S. The surface of this narrow tract was generally ruged and mountainous; and the soil of the vallers, though moderately fertile, did not afford sufficient supplies of food to feed the pop. Libanus and its dependent ridge were, however, covered with timber suitable for ship building; and besides Tyre and Sidon, Phoenicis possessed the ports of Tripoli, Byblos, Berytus, &c. In this situation, occupying a country unable to supply these with sufficient quantities of corn, hemmed in by mountains, and by powerful and warlike neighbours, on the one hand, and having, on the other, the wide expanse of the Mediterranean, studded with islands, and surrounded by fertile countries, to invite the enterprise of her clients. by fertile countries, to invite the enterprise of her clients, they were naturally led to engage in maritime and commercial adventures; and became the boldest and most experienced mariners, and the greatest discovering of ancient times.

From the remotest antiquity, a considerable trade seems to have been carried on between the eastern and western worlds. The spices, drugs, precious stones, and other valuable products of Arabia and India have always been highly estatement in the contract of the spices of the contract o western worlds. The spices, drugs, precious stones, and other valuable products of Arabia and India have always been highly esteemed in Europe, and have exchanged for the gold and silver, the tin, wines, &c. of the laster. At the first dawn of authentic history, we find Phemicia the principal centre of this commerca. Her inhabs, estignated in the early sacred writings by the name of Conamites,—a term which, in the language of the Esst, means merchants. The products of Arabia, India, Persia, &c. were originally conveyed to her by companies of travelling merchants, or caravans; which seem to have been constituted in the same way, and to have performed exactly the same part in the commerce of the Esst, in the days of Jacob, that they do at present. (Gen. xxxvi. 25., &c.) At a later period, however, in the reign of David and Solomon, the Phemicians, having formed as alliance with the Hebrewa, acquired the ports of Elsan and Exiongeber, at the N.E. extremity of the Bed Sea. Here they fitted out fleets, which traded with the ports on that sea, and probably with those of Southern Arabia, the W. coast of India, and Ethiopia. The ships are said to have visited Ophir; and a great deal of crudition have expended in attempting to determine the exact situation of that emporium or country. We agree, however, with Hegren in brinking that the was not the name. been expended in attempting to determine the exact situation of that emporium or country. We agree, however, with Heeren in thinking that it was not the name of any particular place; but that it was a not of general designation given to the coasts of Arabia, India, and Africa, bordering on the Indian Ocean; somerhad in the same loose way as we now use the terrestion and West Indies. (See the chapter on the Navigation of Heeren's work.)

The distance of the Red See from Twe heior very Heeren's work.)
The distance of the Red Sea from Tyre being "

The distance of the Red Sea from Tyre being very considerable, the conveyance of goods from the one to the other by land must have been tedious and expensive. To lessen this inconvenience, the Tyrians, shortly after they got possession of Elath and Exiongeber, ested upon Rhinoculura, the port in the Mediterranean nearest in the Red Sea. The products of Arabia, India, &c., being carried thither by the most compendious route, were then put on board ships, and conveyed by a brief and early ovgage to Tyre. If we except the transit by Egypt, this was the shortest and most direct, and for that reason, no

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doubt, the cheapest, channel by which the commerce be-tween Southern Asia and Europe could then be con-ducted. But it is not believed that the Phonicians posducted. But it is not believed that the Phomicians pos-acessed any permanent footing on the Red Sea after the death of Solomon. The want of it does not, however, seem to have sensibly affected their trade; and Tyre continued, till the foundation of Alexandria, to be the grand emporium for eastern products, with which it was supplied by caravans from Arabia, the bottom of the Persian Gulph, and from Babylon, by way of Palmyra. The commerce of the Phenicians with the countries bordering on the Mediterranean was still more extensive and valuable. At an early period they established settle-ments in Cyprus and Rhodes. The former was a very valuable acquisition, from its proximity, the number of

and valuable. At an early period they established settlements in Cyprus and Rhodes. The former was a very valuable acquisition, from its proximity, the number of tap ports, its fertility, and the variety of its vegetable and mineral productions. Having passed successively into Greece, Italy, and Sardinia, they proceeded to explore the southern shores of France and Spain, and the northern shores of Africa. They afterwards adventured upon the Atlantic, and were the first people whose flag was displayed beyond the Pillars of Hercules.*

Of the colonies of Tyre, Gades, now Cadis, was one of the most ancient and important. It is supposed by M. de St. Croix to have originally been distinguished by the name of Tartessus or Tarshish, mentioned in the sacrod writings. (De l'Estat et du Sort des Ancienses Colonies, p. 14.) Heeren, on the other hand, contends, as in the case of Ophir, that by Tarshish is to be understood the whole southern part of Spain, which was early occupied and settled by Phomician colonists. (See also lises, Commerce des Anciens, cap. 8.) At all events, however, it is certain that Cadis early became the centre of a commerce that extended all along the coasts of Europe as far as certain that Cadis early became the centre of a commerce that extended all along the coasts of Europe as far as Britain, and perhaps the Baltic. There can be no doubt that by the Cassiterides, or Tin Islands, visited by the Phœnicians, is to be understood the Sciliy Islands and Cornwall. The navigation of the Phœnicians, probably, also extended a considerable way along the western coast of Africa; of this, however, no details have reached use

also extended a considerable way along the western coast of Africa; of this, however, no details have reached us.

But of all the colonies founded by Tyre, Carthage has been by far the most celebrated. It was at first only a simple factory; but was materially increased by the arrival of a large body of colonists, forced by dissensions at home to leave their native land, about 883 years B. c. (St. Crots, p. 20.) Imbued with the enterprising mercantile spirit of their ancestors, the Carthaginians rose in no very long period to the highest eminence as a naval and commercial state. The settlements founded by the Phenicians in Africa, Spain, Sicily, &c., gradually fell into their hands; and after the destruction of Tyre by Alexander, Carthage engrossed a large share of the commerce of which it had previously been the centre. The history, commerce, and institutions of Carthage, and the misfortunes by which she was overwhelmed, have, however, been already noticed in this work (Sec Carthage, and the misfortunes by which she was overwhelmed, have, however, been already noticed in this work (Sec Carthage, and the misfortunes by which she was overwhelmed, have, however, been already noticed in this work (Sec Carthage, and the misfortunes by which she was enabled to wage a lengthened, doubtful, and desperate contest with Rome herself for the empire of the world.

The commerce and navigation of Tyre probably attained their maximum from 650 to 550 years s. c. At that period the Tyrians were the factors and merchants of the civilised world; and they enjoyed an undisputed pre-eminence in maritime affairs. The prophet Eackle (chap. xxvii.) has described in magnificent terms the glory of Tyre; and has enumerated several of the most valuable productions found in her markets, and the countries whemce they were brought. The fir trees of Selion, Arvad (Aradus), Gebel (Byblos), served her as mariners and carpenters. Gold, sliver, lead, tin, iron, and vessels of brass; slaves, horses, mules, sheep, and goats; pearls, precious such of

* Mons Calpe and Mons Abyla, the Gibraltar and Ceuta of n

successfully and advantageously carried on from the new city as from the old. Inasmuch, however, as Carthage soon after began to rival hera sa maritime and mercantile state, this may, perhaps, be considered as the æra of her greatest celebrity.

It would not be easy to over-rate the beneficial infin-

It would not be easy to over-rate the beneficial infinence of that extensive commerce from which the Phœnicians derived such immense wealth. It inspired the people with whom they traded with new wants and desires, at the same time that it gave them the means of gratifying them. It every where gave fresh life to industry, and a new and powerful stimulus to invention. The rude uncivilised inhabs. of Greece, Spain, and Northern Africa, acquired some knowledge of the arts and actences practised by the Phœnicians; and the advantages of which they were found to be productive secured their gradual though slow advancement.

Nor were the Phœnicians celebrated only for their wealth, and the extent of their commerce and navigation. Their fame, and their right to be classed amongst those who have conferred the greatest benefits on mankind,

who have conferred the greatest benefits on mankind, rest on a still more unassailable foundation. Antiquity rest on a still more unassaliable foundation. Antiquity is unanimous in ascribing to them the invention and practice of all those arts, sciences, and contrivances that facilitate the prosecution of commercial undertakings. They are held to be the inventors of arithmetic, weights and measures, of money, of the art of keeping accounts, and, in short, of every thing that belongs to the business of a counting-house. They were, also, famous for the invention of ship-building and navigation; for the discovery of glass; for their manufactures of ane linen and tapestry; of their skill in architecture, and in the art of working metals and ivory; and still more for the incomparable splendour and beauty of their purple dye. (See the learned and invaluable work of the President de Goguet, Sur L'Origine des Loiz, 3c., Eng. trans. vol.1. p. 256., and vol.1. pp. 95—100; see also the chapter of Heeren on the Manufactures and Land Commerce of the Phacnicians.)

But the invention and dissemination of these highly useful arts form but a part of what the people of Europe owe to the Phenicians. It is not possible to say in what degree the religion of the Greeks was borrowed from theirs; but that it was to a pretty large extent seems abundantly certain. Hercules, under the name of Meicarthus, was the tutelar deity of Tyre; and his expeditions along the shores of the Mediterranean, and to the straits connecting it with the ocean, seem to be merely a poetical representation of the progress of the Phennician. straits connecting it with the ocean, seem to be merely a pocifical representation of the progress of the Phenician navigators, who introduced arts and civilisation, and es-tablished the worship of Hercules, wherever they went. The temple erected in honour of the god at Gades was

long regarded with peculiar veneration.

The Greeks were, however, indebted to the Phænicians, The Greeks were, however, indebted to the Phoenicians, not merely for the rudiments of civilisation, but for the great instrument of its future progress — the gift of letters! No fact in ancient history is better established than that a knowledge of alphabetic writing was first carried to Greece by Phoenician adventurers: and it may be safely affirmed, that this was the greatest boon any people ever received at the hands of another.

Before quitting this subject, we may briefly advert to the statement of Herodotus with respect to the circum-navigation of Africa by Phœnician sailors. The venera-Before quitting this subject, we may briefly advert to the statement of Herodotus with respect to the circumnavigation of Africa by Phœnician sallors. The venerable father of history mentions, that a fleet fitted out by Necho, King of Egypt, but manned and commanded by Phœnicians, took its departure from a poit on the Red Sea, at an epoch which is believed to correspond with the year 600 before the Christian era, and that, keeping always to the right, they doubled the southern promontory of Africa; and returned, after a voyage of 3 years, to Egypt, by the Pillars of Hercules. (Herod, lib. v. §42.) Herodotus further mentions, that they related that, in salling round Africa, they had the sun on their right hand, or to the north—a circumstance which he frankly acknowledges seemed incredible to him, but which, as every one is now aware, must have been the case if the voyage were actually performed.

Many learned and able writers, and particularly Gosselin (Recherches sur la Geographic Systematique et Possitive des dancieus, tome i. pp. 204—217.), have treated this account as fabalous. But the objections of Gosselin have been successfully answered in an elaborate note by Larcher (Herodote, tome iii, pp. 458—464, ed. 1802); and Major Rennell has sufficiently demonstrated the practicability of the voyage. (Geography of Herodotes, p. 683, &c.) Without entering super this discussions we was

Major Reinnell has sufficiently demonstrated the practicability of the voyage. (Geography of Herodotsus, p. 682, &c.) Without entering upon this discussion, we may observe, that not one of those who question the authenticity of the account given by Herodotus presume to doubt that the Phoenicians braved the boisterous seas on the coasts of Spain, Gaul, and Britain; and that they had, partially at least, explored the Indian Ocean. But the ships and seamen that did this much, might, undoubtedly, under favourable circumstances, double the Cape of Good Hope. The relation of Herodotus has, hesides, such an appearance of good faith, and the circumstance which he doubts, of the navigators having the sun on the right,

times.

† There is, in Dr. Vincent's Commerce and Narigation of the Ancient in the Indian Geam (vol. ii, pp. 634—632), an elaborate and (like the other parts of that work) profits commentary on this chapter of Exettel, in which most of the names of the things and places mentioned are satisfactorily explained. (See also Heres on the Pheneticines)

affords so strong a confirmation of its truth, that there

affords so strong a confirmation of its truth, that there really seems no reasonable ground for doubting that the Phomicians preceded, by 2,000 years, Vasco de Gama in his perilous enterprise. (We have borrowed this article from the Commercial Dict.)

TYROL and VORARLBERG (an. Rheetia, with part of Noriceus), a prov. of the Austrian empire, principally between the 46th and 48th degrees of N. lat., and the 10th and 18th of E. long.; having E., the archd. of Austria (Salsburg, &c.), and Carinthia; S., the Lombardo. Venetian kingdom; W., Switserland (the Grisons, &c.) and the princip. of Liechtenstein; and N., Bavaria. Length, E. to W., about 120 m.; average breadth somewhat less than 100 m. Area estimated at about 11,000 sq. m. Pop., in 1838, 331,298. This country may be regarded as an extension of Switzerland towards the E. It is traversed in its whole extent by the main ridge of the Alps, which has here some of its loftiest summits, including, among others, Mount Orteler 12,823 ft., and the Gross Gluckner 12,567 ft. above the level of the sea. This grand chain separates the waters that flow N. to the Rhine and the Upper Danube from those that flows S. to the Po and the Adriatic, and the Lower Danube. But, exclusive of this gigantic chain, an interior chain from 50 to 60 m. S. of the latter divides the country into three portions: the Valley of the Inn, to the N. of the High Alps; that of the Drave, between the High Alps and the hinferior chain; and the country to the S. of the latter drained by the Adigate. The vorarberg, N. W. from the Tyrol, forms part of the basin of the Rhine, being drained by the High and bounded on the N. W. by the Lake of Constance. There are many small lakes in the country, but none is of any consequence; the Achensee, in the S., is the principal. The climate is very various. To the N. of the High Alps, and in the intermediate district, or valley of the Drave, it is very servere. Some very extensive mountain tracts are covered with immense glaciers and the accumulated covers of cases. T and in the intermediate district, or valley of the Drave, it is very severe. Some very extensive mountain tracts are covered with immense glaciers and the accumulated snows of ages. The medium temperature of the year at Innsbruck is about 50°; at Botzen, or Bolzano, 57° Fahr. But the narrow valleys in the 8., which unite with the plain of Lombardy, are very hot in summer; and frequently, indeed, experience the strocco. In general, the spring and summer are wet, and autumn is the most arrescable season. most agreeable season.

The central chain of the Alps is composed chiefly of ranite, flanked on either side with a zone of slate, overlapped by limestone: the accompaning ranges on both the N. and S. sides are mostly calcareous. Estimating the total extent of land in the prov. at about 7,000,000 acres, it has been distributed in Becker's Handel's Lexicos, Vienna, 1836, as follows: viz. cultivated or arable acres, it has been distributed in Bccker's Handel's Lexicon, Vienna, 1836, as follows: vis., cultivated or arable land, 536,530 acres; vineyards, 78,636 do.; meadows and gardens, 615,630 do.; commons, 922,593 do.; and forests, 2,767,496 do. making in all 4,920,873 acres; leaving, consequently, above 2,000,000 acres of land occupied by inaccessible mountains, glaciers, and snow-tracts. The products and husbandry in the S. are much the same as in the N. parts of Lombardy. In other parts of the Tyrol, maize, wheat, and pulse are grown in the bottoms, and scanty crops of buckwheat, rye, and oats on the mountain sides; but the produce of corn is insufficient for the consumption. The Tyrol is in fact, like the greater part of Switzerland, a pastoral country: the chief wealth of its inhabs. consisting in their cattle and other live stock. The cattle are kept in the valleys the greater part of Switzerland, a pastoral country: the chief wealth of its inhabs. consisting in their cattle and other live stock. The cattle are kept in the valley throughout the winter, but are in spring driven to the uplands, proceeding higher and higher as the lower meadows become exhausted and the upper divested of snow; and returning again in September. The meadows yielding the thickest grass are set aside for a hay crop. The hay, when cut, is carefully dried under cover, and stored up in sheds; but it is quite insufficient for the winter supply of the cattle, many of which have to be fed on maize stalks, ash leaves, &c. In the circle of Roveredo, and other parts of the country adjoining Italy, a good many silk-worms are reared; and the annual average groduce of silk is estimated at 3,300 centuers. The rearing of canary-birds, though apparently an insignificant branch of industry, is pretty extensively carried on at lmst, and other places in the valley of the lnn; and, in fact, the Tyroi supplies most parts of Europe with these songsters. Among the wild animals are wolves, wild boars, and bears: the clefts of the rocks afford shelter to the marmots; and the chamois finds refuge on the highest summits, or in places secure from the approach of the hunter. of the hunter.

The precious metals and copper are met with; but they are of little importance. Iron and salt are abundant they are of little importance. Iron and salt are abundant in certain districts; and though mining industry be in a rather backward state are produced in considerable quantities. Silk is manufactured in the S.; next to which, iron wire, plates, nails, and other kinds of hardware are the principal products. Leather, linen fabrics, wooden articles (aome of which are executed with great skill and disease much insequire) class answer executed. skill, and display much ingenuity), glass, paper, toys,

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and (at Innsbruck, Imst, &c.) some cotton goods, as produced. But the principal exports are cattle, chass, silk, iron, salt, wine, timber, tobacco, and other reproduce, in return for corn and most sorts of manefactured goods. The inhaba are exceedingly industries, ingenious, and inventive; but the poverty of the coustry obliges them, notwithstanding, to migrate in great numbers; and several thousands annually leave the homes for Swabia, Bavaria, Italy, and more distast countries, where they exercise various functions, as continue for a longer or shorter time till, by dist of economy, they have saved what they suppose will mistain them at home, when they immediately return. A considerable transit trade is carried on across the Tyrolese Alps, between Insbruck and Brixen; and thence to Bolsano and Roveredo. At its highest point this resi Bolsano and Roveredo. At its highest point this real attains to an elevation of 4,634 ft. At the W. extremity of the Tyrol is the famous military road over Mosts Stelvio, rising to the prodigious height of 8,960 ft. above the sea! being the highest elevation of any carriage models.

the sea! being the highest elevation of any carriage road in Europe.

In the official registers of the Austrian empire, Tyrel bears only the appellation of county; but it has its own diet composed of four orders of members—the clerg, nobility, the deputies of the towns, and those of the peasantry, all of whom assemble in one chamber. No new tax can be imposed without the consent of this body; and when it is granted, the sovereign is bound to make an explicit acknowledgment that the states night have refused it had they chosen. In addition to the states, there exists a permanent deputation and tribunal, in which the peasantry are represented. The only imposts are a land tax, payable indiscriminately by all classes, and a charge on the higher classes, consisting of a per centage on pendions, tithes, and rents.

posts are a land tax, payable indiscriminately by all classes, and a charge on the higher classes, consisting of a per centage on pensions, tithes, and rents.

The Tyrol is divided into seven circles, their chief towns being Botzen, Schwatz, Imst, Brunect, Treat, Roveredo, and Bregens; in each of which is a court of the highest judicial tribunal. The pop. is almost wholly R. Catholic, under the superintendence of ten blakops subordinate to the archbishop of Salzburg.

The character of the Tyrolese is said to contrast favourably with that of the Swiss. In the N. or German portion of the country they are neither so fawning or mercenary as the latter; and in the S. they approach the Italian standard in their manners and disposition as well as their language. Though quite as attached to personal and national liberty as the Swiss, the Tyrolese have always been steadfast adherents of Austria; and, next to the archduchy, the Tyrol may be depended upon as the prov. most likely to remain firmly attached to the House of Hapshurg in the event of any future dismensement of the empire. But the Austrians draw little or no disposable military force from the Tyrol. Its inhabe, form an irregular militia, and act with the greatest vigour and alacrity in the defence of their country; but their natural repugnance to a disciplined military life is so great, that all attempts to extend the conscription to this prov. have hitherto proved unsuccessful. Of late, indeed, a part of the regiment of Jägen, raised in the Tyrol for its own defence, has been removed into another prov.; but this measure appears to have produced much dissatisfaction.

The dress of the peasantry is peculiar. The principal finery of the men consists of a straw hat ornaments.

produced much disastisfaction.

The dress of the peasantry is peculiar. The principal finery of the men consists of a straw hat ornamented with ribands and nosegays: the dress of the women consists of a thick and short gown, stockings with cross stripes, and a cap tapering in the shape of a sugar-losf. Music and dancing, rife-shooting and athletic exercises, are the favourite amusements of the Tyroless; in all which they excel.

From the fall of the Roman empire, this region cased to be permanently united under one head till 1288; not

rrom the fall of the Roman empire, this region control to be permanently united under one head till 1398; not long after which period, it passed by inheritance to the dukes of Austria, to whose descendants it has ever since belonged, with the exception of the period from 1806 to 1804. From 1806 to 1809, it belonged to Bavaria. The government of the Bavarians war dispersions were descent.

belonged, with the exception of the period from some list. From 1906 to 1809, it belonged to Bavaria. The government of the Bavarians was, however, very disturbed; and the Tyrolese under Hofer maintained a doubtful contest with them and the French till 1810; when Hofer, having been taken and shot at Mantua, the Tyrol was governed by the French till 1814, when it reverted to Austria. (Asstrian Nat. Energy.: Energhaus; Malite-Brun, &c.)

TYRONE, an inland co. of Ireland, prov. Units having N. Londonderry, E. Lough Neagh and Armagh, S. Monaghan and Fermanagh, and W. Donegal. It contains 754,395 acres, of which 17,314 are unimproved mountain and bog, and 27,361 water, being a fraction of Lough Neagh. Surface in many places, especially on the N. and W., rough and mountainous; but there is, notwithstanding, a large extent of fertile land. Property mostly in very large estates. Farms of various sizes; those in the mountainous districts large, and seldom

mach subdivided. Tillage farms small, and generally held under partnership leases; and it is almost needless to add that wherever this is the case agriculture is execrable. A great deal of work is done by the spade; and where ploughs are used, they are sometimes drawn by horses, buildcks, and milich cows, all yoked together? Fotatoss and eats, the principal crops. Cattle and sheep very inferior. "Tenants may do what they will in regard to the management of their farms, if they only pay the rent." (Poor Inquiry, Append F., p. 323.) Average rent of land, 14s. éd. an acre. Habitations of the bulk of the people extremely mean: they live principally on eatmeal and potatoes, rarely tasting butchers' meat. Linen manufacture pretty generally diffused. A coal mine is wrought between Dungannon and Stewartston, but the coal is inferior. There is a good pottery near Dungannon. This is one of the counties in which lilicit distillation was most prevalent. Principal rivers, Blackwater, Foyle, Baltinderry, with several others of inferior importance.

Tyrone contains 4 baronies, and 35 parishes; and returns 3 mems. to the H. of C., being 2 for the co., and 1 for the bor. of Dungannon. Registered electors for the co. in 1849-50, 1,200. In 1841, Tyrone had 49,19 ishab. houses, 67,337 families, and 312,966 inhabs., of whom 153,463 were males, and 189,433 females.

TYSDRUS or TYSDRA, an ancient and considerable, but now vulned, city of N. Africa, Rec., of Tunis, at present represented by the inconsiderable village of El Jemme, 110 m. S. by E. Tunis, and 30 m. W. by S. the port of Mehadiah, or Africa.

The walls of the ancient town may still be distinctly traced, and it comprises, besides the foundations of temples and other buildings, the mutilated fragments of columns, statues, &c. But the distinguishing feature of the place, and that which gives it all its present interest, is its super's amplitheatre. This noble ruin, the exterior of which is in a high state of preservation, is of vast size and magnificence, being 429 ft. in hei

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UDINE, a town of Austrian Italy, cap. deleg. Udine or Friuli, on the Roja, 60 m. N. E. Venice. Pop., in 1846, 26,700. It is fortified and well built, but, from its situation in a wide and level plain, its external appearance has nothing striking. Its streets are lined with arcades; and in the great square is a fine monument in commemoration of the treaty of Campo Formio (which village is in the immediate neighbourhood). Principal buildings, the cathedral, with some handsome marble columns and bas-reliefs, two par. churches, the chief guard-house, surmounted by a tower and two inon figures to strike the hours, the town-hall, bishop's palece, a good opera-house, &c. The old castle, on elevated ground in the middle of the town, is now a prison. The French, during their occupation, constructed several public walks, and otherwise embellished the town. Udine is the seet of the provincial assembly and superior courts, and has a lyceum, 2 gymnasia, a high school, episcopal seminary and library, a society of agriculture, several hospitals, asylums, &c. The inhabs, are principally engaged in the silk trade, but they also manufacture linen fabrics, leather, paper, and liqueurs. (Aust. Nat. Excyc., &c.).

UIST, NORTH AND SOUTH. See Hebendes.

linon fabrica, leather, paper, and ilqueurs. (Aust. Nat. Exegc., &c., UIST, NORTH AND SOUTH. See Heneroes. UIST, NORTH AND SOUTH. See Heneroes. ULBABORG. a town and seaport of Finland, cap. län, or district of its own name, on a peninsula at the mouth of the Ulea in the Guiph of Bothnia, 68 m. S. S. E. Tornes. Pop. about 3,000. It is regularly built and is, after Abo, the principal commercial town of the prov. Its harbour is, unfortunately, in great part choked up with sand. The chief exports are pitch, tar, fish, and salted butter. It was founded in 1600, and has frequently suffered from fire, by which it was nearly destroyed on May 25., 1892. (Schmitzler, La Russie; Porasrt.)

ULM, a frontier town of Wirtemburg, cap. circ. Da-Vol., II.

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nube, on the Danube where it begins to be navigable, 45 m. 8.E. Stuttgard, and 44 m. W. by N. Augsburg. Pop. about 13,000. It has an antiquated appearance, and, though it has some traffic, a garrison, &c., it is duil. The cathedral, a fine Gothic building, has an unfinished tower, 837 Germ. ft. in height. The body of the building is 416 ft. in length, 165 ft. in breacht, the nave being 182 ft. in height (Srciss), so that it is larger than any other church in Germany. This edifice was erected, between 1877 and 1694, at the sole expense of the citizens of Ulm. It has some beautiful stained glass and carved work, and a tablet commemorating a showman's feat of the Emperor Maximilian, in 1692, who is said to have stood on the parapet of the tower, on one foot, balancing a coach-wheel with the other! Several other buildings are worthy of notice, as the town-hall, government and custom houses, corn-hall, and arsenal. Ulm has a gymnasium, a large and richiy endowed hospital, a female orphan asylum, and the house of correction for the circle. Tobacco pipe-bowls, linen fabrics, leather, paper, vinegar, &c., are made by the linkabs, many of whom also engage in horticulture, boat-building, the transit of goods, and the rearing of smalls for export to Bavaria and Austria. Large quantities of Rheniah, Swiss, and other wines, are brought thither to be shipped down the Danube. Ulm was formerly strongly fortified, and a military post of importance. (Rerghaus; Memminger's Wisternburg; Spenser's Germany.)

In 1805, Ulm was the theatre of some most important military events. Austria, having declared war against France, pushed forward a strong army into Bavaria, under General Mack, who established his head quarters at Ulm. But Napoleon having succeeded by a series of masterly maneuvers in cutting off Mack's communications with Austria, the latter was cooped up in the city with all that portion of his army, amounting to about 16,000 men, that had not already fallen into the hands of the French. Considering

the French. Considering the strength of the place, and the Freuch. Considering the strength of the place, and the numbers of the garrison, a vigorous resistance might have been anticipated; but, instead of this, Mack capi-tulated on the 17th of October, and delivered up the town, and his army as prisoners of war, without so much

town, and his army as prisoners of war, without so much as firing a shot!

ULSTER, one of the provinces into which Ireland is divided, and the most northerly, comprising the cost of Donegal, Londonderry, Antrim, Tyrone, Fermangh, Monaghan, Armagh, Down, and Cavan.

ULVERSTONE, a market-town and par. of England, hund. Lonsdale, co. Lancaster, about 2 m. from the W. side of the embouchure of the Leven in Morecambe bay, on a tract apparently abandoned by the sea, 14 m. N.W. Laocaster. Area of par., 29,100 acres. Pop., in 1841, 9,778. Of late years the town has greatly improved: it has now a neat theatre, two subscription libraries, news and assembly rooms, &c.; and, besides the par. church, Trinity Charch has been erected within these few years. and assembly rooms, &c.; and, besides the par. church, Trinity Church has been erected within these few years. The livings of both are perpetual curacies, in the gift of — Braddyll, Esq.; that of the par, is worth 1491, and that of Trinity Church 1432, a year. The par. church is a handsome modern structure, in the style that prevailed in the time of Henry VIII., with a good altar-piece of the Descent from the Cross, and an E. window of stained glass. There are also meeting-houses for Dissenters, and some public schools of a minor kind. In 1795 a canal was cut from the river Leven, by which vessels of 400 tons cut from the river Leven, by which vessels of 400 tons cut from the river Leven, by which vessels of 400 tons reach a large basin, and load or unload close to the town. The inhabs, principally manufacture cotton goods, can-vass hats, &c., and are occupied in conveying coastwise copper and iron ore, limestone, corn, and slates; the latter being exported in large quantities. Ulverstone belongs to the port of Lancaster. It is the seat of petty sessions for the hundred, and of a county court, before which 349 plaints were entered in 1848.

UNITED STATES (THE), a federal re-public, and the leading state of N. America, and indeed of the American continent, ranking immediately after the great powers of Europe. The U. States claim the sovereignty over a vast portion of the N. American continent, stretching from the Atlantic on the E, to the Pacific on the W., between the British territories on the N. and those of Mexico on the S., and included within the 25th and 49th degs. of N. lat., and the 65th and 125th of W. long., comprising in all an area of above 3,000,000 sq. miles. But large portions of this vast territory have not yet been divided into states, nor even explored; though from the wonderful increase of population and the rapid extension of civilisation it is all but certain that, in no very lengthened period, the entire country from the Atlantic to the Pacific will be distributed into states, and oc-

to exaggerate the intelligence and the enterprise. Physical Geography. - The entire territory belonging to the U. States is divided into four longing to the U. States is divided into four great regions: 1st, the Atlantic slope; 2nd, the vast basin of the Mississippi and Missouri; 3rd, the country between the Rocky Mountains and the Sierra Nevada; and, 4th, the Pacific slope. These divisions are formed by three mountain ranges — the Appalachian chain towards the E., the R cky Mountains in the centre, and the Sierra Nevada on the W. The Appalachian or Alleghany chain is more remarkable for length than height; it extends from the state of Mississippi, N.E. through the states of Alabama, Georgia, Tennessee. N. Carolina, Virginia, Pennsylvania, New York, Vermont, &c., for about 1.200 m., at a variable distance of from 70 to 300 m. from the Atlantic, and consists of several parallel ranges of an average aggregate breadth of about 100 m. The mean height of the Alleghanies is not more than from 2,000 to 3,000 ft., about half of which consists of the elevation of the mountains above the adjacent plain, and the rest of the elevation of the latter above the sca. The White Mountains, in New Hampshire, which belong to this chain, reach a height of above 7,000 ft. The Black Mountain, in N. Carolina, is said to rise 6,476 ft. above the sea; and other summits reach 6,000 ft. and upwards. The Rocky Moun-tains are a prolongation of the great Mexican Cordillers. Their average height may be about 8,500 ft. above the ocean, but some of their summits attain to from 12,000 to nearly 15,000 ft. About 10 or 12 deg. W. from the Rocky Mountains is the great coast chain of the Sierra Nevada, or Snowy Mountains, which extends, under different names and with different altitudes, from the Peninsula of California to Russian America. It is of still greater elevation than the Rocky Mountains; some of its passes (within the U. States) being about 9,000 fc., and some of its summits 15.500 ft. above the level of the sea. The region between these two vast mountain ranges comprises the Eastern and most extensive and sterile portion of Oregon; the great in-land basin of Upper California, elevated from 4,000 to 5,000 ft. above the Pacific, and mostly a desert; and the country drained by the great river, the Colorado, and its affluents. W. of the

Sierra Nevada is the Pacific slope.

The country extending from the Atlantic nearly to the E. bank of the Mississippi, was, in its native state, almost covered by a continuous forest; and the greater part of it still remains in the same primitive condition. The portion of the basin of the Mississippi and Missouri, on their right bank, is by far the most extensive. It comprises, 1st, a tract of low, flat, alluvial, and well-wooded land, lying along the rivers, and stretching in wards from 100 m. to 200 m. or more; and, 2d, the Prairie and wild region, extending from that last mentioned, by a pretty equal ascent, to the Rocky Mountains. The Prairies are of immense extent; but they are not, as is commonly supposed, level. Their surface, on the contrary, is rolling or hillowy, sometimes swelling into very considerable heights. They are covered with long, rank grass; being interspersed in Texas and the S. States with clumps of magnolia, tulip, and cotton trees, and in the N. States with oak and black walnut. The Prairies gradually diminish in beauty and verdure as they stretch towards the W., and become more elevated; till at length they imperceptibly unite with and lose themselves in a desert zone or belt skirting the foot of the

cupied by a people of whom it would be difficult to exaggerate the intelligence and the enterprise. Physical Geography.—The entire territory belonging to the U. States is divided into four great regions: 1st, the Atlantic slope; 2nd, the vast basin of the Mississippi and Missouri; 3rd, the country between the Rocky Mountains and the Sierra Nevada; and, 4th, the Pacific slope. These divisions are formed by three mountain ranges—the Appalachian chain towards the E., the R. cky Mountains in the centre, and the Sierra Nevada on the W. The Appalachian or Alleghany chain is more remarkable for length than height; it extends from the state of Mississippi, N. E. through the states of Alabama, Georgia, Tennessee. N. Carolina, Virginia, Pennsylvania, New York, Vermont, &c., for about 1.900 m., at a variable distance of the surface of the court of the Company of the country
digious magnitude and importance. Of those flowing S. and E. the principal are the Mississippi and Missouri, which, with their tributaries, the Ohio, Arkansas, Red River, &c., give to the interior of the United States an extent of inland navigation, and a facility of communication, usequalled, perhaps, and certainly not surpar in any other continent. (See anti. p. 334.) The Alabama, Appalachicola, &c., flow, like the Mississippi, into the Gulph of Mexico; the Alatamaha, Savannah, Roanoke, Potomse, Susquehannah, Delaware, Hudson, Connecticut, Penobscot, &c., into the Atlantic; and the Oswego, Cuyahoga, Maumee, &c., into the great lakes of the St. Laurence basin. Of the rivers which have their sources W. of the ridge of the Rocky Mountains, and their embouchure in the Pacific, or in some of its arms, the principal are the Columbia, which falls into the Pacific; the San Joaquin and Sacramento, which fall into the great bay of San Francisco; and the Colorado, which, with its tributaries, after draining a vest extent of country, falls into the Gulph of California.

Next to the great Lakes Superior, Michigan, &c., in the basin of the St. Laurence, noticed in separate articles in this work, the largest lake within the limits of the U. States is the Great Sait Lake, in E. California, in the territory of Utah, in about 41° N. lat. and 113° W. long. Lake Champlein, between New York and Vermont, is also of considerable dimensions. Numerous small lakes occur in N. York, Maine, and especially in Wisconsin, and the Minesota territory.

The coast of the Atlantic is indented by many noble bays, as those of Passamaguoddy, Massachusetts, Delaware, Chesspeake, &c.; and several extensive and sheltered inlets are formed by the islands off the coast, the principal of which are Long Island Sound, near New York, and Albemarle and Pamlico Sounds, in N. Carolisa. The coast of the Gulph of Mexico has, also, many valuable inlets and back waters; and there are some, though fewer, on the shores of the great lakes. The great bay of San Francisco, in California, on the Pacific, is one of the finest basins anywhere to be met with. Attogether, the United States are furnished with some of the best harbours in the world.

best harbours in the world.

Climate.— In a country extending through 34 degrees
of lat., and nearly 60 of long., the climate must, of accessity, vary considerably. In the N., along the British
frontier, the winter is very severe; during this season the
snow is sufficiently abundant in the N. England state to
admit the use of sledges, and the ice on the rivers strong
enough to hear the passage of horses and waggons. In
summer, on the contrary, the heat is proportionally oppressive. As far S. as New York, Pennsylvania, New
Jersey, &c., the thermometer fails in winter below zero;
rising, in summer, to nearly 100° Fahr. The climate of

the Atlantic coast, between the 41st and 48th degrees of 1st., is colder in winter and warmer in summer, by nearly 10 degrees, than the parts of Europe under the same parallels; and even at New Orleans, where the summer bests are intense, a winter seldom passes without frost. Snow, however, rarely falls further S. than 1st. 36°, nor is to often seen S. of the Potomae river, except on mountains. (Kweye. Amer.) According to Berghaus, the mean annual temp. of Albany is about 49° Fahr.; of Philadelphia, 51°; of New York and Cincinnati, nearly 34°; of Natcher., 53°; and of Cantonment Brooke. In Florida, 73°. (Alag. Länder, 3c., i. 229.—269.) The prevalent winds are from the N.W., S.W., and S.E. The first is by far the driest and coldest, and predominates in winter. The second prevails throughout the basin of the Missispip for most part of the year, except during shout 2 months of the winter season. The N.E. wind brings moisture, particularly in the N. part of the Union. The rains are much heavier than in most parts of Europa, resembling, rather, the torrents of tropical countries. According to Darby, the mean annual fall of rain in the United States (E. of Mississippi) is about 37½ inches; that of N.W. Europe amounting to 31°32 inches; but evaporation is quicker, and there are more dry days in the year in the United States than in Great Britain.

The temperature in the country along the Partific is a

Britain.

The temperature in the country along the Pacific is a good deal higher than along the corresponding latitudes on the R. coast. The year is divided into two seasons; the wet, extending from April to November, and the dry. In the former, the rains, though not by any means continuous, are frequent and heavy. In the S. parts of the coast the dry season commences sooner and continues longer than in those more to the N. Fegetable Products.—The forests of the E. section of this great territory comprise 100 different kinds of trees, of which 80 are said to attain the height of 60 ft. and unwards. Among them are numerous species of oak, ash, and pine, the hickory and tulip tree, American cypress, and plane; several magnolias, walnuts, &c. In respect to its vegetable products, the country, E. the Rocky Mountains, may be divided into the following regions: rature in the country along the Pacific is

can elm, red and white illows, sugar, and other m yous plants common to N teria: few climbing or pe

Region

Southern:	plane, white codar, fewer willows, sassafras, which hazel, red maple, yellow birch, move climbing and herbacous plants, and many fine flowering aquatios.
from int. 35° to 27°	Many of the foregoing, decideous cypress, Ca- relins poplar, Magnella greatiflers, it we sak, swamp hickory; very many climbug, herba- ceous, and aquatic plants. S. of lat. 27° the character of N. America merges in that of tropical vegetation.
N.; pomegranatoranges, &c., in Maine to Louisi tobacco as far N.	cherries, plums, &c., flourish in the es, melons, figs, grapes, olives, almonds, the & section. Maise is grown from ana, and wheat throughout the Union; as about lat. 40°, and in the W. States on is not much raised N. of 87° though

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8. of Ohio. Cotton is not much raised N. of 379, though it grows to 389. Rice is cultivated in Carolina, Georgia, Louisiana, and as far N. as St. Louis in Missouri. The sugar-case grows as high as 389, but does not thoroughly succeed beyond 310 30°. The vine and mulberry tree grow in various parts of the Union; east, rye, and barley in all the N. and the mountainous parts of the S. states; and hemp, flax, and hope, in the W. and middle states. The cultivation of these crops, &c. will be treated of hereafter.

states. The cultivation of these crops, &c. will be treated of hereafter.

The Assimal Kingdoms comprises the buffile (Bos Americanus), and the musk ox (Bos meschatus). The former, though its numbers have of late years been greatly reduced, is still found in the boundless prairies W of the Mississippi in very large herds. Among the other quadrupeds are the moose, or American elk (Cervus sices), the prong-horned antelope, peculiar to N. America; the brighnian deer, cougar, black and grisly bears, American fox (Fulpes fulvas), raccon, opossum, beaver, skunk, glutton, &c. Among the birds are the white-headed eagle, several vultures, and a great many birds common to the old world, though few of the wading species resemble those of Europe. The alligator (Croc. isscisse) is an antive of the S. states, but does not occur N. of the Carolinas and the Red River. The rattle-enake is among the serpents of the United States, and the sircus is an antive of the muddy pools of Georgia and Carolina. Cod, mackerel, salmon, &c. abound on the shores; and shell-fish are particularly abundant in the rivers of the Mississippi basin. The domestic animels of the States are the same as in Europe. (Encyc. of Grog., Amer. edit.)

Geology and Minerals. — The White Mountains consist of granite, which is also very prevalent in the greater part of New Hampshire and Maine. The Bocky Mountains and the Sierra Nevada consist principally of granite tams and the Serra Nevaua consist principally of grante intermixed with volcanic matter. Sienite, porphyry, and greenstone occur in the N.W. part of the Appalachian chain; gnelss forms the upper regions in New York and New Jersey; most of the mountain summits S. of the Juniata river consist of feucoidal sandstone; S. of the Juniata river consist of feucoidal sandstone; and talcose mica, chlorita, and other states, with crystal-line limestone and serpentine, ite along the W. side of the primary belt, in the middle and S. parts of the Union. Blue limestone, red sandstone, shales, anthracite, coalmessures, and other transition formations, flank these rocks in many places. Secondary strata occupy by far the largest portion of the U. States; but no strata corresponding in date with the new red sandstone or colitic groups of Europe appear to be present. Tertiary formations, many of which abound with fossil remains, have been found in many parts of the Atlantic slope, and it Alabama, &c.; in the S. part of the Mississippi basin; the state of the Mississippi basin; the state of the Mississippi. He was the state of the Mississippi. He was the state of the Mississippi. He regions. The most extensive and remarkable allavial tract is that around the mouth of the Mississippi. If we except a few small insulated fields, all the bituminous coal in the U. States lies W. of the Appalachian chain, where a vast series of coal-beds stretch from the mountains westward through Ohio, Indiana, and Illinois, and parts of Kentucky and Alabama, into the state of Missouri and even as far as 200 m. beyond the Mississippi! Anthractice coal, or that best suited for manufactures, &c., Hea at the N. extremity of this event field, in Pennayle. Anthracite coal, or that best suited for manufactures, &c., bes at the N. extremity of this great field, in Pennsylvania, and in the W. part of Virginia, the E. part of Ohio, and Illinois. The production of the latter has increased with such rapidity, that while the yield of the Pennsylvanian mines amounted, in 1840, to 867,045 tons, it had increased, in 1849, to 3,242,641 tons! At this moment (1850) the entire produce of coal in the U. States may, perhaps, be estimated at about 5,500,000 tons. Numerous salt springs exist in New York, Virginia, Pennsylvania, and the W. states; the produce of those of Onondaga in the former having amounted, in 1850, to 4,268,919 bushels. Iron is distributed most abundantly through the coal measures in Pennsylvania, Ohio, Virginia, Tennessee, &c., where the ore contains from 25 to of Onondaga in the former having amounted, in 1850, 4 268 499 bosshels. Iron is distributed most abundantly through the coal measures in Pennsylvania, Ohio, Virginia, Tennesse, &c., where the ore contains from 25 to 38 per cent. of metal, though it has hitherto been little wrought. It also abounds in the N.W. states, and in one part of Vermont the ore is said to yield 76 per cent. iron. A large proportion of the ore found in this part of the Union is magnetic. The produce of pig iron, in 1840, was estimated at 387,800 tons; and as the make has increased rapidly in the interval, it may now (1880) be probably estimated at 500,000 tons. Lead is next in importance; it is found in various places, especially in Missouri, Wisconsin and lilinois; and its average annual produce may be estimated at about 14,000 tons. In some parts of Wisconsin the lead ore is so very rich as to yield from 60 to 70 per cent. of lead. Copper has been found in large deposits in the state of Michigan, in the peniusula which stretches into Lake Superior. Immense sheets, or walls of native copper, occur in some of the mines in this district; and it is a curious fact that, though only recently re-discovered, they had evidently been opened and wrought at a remote period by the Indiana At present about \$,400 tons copper are annually imported into the U. States. But the probability seems to be that the re-opened mines, which are being wrought with great vigour, will speedily be able not only to supply the home demand for copper, but also to furnish a large surplus for exportation. (Johnston's Notes, &c., 1.
284.) Gold has been found in certain parts of Virginia, both Carolinas, Georgia, and Tennessee; but its importance has been much exaggerated; the value of the quantity produced, which, in 1834, amounted to 838,000 doll-has been found in extraordinary quantities in the rivers and ravines at the foot of the W. slope of the Sierra Nevada, in California; and the fortunes that have been made by many of those engaged in the "diggings" have given such

Mountains.

No account has yet been published, on which it would be safe to rely, of the produce of gold in California. Down to August last (1850), 24,508,454 doll. of Californian gold had been coined at the mint of the U. States and its branches. But this is only a portion of the total supply, very large quantities of buillion kaving been shipped for killer of the country of the total supply, very large quantities of buillion kaving been shipped for killer of the country of the co

future supplies from California differ very widely, and are, in fact, mere guesses. It would appear, however, that latterly the supplies are not increasing; and unless new deposits should be discovered, it is reasonable to suppose, notwithstanding their great extent, that those which are now being wrought will become less and less productive.

Population.— The progress of population in the U. States has been rapid beyond any previous This, however, may be easily explained, from the peculiar circumstances under which they have been placed. They have the good fortune to possess an all but boundless extent of fruitful soil, and a climate which, as it is, speaking generally, neither too hot nor too cold, is most favourable to the exercise of industry; they are, also, well situated for commerce, and enjoy an almost unequalled extent of inland navigation; and at the period of its discovery this vast country, possessing such natural advantages, was occupied only by a few thousand miserable savages. The colonists who left this miserable savages. The colonists who left this country to settle in America had, therefore, after the difficulties incident to the foundation of the first settlements had been got over, unparalleled opportunities for increasing in wealth and population. They carried with them the science and the arts of the most civilised nations of the old world; and they applied them to the culture of a virgin and unoccupied soil. Each colonist got as much land as he could cultivate or occupy without being subject to any charge for lordship or rent, at the same time that his taxes were quite inconsiderable. In fact, all that the colonists had to do was to provide for their internal government, as Britain took upon herself and defrayed the cost of their defence against foreign aggression. She, also, supplied them with manufactured products at the lowest possible rates, so that they were able to apply all their energies to agriculture, which, under the circumstances, was especially profitable. In such a state of things, the demand for labour could not be otherwise than astonishingly great; for a high rate of wages, combined with a facility of procuring land, speedily changes the labourers into landlords, who, in their turn, become the employers of fresh labourers. Under such circumstances every man might enter into matrimonial engagements without being deterred, as in old settled and densely peopled countries, by the fear of not being able to provide for the children that might be expected to spring from them. In America, indeed, and in all similarly situated countries, a large family is a source of wealth; marriages, in consequence, are at once comparatively general and early. And in addition to the extraordinary stimulus thus given to the principle of population in the United States, they have been ever since their settlement a "land of promise," to which industrious and ambitious individuals in depressed circumstances have been emigrating from Europe; and they have, also, been "a city of refuge," in which the victims and the foes of political or religious intolerance have found a secure asylum.

It is true that the progress of population in the ci-devant Spanish colonies has been much less rapid than in the English colonies; but the differences in their situation have not been less considerable than the points of resemblance, and are quite sufficient to account for the different rate at which their population has increased. The Spanish colonies were placed under the most degrading system of civil and religious intolerance; their industry and freedom of action were interfered with in a thousand different ways; and all emigration to them from foreign

countries, and, in fact, all intercourse with the latter, was strictly prohibited. The English colonies, on the other hand, have always enjoyed a remarkably free system of government; their mental and physical energies have been allowed to expand without let or hindrance; and they have been always open to all classes and descriptions of immigrants, not from England only, but from all the world. We need not, therefore, wonder at the more rapid progress of the latter, or at the fact that they have gone on for a length-ened period doubling their population once in every 25 years !

It is, however, to be observed, that this rate of increase, though it prevails at an average of the entire Union, does not prevail in each particular state. Indeed the western are now, in respect to the eastern states, what the latter formerly were in respect to Europe, —a field to which the impoverished, enterprising, industrious, and adventurous are glad to resort. There is, in fact, a constant emigration current setting from the eastern to the western states. And hence, while population is now but slowly increasing, in the old settled parts of the country, it is advancing with unprecedented rapidity in the valley of the Mississippi, and the territory to the W. of that great river. And the fair presumption is that this progress will continue till the country be occupied westward to the Pacific, or, which is the same thing, till the existing facilities for the support and employment of additional inhabitants begin to fail; when new habits and a slower rate of increase will, no doubt, also, begin to manifest themselves. We subjoin a [see table top of p. 847.]

We borrow from the American edition of the Encyclopedia of Geography the following details with respect to slavery in the U. States:—

"Slavery has been abolished in the eastern states, and prospectively in New York, Pennsylvania, and New Jersey, and has never been permitted in the north-western states. By the laws of Pennsylvania, all persons born within that state since 1780 are free, but the children of a slave sive subject to a limited servitude to her owner. In New Jersey, every child born in the state after Julys 4. 1804, is declared to a limited servitude to her owner. In New Jersey, every child born in the state after Julys 4. 1804, is declared to be free, and the traffic in slaves between that and other states was prohibited in 1796. The revised laws of New York declare that every person born in that state is free, and that all persons brought into the state, except for a limited period, become free; and no person can sell any other person in that state. Provision is, however, made in these and the other non-slaveholding states for the delivery of runsway slaves from the other states. The ordinance for the government of the territory north-west of the River Ohio passed in 1787 prohibits for ever the introduction of alaver how the state of the discountry, in which four states have already been formed with this prohibition incorporated in their constitution. The introduction of slaves from abroad was prohibited by Virginia in 1798, and by Congress into the Mississippi Territory in the same year. In 1808 the importation of slaves into the U. States was foredden; and it is believed that the number since clandes-tinely introduced into the country has been very small. bidden; and it is believed that the number since clandes-tinely introduced into the country has been very small. Slavery may be said to exist in thirteen states: Dela-ware, Maryland, Missouri, Arkansas, and all the states S. of the Potomac and the Ohlo. The slaves form rather more than one third of the whole pop, in the states in which the institution exists, but they are unequally dis-tributed, although the white pop, generally predominates. In Missouri, Tennossee, and Kentucky, the whites are to the slaves in the proportion of about 4 to 1; in Mary-land, of about \$ to 1; in North Carolina, of about 2 to 1; and in Virginia, rather less; in Georgia, Alabama, and Mississippi, the whites are little superior, and in South Carolina and Louisiana, a little inferior, in number to the slaves. Louisiana and other states have prohibited the introduction of slaves from the other states, except by an introduction of slaves from the other states, except by an immigrant proprietor; but there is an active traffic in slave carried on between the different states, consisting chiefly in their expurtation from the worn-out tracts of more northern and eastern to the new cotton lands of

the southern districts.

"In the slave-holding states slaves are chattels personal, except in Louisiana, and, with certain qualifications, may be sold to pay the debts and bequests of their master.

Statement exhibiting the Area of the different States and Territories comprised within the limits of the Union in 1850, with the Progress of Population in each from 1790 downwards.

		Armain				Population.			
States and Territori	4 -	Sq. m.	1790.	1800.	1810.	1890.	1830.	1840.	1850.
States.									
1. Maine		35,000	96,540	151,719	228,705	298,335	399,955	501.793	582,026
2. New Hammshire		8.280	141,885	183,856	214,460	244.161	269,518	284,574	318,003
S. Vermont		9,380	85,539	154,465	217,895	235,764	280,652	891,948	314,322
4. Manachusetta	: :	7,300	878,787	422,845	472,040	523,287	610,408	737,699	994,784
5. Rhode Island .		1,330	68,895	69,122	76,931	83,059	97,199	108,830	147,549
6. Connecticut	: :	4.700	237,946	251,002	261,942	275,248	297,665	309,978	870,913
7. New York	: :	45.650	340,120	586,050	959,049	1,372,512	1,918,606	2,425,921	3.098.818
R. New Jersey		6,900	184,139	211,149	245.562	W77 676	320,823	373,306	489,910
9. Pennevivenia		46,950	431,373	602,545	810,091	277,575 1,049,313	1,348,133	1,794,033	2,311,204
		2,070	59,096	64.273			76,748	78,083	
10. Delaware -					72,674	72,749		460.080	92,609
11. Maryland -		10,800	319,798	345,894	380,546	407,350	447,040	469,282	583,016
12. Virginia		65,000	747,610	880,900	974,622	1,065,366	1,911,405	1,239,797	1,400,000
13. North Carolina		51,000	893,961	478,103	555,500	638,819	757,947	753,419	760,000
14. South Carolina		31,000	249,073	845,591	415,115	502,741	581,185	594,398	630,000
15. Georgia		38,000	82,548	162,686	252,433	340,989	516JR23	691,392	990,000
16. Florida -		84,500			• •	• .	34,730	54,477	67,000
17. Alabama -		81,770	13 1	8,850	40,352	£ 127,901	309.527	590,756	770,000
18. Mississippi -		47,000	-	8,830	40,30%	75,448	136,641	875,651	640,000
19. Louisiana		48,500			76,556	153,407	215,789	352,411	450,000
20. Texas					,				150,000
21. Arkanese		80,000			1,062	14.273	30,386	97,574	195,000
22. Tempessee		43,260		105,60%	261.727	420,513	681,904	829,210	1,050,000
23. Kentucky	: :	39,000	73,677	220,959	406.311	564,317	687,917	779,528	993,000
24. Obio	: :	38,850	,	45,365	230,760	581.484	937,903	1,519,467	1.981.940
		60,300		551	4,762	8,896	31,639	212.267	397.576
		35,100	1: :		24.520		843,031	685,866	990,218
26. Indiana		30,100		4,651		147,178	367,031	476,183	
27. Illimois		59,000		215	14,292	66,811	157,155		850,000
28. Missouri -		61,000			19,783	66,586	140,445	383,702	681,547
19. lowa		\$1,000						45,112	192,000
30. Wisconstn -		54,000	1					30,945	205,596
31. California -		1 ?			·		1 •	•	200,000
District of Columbia		100		15,093	24,023	33,039	39,834	43,712	11
Territories.		1	I	!	1	l .	1	I	201,485
1. Oregon		1 >	1	ł	1	l	I	I	[] XU1,483
2. Minesota -		1 2	I	I	1	i	1	1	11
S. Utah		1 >	ı	I	l	I	I	I	11
4. New Mexico -		>		ı	I	l	I	ī	IJ
Totals			3,919,318	5,309,758	7,239,903	9.638,166	12,866,930	17,062,566	23,138,454

^{*} Some of these returns are only approximative.

Slaves. Of the 23,138,454 inhab. belonging to the U. States in 1850, no fewer than 3,067,286 were slaves. Wa subjoin an

Account of the Number of Slaves in the different States and Territories comprised within the Union, at the different Enumerations from 1790 downwards:—

- State			1790.	1800.	1810.	1820.	1830.	1840.	1850.
New Hampshire -	•		156	8	•			1	
Vermont -	-	- 1	17	ł					
Rhode Island -	•	-	952	381	105	48	17	. 5	•
Connections.			2,759	951	310	97	25	1.7	
New York -		- 1	21,394	20,343	15,017	10,088	75	- 4	
New Jersey -	-		11,428	12,422	10.851	7.657	2,254	674	52
Pennsylvania -	-		3,787	1,706	795	211	403	64	
Delaware	-		8,887	6,153	4.177	4,509	3,292	2,605	2,332
Maryland -	-	- 1	103,036	106,635	111,602	107,398	102,194	89,495	90,355
Virginia	-		203,427	345,796	392,518	425,153	469,757	448,987	460,000
North Carolina -	-		100,572	133,296	168.814	205,017	245,601	245,817	9280.000
South Carolina -	-		107,094	146,151	196,365	258,475	315,401	397,038	350,000
Georgia •	-		29,264	59,404	105,218	149,656	217,531	250,944	366,000
Alabema -	-	-		I • ` •	,	41,879	117,349	255,532	330,000
M lealestppi -	-			3,489	17.068	32,814	65,659	195,211	320,000
Louisiana		- 1			34,660	69,064	109,588	168,452	200,000
Arkansas -					,	1,617	4,576	19,935	45,000
Tennesses -			3,417	13,584	44,535	80,107	141,603	183,059	250,000
Kentucky -			11,830	40,343	80,561	126,732	165,213	182,238	211,000
Obio	_	- 1	,	1			,	3	,
Michigan .				I : :	24		32		
Indiana	_			135	237	190		8 1	
Illinois -		1		l . •••	168	917	747*	331	
Missouri -		-			3,011	10,222	25.081	\$6,210	91,547
District Columbia		1		5,244	8,393	6,377	6,119	4,694	
Florida	_			,	- 0,000		15,501	95,717	22,000
Wisconsin -				1			,	- ii	,
lows -		- 1	- I	1 []				16	
Texas .		- 1							50,000
District of Columbia	and Terr	ltories		: :					3,500
Totals		- 1	697,897	893,041	1,191,364	1,538,064	2,009,031	2,487,113	3,067,286

^{*} Not slaves, but " Indented coloured serves

Slavery is hereditary, and the servitude of the mother determines that of the child. When a coloured person claims to be a freeman, the burden of proof is thrown upon him, his colour being, d priori, a sufficient indication. There are in the same penalties as those of whites, but the master or overseer may punish minor offences by flogging; for greater offences, the slaves are fried by justices of the peace and from two to five freeholders. They are members of the panel same the freeholders. They are members of the family, and they are generally allowed to attend public worship, which must be conducted by a white. There are in all the states restraints upon manuly and hite. There are in all the states restraints upon manuly and their carnings in ormanents. It is a sufficient proof of their general ease in this country, that their numbers

have increased with amasing rapidity, and that many of them live to a great age. 'All those,' says Paulding, 'who have visited the states in which slavery prevails, whatever may have been their previous impressions of the horrors of that condition, must have been struck with the uniform hilarity and cheerfulness which prevail among the blacks. 'Labouring generally in large numbers together, they partake of the influence which companionship always exercises over man, the most social of all beings. In the meadows and harvest fields they lighten their labours by songs, the measures of which accord with the strokes of the cradile and scythe; and in whatever employment they may be associated, they are always joking, quissing, or bantering each other. The children enjoy a life of perfect case, and are maintained by the products of the iand which belongs to them and theirs. The parents, being freed from all anxiety or exertion for the present or future support of their offapring, are never beset by the gnawing cares of the free white man, whose whole life is one continued effort to provide for himself and his children. The aged and infirm are also taken care of by the master, either from the dictates of his own humanity, or the obligation imposed on him by law.'

im by law."

"The slaves do not work on Sundays, and they have generally several days at Christmas, Easter, and Whitsuntide, and often other holydays. The usual hours of labour are from sunrise to sunset,—with about two or three hours' intermission at breakfast and dinner, according to the season and the nature of the work; they frequently gain a day by doing the task of three days in two, and women with a certain number of children are allowed some further indulgences. Their food and clothing vary in different sections of the country, but they generally receive from nine to twelve quarts of indian corn a week, with bacon and salt fait; instead of the corn, a busiled of sweet potatoes or two pects of paddy are given by way of change, and on the rice plantations rice is the principal article of food. For clothing each man receives six or seven yards of woollen cloth, each woman five or six, and the children in proportion; a new blanket is given to each grown person, and one for every two children, once in two years, and in winter a handkerchief is given to the women, and a cap to the men. A suit of cotton or linen clothes is also allowed in summer. On every plantation there is a nurse, and the overseer has a chest of medicines. The marriages of the slaves are merely a connection subsisting during pleasure. Their amusements are chelefy muste and dancing, many of them being able to play and sing in a rude manner."

But this, though on the whole a pretty fair.

But this, though on the whole a pretty fair statement, certainly sets the condition of the slaves in too favourable a point of view. The truth is, that the American legislators have done but little for the protection of the slave against the tyranny and caprice of his master; and that little is in a great measure defeated by the prejudices of the people, and the difficulties which the partiality of the law throws in the way of getting evidence sufficient for the legal conviction of a master of whose guilt no doubt can be entertained. We do not, however suppose that acts of cruelty and ill treatment are more common in the U. States than in most other countries where slavery exists; but it is talle to imagine, where there is such tremendous power on the one hand, and not hing but abject submission on the other, that the former should not be sometimes abused.

But if the treament of slaves by their masters be, on the whole, favourable, nothing can be said in favour of their treatment by the law. Whether it be that the rapidly increasing magnitude of their numbers has alarmed the legislatures of the states in which they are most numerous, or that they are resolved that slavery shall be maintained at all hazards without any relaxation, certain it is that the legal condition of the slaves has, in most of the slave-holding states, been latterly altered for the worse; and that few or no measures have been taken either for their moral or religious improvement. In 1830, the legislature of Louisiana passed certain laws in relation to slaves, in which, among other things, their instruction in reading and writing is expressly forbidden; and in which the penanty of death, or of imprisonment at hard labour for life, or, at least, for three years, is denounced against every

one who shall print, publish, or distribute anything "having a tend-ncy" to create insubordination among the slaves, or who shall use any language in any public discourse from the bar, the bench, the stage, or the pulpit, or in private, having the above-mentioned tendency! (Stuart's America, ii. 208.) And laws of an equally severe character have been enacted in most of the other slave-holding states. People of colour, including all who have any taint, how slight soever, of African blood, are, also, almost everywhere treated with contempt, and are deprived of various privileges enjoyed by the whites.

It is as impossible to foresce, as it would be presumptuous to conjecture, how this state of things may terminate. It seems, however, to be reasonable to suppose, seeing the rapid growth of the black population, that it will be extremely difficult to maintain the existing constitution of society, without incurring the most imminent hazard of servile wars and of the most formidable ou rages. But it is easier to point out the pro-bable consequences of maintaining the present order of things, than to suggest the means by which they may be obviated. This is a problem that has puzzled, and will, no doubt, continue for a lengthened period to puzzle, American legislators and philosophers. But, perhaps, on the whole, the best and safest plan would be gradually to modify the severity of the laws against blacks, to hinder the separation of families, to endeavour to improve their moral and religious habits, to enable them to accumulate a little property, and to train them up for that entire or modified emancipation which sooner or later most likely awaits them. The subject, however, is one that should be approached with extreme caution. And though we do not state it in the view either of justifying the existence of slavery or of extenuating the abuses to which it has given rise, it will, we apprehend, be found to be impossible to continue the cultivation of the southern states on the same scale and with the same vigour that it is now con-ducted without the aid of slaves of one kind or other. The climate is too hot and the labour too severe to be voluntarily undertaken. It has, we are aware, been alleged, over and over again, that slavery has retarded the progress of Virginia, the Carolinas, and other S. states. But there is really no foundation whatever for this allegation. New York and the middle and northern states. that have so rapidly advanced without the aid of slaves, are placed under totally different circumstances. They are to Louisians, Alabama, Missispipi, &c., what England is to Jamaica. Branches of industry suited to the one are not suited to the other; and that field labour which may, without difficulty, be carried on in the New England states, New York, and Pennsylvania, would be oppressive and all but intolerable in the states lying along the Gulph of Mexico. But, as stated above, we do not mention this in windication of slavery, or as an apology for the cruelties of slave-masters. This probable consequence of the abolition of slavery should, however, be kept in view by those who would fairly estimate its real influence. The dangers of rebellion, anarchy, and bloodshed, are not the only con-tingencies American statesmen bave to guard against in dealing with the blacks; they must, also, keep in view the probable influence of their acts on the productive energies and trade of the country; and should endeavour, in as far as possible, to combine with the maintenance of the latter a proper respect, for the rights and interests of humanity

Whatever may be the influence in other reects of the strong prejudice entertained in the U. States by the Whites against the Blacks, it has, at all events, the good effect of preventing any very extensive admixture of the races; and, consequently, of preserving the European blood in a state of comparative purity.

The rapid increase of population, and particularly the continual extendion of the white settlers further W., will, continual extendion of the white settlers further w., will, continual excession of the white settlers further W., will, ere long, go far to extinguish the native races. The Sloux Ind ans, estimated at 27 000 or 28,000, still hold their ground W. of the Mississiepi; and nearly all the region from that river to the Rocky Mountains, and from the Arkansas to the head waters of the Missouri, are the Arkansas to the head waters of the Missouri, are inhabited by nations more or less connected with them; but of the tribes formerly inhabiting the country E. of the Mississippi, few remnants exist. Of the Iroquois and Algonquins, there are now estimated to be only about 8,000 individuals in all, chiefly in New York, and the New England States. Further S. a few Cherokees, Chicksaws, &c. still occupy their original seats; but a war of externmention has been latterly carried on against the Indians of Florida, provoked in a great measure by their hoatility to the whites; and it is stated, that, "from the Tennessee to the Lukes, and from the Desmoines to the Gulph of Mexico, scarcely a drop of Indian blood remains within the limits of the States." (Enege. of mains within the limits of the States." (Encyc. of Geog.) The Indians who remain within the States are allowed to retain their own government, laws, &c., but inducements have been held out to them either to bebut inducements have been held out to them either to become citizens of the states in which they reside, or to emigrate to the Platte country, W. of Arkansas and Missouri, where lands have been provided for the purpose; and where they are supplied with agricultural implements, and other necessaries of civilised life. In 1836, about 31.300 Indians had migrated hither; and the number remaining within the States at the same period was estimated at rather more than 150,000.

Lend and Agriculture.— In the N. States, extensive landholders are not common; and where they exist, a great part of their possessions is unproductive. The soil is chiedy cultivated by its owners, who in many respects resemble the tenants of Scotland, and often perform a great portion of the manual labour of the farm. But in many parts of the country, which have been long But in many parts of the country, which have been long

But in many parts of the country, which have been long settled, the farmers are opulent, and hire a good deal of labour; and in the more recently settled tracts they do lanoif; and in the more recently settled traces they do not labour hard after the first 3 or 4 years from their settlement. (Shirref's Tour in N. America, p. 340.) In the S., estates are larger; and in the rice plantations of Louisiana, a single field sometimes comprises 300 or 400 acres! (Flimt.) The price of land is very variable: mear Philadelphia land of fine quality and in high condition may be had at from 100 to 120 dollars an acre; but there produce of all kinds fetches a high price; and the straw of a wheat crop has been sold at 30 dollars per acre. In some parts of New York, as near Canandaigua, 25 doll. an acre is asked for fine cleared land; but in other parts of the same state land is sometimes sold by auction at 14 doll.; and Mr. Shirreff attended a sale in New York at which 25,000 acres in the co. St. Lawrence were knocked down in one lot at 1s. 14d. sterling per acre 1 (Shirregt, p. 316.) Almost every farmer in the E. states who has a family, or is in straitened circumstances, is willing to sell his land, and move to the W. states, where he can has a family, or is in straitened circumstances, is willing to sell his land, and move to the W. states, where he can obtain soil of an equal or better quality, and in a finer climate, usually at one twentieth part of the price. In Michigan, &c., though the prairie lands sometimes fetch from 3 to 6 doils, an acre, the government upset price is noily 18 doil; and the rich land in Illinois, and elsewhere in the Union, is often to be had at the same low rate. The terms of rent, at least in the N., are almost equally variable. Near towns, and in thickly peopled districts, a small rent is pald in money, and a lease of several years taken. In remote situations, land is commonly let in shares from year to year. If the owner of the soil furnish seed and labouring animals, he gets two thirds of the produce; if the tenant supply animals and seed, the landowner gets one third. But terms may vary according to situation, soil, and crop." (Shirrd's N. Amer., passion.)

The quantity of land unoccupied within the U. States is of proligious extent. The cleared land is, indeed, quite inconsiderable, as compared with the whole surface. In the country E. of the Alleghanies, which, however, is but of very limited extent, all the land worth occupying belongs to private individuals. But even of this, a great part is covered with forest; and in all situations near a village, or where there is ready access to water-carriage, forest land is more valuable than that which has been cleared, fuel, in many places, having latterly become very dear.

fuel, in many places, having latterly become very dear.
Except on the banks of the rivers, the soil E, of the mountains is generally so inferior, that much of the land covered with wood is not worth cultivating; and should the trees be cut down, it is likely to remain in pasturage,

or be preserved as a forest for the production of new trees. The price of farms, however, varies from & t. to 30% an acre, according to the quality of soil, buildings, and situation. This part of the States has a comparatively abundant supply of labour, and a ready market for all kinds of produce. Market-gardening and dairy husbandry are here the most profitable branches of industry. The soil W. of the Alleghanies is generally much superior to that on their E. side; and large tracts produce, for a while at least, Indian corn and wheat without manure. Almost all the land in the E. part of this region belongs to private individuals, though a large proportion be still covered with forest trees. On the W. side of the Mississippl, the greater part by far of the country is public beiongs to private intilivations, though a large proportion be still covered with forest trees. On the W. side of the Mississippi, the greater part by far of the country is public property; but in either case great quantities of land are always in the market. Labour can generally be had, except in the extreme W. Farm produce is in constant demand, and prices are regulated by the markets of New Orleans, to which it is sent by the Mississippi; these being in part governed by the prices on the E. coast, and in part by those of the Havannah and other great W. Indian ports. Manures are seldom used except near the larger towns. The price of farms of an equal quality of soil vary according to their distance from the means of transport, from a dollar to 124 the acre. The money wages of labour may be stated to be nearly the same from the B. to the extreme W., any difference being towards a rise in the W. But land is there so cheap, that every prudent labourer is able to purchase a farm for himself in a year or two, and it is only the imprudent who continue labourers. (Shirreft, 286–288.)

Speaking generally, agriculture is little known

Speaking generally, agriculture is little known as a science in any part of America, and but imperfectly understood as an art; and it could not rationally be expected that it should be other-In all those countries in which, as in the greater part of America, portions of fertile and unoccupied land may be obtained for little more than a nominal price, the invariable practice is, after clearing and breaking up a piece of land, to subject it to a course of continuous cropping; and when it is exhausted, to resort to some other tract of new ground, leaving that which has been abandoned to recover itself by the aid of the vis medicatrix natura! But in those parts of the Eastern or Atlantic States that have been long settled, and are fully occupied, this scourging system can no longer be advantageously followed; and there, consequently, a better system of agriculture is beginning to be introduced; and a rotation of crops, and the manuring of land, are practised sometimes with more and sometimes with less success. Still, however, it s certain that even in the best farmed districts sgriculture is in a very backward state; and, except where the land is naturally of a very superior quality, the produce is scanty indeed, compared what is obtained in this country. In illustration of what is now stated we beg to subjoin

n Account of the average Produce per Acre of the Corn Crops in the State of New York, as published in a late Report by the "State Agricultural Scienty," in Contrast with what is believed to be the Produce of similar Crops in this Country.

	Produce.	New York.	England.
Wheat	bushels per acre	14	80 or 82
Barley		16	82
Oats *		26	40
Indian co	m — !	25	none

It results from this statement that the returns per acre are about twice as great in this country as in New York, which has some of the best which is supposed to be the most productive of all the states, the results are similar, the produce of wheat and barley in it being respec-tively 152 and 24 bushels an acre. It is true, no doubt, that these returns may be increased; but this can only be done, if it be done at all, by the employment of greater capital and skill in the culture of the land. And in the meantime the New York farmers, and those of the other Atlantic States, have to withstand the competition of their neighbours in the newly-formed states on the Mississippi and Missouri, where the best land is subjected to the scourging treatment already referred to. But in these states, though the land be cheap, the produce per acre is, in most cases, very small. In Michigan, for example, it appears, from a return published by the state legislature in 1849, that the average produce of wheat per acre does not exceed 10 and 1-5th bushels, being less than 9 bushels an acre when seed is deducted! It would further appear from the best attainable information on the subject, that if we take the produce of the new states generally at 12 or 13 bushels per imp. acre, we shall not be within, but beyond, the mark. And though it be very difficult and, perhaps, impossible, to anticipate with any degree of confidence what may be the ultimate result of this infer-tility, or in what degree it may be defeated or modified by future discoveries and improvements, we are, in the meantime, disposed to concur with Mr. Johnston in thinking that the wheat-producing powers of the U. States have been greatly exaggerated; and that at no very distant period their exports of wheat and flour will, if they do not cease altogether, become comparatively inconsiderable.

In the course of 25 years from this date the pop. of the Union will most likely amount to or exceed 46,000,000; and what with this enormous increase in the demand for corn, and the abusive treatment to which the land is subjected, we see but little ground for the fears so generally entertained in regard to the injury to be inflicted on the agriculture of Europe, and especially on that of England, by the importation of American corn. It is not so much, indeed, in the im-portations of wheat and flour as in those of maize or Indian corn, that the importance of the American supply has latterly been manifested. And these have been mainly occasioned by the failure of the potato crops, and the wretched state to which the pop. dependent on them has been reduced. Very few of those who have been consumers of wheat, barley, or oats, have resented to Indian corp. And the presumention resorted to Indian corn. And the presumption is that it will rarely be imported in large quantities, except when the potato is deficient, or to supply those who have no means of obtaining

the higher-priced varieties of corn.

"I have said," says Mr. Johnston, "that the wheat-exporting capabilities of the Union are lessening rather than increasing, though it may be 10 years or more before the falling off be-comes very distinctly sensible. The main reacomes very distinctly sensible. The main reasons for this opinion are: 1st, That the virgin soils are already, to a considerable extent, exhausted of their first freshness, and that a comparatively expensive culture, likely to make corn more costly, must be adopted, if their produc-tiveness is to be brought back and maintained; 2nd, that the new settlers live poorly and hardly at first, and, as their wheat is the only thing that they have to sell, confine themselves for some seasons to potatoes, buckwheat, and Indian corn, and send the wheat to market; but as they become more easy in their circumstances, retain more of this grain for their own consumption, while they produce it also at a greater cost; and 3d, that as the population increases, that of wheat-consuming individuals, who do not raise their own food, increases also, and thus every year a larger proportion of wheaten food will be required and retained at home." (Notes, &c. ii. 336.)

* See his valuable and important work, Notes on N. America, Agricultural, Economical, and Social, 1. 172., il. 334., &c.,

According to the official returns, which, however, are but little to be depended on, there were raised in the Union, in 1848, 114,475,000 bushels of potatoes. Near Philadelphia, and in many other parts of the Union, Mr. Stuart says that, in appearance at least, the farms and buildings are like those seen in England and Scotland, except that thorn hedges and other fences are often wanting. The official returns make the total produce of wheat in the Union, in 1848, 126,964,600 bush., or 15,795,575 quarters.

Maize is the great staple of American husbandry, and it grows on soil, not particularly rich, as respects other products, for a succession of years, without manure, in all the vigour and luxuriance of an indigenous plant. It has been justly called the "meal, meadow, and manure" of the farm, as it is used for both human food and the supply of the farm stock in winter; and furnishes more nourishment for man or beast on a given space, and with less labour, than any other bread-corn. But it is not successfully cultivated beyond lat. 430 N., where it begins to be superseded by the grains of Europe. The total produce of maize in the Union, in 1848, was estimated at 588,150,000 bush. Tennessee is the principal maize-growing state; and next to it are Ohio, Kentucky, Indiana, Illinois, &c.
The surface of the New England States is

often hilly, and the soil rocky, or of the most inferior kind of sand. The principal crops are oats for horses, &c., and rye for distillation; the corn produce of these states being insufficient for the support of their inhabs. Boston, the largest corn and flour importing port in the Union receives nearly all her supplies of these articles from the S. states. We subjoin, [see table ton

of p. 852.]
The entire produce of the corn crops in the Union, in 1848, was reckoned at

126,364,600 6,222,060 185,500,000 Bushels of wheat barley oats -32,952,500 rye - -buck-wheat 12,538,000 Indian corn 588,150,000 Total bushels of grain -951,727,150

Tobacco is grown from lat. 39° or 40° throughout all the S., and in a part of the W. states; it is a staple product of Kentucky, Tennessee, Maryland, Virginia, and Missouri. The tobacco of the U. States is of very superior quality; but it is a crop which scourges the land, and the labour attending its cultivation is very severe. [See Virginia.] Its agg. produce in 1848 was estimated at 218,909,000 lbs.

Cotton and rice are the great staples of the S. part of the Union: the former has even supplanted the culture of tobacco in some of the cos, of Virginia.

A little cotton had been raised for domestic use in the Southern states, previously to the revolutionary war; but its produce was quite inconsiderable. In 1791 it began, for the first time, to be exported; the trifling quantity of 189,316 lbs. having been shipped in the course of that year, and 138,328 lbs. in 1792. Such was the late and feeble beginning of the American cotton trade! And we are warranted in saying that there is nothing in the history of industry to compare with its subsequent progress and extension, un-less it be the growth of the manufacture in this country.

American cotton, the produce of the Gossypium herbaceum, is of two kinds, generally known by the names of sea island and upland. The former

An Account of the Shipments of Whest and Flour, Indian Corn and Meal, &c., from the U. States, in the Year ending the 80th of June, 1849, abowing the Countries for which the Shipments were made, and the Quantities and Values of those for each Country.

Whither Buported.	4	Wheel.	Plous.	ij	Jadles Cops.	S.	Indian Meal.	K et	Rye Mesi.	į	Rye, Oats, and other small Grain and Pulse.		Ship Brend.	
Sweden and Swedth Wes Indies Danish Wes Lindes Holland Foursa Foursa Foursa Duch (Res Indies Duch (Res Indies Duch (Res Indies Foursa Foursa Regimn 10.00	1000.184 1.000.184 1.000.184 1.20.386 110.386	######################################	######################################	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	######################################	2,598 6,799 6,790 1,598 1,	1,007 1,00 1,00	1,5,500 1,5,500 1,5,500 1,5,500 1,5,600 1,5,600 1,5,600 1,5,600	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	### 387252252	\$ 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	# 150 W 161	
Totals	1,987,634	1,756,848	2,106,013	11,280,563	15,867,500	7,966,869	406,169	1,169,625	64,830	\$18,848	159,195	111,578	\$15,18	364,518
				Total	raine of export	of corn, dep.	Total value of exports of corn, Sto., in 1848-49, \$ 22,596,725.	12,596,783.						

it is seen from the above table that the U. Eingdom and the British Colonies are the great markets for the corn, flour, &c., of the Union. She also supplies us with wast quantities of provisions. (See post, p. 884.)

of the principal Corn Crops raised in the States in 1848, as ascertained by Mr. Burks. Commissioner of Patents. An Official Account of the Produce

States a	nd T	'erritor	ies.		Bushels of Wheat.	Bushels of Barley.	Bushels of Outs.	Bushels of Rye.	Bushels of Buck-wheet.	Bushels of Indian Corn.
Maine .				_	900,000	290,000	1.000.000	200,000	80,000	3,/101,000
New Hampshir		-	-	1	640,000	184,000	2,500,000	500,000	175,000	2,600,400
Massachusetts		-	-	1	260,000	175,000	\$,300,000	750,000	145,000	3,800,000
Rhode Island	Ξ.		-	- 1	4./00	55,000	220,000	55,000	5,000	Shirts, chiego.
Connecticut	-	_		- 1	130,000	80,000	2,000,000	1,500,000	500,040	3,400,000
Vermont	-			- 1	680,000	(100,00	3,500,000	370,000	350,000	2,500,000
New York	_				15,500,000	4.300,000	28,000,000	4,000,000	3,860,000	17,500,000
New Jersey	-		-	- 1	1,200,000	12,000	5,800,000	3,300,000	1,000,000	9,000,000
Penneyivania	:	-			15,400,000	155,000	90,000,000	15,500,000	3,800,000	21,0:40,000
Delaware	_			1	450,000	4,500	700,000	65,000	16,000	3,450,000
Maryland	_		-	- :	5,150,000	3,000	2,900,000	1,900,000	120,000	8,×00,000
Virginia -	:	-			17,250,000	94,000	11,0:0,000	1,800,000	270,000	38,000,000
North Carolina					2,450,000	4,200	4,000,000	300,000	20,000	26,000,000
South Carolina				- 1	1,400,000	4,800	1,250,000	60,000		15,300,000
Generale -	-	-			2,100,000	12,600	1,500,000	50,000		27,000,000
Alahama	Ξ.		-		1,300,010	7.800	1,000,000	85,000		\$8,000,000
M ississippi	-	Ξ	- :		550,100	2.260	1,500,000	30,000		17, 00,000
Louisiana	Ξ.			-	Surge	,	- Joseph -	2,500		10,600,000
Tennesse	_	- 1		-	9,000,000	6,400	10,500,000	400,000	\$4,000	76,600,000
Kentucky	-	-			1,500,000	20,000	15,000,000	2,800,000	18,000	65,000,000
Oble -	_	-			20,000,000	200,000	30,000,080	1,250,000	1,500,000	70 LIGHT 400
Indiana		-			8,500,010	42,000	17,000,000	300,000	110,000	45,700,000
Illimais .	-				5,400 000	120,000	5,000,000	170,000	150,000	40,000,000
Missouri -	-	_	- 1		2,000,000	15,000	7,000,000	90,000	80,000	25,000,000
Arkenese	-				500,000	1,100	300,000	12,000		8,000,000
Michigan	-		·		10,000,000	200,000	6,000,000	100,000	310,000	10,000,000
Florida -	-				20,000,000		13,000	200,000		1,250,000
Wieconsin	Ξ	Ξ		- 1	1,600,000	85,000	2,500,000	10,000	40,000	1,500,000
lowa .	-	-		-	1,300,000	40,000	1,500,000	15,000	25,000	3,500,000
Тота			- :	- :	1,300,000		-,000,000	20,000		1,800,000
D. of Columbia	_	-	-		20,000	1	17,000	8,000	I	50,000
Oregon -	-	•	•	•	100,000			,		1,000,000
Total, 184			_		126,364,600	6,222,050	185,500,000	82,952,500	12,538,000	\$88,15Q,000
Total, 184		-	•	_ [114,245,500	5,649,930	167,867,000	20.272.700	11,673,300	539,350,000

grows along the low sandy islands off the shores of Carolina, Georgia, &c. It is long in the staple, has an even silky texture, a yellowish tinge, is easily separated from the seed, and is decidedly superior to every other description of cotton hitherto brought to market. Unluckily, however, it can be raised only in certain situa tions; so that its quantity is limited, and has not, in fact, been at all increased since 1805. At present 97 or 98 per cent, of the cotton produced in the United States consists of what is denominated upland, from its being grown on the comparatively high ground at a distance from the coast. Though of varying qualities, it is all short-stapled; and its separation from the seed and pod, if attempted by the hand, is so very difficult, that the cotton is hardly worth the trouble and ex-This, however, was the only way in which it could be made available for home use, or exportation, in 1791; and had any one then ventured to predict that 10,000,000 lbs. of upland cotton would ever be exported, he would have been looked upon as a visionary. But the genius of Mr. Eli Whitney did for the cotton planters of the United States, what Arkwright did for the manufacturers of England. He invented a of Geog., on good lands, frour 250 to 300 is machine by which the cotton wool is separated and on inferior lands from 125 to 150 lbs. from the pod, and cleaned with the greatest subjoin

ease and expedition; and in this way may be said to have doubled the wealth and industry of his countrymen. (Pitkin's Statistics of the United States, p. 109, ed. 1835.) Mr. Whitney's invention came into operation in 1793; and, in 1794, 1,601,760 lbs., and, in 1795, 5,276,300 bla. of cotton were exported. The effect of the machine has been, like that of Arkwright, all but miraculous. The exports of cotton from America, during the year ending the 30th of June, 1849, reached the enormous amount of 1,026,602.269 lbs.; worth, when shipped, 66,396,976 dollars! And it is not going too far to say that, had not Whitney's or some equivalent machine been invented, there is no reason to think that the exports, during the above year, would have exceeded 50,000,000 lbs., if so much, so that the existence of the other 976,000,000 lbs., with the greater part of that retained for home consumption, may be ascribed to Mr. Whitney's machine, as to its real source and origin. Am rican cotton is generally exported in bales, firmly packed, and containing each from 390 to 455 lbs. The quantity of cotton produced per acre varies, according to the American edition of the Excyc.

An Account of the Export of Cotton from the U. States, in each Year, from 1821 to 1850, both inc.; showing, ales, its Price per lb., and its Gross Value.

Years.	Exports in lbs.	Average Price per ib.	Total Value.	Years.	Exports in lbs.	Average Price per lb.	Total Value.
PER SE	F70. J770	Cents.	Dolla.	70.00		Cents.	Delly.
1521	124,893,405	16.2	20,157,484	1836	425,631,307	16·8 14·2	71,254,985
1822	144,675,095	16.6	24,035,058	1837	444,211,537	14.2	65,210,102
1843	173,723,270	11.8	20,445,520	1838	595,952,267	10-3	61,556,811
1874	142,369,663	15-4	21,947,401	1839	413,624,912	10-8	61, 234, 962
1825	176,449,907	50.9	36,546,649	1840	745,941,061	8.5	65,870,307
1896	204,535,415	12.2	25,025,214	1841	530,204,100	16-9	54,530,541
1827	294,310,115	10	29,359,545	1842	584,717,017	8.1	47,593,464
1828	210,590,463	10.7	22,487,229	1845	792,297,106	6.2	49,119,406
1829	264,837,186	10	26,575,311	1844	663,633,455	8.1	34,063,50%
1830	298,459,102	9.9	29,674,883	1845	872,905,996	5-99	51,739,643
1851	276,979,784	9.1	25,289,492	1846	547,558,055	7:81	42,767,341
1832	322,215,122		31,724,682	1847	527,219,955	7.81	57,415,848
1833	324,698,604	11:1	36,191,105	1848	814,274,431	7.613	61,995,394
1834	381,717,907	12.8	49,448,402	1849	1,026,602,269	64	66,596,96T
1835	387,358,992	16:8	64,961,502	1850	635,381,604	113	71,984,616

(See table top of next page.)

Rice is produced chiefly in S. Carolina. It | besides supplying the home consumption, from

was introduced into the States in 1694 from Madagascar, and has since succeeded so well that

secount showing the Destination of the Cotton exported from the United States in 1846, 1847, 1848, and 1849.

Lat. Lat.	Countries.		1846.	1847.	1848.	1849.
	Nuclean and Norwy Dommark Hence Towns - Holand Beignam -	19	4, 1994,860 2,355,778 7,32,867 7,32,867 7,460,609 7,460,432 8,636,971 3,317,940 47,280 47,280 47,280 41,185,269 7,187,480 41,185,269 117,186,269 1	8,618,565 8,878,7823 600,759 600,759 10,489,564 10,184,548 10,184,548 12,644,739 90,1564 12,644,77 90,1766 1275,507 97,411,906 4,805,492 12,313,638 8,199,135 8,790,718 4,484,594 11,280,623	10,266,911 4,973,094 69,098 47,491,409 15,279,676 946,911,182 25,001,965 155,302 129,365,272 7,034,565 19,754,565 19,754,565 19,754,565 19,754,565 19,754,565	10,650,651 7,024,160 15,44,779 115,44,454 15,41,454 15,115,559 687,490,511 38,171,773 3,968,047 5,725,512 9,747 142,252,509 6,858,223 22,285,804 1,684,784 10,614,462 6,035,707 15,279,384 2,279,384 2,279,384 2,279,384 2,279,384 2,279,384

Of the total experts in 1849, 11,969,259 lbs, were Sea Isla

time of planting rice is from the 20th of March to the 20th of May, and the harvest begins about 1st Sept. No grain yields more abundantly. From 40 to 70 bushels an acre is an ordinary crop; but 80 and 90 bushels are often produced on strong lands, having the advantage of being overflowed by a river or reservoirs. The water is not let in by a river or reservoirs. The water is not let in upon the field till after the second hoeing, and is kept on frequently for 30 days." (Stuart, ii. 89.)

An Account of the Experts of Rice and Tobacco from the United States.

Year		Rice.			Tobacco.	
1 cars	Therees.	Value.	PerTierce.	Hbds-	Value.	Per Hhe
1847 1848 1849	144,427 100,403 128,861	Dolla. 2,182,468 5,605,896 2,331,824 2,569,362 2,631,557	24*90 23*25	135,739 130,665 101,521	Bolls. 8,397,255 7,242,086 7,551,122 5,804,207 9,951,023	Della- 51*53 53*40 37*75 52*75 67*50

The sugar-cane grows in low and warm situations as high as lat. 23°, but the climate does not suit well N. of 31° 30'. In Louisiana, however, it is cultivated with success, and in 1849-50 there were, in that state, 1,536 sugar plantations, which produced 247,923 hhds., or about 270,000,000 lbs., inc. 12,500,000 lbs. wet sugar. But the crop is very variable. (Hunt's Com. Mag. for Aug. 1850.) Several varieties of the cane, as the African, Otaheite, W. Indian, and Ribband, are grown. The last is the most prolific of juice, and, according to Mr. Stuart, an acre of ground, properly managed, will yield a hhd. of sugar. (ii. 156.) In the N. part of the Union, as in (ii. 156.) In the N. part of the Union, as in Canada, maple sugar, a saccharine matter derived from maple trees, either growing wild or cultivated for the purpose, is extensively collected.
"The trees are tapped two or three inches into
the wood to obtain the sap, from which the sugar is extracted, some time in February or the begin-ning of March. The holes are made in a slanting direction, in which sprouts of alder or sumach are placed; but they are plugged up as soon as the sap is drawn. The tree does not become impoverished by repeated tappings. There are instances on the Hudson, where the process has been continued for 50 years." (Stuart, i. 74, 75.)
Indigo was formerly raised in Georgia and

Carolina, but its culture has been superseded by that of cotton. Some good wine has been produced in the same states, and the vine and mulberry tree are common in many parts of the Union, without, however, having yet become objects of much attention. Fruits of most temperate and tropical climates, and European vegetables, thrive well. The apples grown in the vicinity

be were Sea Island, and the rist uptand.

of New York are decidedly the best variety of the fruit that is anywhere to be met with. Hemp, flax, hops, &c., are frequent crops in the N. and W. states.

Mr. Shirredf speaks disparagingly of the cattle and sheep of the Eastern states. Near New York, he says, the cattle grassing on the scanty herbage appeared mere starvelings, and smaller than some of the highland cattle of Scotland. The sheep were even more miscrable-looking than the cattle; pigs corresponded; and the horse alone formed an exception to the general wretchedness, some fine animals of this species being met with. The same appeared to him to be the case in the New England states, sometimes even on superior farms, and with cattle originally of a good breed. This inferiority of the cattle in the Eastern states has been explained as follows by Mr. Jefferson: "In a thinly-peopled country, the spontaneous productions of the lovests and waste fields are sufficient to support inexplained as follows by Mr. Jefferson: "In a thinly-peopled country, the spontaneous productions of the forests and waste fields are sufficient to support is differently the domestic animals of the farmer, with very little aid from him, in the severest and excreet season. He, therefore, finds it more convenient to receive them from the hands of nature in that indifferent state than to keep up their size by a care and nourishment that would cost him much labour." (Notes on Virginia, p. 90.) This, no doubt, is the cause of the lean and wretched condition of the cattle in most parts of the Atlantic states: but wherever the pastures are of and wiretched condition of the cattle in most parts of the Atlantic states; but wherever the pastures are of especial excellence the cattle are comparatively good; and, luckily, fine grass lands are not unfrequent even in the old settled states. Mr. Shirreff says of the Genessee fats in the state of New York, "Ferhaps no gentleman's park in Britain equals them in fertility and beauty. They differ from the rest of the surface in this part of the country, in having been cleared by nature; and are chieff in grass, affording the richest pasturage I ever saw, with the exception of some fields in the neigh-bourhood of Boston in Lincolnshire." (Toer, p. 84.) But the great cattle-breeding states are in the W.: and and are chiefly in grass, affording the richest pasturage i ever saw, with the exception of some fields in the neighbourhood of Boston in Lincolnshire." (Tour, p. 84.) But the great eattle-breeding states are in the W.; and herds of some thousands are brought up from Kentucky, &c., for sale at New York. They bear some resemblance to the Hereford cattle, and when 4 or 5 years old are estimated to weigh at an average 80 stone. (Heid. p. 32.) The dairy is now attracting considerable attention in some states, and the exports of cheese have automishingly increased. On improved farms, the sheep are mostly crosses of the Saxon and Merino; for, though the Lecter and Cotswold breeds are reared, the former, particularly if pure, is not found to answer. In 1840 the U. States are said to have possessed 19.311,374 sheep, producing 35,802,114 lbs. of wool. Illinois appears to be the state best adapted for sheep, as it is for most other species of hubbandry; and so much of its surface remains to be disposed of, that, estimating the fisce of a Merino sheep in a year will nearly purchase l\(\frac{1}{2}\) acre of land I wool can be transported from Illinois to the E, states for 3 or 4 cents per lb. (Sairvegf, p. 457.)

The stock of hogs in the U. States is estimated at about 40,000,000, and their breeding and fasticning is a most important branch of rural economy. Except, indeed, in seasons like 1847, when there was a large export of Indian corn to supply the place of the potato, almost the entire produce of that grain is employed in distillation and in the feeding of hogs. The latter are usually allowed to run wild in the woods till 5, 6, or 7 weeks before they are to be killed, when they are turned into the fields of Indian corn to fatten and harden their fields. Ohlo is the principal bog-feeding state; the killing and packing departments of the business having

been gradually concentrated in and about Cincinnati. Here, in the winter of 1848, about 420,000 hogs were slaughtered and packed. These were estimated to have produced as follows, vis.:—

Pork	•	•	150,000	ber., o	29,400,000 lbs.
Bacon	•	•	•	•	¥1,000,000
Lard (No.		-	-		13,800,000
Lard oil		•	-	•	1,000,000
Blearine c		•	-	-	1,875,000 -
Rose somp	-	•	-		5,200,000
Fancy and	200 200e	рв	-	•	7,500,000
Prussiate	of potent	ī	•	•	50,000

The business is, also, largely carried on in Kentucky, Indiana, Illinois, Missouri, Tennessee, and other states; and is altogether of great extent and value.

The exports of all sorts of provisions from the U. States have increased prodigiously, as is evident from the fallowing.

Account of the Quantities shipped from 1840 to 1989.

Years.	Beef.	Butter.	Choose.	Pork.	Ham.	Lat
	Bhbr.		Lba.	Blds.	Lie.	Mile
340		1,177,639		66,281	1,643,897	7,418.50
1841	56,537	3,785,983	1,748,471	133,290	2,796,517	\$0,507.EN
1612		2,055,133	2,456,607	180,032	2,518,841	
1343		3,408,144	3,440,144	80,310	2,632,067	
1844	106,174	3,251,952	7,345,146	161,629	5,87,5,976	
1845	101,538	3,587,489			2,719,390	
1846		3,436,660	8,675,390	190,422	3,006,630	97,845,10
1847	111,979	4,214,433	15,637,600	206,190	17,981,471	37.611.30
1848	103,719	2,751,086	19,915,305	218,269	33,551,034	49,699,50
W.40	TOT DHE	T ADE OF O	12 477 600	45 400	2000	1000

The under-mentioned quantities of the aboother articles were shipped for the U. Kingdom.

		¥	ers.				1848.	1844.	1845.	1846.	1847.
Oil, sperm	-	-		-	-	gals.	325,944	295,867	907,597	686,633	965,710
Oil, whale	•	•	-	•	•	_	68,798	845,658	184,898	84,356	209,250
Staves		•	-			M.	467	85	831	2,560	2,071
Naval stores						bbls.	145,006	270,317	279,263	305,654	245,779
Boof .		_	-	-			6,896	48,117	41,188	80,820	66,473
Tallow	-		_	_		lbs.	3,653,614	4,657,200	8,243,440	6,125,452	5,524,136
Hides -	-			_		No.	8,880	83,107	41,179	0,133,432	0,320,130
Pork -	-					bbls.	8,230	10,280	21,173	67,058	24,481
Bacon	•		-	-	•	lbs.	656,398	850,189	14,140	13,001	73,940
Lard -	-	•	-	-	-		4,569,484		96,907	530,026	14,367,105
Butter	•	-		•	-	_	9,000,484	8,976,805	5,678,675	8,211,380	17,798,770
Dutter.	•	-	-	•	•	_	1,059,776	621,829	380,349	515,514	1,235,071
Cheese	•	-	-	•	•	_	2,313,648	5,278,965	5,984,902	6,840,373	15,602,980
Weol -	•	•	-	-	•	_				610,685	349,576
Hops -	•	•	-	_ ·	-	-		4,166	65,894	71,252	441,006

The condition and mode of life of the agricultural popular way different in different parts of this extensive region. The N.B. states, the oldest settled portions of the country, bear the greatest resemblance to Great Britain. "The villages of New England are uniformly clean, siry, and most with spacious openings near the centre, in which The condition and mode of life of the agricultural pop. es of New England are uniform, with spacious openings near the centre, in which with spacious openings near the centre. The houses churches form the most prominent feature. are, in some instances, built of brick, but more frequently of wood, painted white, and with green Venetian blinds opening to the outside. Both churches and dwellinghouses seem to be painted annually; at least they are never seen in the slightest degree dings coloured. The houses of every size and fobric have a light appreciate. never seen in the slightest degree dingy coloured. The houses of every size and fabric have a light appearance from the number of windows they contain. They seldom indicate either extensive wealth or poverty in the inmates, and the villages want only the judicious aid of flowers and shrubs to render them beautiful." (Shirreff, 52.) Landscape gardening, and similar ornamented work, is, however, very backward in America.

In the newly settled states of the W-, the farmer must dispense with much of the civilisation of the E-, and live in his log-house with a few necessary articles of furniture, in the rudest and most primitive manner But if his style of life be less comfortable, he reaps the benefit of his privations in a more rapid accumulation of wealth. "The settler of Illinois places his house on the

But il his style of life be less comfortable, he reaps the benefit of his privations in a more rapid accumulation of wealth. "The settler of lilinois places his house on the forest or on the open field as fancy may dictate. The prairie furnishes summer and winter food for any number of cattle and sheep, and poultry and pigs shift for themselves until the crops ripen. With the preliminary of fencing, the plough enters the virgin soil, which, in a few months afterwards, yields a most abundant crop of Indian corn, and, on its removal, every agricultural operation may be executed with facility. Fastoral, arable, or mixed husbandry, may be at once adopted, and produce of all kinds obtained in profusion." (Shirreft', p. 459.)

The agricultural labourers of the U. States are well fed, and generally efficient. Mr. Shirreft states, that, near Philadelphia, a craddler or mower boarding with another labourer, and paying 45 cents a day, would breakfast at 7 o'clock on wheat or rye bread, fish, cheese, butter, and coffice; lunch at 10 on cold meat, pickled pork, cheese, butter, pickles, bread and coffee; dine at 12 on everything good and substantial; at 5 take coffee, with bread, butter, froit, and fruit ple; and occasionally have supper

thing good and substantial; at 5 take coffee, with bread, butter, fruit, and fruit pie; and occasionally have supper at 7, though this meal is considered superfluons. (P. 25.) Generally, however, the labourers do not fare quite so well. The hours of labour are usually from sunrise to sunset. Near New York farm labourers get from 10 to 12 dollars a month, with bed and board, including washing; spademen get 75 cents a day, without board, all the year round. Near Philadelphia, wages are about the same. In Michigan, where labour is scarce, a good farm help obtains 120, and an indifferent one 100 dollars a year, with bed and board; and a female help receives, in private families, one dollar a week. An ordinary farm labourer in Illinois gets the value of 80 acres of land a year: in Britain, due allowance being made for the board of the labourer, he does not get I-10th of the value of an acre of good land; so that when wages are compared with land, the farm labourer of Illinois is about 800 times better rewarded than in Britain! (Shirreff.) This, however, does not show

that labour is better paid in America than in Englas but that there land is very cheap, and here very et As respects clothing and lodging, the English labou is better off than the American. For further partical te refer the reader to the articles on the several State able well. in this work

Manufacturing Industry in the United States, though, of course, very considerable, is carried on under several disadvantages incident to their situation. The fact is, that, under the peculiar circumstances in which America is placed, agriculture is necessarily the most advantageous employment in which her population can engage; and it is a short-sighted policy to ender-vour, by dint of custom-house regulations, to force up a manufacturing interest. The boundless extent of her fertile and unoccupied land gives her extraordinary advantages as com-pared with almost every other people in repect of agriculture; but she has no such advantage as regards manufactures; and yet it is plain that, unless the work-people engaged in manufactures in different parts of the Union realised the same rate of wages, and the capitalists the same rate of profits that is realised by the workmen and capitalists engaged in agriculture, they would either never engage in the former, or speedily abandon it for the latter. Hence the futility of all attempts to establish the finer branches of manufacture in America, without burdening similar articles when imported from abroad with heavy duties. The coarser description of articles, or those which are bulky and heavy, and in which the value of the raw material exceeds the value of the workmanship, must, of course, in America, as elsewhere, be always produced at home. But the finer description of goods, or these of which the nellection of goods or those of which the value or price is principally made up of wages and profits, would, but for the interference of Congress, be wholly imported from countries in which wages and profits are comparatively low. And it is need to to the comparatively low. And it is needless to say, that every attempt to limit or hinder such importation is inconsistent with and subversive of every sound principle. If the cotton and woollen manufactures now carried on in the United States cannot exist without a duty of 25 or 35 er cent. being laid on foreign cottons and woollens, it is plain that the existence of such manufactures obliges every individual in the United States to pay from 25 to 35 per cent. additional price for every yard of their produce that he has

occasion to use! And even this is not all; for the prohibition withdraws a large portion of the public capital and industry from employments in which America has an advantage, to make them be vested in employments in which the advantage is on the side of others!

The commercial policy of America is, in truth, but little creditable to her people and legislature. The prohibitions that have so long fettered the employment of industry, and the growth of commerce in Europe, grew up in a comparatively dark and unenlightened age, and have for many years been progressively declining. But America has been foolish enough to adopt the pro-hibitory and forcing system after its felo de se character had been fully demonstrated. She has not acted in ignorance, but in contempt of wellestablished principles and of the most comprehensive experience; and has consequently in-volved herself in difficulties and losses of which it is not easy to estimate the extent nor to foresee the termination.

No doubt America will gradually become more and more suitable for manufacturing industry. Her command of water-power and coal, and her facilities for internal transport and navigation, are circumstances eminently favourable to manufactures. Still, however, it is certain that her natural progress to manufacturing eminence cannot be advantageously hastened by the policy on which she has embarked. When population has become dense in America, and her moccupied land has been generally appropriated, she will necessarily un-dertake, and will no doubt successfully carry on, such branches of manufacturing industry as are suitable to ber peculiar capabilities: but

of industry.

Cotton Manufacture.— The American cotton manufacture, though consisting principally of coarse fabrics, is, in extent and value, next to that of the U. Kingdom. It is principally located in the New England Stafes, especially in Massachusetts which has nearly half the manufacture, Rhode Island, Connecticut, and New Hampshire. At an average of the three years ending with 1969, the consumption of raw cotton in the different manufacturing establishments of the Union is believed to have amounted to about 200,000,000 lbs. a year. The American fabrics consist principally of shirtings, sheetings, printed calicoes, yarns, sail-cloth, &c., in which the raw material forms a large portion of the value of the finished articles. And hence it is that the American manufacturers have suffered more than ours from the failing off in the supply And nerice it is tract to a American manuscurers nave suffered more than ours from the falling off in the supply of cotton in 1847 and 1850, and that they have had propor-tionally more mills standing and working short time. The value of the cottons exported from the Union is not very considerable, having been \$5,718,205 in 1848, and \$4,933,139 in 1849.

Lowell is the principal seat of the manufacture in Massachusetts; and we subjoin the following statements in regard to its condition there from 1940 to 1850. (See 2nd table below.)

But for the six months ending with March, 1851, the

business in Lowell was much depressed, and the manufacturers involved in great difficulties.

The values of the imports of cotton goods into the U. States during the year ending the 30th June, 1843, was as follows, viz.,

			Dollers.
Stuffs printed, stained, or coloured	-	-	10,486,894
- white, or uncoloured -	•	•	1.434.635
 tamboured or embroidered. 	•	•	704,631
Velvets, wholly of cotton	-	•	99,290
Cotton and silk	•	•	14,076
Cords, gimps, and galloons -	-		185,964
Hoslery, and articles made on frames		•	1,315,783
Twist, yarn, and thread -	-	-	770,500
Hatters plush, of silk and cotton -		-	170
Manufactures of, not specified -	-	•	940,950
Total -	-	-	15,754,841

Lowe	u.			1940.	1842.	1844.	1816.	1818.	1849.	1850.
Capital -		-	•	\$10,500,000	\$10,700,000	\$10,650,000	\$10,550,000	\$12,110,000	\$12,110,000	\$13,910,000
No. of mills	•	-	-		38	34	35	117	48	50
— spindles	•	•	•	166,014	194,338	185,076	228,850	801,297	\$10,000	319,940
- looms	-			5,183	6,084		6,304	8,749	9,359	9,84
- females			-	6,430 2,077	7,375 2,345	6,345	6,905	8,635	7,644	8.26
- males	_	-	_	9,177	2.345	2,355	2,690	8,995	8,699	8,74
loth, per week, y	ŭ	-		1,120,560	1,351,450	1,425,800	1,594,000	1,940,900	1,704,996	2.110.00
otton used per w	= ,			870,300	401,206	440,000	627,000	637,000	559,000	683,00
Vool, ditte			-	20,183	40.,200	410,000	84,000	46,000	46,000	69,00
	•	• .		30,100	• •	• •				00,00
rinted, ditto, yds.		•		265,000	373,000		325,000	360,000	380,000	845,00
yed, ditto		•	- 6	200,000	0,0,000		020,000			0.00
emale wages	_	_		81 00		8 1 75	l - .	\$2 00	\$2 00	820
dale wages .	-	-	1	4 80	1 7 3 1	4 90		4 80	4 80	1 4 8

The manufacture of woollens has been extensively carried on from an early period in the history of the States: but it is principally conducted in private families; and it is only in recent times that woollen factories have been established on any large scale. Broad cloths, cassimeres, satincts, finnels, leans, linsers, blankets, yarn, and carpets are the goods principally

The returns under the census of 1840 as to the woollen sanufacture were as follows:—

Pulling-mills
Weelliss manufactories
Persons employed
Manufactures, value of
Capital invested - 2,585 - 1,420 - 21,542 - 20,696,999 doll - 15,765,134 do.

The values of the imports of woollen goods into the U. States in 1848-49 were as follows :-

Dellars. 4,995,957 1,196,376 1,161,429 718,794 4,070,185 115,463 13,910 837,577 52,339 51,518 18,067 349,908 96,433 28,630 lankets
osiery, and articles on frames
/orsted stuff goods /ocilen and worsted yers Baissa - Wilton, Saxony, and Ambusson expeta - Brusseis, Turkey, and trable ingrained do. Venetian, and ether ingrained do. - Not martial Total

Total - 13,704,806

The manufactures of leather, and articles made of leather, of linen and linen yarn, iron and hardware, glass, soap, candles, &c., are all carried on pretty extensively; but we have no estimates of their amount on which it would be asfe to rely. Steam-engines, and all kinds of machinery, nalls, fire-grates, and stoves, chain

cables, agricultural and mechanical implements, firearms, &c., are extensively manufactured; but all the
finer descriptions of hardware and cutlery, and a great
variety of hardware articles, are imported from England.
In 1840, according to the census, there were 10,305 distilleries in the United States, producing in that year
distilled in N. Carolina, Pennsylvania, New York, Massachusetts, and other states. Cincinnati, in Ohio, is,
however, the grand centre of the whisky manufacture.
The whole quantity produced by the distilleries in this
city, and brought into it from adjacent distilleries, is
said, by Mr. Johnston, to amount to about 14,500,000 galls.
a year! (Notes on N. America, i. 276.) Of course the
largest portion of this immense supply is forwarded to
ther parts. It is wholly made from Indian corn.
The shot, and red and white lead manufactured in the
States, now nearly supply their consumption. About
6,000,000 bushels salt are estimated to be annually
made from brine-springs. But, notwithstanding, about
8,000,000 bushels salt are annually imported, principally
from Great Britain, but partly, also, from Spain and
Portugal.

Commerce.—The trade of the U. States is very ex-

Portugal.

Portugal.

Commerce. — The trade of the U. States is very extensive. The great article of export is cotton wood, the value of the exports of which, in 1859, amounted, as already seen, to 71,984,616 dolls., being considerably more than half the value of the entire exports (of domestic growth) from the Union. Indeed, the astonishing increase in the production of cotton, and in the demand for it in foreign countries. it in foreign countries, has been the principal cause of the rapid growth and vast magnitude of American com-merce. Cotton is principally shipped for the United Kingdom, France, and Germany. Next to cotton, the great articles of export are wheat flour, Indian corn and provisions; tobacco, raw and manufactured; rice;

Years.	Value	of Exports in l	Dollars.	Value of Im-
e curse.	Domestic.	Foreign.	Total.	ports in Dolla.
1803	42,205,961	15,594,072	55,800,033	64,666,666
1804	41,467,477	36,231,597	77,699,074	85,000,000
1805	42,387,002	53,179,019	95,566,021	120,000,000
1806	41,2/3,727	50,283,236	101,536,963	129,000,000
1807	48,699,59%	59,643,558	108,345,150	158,500,000
1808	9,433,546	14,997,414	22,130,960	56,990,000
1809	31,405,700	20,797,551	54,203,231	59,400,000
1810	42,366,679	24,391,295	66,757,974	85,400,000
1811	45,294,041	16,022,790	61,316,831	55,400,000
1812	30,032,109	8,495,127	38,527,236	77,030,000
1813	25,008,152	2,847,845	27,855,997	22,005,000
1814	6,782,272	145,169	6,927,441	19,965,000
1815	45,974,403	6,583,350	52,557,755	113,011,274
1816	64,781,896	17,138,556	81,990,452	147,105,000
1817	68,313,509	19,358,069	87,671,569	99,250,000
1818	75,854,437	19,426,696	93,281,133	121,750,000
1819	50,976,838	19,165,683	70,142,521	87,125,000
1820	51,683,640	15,008,029	69,691,669	74,450,000
1821	43,671,894	21,302,488	64,971,382	62,585,724
1822	49,874,079	22,286,202	72,160,281	83,241,541
1823	47,155,408	27,543,612	74,699,030	77,579,267
1844	50,649,500	25,337,157	75,98n,657	80,549,007
1895	66,944,745	52,590,643	99,535,388	96,540,075
1525	53,055,710	24,539,612	77,595,722	84,974,477
1897	58,921,691	25,405,136	82,324,827	79,451,068
1828	50,669,669	21,595,017	72,264,686	88,509,824
1829	55,700,193	16,658,478	72,356,671	74,492,527
1830	59,462,029	14,587,479	73,849,508	70,876,920
1631	61,277,057	20,038,526	81,310,583	103,191,134
1832	65,137,470	24,039,473	87,176,943	101,029,266
1833	70,317,698	19,822,735	90,140,433	108,118,311
1834	81,024,162	25,514,811	104,336,973	126,521,339
1635	101,189,082	20,504,495	121,693,577	149,895,749
1836	106,916,680	21,746,360	128,665,040	189,950,055
1837	95,564,414	21,854,967	117,419,376	140,989,217
1838	96,033,821	12,452,795	108,486,616	115,717,404
1839	103,533,891	17,494,525	121,028,416	169,092,159
1840	113,895,634	18,190,314	134,085,946	107,141,519
1841	106,382,722	15,469,051	121,551,503	127,946,177
1844	92,969,996	11,721,538	104,691,554	100,162,087
1845*	Salari until		84,346,450	64,765,799
1844	99,715,179	11,484,867	111,200,046	108,435,035
1845	99,299,776	15,346,830	114,646,606	117,254,564
1546	102,141,893	11,346,623	113,488,516	121,691,797
1847	150,637,464	8,011,158	158,618,622	146,545,638
1848	132,904,121	21,132,315	154,036,436	154,997,998
1849	132,666,955	13,088,565	145,755,820	147,857,439

	1847.	1848.	1849.
THE SEA-	Dolls.	Dolls.	Dolla.
Pickeries — Dried fish, or cod fisheries Pickled fish, or river fish-	659,629	609,482	419,092
eries (herring, shad, salmon, mackerel) Whale and other fish oil - Spermaceti oil Whalebone Spermaceti candles	156,221 1,070,659 758,456 671,601 191,467	109,515 552,588 2:8,852 514,107 186,859	93,085 965,597 572,768 337,714 159,403
Total Fisheries	3,468,033	1,980,963	2,547,654
THE PORRET- Skins and Furs Ginseng Products of Wood —	747,145 64,166	607,780 162,647	656,228 182,966
Staves, shingles, boards, hewn timber Other lumber Masts and spars Oak back and other dye All manufactures of wood	1,849,911 542,781 23,270 95,355 1,495,924	2,499,863 283,453 199,760 148,126 2,042,695	1,776,749 60,344 87,720 95,392 1,697,888
Naval stores, tar, pitch, rosin and turpentine - Ashes — pot and pearl -	759,221 618,000	752,305 466,477	815,164 515,603
Total Products of Wood	5,181,462	6,252,657	8,075,400

iy, w	he flour and rtly to Cub hich are also principally	o the sent to	great o Engl	marts fo and and	r Iun Holle	n per. To- In d.			1847.	1848.	12
The polyco	great article s. including	s of i	mporte	ation are oliens, lis	ma iens,	nufactured hardware,	Askieutrin		Delle.	Delfe.	D
186, 1 L coi	thenware, p from France fee from Cu	and ba an	Spain ; d Braz	; tea fron sil ; line	n Chi na an	ina; sugar d woollens	Products of Animal Beef, tailow, hide cattle	, horned	2,434,003	1,903,541	مرد
m G	ermany ; sal iye-stuffs, az	t from	ı Engi	and and	Port	ugal; with	Butter and chees Fork (pickled), lard, live bogs	bacon,	1,741,770 6,630,842	1,361,665 9,003,272	غرا 9,3
n al	li parts of tillustrative of	he wo	rid. ' progr	We subj	e aic	ome state-	Horses and mutes Sheep Wool		277,359 29,100 89,460	190,195 20,843 87,497	
nma	American co	t exhi	biting	the Valu	e of t	he Articles	Total Products of A	nimah -	11,902,534	12,538,896	13,1
rom orts i. B.	mestic and of ted from the 1803 down to during the s The years	1849 : ame : down	inc.; w Years. to 1843	end on	alue the 3	of the im-	Wheat Plour Indian corn Indian meal Rye meal		6,949,350 26,133,811 14,395,212 4,301,334 225,502	2,669,175 13,194,109 8,837,483 1,807,601 174,566	1,73 11,45 7,96 1,16
ber,	and since the		7.2.5		1	2000	Rye, oats, and off grain and pulse Hiscuit, or ship-h	read -	1,600,962 556,966 109,062	876,372 619,096	33
ITB.	Domestic.	Foreig	-	Total.	por	alue of Im-	Apples - Rice -	:	3,603,896	86,277 88,944 2,331,824	2,3
03	42,205,961	15,594		55,800,03		64,666,666	Total Vegetable	Food .	57,970,356	25,185,647	¥5,60
94 95 96 97	42,205,961 41,467,477 42,387,002 41,253,727 48,699,592 9,433,546	56,231 53,179 50,283 59,643 14,997	,019 ,236 1 ,558 1	77,699,07 95,566,02 101,556,96 08,345,15 22,150,96	1 1	85,000,000 20,000,000 29,000,000 58,500,000 56,990,000	Tobacco Cotten Hemp All other Agricults	ral Pro	7,942,086 53,415,848	7,551,192 61,996,994 ¥7,657	5,90 66,38
10	42,366,679 45,294,041 30,032,109	20,797 24,391 16,022 8,493 2,847 143	995	52,993,23 66,757,97 61,316,83 38,527,23 27,855,99		59,400,000 85,400,000 55,400,000 77,030,000 22,005,000	Flax-seed - Hops Brown sugar Indigo		1,846 150,634 25,483 10	1,584 17,671 8,191 1,100	:
3	45,008,152 6,782,272 45,974,403	0,383	23:30	6,927,44	1	12,965,000	MANDPACTU		177,493	29,246	
6 7 8	68,313,509	17,138	,069	81,920,450		47,105,000 99,250,000	Leather boots and a	hoes -	606,798 243,816 273,700	670,223 191,095	15
9	75,854,437 50,976,838 51,683,640	19,426 19,165 15,008	683 .029	93,281,13; 70,142,52 69,691,66; 64,971,38		21,750,000 87,125,000 74,450,000	Household furnitur Coaches and other Hats		75,369 59,536	297,358 89,963 35,493	13 23 9
11	49,874,079	15,008 21,302 22,286 27,543	488 202	72,160,28		74,450,000 62,585,724 83,241,541 77,579,267	Maddlery		75,369 59,536 13,100 161,527 67,781	55,495 27,435 134,577 90,957	
13	47,155,408 50,649,500	27,543 25,337 52,590		74,699,036 75,986,65		80,549,007	Spirits from grain Herr, ale, porter, as Souff and tobacco	d cide	00,119	76,071	•
25 15 27	50,649,500 66,944,745 53,055,710 58,921,691	94.539	619	99,535,38 77,595,32 82,324,82		96,540,075 84,974,477	Lenseed oil and spir	ts of tur-	658,950 498,110	831,401	61 14
28	50,669,669	25,403 21,595 16,658	478	72,264,686		79,451,068 88,509,824 74,492,527	Cordage -		27,054	29,911	14
50	39.469.099	14,587	,479 ,526	73,849,500 81,310,58 87,176,94	1	70,876,920	Pig, bar, and nail		168,817 68,889	154,036 83,186 1,024,408	16
32	61,277,057 65,137,470 70,317,698	24,039 19,822 23,319	735	87,176,94 90,140,43 04,336,97	1	01,029,266	All manufactures Spirits from molass	es .	929,778 293,609	1,021,408 269,467 253,90	3% 38
34	101,189,082	20,504	760 1	21,693,57	1	08,118,311 26,521,352 49,895,742 89,950,055	Chocolate =	25	194,824 1,653 88,397 64,980	253,90° 2,907 125,963	lz
36 37 38	95,564,414	21,854 12,452	962 1	17,419,370	i	40,989,917 15,717,404 69,092,159	Gunpowder - Copper and brass Medicinal drugs	3	64,960 165,793	61,468 210,561	1.5 6 23
19	95,564,414 96,033,841 103,533,891 113,895,634	17,494 $18,190$	314 1	34,085,94	9 1 3	69,092,159 07,141,519 97,946,177	Cotton Piece Goods - Printed and color	-	201 700	351 160	
l vi	92,969,996	15,469	,538 1	21,851,800 04,691,55	1	00,168,082	White - Nankeen -	100	3,345,902 8,794 108,132 338,375	2,365	3,85
14	99,715,179	11,484 15,346 11,346	867 1	84,346,490 11,200,040	1 1	64,765,799 08,435,035	Twist, yern, and All other manufa	thread ctures	106,138 334,375	170,633 3¥7,479	41.
16	99,299,776 102,141,893 150,637,464	11,346	623 1	14,646,600 13,488,510 58,648.62	i	17,254,564 21,691,797 46,545,638	Total of Cotton	Goods -	4,082,523	5,718,205	4,53
18 1	132,904,121 132,666,955	8,011 21,139 15,088	,315 I	54,036,436 45,755,826	1	46,545,638 54,997,998 47,857,439	Haz and Hemp — Cloth and thread		477	495	,
	• (months	of 1845.			Bags and all man	ufactures	5,705	6,218	
nma	ry Statement	of th	e Valu	e of the	Exp	orts of the	Wearing apparel Combs and buttons		47,101 17,196	674,834 16,461 2,160	3
	th, Produce, g the Three	Year	endi	ng 30. J	ine,	1847, 1848,	Brushes Billiard tables	ande.	2,967 615 2,150	2,010	1
d l		- 1	40.00	1 10	10	1849	Umbrellas and part Leather and Moro not sold, per ib.			16 49 7	
	6.15	1	1847.	-	18.		Pire engines and ap Printing preses and Musical instrument	paratus type	3,443 17,431 16,997 44,751 88,731	7,696 80,468 86,508 75,193	
heries	THE SEA.	. 1	Dolls	1.00	9.0	Dolla.			16,997 44,751	75,193	91
ned ickle	fish, or cod fish d fish, or river	fish-	659,	60	9,482	419,092	Paper and stationer Paints and varnish Vineyar		54,115 9,526	50,739 18,910	8 6: 3:
salm	on, mackerel) and other fish	oit -	1,070,	991 10 650 A5	9,515	93,083	Earthen and stone	PATE	4,758	8,512	и
/hale	aceti oll -	:	738,	456 20 601 51	8,832 4,107	965,597 572,768 337,714	Glast Tin	*	71,155 6,363 13,694	76,007 12,353	10 12 13
perm	aceti candles	-	191,	167 18	6,839	159,403	Pewter and lead Marble and stone		11,190	7,789 21,466	13
	d Fisheries -	-	3,168,	033 1,98	0,963	2,547,654	Gold and silver,	ind gold	4.968	6,211	
is an	d Fun	:	747,	145 60	7,780	656,928 152,966	Gold and silver cois Artificial flowers at Molasses -	d jewery	57,520 3,126 26,959	2,700,412 11,217 5,563 6,126	95
seng ducta	of Wood -		64,	16	2,017	1000	Trunks Brick and lime		3,470 17,623	6,126 24,174	
OF PER	shingles, bo	-	1,849,	911 2,49	9,863	1,776,749 60,344	Coal	:	48,573	73,274 47,112	81
hews	and spars -	-	23,	970 19 355 14	3,433 9,760 8,126	87,720 95,392 1,697,628	Lead	9	194,081	84,978 75,547	40 80 91
ther Lasta sk to	rk and other di	YE -	95.								
ther Lasta ak ba il ma	ork and other denufactures of westeres, tar, per and turpenting	itch.	7,495,5 7,59,5 618,6	924 2,04	2,695 2,505	1,697,698 815,164	Articles not enumera Manufactured Other articles	ted -	1,108,984 1,199,976	1,187,968 851,343	1,60

Account of the Value of the Exports from and Imports into each State and Territory of the American Union, during the Year ending 30th June, 1849, specifying the Value of those imported in American and Foreign Ships.

		Value of Exports.		1	Value of Imports.	
States.	Domestic Pro-	Foreign Pro- duce.	Total.	In American Vessels.	In Poreign Vessels.	Total-
Maine N. Hamsshire .	Della, 1,279,593 5,852	Delle. 7,288 96	Dolls. 1,286,681 5,878	Dolls. 577,405 51,029	Della, 144,006 15,322	Della. 721,109 64,351
Vermont	299,938 8,174,667	388,931 2,090,196	688,869 10,264,862	147,721	6,377,958	24,745,917
Rhode Island • Connecticut • New York •	179,691 264,000 36,738,215	5,461 9,234,885	178,154 264,000 45,963,100	230,147 220,350 76,148,308	7,851 14,393 16,419,061	237,478 234,743 92,567,869
New Jersey - Pennsylvania - Delaware -	4,850,872 37,850	492,549 379	5,343,421 58,229	3,360 10,008,073	893 637,427 598	4,253 10,645,500 1,400
Maryland D. of Columbia	7,796,693	213,965	8,000,660 111,607	35,668	883,512	4,976,731 35,668
Virginia N. Carolina - S. Carolina -	3,569,422 270,076 9,699,875	4,516 1,501	5,373,738 270,076 9,701,176	223,214 105,975 996,168	18,717 7,171 479,527	941,985 115,146 1,475,695
Georgia Piorida Alabama	6,857,806 2,518,027 12,823,725		6,857,806 2,518,027 12,823,725	176,437 42,911 108,913	194,597 20,400 548,234	871,094 63,211 667,147
I ouisiana Mississippi Tennessee	36,957,119	654,549	37,611,667	7,855,664	2,197,083	10,050,697
Missouri Obio	149,784		149,724	15.145 130,382 137,502	12,287	15,145 130,582 149,839
Kentucky Michigan	127,864 88,412	5,007	139,861 86,417	79,738 98,141 8,173	4,593	79,738 98,141 9,766
Tetas	82,791		82,791	2,267	14,335	16,600
Total	- 132,666,955	13,068,865	145,755,890	190,302,152	27,475,287	147,857,439

A very large proportion of the commerce of the U. States is carried on in native ships, and the mercantile marine of the Union is inferior only to that of the U. Kingdom. We subjoin

An Account of the total Tonnage of the American Mer-cantile Marine, from 1830 to 1849, both inclusive.

Years.	Tons.	Years.	Tens.
1830	1,191,776	1840	2,180,764
1831	1,167,846	1861	2,130,748
1838	1,439,480 1,606,150	1842 1843	2,092,389 2,158,602
1834	1,756,907	1844	2,480,094
1835	1,814,940	1815	2,416,001
1836	1,887,103	1846	2.561.081
1837	1,496,686	3847	2,838,544
1838	1,995,610	1848	3,154,011
1839	2,096,479	1849	8,334,014

Internal Communications.—Nowhere in the world, a few parts of Europe excepted, have such extensive canals, and other public works, been undertaken and completed as in the U. States. The greater portion of Pennsylvania, with the adjacent parts of New Jersey, Delaware, and Maryland, is one continued act-work of canals and railroads; and similar works exist, more or less, in nearly all the States; but particularly in those of New York, Ohlo, Virginia, S. Carolina, and New England. The great length of many of the U. States' canals is one of their most remarkable features, in which they far surpass any hitherto constructed in Europe. The Eric Canal, connecting Lake Ontario with the Hudson River, is \$83 m. in length, being more than twice as long as the Canal of Languedoc, the longest of which Europe can boast. Generally, however, they are deficient in breadth and depth for the increased traffic conducted by their means; several of them have, however, been enlarged.

are searches. In treason and depth for the increasen traffic conducted by their means; several of them have, however, been enlarged.

The toils paid to the State, by the persons whe have boats on these canals, are usually 14d, per mile for each boat, and a small charge per mile for each passenger conveyed. The passenger-boats vary from 12 to 15 ft. in breadth, and are 80 ft. in length; the large-sized boats weigh about 20 tona, and cost about 350d, each. They are usually dragged by three horses, which run 10 m. stages, and the rate of travelling is from 4 to 44 m. an hour. Except in the most 8, part of the Union, the canal navigation, as well as that on the rivers and lakes in the N. States, is completely suspended for from three to five months a year during winter, and then the water is always withdrawn from the canals and feeders.

The American railway systems commenced in 1827, since which its progress has been as follows:—

Year.	Miles in Opera- tion.	Cost.	Year.	Miles in Opera- tion.	Cost.
1827 1830 1832 1836 1840	3 167 218 737 2,380	Dellare. \$0,000 8,000,000 4,930,000 23,630,000 69,700,000	1845 1846 1847 1848	3,659 4,144 4,249 5,256	Dellere, 111,650,000 190,750,000 113,150,000 153,439,000

At the close of 1849 above 7,000 m. railway were in

operation, the cost of which exceeded 200,000,000 dolls. And in January, 1851, no fewer than 8,787 m. railway had been completed at a cost of above 285,000,800 dolls., or about 60,000,000f. sterling. These railways were distri-These railways were distributed as follows : -

State.	Miles.	Cost.
New York New Hampshire Rhode Island Maine Wannet Wa	1,40% 402 50 280 886 1,046 1,0	Ballona, 54,507,060 13,504,060 12,514,184 10,535,967 14,545,546 15,145,546 15,145,546 15,145,546 15,145,546 15,145,546 15,145,546 17,773,349 4,000,000 15,044,172 7,773,349 4,000,000 15,145,670 11,772,360 12,500 12,500 13,000 13,000 14,440,000 14,440,000
Indiana	77 219 450 117 352 201	4,600,000 7,268,798 2,10 ,000 7,704,638 480,000

And new undertakings are every day entered into, and are prosecuted with a constancy and a vigour that have nowhere been surpassed. The probability is that at no very distant period the Atlantic and Pacific states will be united by railway. And though such an undertaking will be of the most gigantic description, it is less so, perhaps, than it may at first sight appear to be; for, owing to the gradual rise of the land from the Mississippi to the Rocky Mountains, that formidable barrier may be reached and penetrated with far less difficulty than might: be anticlusted. be anticipate

The internal improvements of the United States are placed under the management either of the legislature of the state in which the works are situated, or of jointsof the state in which the works are situated, or of joint-stock companies. Those constructed by the states are-called state-works, and are conducted by commissioners chosen from the different legislatures. The joint-stock companies, on the other hand, are composed of private individuals, who, as in Britain, receive a charter from the government suppowering them to act accordingly. At first view, a person from England is struck by the temporary and apparently unfaished state of many of the American works; in which it is in vain to look for the finish which characterises those of France, or the stability with which those of Britain are framed. The American railroads are much more cheaply constructed

stability with which those of Britain are framed. The American relivoads are much more cheaply constructed than the English, not only because they are in a less substantial and costly style, but because they are exempted from the heavy expenses incurred, in the construction of the English rallways, by the purchase of land and compensation for damages; and because wood, the principal material used in their construction, is got at a small cost. Among the greatest public works of the Union is a rais-

way (the Alleghasiy, forming part of the line connecting the Ohlo with the Delaware river), which, says Mr. Stevenson, "in boldness of design and difficulty of execution, I can compare to no modern works I have ever seen, excepting, perhaps, the passes of the Simplon, and Mont Cenis in Italy." (p. 185) (Sevenson, p. 284.) Wood is the material mostly used in the construction of bridges, and wooden pavement has been adopted in parts of New York city. The making of common roads is a branch of industry that has yet been little attended to, and in many parts of the country they are mere forest tracks, or what are called "corduroy roads," formed by the trunks of felled trees laid parallel to each other, in a soft, marshy soil, and over which vehicles advance by a series of leaps and starts sufficiently unpleasant to European travellers. The best roads are in the New England States; but there is a macadamised road from Albany to Troy; and a national road 700 m. in length, and 30 ft. wide, extends, in a tolerably straight line, from Baltimore on Chesapeake Bay to the Mississippi opposite St. Louis; it was constructed at the expense of the central government.

tral government.

The Americans have very successfully turned their attention to the building of steamboats; and some of the vessels navigating the Eastern waters of the U. States are unequalled in point of speed by those of any other quarter of the globe. On the Mississippi, and other W. waters, the vessels have a greater fraught and less speed. The seagoing steamers of the U. States are, as is well known, huvriously fitted up. The American canal and river travelling, on the other hand, in respect of accomposition for travellers, contrasts unfavourable with that

river travelling, on the other hand, in respect of accommodation for travellers, contrasts unfavourably with that of England, Belgium, or Holland.

Fisheries and Navigation.—Notwithstanding the extraordinary temptations to engage in agriculture afforded by the cheapness and facility of obtaining land, the Americans have always been distinguished by their skill in fisheries and navigation, and by the vigour and success with which they have pursued those branches of industry. They commenced the whale-fishery in 1690, and, for about 50 years, found an ample supply of sish on their own shores: but the whale having abandoned them, the American navigators entered with extraordinary ardour own shores: out the whale naving abandoned them, the American navigators entered with extraordinary ardour into the fisheries carried on in the Northern and Southern Oceans. From 1770 to 1775, Massachusetts employed an-Oceans. From 1770 to 1775, Massachusetts employed an-nually 183 vessels, carrying 13,830 tons, in the former, and 121 vessels, carrying 14,026 tons, in the latter. Mr. Burke, in his famous speech on American affairs, in 1774, adverted to this wonderful display of daring enterprise

surse, in his ramous speech on American affairs, in 1774, adverted to this wonderful display of daring enterprise as follows:—

"As to wealth," said he, "which the colonists have drawn from the sea by their fisheries, you had all that matter fully opened at your ben. You surely thought these acquisitions of value; for they seemed to excite your envy; and yet the spirit by which that enterprising employment has been exercised ought rather, in my opinion, to have raised esteem and admiration. And pray, sir, what in the world is equal to it? Pass by the other parts, and look at the manner in which the New Rigiland people carry on the whale fishery. While we follow them among the tumbling mountains of ice, and behold them penetrating into the despest frozen recesses of Hudson's Bay and Davis's Straits; while we are looking for them beneath the Arctic circle, we find that they have pierced into the opposite region of polar cold; that they are at the antipodes, and engaged under the frozen serpent of the south. Falkland Island, which seemed too remote, and too romantic an object for the grasp of national ambition, is but a stage and resting-place for their victorious industry. Nor is the equinoctial heat more discouraging to them than the accumulated whiter of both Poles. We learn that while some of them draw the line or strike the harpoon on the coast of Africa, others run the longitude and pursue their gigantic game along the coast of Brazil. No sea, but what is vexed with their fisheries: no climate that is not witness of their toils! Neither the perseverance of Holland, nor the activity of France, nor the dexterous and firm sagacity of English enterprise, ever carried this most periloss mode of hardy industry to the extent to which it has been pursued by this recent people; a people who are still in the gristle, and not hardened into manhood."

The unfortunate war that broke out soon after this

there arrived at the different ports of the U. Statu 18-ships, 9 brigs, and 14 schooners, bringing with then 99,438 barrels of sperm, and 256,183 barrels common whale oil. During the year ended the 30th June, 146, the Americans had 180,186 toms shipping employed in the whale fisheries.

The Americans, or rather the New Englanders, are carry on the cod-fishery, partly on the Labrador cost and banks of Newfoundard, with spirit and success. Their fishermen are remained.

with spirit and success. Their fishermen are remarkable for activity and enterprise, sobrlety and fragility; and their proximity to the fishing-grounds, and the edw facilities they possess for carrying on the fisher, give them advantages with which it is very difficult to certend. During the year ending the 30th June, 184, the Americans had 73.882 tons shipping employed in the od, and 42,942 tons in the mackerel fishery.

The System of Banking in America has attracted a great deal of attention in this country; and it certainly deserves to be carefully studied and medicated, were tonly for the incontestable evidence which it affined that, how fourishing soever in other respects, a country with a victous banking system may be every now and then involved in the greatest difficulties, and resicularly favourable circumstances under which the U. Statistical and the intelligence, enterprise, and economy of the people, and the intelligence, enterprise, and economy of the people. are placed, the boundless extent of their fertile and unccupied lands, the lightness of their public burdens, and the intelligence, enterprise, and economy of the people, it might be presumed that distress and bankruptcy weak be all but unknown in the Union, and that she would be seen to the seen the seen that the seen the seen that the seen that the seen that the seen that the seen the seen that the seen that the seen that the seen that the seen the seen that the seen the seen that the seen that the seen that the seen that the seen the seen that the seen that the seen that the seen that the seen the seen the seen that the seen the seen that the seen
The American banks are all joint-stock association; but instead of the partners being liable, as in England, for the whole amount of the debts of she banks, they are in general liable only for the amount of their shares, or for some fixed multiple thereof. It is needless to dwell on the temptation to commit frand held out by this system, which has not a single countervailing advantage to recommend it. The workloaness of the them which bare pierced into the opposite region of polar cold; that they are at the antipodes, and engaged under the frozen serpent of the south. Falkland Island, which seemed too remote, and too romantic an object for the grasp of national ambition, is but a stage and resting-place for their victorious industry. Nor is the equinoctial heat more discouraging to them than the accumulated winter of both Poles. We learn that while some of them draw the line or strike the harpoon on the coast of Africa, others run the longitude and pursue their rigantic game along the coast of Brazil. No see, but what is vexed with their fasheries: no climate that is not witness of their toils I Neither the persevenance of Holland, nor their toils I Neither the persevenance of Holland, nor their toils I Neither the persevenance of Holland, nor their toils I Neither the persevenance of Holland, nor their toils I Neither the persevenance of Holland, nor their toils I Neither the persevenance of Holland, nor their toils and the list opped for a while and alterwise resumed payments. Various complicated scheme for insuring the stability and prudent management of hands in the grain of the state of notes can point in the grain of the state of the state of notes can point in the grain of the state thought of a system which permits a company for the issue of paper money, founded on such an abominable fraud, to enter on business with a sort of public attestation of its respectability? The publicity, too, to which the American banks are subject is injurious rather than otherwise. Those who are so disposed may easily manufacture such returns as they think most suitable to their views; and the more respectable banks endeavour, for a month or two previously to the period when they have to make their returns, to increase the amount of buillion in their coffers by temporary loans and all manner of devices. The whole system is, in fact, bottomed on the most vicious principles. The facility, too, with which loans may be obtained from the different banks in periods of prosperity tempts private individuals and associations, and even states, to engage in the wildest and most gigantic projects. But whenever a pressure for money occurs, fresh supplies being no longer obtainable, those who depend on the banks are involved in the greatest difficulties, while the latter, being unable to procure payment of their advances, and having, in most instances, no sufficient capital, are obliged forthwith to suspend their payments. Perhaps no instance is to be found in the history of commerce of such a wanton over-issue of paper as took place in the U. States in 1835 and 1836; and the revulsion to which it necessarily led, after producing a frightful extent of bankruptcy and suffering in all parts of the Union, compelled, in May, 1837, every hank within the states, without, we believe, a single exception, to suspend payments 1 in 1638, such of them as were not entirely swept off resumed specie payments and in 1839, by far the larger number of them, with the bank of the U. States at their head, again suspended payment!

The Bank of the U. States had a bonk fide paid-up

payment!
The Bank of the U. States had a bond fide paid-upcapital of no less than 35,000,000 doil., the whole, or
nearly the whole, of which immense sum has been lost!
It would be out of place to enter into any detailed statement explanatory of the various circumstances that have
contributed to the downfall of this establishment. Something, no doubt, must be attributed to the hostility of
General Jackson and the government; but the real
cause of the catastrophe must be sought for in the mismanagement of the directors and the vices inseparable
from the American hanking system.

management of the directors and the vices inneparable from the American banking system.

Unfortunately, however, there seems little reason to expect that this system will be speedily amended. The only effectual cure for the evil would be the suppression of all local issues of paper, leaving it to be wholly supplied, in exchange for builton or other convertible securities, by a single central bank, and in an alteration of the law of partnership as respects banks of deposit. But there is not the smallest probability that any measure of this sort, if proposed, would ever be agreed to; and there can be no doubt that, in time to come, as in time past, each state will zealously patronise its own banking system; that the Union will continue to have hundreds, or rather thousands, of issuers of money; and that those periodical alternations of extreme prosperity and all but universal bankruptcy we have hitherto witnessed will continue, for a lengthened period, to delight and disgrace the republic.

continue, for a lengthened period, to delight and disgrace the republic.

Coins.— The American gold coin, the Ragle, contains 32 gr. pure gold and 35 aloy. This coin is made the equivalent of 10 dollars, so that the English sovereign is equal to dolls. 87 cents. The doll. Is worth at par about 4s. 3st. Weights and measures same as in England.

The Government, as entablished in 1787, is a federal democracy. The legislative power is vested in the Congress, an assembly of two separate bodies, the Senate and the H. of Representatives. The Senate consists of 62 mems, 2 from each State, chosen for a term of six years by the legislatures of the several states they represent. The qualifications necessary for a senator are the having attained the age of 30 years, having been a citizen of the U. States for 9 years, and being an inhab. of the state for which he is elected. The Senate has a concurrent vote in the ratification of treaties and executive nominations, and the sole power to try impeachments. One third of its number goes out of office every two years. The H. of Representatives is composed of mems, from the several states, elected by the people for the term of 2 years. According to an act of Congress, the number of representative population "of the different states (6 slaves being reckoned equivalent to 3 free persons), as ascertained by the decominal censuses, being divided by 233 gives, of course, the population entitled to send a member to Congress. Some of the returns given in the preceding table of the pop. for 1850 are not quite complete; but they are sufficiently accurate for most practical purposes. And it results from them that the representative pop may be taken at about 21,710,000, which being divided by 233, gives 98,170 for the representative woll. Hence the number of members which each state will be entitled to return during the next 10 years is, at Vol. II.

once, ascertained by dividing its representative pop. by 93,170. Should these divisions not give, as is usually the case, the entire number of members, the deficiencies are supplied by the states who have the largest unrepreare supplied by the states who have the largest unrepresented fractional pop. Thus, Connecticut will, according to the late census, be entitled to send 3 mems, to Congress, and will have, in addition, an unrepresented pop. of 91.385, so that she will be all but certain to have a 4th mem. assigned to her. During the last 10 years the representative unit was 70.680. New York, Fenn-spivania, and Ohio, will have the largest number of representatives in the new Congress.

The qualification for representatives is, their having attained the age of 28 years, and been 7 years citizens of the U. States. The House of Representatives has the sole power of impeachment, and of originating money-bills. Congress must assemble at least once a year, on the first Monday in Dec. Each house chooses its own speaker and other officers; the president of the senate being the vice-president of the U. States. Both houses are divided into a number of committees for the despatch houses are divided into a number of committees for the despatch

the first Monday in Dec. Each house chooses its own speaker and other officers; the president of the senate being the vice-president of the U. States. Both houses are divided into a number of committees for the despatch of business, chosen by ballot. The mems. of both houses receives as aslary of 8 dollars a day during their attendance, and travelling expenses of 8 dollars a day of the speakers of both houses have 16 dollars a day. The executive power is vested in the president, who is chosen by the electoral colleges of the several states for the term of 4 years; he must he 35 years of age, and a natural-born citizen who has resided for 14 years in the U. States. The president is commander-in-chief of the land and sea forces; and has power to make treaties, and appoint to the principal civil and military offices in the states, with the consent of the senate. He has a veto on bills which may have passed both houses of Congress, though if these be passed a second time by a vote of two thirds of each house, they become law without his sanction. His salary is 20,000 dollars a year. The president is assisted by a cabinet of six ministers, who hold office during his pleasure; the secretary of state, the secretaries of the treasury, war, and navy, the post-master-general, and the attorney-general, the salaries of each being 6,000 dollars a year. Besides the General Congress, each state has its own separate senate and H. of Representatives, elected by its inhabs. The qualifications of electors are not the same in every part of the Union; and respecting them we refer the reader to the arts. on the several states. The individual states are in most respects independent as to their internal administration; but no state can enter into any treaty or alliance with any foreign power, grant letters of marque and reprisal, cola money, emit bills of credit, grant titles of nobility, &c. &c.

In order that the reader may be fully acquainted with the institutions and government of the U. States, we subjoin a copy of the general co

CONSTITUTION OF THE UNITED STATES.

Ws the people of the U. States, in order to form a more perflex union, establish justice, insure domestic transmillity, rovide fit-the common defence, premote the general welfare, and secure the blessings of liberty to consider and our posterity, do ordain as-establish this Constitution for the U. States of America:—

RECTION 1. All legislative powers betwin granted shall be vested in Congress of the U. States, which shall consist of a Senate and louse of Representatives.

SECTION II. 1. The House of Representatives shall be com of members chosen every second year, by the people of the states; and the electors in each state shall have the qualifior requisite for electors of the most numerous branch of the state

requisite for dectors of the most numerous branch of the state legistropic properties.

2. No person shall be a representative who shall not have attained to the age of 25 years, and been sween years a citizen of the U. States, and who shall not, when elected, be an inhabitant of that state in which he shall be chosen.

3. Representative and direct taxes shall be apportioned among the years asters which may be included within this union according to reverse asters which may be including those bound to service for a term of years, and excluding Indians not taxed, three fifths of all other persons. The actual enumeration shall be made within three years after the first meeting of the Congress of the U. States, and within every subsequent term of ten years, in such manner as they shall by lew direct. The number of representative shall not exceed the first meeting of the Congress of the U. States, and within every subsequent term of ten years, in such manner as they shall be readed within the properties of the Congress of the U. States, and within every subsequent term of ten years, in such manner as they shall be readed and the state of the decision of the congression of the

. When vacancies happen in the representation from any state, the cutive authority thereof shall issue writs of election to fill such

5. The House of Representatives shall choose their spec other officers; and shall have the sole power of impeachmen

Secretary; and shall have the sole power of impeachment.

Secretary III. 1. The Senate of the United States shall be compared of two ensaters from each states, chosen by the legislature thereof, for six years and each senater shall hape one vote.

2. Immediately after they shall be assembled, in consequence of the S. I.

first election, they shall be divided as equally as may be into three classes. The seat of the smators of the list class shall be vecested at the expiration of the 3d year, of the 4d class at the expiration of the 4d year, and of the 3d class at the expiration of the 6th year, so that one third may be chosen every 9d year; and if vecancies happen by resignation, or otherwise, during the recess of the legislature of any state, the executive thereof may make temporary appointments until the next moeting of the legislature, which shall then fill such vacancies.

the next meeting of the legislature, which shall then fill such vaconncise.

5. No person shall be a sension who shall not have attained to the
age of 20 years, and been 9 years a citizen of the U. States, and who
shall not, when elected, be an inhabitant of that state for which be
4. The Viscali have no vote, unless they be equally divided.
6. The itenate shall choose their other officers, and also a president
per tempore, in the absence of the Vice-President, or when he shall
exercise the office of President of the U. States.
6. The Senate shall have the sole power to try all impeachments:
when sitting for that purpose, they shall be on each or sfirmation.
When the President of the U. States is tried, the Chief Justice shall
president of the member pressure who will be concurrence of
7. Judgment in cases of impeachment without the concurrence
8. The Senate shall have the sole power to the other Justice shall
result in the president of the U. States is tried, the Chief Justice shall
when stilling for that purpose, they shall be on each or sfirmation.
When the President of the U. States is tried, the Chief Justice shall
result of the member pressure when the concurrence of
7. Judgment in cases of impeachment shall not extend further than
to remove if from office, and disqualification to hold and enjoy any
office of honour, trust, or profit, under the U. States; but the party
convicted shall, nevertheless, be liable and subject to indictment,
trial, judgment, and punishment, according to law.

Bactron IV. 1. The times, places, and manner of holdine slections

SECTION IV. 1. The times, places, and manner of holding elections for senators and representatives, shall be prescribed in each state by the legislature thereof; but the Congress may at any time, by law make or alter such regulations, except as to the places of choosing

senators.

3. The Congress shall assemble at least once in every year, and such meeting shall be on the list Monday in Dec., unless they shall by law appoint a different day.

spools a different day.

Shortow V. 1. Each House shall be the judge of the elections, returns, and qualifications of its own members, and a majority of each terms, and qualifications of its own members, and a majority of each consideration of the constant of the proceedings of the proceedings, and may be authorized to compet the attendance of sheets members, in such manner and under such penalties as each House may determine the rules of its proceedings, punish its members for disorderly behaviour, and with the concurrence for the thirds, expel a members of portable the same, excepting such parts as may, in their time to time publish the same, excepting such parts as may, in their publish the same, excepting such parts as may, in their publish the same, are published to consider the present, be entered on the journal.

4. Neither House, during the session of Congress, shall, without the consent of the other, adjourn for more than three days, nor to any other place than that in which the two Houses shall be sitting.

Sarrow VI. 1. The senators and representative shall receive a

scher place thas that in which the two Rouses shall be sitting.

Sacrino VI. 1. The scenators and representatives shall receive a compensation for their services, to be accertained by law, and padd out of the tressury of the U. States. They shall in all cases, except treason, felony, and breach of the peace, be privileged from arrest during their attendance at the session of their respective Houses, and in going to and returning from the same; and for any speech or debase in either House, they shall not be questioned in any other place.

2. No senator or representative shall, during the time for which have either they have been created, or the enduments was elected, be appointed to any civil office under the antherity of the U. States, which shall have been created, or the enduments beloiding any office under the U. States shall be a member of either House during his continuance in office.

the U. States, which shall have been created, or the emoluments whereof shall have been increased during such time; and no person holding any office under the U. States shall be a member of either House during his continuance in office.

Sacrow VII. 1. All bills for raising revenue shall originate in the House of Representatives; but the Senate may propose or concert.

2. Every bill which shall have passed the House of Representative and the Senate, shall, before it become a law, be presented to the President of the United States: if he approve, he shall sign it; but if shall have originated, who shall enter the objections, to that House in which it shall have originated, who shall enter the objections at large on their two thirds of that House shall agree to pass the bill, it shall be sometimed to the control of the House, and it species with the objections, to the other House, by which it shall likewise be reconsidered, and if approved by two thirds of that House, it shall become a law. But in all such cases, the vates of both House shall be determined by yeas and mays if and the names of the persons which are accepted. If any bill shall not be received to the present the shall be a law, in I ke manner as if he had signed it, within ten days (Sundays excepted) after it shall have been presented to him, the same shall be a law, in I ke manner as if he had signed it, this is the same shall be a law and the same shall be approved by him, or being disapproved by him, shall be approved by him, or being disapproved by him shall be represented to the President of the U. States;

3. Every order, resolution, or tote, to which the concurrence of the Seates and House of Representatives, according to the rules and limitations prescribed in the case of a bill.

Secritor VIII. The Congress shall have power—

1. To lay and collect taxes, future, imposts, a

14. To make rules for the government and regulation of the leaf and naval forces:

15. To provide recalling forth the millitia to execute the less of the leaf to
Secretor IX. 1. The migration or importations of such persons any of the states now existing shall think proper to admit shall set in robbited by the Congress prior to the year 1808; but a tax or day as be imposed on such importation, not exceeding 10 dollars for each may be impos

person.

2. The privilege of the writ of habeas corpus shall not be suspended unless when in cases of rebellion or invasion the public safety may us

2. The privilege of the with on masses the public safety may be quire it.

3. No bill of attainder or expect facto have shall be passed.

4. No capitation or other direct tax shall be laid, unless in propertion to the constant or enumeration herein-before directed to be islam.

5. No preference shall be given by any regulation of commerce of revenue to the ports of one state over those of another: no mid-vessels bound to, or from, one state, be obliged to enter, clear, er pay duties in another.

7. No money shall be drawn from the treasury, but in consequence of appropriations made by law; and a regular existence and account of the receipts and expenditures of all public money shall be pushed from time to time. Billy shall be greated by the U. Steine: and us person boiding any office of profit or trust under these, shall, without the consent of the Congress, accept of any present, mediumes, effice, or title of any kind whatever, from any king, prince, or fareign state. Bezriot X. 1. No state shall enter into my treaty, allianos, or confideration; grant letters of marque and reprisal; cola many; emit bills of credit; make any thing but good and shere cola a sawging in purposed of debts; pass any thing but good and shere cola a sawging in purposed of debts; pass any laing but good and shere cola a sawging in purposed of debts; pass any thing but good and shere cola a sawging in purposed of debts; pass any thing but good and shere cola a sawging in purposed of the consent of the Congress, lay my law magazing the obligation of contracts; or grant any title of mobility.

2. No state shall, without the consent of the Congress, lay my law he absoluted.

law impairing the obligation or consistent, in a morbility.

2. No state shall, without the consent of the Congress, key say imposts or duties on imports or exports, except what may be absented prosts or duties on imports or exports, except what may be absented prosts of the duties and imports, laid by any state on imports or exports, shall see for the use of the treasury of the U. States: and all such laws shall be subject to the revision and control of the Congress.

5. No state shall, without the consent of the Congress, lay my stay of tonnage, keep troops or ships of war in time of peace, easer into any agreement or compact with another state, or with a foreign power, or engage in war, unless actually invaded, or in such imminent danger as will not admit of delay.

ARTICLE II.

ARTICLE II.

Secretor I. 1. The executive power shall be vested in a President of the U. States of America. He shall hold bits office during the error of four years, and, together with the Vice-President, chosen far the same term, be elected as follows.

2. Each state shall appoint, in such monner as the legislature thereof may direct, a number of electors, equal to the whole number thereof may direct, a number of electors, equal to the whole number thereof may direct, a number of electors, equal to the whole number in the control of the congress: but no senator or representative, or person holding at elector.

3. The Congress may determine the time of checoling the speciated as elector, and the day on which they shall give their voice; which day shall be same throughout the United States.

4. No person, except a natural born citizen, or a climes of the digible to the office of Fresident; neither shall any person be eligible to the office of Fresident; neither shall any person be eligible to the office of the relievation of the constitution, shall be digible to the office of the removal of the President from office or shall down, and office, the same shall deviate on the Vice-President, and the Congress may by law provide for the case of removal, and down conveningly, until the disability be removed, or a President shall as executed.

4. The President shall, at stated time, receive for his services and content.

Ottotal.

6. The President shall, at stated times, receive for his series is compensation, which shall neither be increased nor diminished during the period for which he shall have been elected, and he shall not receive the period for which he shall not receive the shall not receive them.

7. Before he enter on the exception of his effice, he shall sake the following could be affected.

cave within this period any other encounted them the United States.

7. Before the enter on the exception of his office, he thall take the following cath or affirmation :—" I do colemnly awar (or affirm) that I will faithfully execute the office of President of the United States and will, to the best of my ability, preserve, present, and default the Constitution of the United States."

Constitution of the United States, and of the militial of the army and navy of the United States, and of the militial of the army and navy of the United States, and of the militial of the server states when called into the actual service of the United States has require the opinion, in writing, of the principal office of the executive departments, upon any subject resident and the deder of the executive departments, upon any subject resident and regions and perdons for officences against the United States, except in case of the executive of the

and partdons for effences against the United States, except minpenchroner.

5. He shall have power, by and with the advice and consent of the featas, to make trustes, provided two thirds of the sensors previous the context; and he shall necessarie, and by and with the advice and context; and he shall necessarie, and by and with the advice and context of the Senate, shall appoint ambienders, ester public salishs and consula, judges of the supreme court, and all other officers of United States, whose appointments are not breath other with previous for, and which shall be epicablehed by law; but the Congress say for, in the Predicted almos, in the courts of fear, or in the head partments.

5. The President shall have power to fill up all vectories that an happen during the recess of the Scenaie, by granting commission which shall expire at the and of their next consists.

Secretor III. He shall, from time to time, give to the Congress inbreastion of the state of the Union, and recommend to their considertion such measures as he shall judge necessaries to see the seasons of the shall judge necessaries to the shall judge necessaries the may, on extraordinary occasions, convene both Houses, or either of beam, and in case of disagreement between them, with respect to the inne of adjournment, he may adjourn them to such time as he shall hink proper; he shall receive ambessadors and other public minis-ers; he shall take care that the laws be faithfully ensessed, and hall commission all the officers of the United States.

Sacrrow IV. The President, Vice-President, and all civil officers for the United States, shall be reserved from office on impacchaese for the United States, shall be reserved from office on impacchaese tor, and conviction of, treason, bribery, or other high crimes and mindemensaries.

Secretor I. The publicial power of fet United States shall be vested in one supreme court and to go the state of the state

pensates, which stant net be diminished during their continuance is office.

Sacrose II. 1. The judicial power shall extend to all cases, in lew and equity, arising under this Constitution, the laws of the United and equity, arising under the Constitution, the laws of the United thority; — to all cases affecting amhassaders, other public indisters, and consula; — to all cases affecting amhassaders, other public indisters, and consula; — to all cases affecting amhassaders, other public ministers, and cultures between two or more states; — between a state and citizens aff another state; — between citizens of different states; — between different states; — between citizens of different states; — between citizens of different states; — between citizens of another state; — between citizens for different states; — between citizens of the pure state; — between court shall be party, the supreme court shall have appealize jurisdiction, both as to have and fact, with such exceptions, and under such regulations, as the wand fact, with such exceptions, and under such regulations as the wand fact, with such exceptions, and under such regulations of the state of the contract of the court of

say by law here descend.

Savrrow III. 1. Treason against the United States shall consist the intring war against them, or in adhering to their essential tring them and and comfort.

2. We purson shall be convicted of treason unless on the testimon the war of the war of the same over act, or on confusion in open cour tree war of the same over act, or on confusion in open cour control of the same over act, or on confusion in open cour course of the same over act, or on confusion in open course of the war of the same over act, or on confusion in open course of the war of the same over a confusion in open course of the same over a course of the same over a confusion of the same of the same over a confusion of the same of the same over a confusion of the same of the same over a confusion of t no attainder of treason shall accept during the life of the p

ABTICLE IV.

Secretow I. Pull fixith and credit shall be given in each state to t public acts, research, and judicial proceedings of every other sta And the Congress may, by general laws, prescribe the manner which such acts, records, and proceedings shall be proved, and te effect thereof.

across II. The citizens of each state shall be entitled to all rileges and immunities of citizens in the several states.

A person charged in any state with treason, fislony, or other ne, who shall fee from justice, and be found in another state, shall, element of the executive actionity of the state from which be field, islivesed up, to be removed to the state having jurisdiction of the

rime.

3. No person held to service or labour in one state, under the laws sereof, excepting into another, shall, in consequence of any law or expulation therein, be discharged from such service or labour, but shall be delivered up on claim of the party to whom such service or labour.

say be due.

Secrice III. 1. New states may be admitted by the Congress into the Union; but see new state shall be formed or erected within the urisdiction of say other state; nor any state be formed by the junction of two or more states, or parts of steats, without the consent of be legislatures of the states conserved, as well as of the Congress. 2. The Congress shall have power to dispose of and make needful shall be and excluded a respecting the isrritory or other property because of the contract of the contract of the congress of the congress shall have power to dispose of and making it this Congress.

any periodistrate.

Secretor IV. The United States that! guarantee to every state in
this Union a republican form of government, and shall protect each
of them against invator; and on application of the legislature, or of
the rescutive (when the legislature cannot be convented), against de-

ABTICLE V.

ABTULE V.

The Congress, whenever two thirds of both Houses shall deem is necessary, shall propose amendments to this Constitution, or, on the application of the legislatures of two thirds of the several states, shall convention for proposing monodunents, which in either case, all a convention for proposing monodunents, which in either case, call a convention for proposing monodunents, which may either a considerable proposed by the Congress of this Constitution, when ratified by the legislature of proposing the control stream, as the new half all the results of ratification may be proposed by the Congress; provided their nose of ratification may be proposed by the Congress; provided their nose mendment, which may be made prior to the year 1808, shall in any manner affect the 1st and 4th clauses in the 9th section of the lattricity and that no state, without its consent, shall be deprived of its equal suffrage in the senate.

ARTICLE VI.

ARTICIA VI.

1. All debts contracted, and engagements entered into, before the adoption of this Constitution, shall be as valid against the United Stease under this Constitution as under the Constitution as under the Constitution, and the laws of the United States which that is emade in pursuance thereof; and all trusties make, or which that is emade, under the authority of the United States, shall be the superme law of the land; and the judges in every state shall be bound thereby, any thing in the constitution or laws of any state to the construction of laws of any state to the construction of laws of any state to the construction of the constitution of laws of any state to the construction of the constitution of laws of any state to the construction of the constitution but no engines used shall eve be required as a qualification to any office or public trust under the United States.

ARTICLE VII.

The ratification of the conventions of 9 states shall be sufficient for

the establishment of this Constitution between the states so ratifying the same.

Done in convention, by the unanimous consent of the States present, the 17th day of Sept., in the year of our Lord 1787, and of the Independence of the United States of America the 17th. In witness whereof we have bereunts subscribed our names.

GEORGE WASHINGTON, President, and Deputy from Virginia, &c.

[Congress at their first seasion under the Constitution, Acid in the right of New York, in 1789, proposed to the legislatures of the served States, It amendments, 10 of which only were adopted. They are the first 10 of the following amendments; and they more ratified by three fourths, the constitutional number, of the States, on the 12th of Dec., 1791. The 11th amendment was proposed at the first assists of the third Congress, and was their set in an energy from the President of the U. Stoller to both Houses of Congress, dated the StA of Jan. 1798, for the U. Stoller to both Houses of Congress, dated the StA of Jan. 1798, for the U. Stoller to both Houses of Congress, dated the StA of Jan. 1798, for the U. Stoller to both Houses of Congress, dated the StA of Jan. 1798, for the Congress, was adopted by the constitutional manufactors of the eighth Congress, was adopted by the constitutional manufactors of States, in the specia 1804, according to a public motics by the Secretary of States, duied the 25th of September, 1804.]

AMENDMENTS

To the Constitution of the U. States, ratified according to the Pro-visions of the 5th Article of the foregoing Constitution.

ARTICLE I. Congress shall make up law respecting an establishment of religion, or prohibiting the free exercise thereof; or abridging the freedom of speech, or of the press; or the right of the propio peaceably to assemble, and to petition the government for a reduce of

ASTICLS IL A well regulated militia being necessary to the security of a free state, the right of the people to keep and bear arms shall not be infringed.

be infringed.

ARTHEL III. No soldier shall in time of peace, be quartered in any article of the consent of the owner, nor in time of war, but in a manuer to be present of the owner, nor in time of war, but in a manuer to be present of the people to be secure in their persons, houses, papers, and effects, against unreasonable searches and scitures, shall not be violated, and no warrants shall issue but upon probable cause, supported by oath or affirmation, and porticularly describing the place to be searched, and the persons or things to be seized.

selectioning the pasce to be searched, and the persons or things to be selectioning the pasce of the selection of the selecti

Astricts VII. In suits at common law, where the value in controversy shall exceed 20 dollars, the right of triat by lary shall be preserved; and no fact tried by a lary shall be otherwise re-examined in any court of the U. States than according to the rules of the common law.

non law.

Antricke VIII. Excessive ball shall not be required, nor excines imposed, nor cruel and unusual punishments inflicted.

Antricks IX. The enumeration, in the Constitution, of registra, shall not be constituted to deary or disputage others retain of certain the people.

As TRUE X. The powers not delegated to the U. States, by the Constitution, nor prohibited by it to the states, are reserved to the states respectively, or to the people.

As TRUE XL. The judicial power of the U. States shall not be construct to extend to six sait in law or equity, commenced or prosecuted against one of the U. States by clittens of another state, or by citizens or subjects of any foreign state.

against one of the IJ. States by citizens of another state, or by citizens or sulpices of any fossign state.

Asyrica XII. The electure shall meet in their respective states, and tools by ballot for President and Vice President, one of whom, at another tools by ballot for President and Vice President, one of whom, at the state of the part of the president of the state of the part of the president and in distinct ballots the person voted for as President, and in distinct ballots the person voted for as President, and in distinct ballots the person voted for as President, and of all persons voted for as President, and of all persons which labs they shall sagn and certify, and transmit sealed to the seat of the government of the U. States, directed to the President, which labs they shall sagn and certify, and transmit sealed to the seat of the government of the U. States, directed to the President, and the votes shall then be counted;—the person having the president same the the president, and the certificates, and the votes shall then be counted;—the person having the injuncted; and if no person have such majority, then from the persons having the highest dent, the House of Reg three, on the list of those voted for as President, the House of Reg three, on the list of those voted for as President, the House of Reg three, on the list of those voted for as President, the House of Reg three, on the list of those voted for as President, the House of Reg three, or the list of those voted for as President, the House of Reg three presidents and the president shall be the Vice-President by the president shall be those which and the president shall be received to the vice and the president shall be the Vice-President shall be the Vice-President shall be the Vice-President shall be the Vice-President; as the list, the Senate shall choose the Vice-President; as on the case of the Vice-President; as the list, the Senate shall choose the Vice-President; as the different president shall be the Vice-President; as the vice-Presid

The fact that the legislature, and that all the principal officers of the government, from the president downwards, are chosen by a widely extended system of election, constitutes the distinguishing characteristic of the American constitution. Any lengthened inquiry into the advantages and disadvantages of such a form of government would, perhaps, be foreign to our subject; and would, at all events, be incompatible with our limits. It is sufficient to observe that, as the suffrage in the greater number of the states is now nearly or completely universal, the legislature and officers of govern-ment, as well of separate states as of the Union, are chosen rather by the numerical majority than by the intelligence of the country. It has, it is true, been contended in an able, though partial article on the U. States, in the new edition of the Encyclopædia Britannica, that, "when the people have a free choice, they will always prefer merit to demerit." And no doubt this would be the case provided they could readily distinguish between the merit and demerit of the parties soliciting their suffrages. But how are they to do this? how are they to discriminate between the tares and the corn? between protestations and realities? between a simulated seal for the public interests and a secret determination to prostitute them to selfsh ends? Every one knows that the most popular individuals are not always, nor even frequently, the most deserving; but those who can best contrive to recommend themselves, whether by worthy or unworthy means, to the favour of the public. This, no doubt, is an evil that is, partially at least, inherent in all elective systems; but it becomes more obvious the lower the suffrage is extended, and the greater the number of the electors. The bulk of the latter can then know but little of the private history, connec-tions, and real character of the candidates for their favour; and having, in the great majority of instances, nothing better to trust to than pro-testations and promises, are often deceived in the estimate they form of those whom they choose for representatives. In the election to the highest offices, such as those of president and vice-president, which are chosen by the whole Union, the inconvenience now stated is not so much felt; for, before a man can aspire to such offices, he must have been for a lengthened period before the public, and have, consequently, afforded them the means of making a pretty fair appre-ciation of his public principles and conduct. But in the case of the representatives sent to the legislature of the different states, and those selected to fill local offices, the principle now noticed does not apply. In these the electors al-ways have been, and, it may safely be affirmed, always will be caught by the same baits; declamatory harangues, violent party demonstrations, and specious, though hollow, promises, will too frequently succeed where talents, knowledge, good sense, and integrity are disregarded.

The universality of the franchise in the U. States, and the frequency of elections, have the advantage of keeping the public attention alive to political matters; but this, on the other hand, keeps up the most violent party contentions; and too frequently tempts one or other party, in difficult exigencies, to resort to unjustifiable proceedings. The tyranny of a majority may be quite as oppressive as that of a despot. And where the government is so entirely dependent on the democracy, it dares not take any course, how just soever or expedient, that might clash in any way with popular prejudices. In its results, at least, the war popula is here the war Designal as it is very apt to be influenced by sudden impulses, injustice is apt to be committed before

time is given for reflection, or a fair estimate can be formed of the consequences of measures. In proof of what is now stated we may refer to the recklessness which the greater number of the separate states evinced of late years in the contraction of debts; and the shameless effrontery with which several of them have refused, notwithstanding their undoubted ability, to make good the engagements into which they had so recently entered. The mere populace has, in fact, far too much influence in America; and the government will never be secure, nor able to act consistently on just and sound principles, till this influence be diminished.

The division of the Union into separate states, each of which is, as it were, a semi-independent republic, with its local government and legislarepublic, with its local government and registrature, has some advantages, but many more defects. It enables the private and peculiar affairs of the different states to receive that proper attention that could hardly be expected from a general government, and in so far is bene-ficial: on the other hand, however, it weakens, and indeed goes far to nullify, the authority of the central government, in the transacting of the public business of the Union. The fact of all its local and private business being transacted at home makes each state regard itself rather as an independent community than as a portion of one great empire. Owing, also, to the vast extent of the Union, the inhabs, of its different states have but little intercourse with each other; and their interests as regards foreign countries may not unfrequently have little in common, and be even opposed to those of their fellow-citizens in some other quarter. What interest, for example, could the Southern States take in the question as to the boundary of Maine? And supposing the negociations respecting it had unhappily terminated in war, is it to be supposed that Louisiana, Alabama, and other states along the Guiph of Mexico, would have submitted to the burdens and privations it would have brought along with it, for a matter in which they really had very little, if any, interest? Again, in the case of the imprisonment of black sailors in Charleston, which is of importance only to the slave-holding states, is it to be supposed that their pretension will be abetted by those who repudiate slavery? But, though the States E. of the Rocky Moun-

but mought the states E. of the tocky mouth tains should hold together, we apprehend it will be quite another thing with the States on the Pacific. Their interests are not identical with, but are in various respects opposed to those of the Eastern States. And we hardly think that the miners and cultivators of California and Oregon will continue, for any very lengthened period, to pay high duties on their clothes, hardware, &c., for the sake of the weavers of Lowell and the iron founders of Pittsburgh.

Apart, however, from these prominent causes of dissension, it seems pretty clear, in the event of the central government getting, on whatever grounds, into a dispute with a foreign power, that their opponents wou'd gain a majority in the legislatures of some of the states, and it is impossible to say to what lengths faction and party spirit might carry them. The general opinion is, and we believe that it rests on a solid foundation, that had the last war with this country been protracted for a year or two longer, and been conducted with proper vigour on our part, it would have occasioned a disruption of the Union. In fact, the latter could not exist for any length of time were the country surrounded, like the European states, by other independent and formidable nations; and even as it is, the dif-

ferent interests of the different states, and the necessity of obviating, in as far as possible, the causes of disagreement, obliges the central government to adopt a timid and tentative policy, and deprives it of the greater portion of the weight and influence it would certainly enjoy were its

action at home less impeded.

Even if a purely democratic government had been more successful in America than it appears to have been, that would be but a slender re-commendation in its favour. There are so many important circumstances of a special and peculier character in the condition of America, that it would be rash in the extreme to infer that institutions suitable for her would answer equally well in other countries. The extraordinary fawen in other countries. In extraordinary fa-cilities for obtaining wealth and the means of subsistence in the U. States render universal suffrage incomparably less dangerous there than in old settled, and densely-peopled countries. The people in the former are not exposed to those severe distresses and privations which they frequently suffer in the latter; and that incomparably larger proportion of their number who are dependent on the land are always sure to obtain a pretty ample share of, at least, the necessaries of life. They have, therefore, but little motive to interfere with the rights of property, or to adopt any violent means for improving their own condition at the expense of their neighbours. Certainly, however, the conduct of some of the states in repudiating their debts shows what might be expected from them, had they any very conspicuous objects of attack, were distress at all prevalent. We do not, however, think that in this respect the Americans are at all worse than others; and our conviction is, that if we had the same sort of ultra-democratical go-vernment in England that exists in the U. States our national debt would be very speedily States our national debt would be very specified out wiped off, and our large estates parcelled out.

The American institutions are not very unsuitable for a country where property is generally diffused; and where, owing to the abundance of fer-tile and unoccupied land, every industrious man may become independent: but they are wholly unsuitable for countries in the condition of most of those in Europe. Can any one doubt that if those who have nothing were permitted to legislate for those who have, as would be the case were we subject to a system of universal suffrage, a division of property would, sooner or later, be the inevitable consequence?

sooner or later, be the inevitable consequence?

The fudiciary power of the U. States resides in a supreme court at Washington, and 48 district courts, one or more in each separate state, and the district of Columbia. The supreme court consists of a chef justice, with a salary of 5,000 doils, and at present (1860) eight associate judges, who each receive 4,500 doil. a year. The U. States are divided into 9 circuits, which are travelled separately twice a year by the judges of the supreme court; and the circuit courts have jurisdiction in all criminal cases, and in civil causes to the amount of more than 500 doils, and, in some cases, exercise a jurisdiction of appeal from the inferior courts. The laws of the U. States are bottomed upon the common and statute law of England; but capital punishments are less frequently resorted to than they used to be in this country.

On the whole, however, we apprehend it cannot be denied that the administration of justice in the U. States are labours under several, and those probably incurable, defects. Party-spirit, which is the bane of all free countries, runs very high in America, and in cases involving political considerations jurors are very apt to be biassed, and the most ovivious principles of justice are too often sacrificed to the most unworthy feelings and prejudices. In the Southern and Western States the existence of alavery.

the most obvious principles of Justice are too often sacri-ficed to the most unworthy feelings and prejudices. In the Southern and Western States the existence of alavery, the weakness of the government, and the turbulent un-ruly character of many of the settlers, oppose the most formidable obstacles to the due administration of the laws; and the fact is, that the most barbarous actions,

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and crimes of the utmost atrocity, are there frequently perpetrated with impunity. This weakness of the law keeps alive, and, in some degree, excuses the practice of Lymch key, or the execution of summary justice by the populace upon individuals whose offences the law might not be able to reach. It is not easy, however, to say whether the toleration of such a practice, or the negation of all law, be preferable. Rumerous instances may, no doubt, be specified, in which notorious offenders, who would otherwise have escaped all punishment, have, through the intervention of Lynch law, suffered the penalty due to their crimes; but, on the other hand, it exposes all individuals who have, how undeservedly soever, become objects of popular aversion and dislike, to the most serious danger; and instances have not been wanting, especially in the Southern States, in which individuals have met with the most savage treatment, and even been put to death, for manifesting some little intervent in the fate of the blacks, and some wish to meliorate their condition.

even been put to death, for manifesting some little interest in the fate of the blacks, and some wish is mellorate their condition!

The truth is, where so much power is conceded to the lower classes as in the U. States, the administration of justice must always be liable to great abuse. Juries chosen from among the people must necessarily be influenced to a greater or less extent by the feelings and preput the middle classes, and are not, therefore, so apt to be awayed by popular enthusiam, at the same time that the station, authority, and learning of the judges give them an influence over juries which it were tide to suppose should be enjoyed by such functionaries in the U States. Many of the latter, indeed, are chosen for short terms only by popular election, and carry to the judgment seat all those narrow party views that recommended them, in the first instance, to the support of their friends. It is true there have been, and still are, numerous judges in the U. States, whose learning and judicial talent would do bosour to any country; but this is not, and cannot be, the general character of this class of functionaries when chosen under such a system as prevails in America.

chosen under such a system as prevails in America.

Public Instruction is nowhere more extensively diffused than in the N. part of the Union; and the education in the common schools is of the best description. Their attention to the education of the people, and the liberal provision made to insure that grand object, are most creditable to the American legislators. Everywhere most creditable to the American legi-lators. Everywhere in New England, except in Connecticut, the primary schools are supported by a property tax; and some of the states have school funds in addition, the income of which is distributed among the towns in proportion to the number of pupils educated. The common or public free schools are managed in each district by 12 directors, chosen by the people; and the children are taught gratuitously, the only expease being for books. Each town has one of these schools, and one is generally established in every rural district of 8 or 6 sg. m. The instruction which is thus brought as it were within reach of every body, embraces the rudiments of English education, including arithmetic and geography; and in the larger towns Latin and Greek.

The principles of this system, its adaptation to the

towns Latin and Greek.

The principles of this system, its adaptation to the peculiar circumstances of the country, and i.s probable influence over the character and condition of the people, were set in the most striking point of view in a speech delivered by Mr. Webster, in an assembly held in Massachusetts in 1891:—"For the purpose of public instruction," said he, "we hold every man subject to taxation in proportion to his property, and we look not to the question whether he himself have or have not children to be berefited by the adjustion of which he have. ation in preportion to his property, and we look not to the question whether he himself have or have not children to be benefited by the education for which he pays; we regard it as a wise and liberal system of policy, by which property, and life, and the peace of society, are secured. We seek to prevent, in some measure, the extension of the penal code, by inspiring a salutary and conservative principle of virtue and of knowledge in an early age. We hope to excite a feeling of respectability and a sense of character, by enlarging the capacities and increasing the sphere of intellectual enjoyment. By general instruction we seek, se far as possible, to purify the moral atmosphere; to keep good sentiments uppermost; and to turn the strong current of feeling and opinion, as well as the censures of the law, and the demunciations of religion, against immorality and crime. We hope for a security beyond the law and above the law, in the prevalence of enlightened and well principled moral sentiment. We hope to continue and to prolong the time, when, in the willages and farm-houses of New England, there may be undisturbed sleep within unharred doors. Knowing that our government rests directly upon the public will, that we may preserve it we endeavour to give a safe and proper direction to that public will. We do not, indeed, expect all men to be philosophers, or stateamen; but we confidently trust, and our expectation of the duration of our system of government rests upon the trust, that by the diffusion of general knowledge, and good and virtuous sentiments, the political fabric may

be secure, as well against open violence and overthrow, as against the alow but sure undermining of licentiousness. We rejoice that every man in this community may call all property his own, so far as be has occasion for it to furnish for himself and his children the blessings for it to furnish for himself and his children the blessings of religious instruction and the elements of knowledge. This celestal and this earthy light he is entitled to by the fundamental laws. It is every poor man's undoubted birthright; it is the great blessing which this constitution has secured to him; it is his solace in life, and it may well be his consolation in death, that his country stands pledged, by the faith which it has plighted to all its citizens, to protect his children from ignorance, barbarism, and vice."

Out of New England an adequate provision for public schools exists in all the populous states, as Pennsylvania, New Jersey, Maryland, Virginia, &c.; and whites may everywhere procure free education. In the newly settled states the provision for the support of common schools states the provision for the support of common schools

New Jersey, Maryland, Virginia, &c.; and whites may everywhere procure free education. In the newly settled states the provision for the support of common schools has been settled by Congress; and every township is divided in 36 sections of a sq. m. each, one of which is appropriated to the support of schools. We have previously seen, that the blacks are not permitted to share in the advantages of education; and if it be determined, coste got coste, to retain them in their present abject state of slavery, this regulation cannot, perhaps, be fairly objected to. But its modification or repeal should certainly precede any attempts to improve their condition, or to invest them with any portion of the rights and privileges enjoyed by the whites.

Superior instruction is, also, provided for in the most iliberal manner, partly by the central and local governments, and partly by private individuals and associations. Academies of various degrees of excellence are found in every part of the Union. In these the ancient and modern languages, grammar, history, logic, rhetoric, natural and moral philosophy, &c., are taught. There are, besides, about 190 colleges and universities, supported by different religious demominations or by the states; and, in the more populous parts of the country, there are but for different reconstructions or such as the states is when it is not the more populous parts of the country, there are but for different reconstructions or such the states is without one or

different religious denominations or by the states; and, in the more populous parts of the country, there are but few districts of any considerable extent without one or more of these institutions. The principal are Harvard University, in Massachusetts, Yale College, in Connecticut, Dartmouth Union, Rutger's College, &c. There are about 40 theological, 35 medical, and 13 law schools, the last of which are the less frequented.

cut, Dartmouth Union, Ruiger's Colleges, &c. There are about 40 theological, 35 medical, and 12 law schools, the last of which are the level frequented.

A vast number of newspapers and journals issue from the American press. But, with some few exceptions, the newspapers and political journals are more distinguished by the violence of their party-spirit and outrageous abuse, than by ability or information. The best European works are mostly republished in America; and the Americans have themselves made some valuable contributions to the literature they have inherited from their forefathers. Numerous scientific societies are established, and science and the fine arts have made considerable progress in the Union. A vast number of hospitch and charities of all kinds, missions, Sunday-schools, prison societies, savings' banks, and other benevokent institutions, lave also been established.

The Standing Army, in 1850, amounted to 10,220 men, including 8 regiments of infantry, 4 of artillery, 3 of dragoons, 11 staff officers, and medical officers. The whole territory of the U. States is subdivided into military departments, and 3 grand divisions, the head-quarters of the E. of which are at Troy, New York, and of the W. at New Orleans, and those of the Pacific division at Sonoma, California. The army, however, has been increased in the course of this year (1851). The pay of a major-general is 300 doilars a month; of a colonel, 75 do; 30 do, with proportional rations. Sergeants-major received dollars; corporals, 9 do, and privates, 7 do, a month, without rations. No half-pay is given. The army is not a favorite service, which, considering the demand for labour, and the facilities of rising in all ordinary employments, is not to be wondered at. The native Americans are all enrolled in the militar, which, in 1849, comprised 1,914,100 men.

The Navad Force comprised, in 1849,—

ricans are all enrolled in the militia, which, in 1849, comprised 1,914,100 men.

The Naval Force comprised, in 1849, —
He Naval Force comprised, in 1849, —
He Commissions—Ships of the line, 3; rasea, 1; frigates, 7; sloops of war, 14; briga, 4; schooners, 4; steamers, 7; store ships, 6; total, 46.

He Ordinary — Ships of the line, 4; frigates, 5; sloops of war, 4; schooners, 1; steamers, 1; total, 16.

Repairing and Equipping—Sloops of war, 1; steamers, 5; store ships, 2; total, 8.
On the Stocks and Constructing — Ships of the line, 4; frigates, 2; steamer, 1; total, 7.
Marryat says, "It is impossible not to be struck with the beautiful architecture of most of these vessels. The Ohlo is, as far as I am a judge, the perfection of a ship the beautiful architecture of most of these vessels. The Ohlo is, as far as I am a judge, the perfection of a ship of the line." (Diary, iii. 8, 10.) The navy is a favourite service; and the pay is much higher proportionally than in the army: captains receive from 2,500 to 4,500 do.; assistant.surgeons, from 1,200 to 0,2700 do.; assistant.surgeons, from 1,500 to 1,750 do.; assistant.surgeons, from 1,500 to 1,750 do.; assistant.surgeons, from 550 to 1,150 do.; midshipmen, from 400 to 750 close of last war with Great Britain, to 156,713,000 dollar

do.; masters, from 750 to 1,100 dos.; and boatswars, sail-makers, &c., from 360 to 750 dollars. This sais is much higher than that in the English navy; but, acording to Captain Marryst, the officers of the American navy have not one cent more than they absolutely require, all things helps much desared in America the

cording to Captain Marryat, the officers of the American navy have not one cent more than they absolutely require; all things being much dearer in America than in England to a person not growing or otherwise producing his own necessaries, but living upon his moss. Besides which, in a country like the U. States, where any one, in a few years, by personal industry, may become independent, it would be impossible for the government to procure officers if they were not tolerably sell paid. (Dary, ill. 13.)

The Americans are justly pround of their navy, and of its gallant exploits during the last war with Englass. But it should be remembered, that the American ship were mostly of much greater size and weight of metal than the British ships which they captured; and that, in cases such as the contest between the Shannon and Chesapeake, where the ships on both sides were of searly equal force, the result was different. No doubt, however, the Americans are excellent seamen; and the bulk outfit, and discipline of their ships of war do them is nite credit. Seamen for the American navy are not obtained by impressment, but by voluntary enlistment, and unless we give up the practice of impressment, it is all but certain, in the event of another war occurring, that it will drive vast numbers of British seamen into the American service. This, in fact, it has already done. At the end of last war it was estimated that about 16,000 English seamen were in the American service; so that English seamen were in the American service; so has it may really be said that the victories of the American over English ships were in great part achieved by English seamen. It is to be hoped that we may not, by obtinately clinging to a practice fraught with injustice and oppression, so greatly lessen our own and increase the number of foreign seamen.

There are 7 answerie in the II States: those of

number of foreign seamen.

There are 7 navy-pards in the U. States; those of Portsmouth, in New Hampshire, Charleston. near Bacton, New York, Philadelphia, Washington (where all the anchors, cables, blocks, &c. required are made), Portsmouth, in Virginia, and Pensacola, in Florida.

Revenue and Expenditure.—The revenue of the Union is almost wholly derived from the customs' duties, the produce of the sales of public lands, and the port office.

produce of the sales of public lands, and the post-office 1845, the customs' duties have been as follows:

| Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Dolls | Doll The revenue derived from the sale of public lade ductuates in a still more extraordinary degree than the customs' duties, as is obvious from the following

Statement of the Quantity of Public Land sold in the U. States, and Amount paid for the same in each Year since 1834 to the end of the Third Quarter of 1885.

Years.	A cres.	Dollers.
1834	4,658,218.71	6,099,981-04
1855	12,564,478 85	1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1836	20,074,870.92	95,167,833.05
1837	5 601,103 12	7,00,,598-04
1838	3,414,992 48	
1839	4,976,382 87	6, 161, 156-79
1810	1,256,559 74	2,789,637 43
1841	1.164,796 11	1,463,361-06
1842	1,129,217.55	1,417,972-06
1843	129,217	2,016,644.30
1844	1,605,454 06	2,407,678-04
1845	1,754,763 18	2,470,303-17
	1.843,527 05	2,170,303 11
1846	2.863,730 41	2,904,637.17
1847	2,741,305 59	3,296,404 08
1848	1.887,553 14	2,621,616-76
1849	887,226 40	1,177,047-61
otal	72,440,462 96	92,312,949-90

We may remark, by the way, that this table sets the influence of the excessive over-issue of bank paper in 1886 in the clearest point of view, as well as the depression under which the Union was labouring in 1884 and 1843. The post-office revenue barely suffices to defray the expenses of the establishment, and the other sources of revenue are quite inconsiderable.

The total Revenue and Expenditure of the U. States in 1849 and 1850, we're as follows, viz.:—

-	Revenue.		.	Custome.	Lands.	M iscellaneous	Trial
	1849 1850	:	_	Della. 29,450,066 35,952,456	Dolla. 2,135,460 1,748,715	Della. 8,252,074 1,156,382	23,343,681 38,367,54
			_				1

Expendi- ture.	Civil	War.	Navy.	Interest.	Total
1849 -	Della. 11,556,605	Dalls. 21,565,371	Delle. 10,151,648	Delfo. 2,861,314	Dalle LS,6YB,06
1850 -	14,374,649	11,973,112	7,775,410	3,770,815	37,883,75

was entirely paid off in 1836. The surplus revenue which secrued in that and the years immediately following was distributed, pursuant to the act of Congress, among the several states of the Union, on condition that it should be repaid at certain intervals by quarterly instalments. But, owing to the pecuniary difficulties in which they have since been involved, the payment of the last instalment has been indefinitely postponed. Small, judged, as is the expenditure of the Union, the government having the proper has a congruence to the empharmanent ariging. noneco, as is the expenditure of the Union, the govern-ment has sometimes, owing to the embarrassments arising out of the vicious banking system with which the coun-try is afflicted, found the greatest difficulty in meeting its engagements. The cost of the late war with Mexico, inc. the sum which it was agreed to pay to that republic, is said to have amounted to above 217,000,000 dolls.

is said to have amounted to above 217,000,000 dolls. To meet this heavy expense several loans became necessary, and hence, in 1849, the Union owed a debt of 64,704,698 dolls.; which, compared with its revenue and resources, is a mere trifle.

Most of the separate states, and some of the principal cities of the Union, have contracted a greater or less amount of debt, principally for the construction of canals, railways, or other local improvements, the erection of public buildings, the establishment of banks, and other institutions, &c. Subjoined is a

Statement of the Debts of the several Indebted States of the Union, at the close of 1850: ---

States, &c.	Debts in Dollars.	Debts in Dollars. States, &co.	
Pennsylvania Maryland - Virginia S. Carolina Georgia Alabama -	15,427,255 9,310,896 1,898,472	Tennessee - Kontucky - Ohio Indiana - Illinois - Miscouri - Michigan - Arkansa Tenza - Iowa California	5,337,856 4,497,652 19,026,900 6,531,737 16,612,795 956,261 2,812,717 5,862,172 11,055,694 55,000 590,000

Some of the funds so borrowed have been profitably laid out; but a large proportion was, we believe, expended on projects, some of which will, most probably, be a total loss, while others yielded little or no revenue for years after the outlay. But their injudicious expenditure did not afford so much as the shadow of an excuse for the conduct of Michigan, Mississippl, Louisians, and other states who proceeded to repudiate their debts. Nothing, in fact, was ever heard of in the public conduct of nations more audaciously profigate than this repudiation. Necessity may compel a state, as well as an individual, to become bankrupt; but the repudiating American states had no such excuse; they were all but entirely free from the burden of taxes; and the smallest sacrifice on their part, such as the imposition of a small internal duty on snivits tohacco. they were all but entirely free from the burden of taxes; and the smallest sacrifice on their part, such as the imposition of a small internal duty on spirits, tobacco, or some such articles, consumed within their limits, would have enabled them to face all their engagements. The truth is, that their dishonesty was so glyring and barefaced, as to admit nether of palliation nor excuse. The pretences they put forward in extenuation of their roguery served only to set it in a still more striking point of view. What was it to the capitalists who made them loans, whether they expended them judiclously or employed honest agents? That was their own private affair; and to decline paying their just debts on such filmsy grounds was the climax of knavery. Our countrymen were large creditors of the states who repudiated their debts; and we would fain hope that this experience men were large creditors of the states who repudiated their debts; and we would fain hope that this experience will make them more cautious how they embark in such

will make them more cautious how they embark in such like transactions on future occasions.

At the same time, however, it would be unjust not to mention that several of the leading states of the Union have treated the doctrine of repudiation with contempt, and have honourably distinguished themselves by their adherence to their engagements. Some, also, of the repudiating states have recommenced paying their debts, with the arrears accumulated upon them; and we have little doubt that at no very distant period this will be done by them all.

done by them all. Local Taxation. - Notwithstanding the economy that pervades every department of the public service in the U. States, their civil government costs a great deal more than it is generally supposed to do, at least in this coun-try. The entire cost of the government of the try. The entire cost of the government of U. Kingdom is brought into one aggregate sum; but such is not the case in the U. States. In the latter the different states, though, in some respects, subordinate to the central government at Washington, are each, in so far as respects their own local and internal affairs, quite in-

dependent, and have separate administrations. legislative bodies, judicial establishments, and so forth. Hence, in estimating the cost of the government of the U. States, we must in-clude, in addition to the cost of the central government, the cost of the different (at present 31) state governments, some of which have large sate governments, some of which have large revenues. In 1849, for example, the revenue of the state of N. York, raised for local purposes, amounted to 5.548,981 doll.; that of Pennsylvania to 4,433,689 doll.; and that of Ohio, in 1850, to 3,092,994 doll. The revenues of some of the other states, such as Virginia, Illinoia, Louisiana, Maryland, &c., are also very large.

A portion of the revenues of some of the states.

A portion of the revenues of some of the states is derived from investments in public works, such as canals and railways, and in banking companies, &c. But the largest portion by far is derived from taxes; and these are sometimes imposed in a mode, and collected with a severity, that would be little relished in this country. Thus, in Ohio, to borrow the words of the State Auditor:

"All personal property is annually assessed by township assessors, elected by the people of the townships. Forms and instructions are prepared by the Auditor of State, and forwarded to the county auditors annually, for the use of the township assessors. A blank form is delivered to each individual, who is required to return the value of his own property, under oath, to the assessor. If any newspar refuse, to return a streament of his persons. If any person refuses to return a statement of his personal property under oath, as required, the affects or ascertains the value from such evidence as he can obtain, or from his own knowledge, and in such case he returns the party "refuse to sucer," and the county auditor adds 50 per cent.

'srgiuse to sucear,' and the county auditor adds 50 per cent, to the sum returned by the assessor as a penalty.

"Merchandise and the stock, or raw material, of manufacturers are taxed in the city, town, or township in which they are located. No matter where the owner resides, his real property, stock in merchandise, and manufactures, are placed on the list and taxed where they are situated when the assessment is made. Thus, the store, manufactory, and merchandise in the city and town are subject to the local and corporation taxes, without regard to the place where the owner resides."

Nothing, therefore, can be a greater mistake than to suppose, as many do, that the Americans enjoy an all but total immunity from taxation! In some of the states it is very heavy, quite as much so as in G. Britain, and much more so than in Ireland. Taking the general revenue of the U. States, exclusive of the portion raised by the sale of public lands, at 30,000,000 doll., we may add to it 35,000,000 doll. more for the sums raised by taxes to defray the local expenditure of the different states. Here then we have a total redifferent states. venue of 65,000,000 doll., or about 14,000,000% stg., a sum which would more than defray the entire cost of the government of this country, ex the interest of the debt and the expenditure on account of colonies.

Religion. - No particular form of religion is established

Religion. — No particular form of religion is established by law in the U. States. Each sect supports its own ministers, and provides for its own religious instruction. Subjoined is an (see top next page)

Historical Notice.— The first English settlement in America was made in Virginia, by a private company, in 1607; and during the civil wars of the subsequent period, the pop. of the states was successively augmented by numbers of Puritans from the motner country, who settled in New England, R. Catholics in Maryland, defeated Royalists in Virginia, &c., with numbers of Swedes, Germans, and others. The settlement of the several colonies, down to 1776, when the revolutionary war broke out, took place as follows: out, took place as follows:

Colonies.	Settled.	Cotonies.	Bettled.
1. Virginia - 2. New Hampshare - 3. New Jursey - 4. Delaware - 5. Mosschusetts - 6. Maryland - 7. Connectiont -	1607 1623 1624 1627 1636 1633 1635	8. Providence	1636 1638 1650 1664 1670 1682 1733

Account of the Churches or Congregations, Ministers, Communicants, &c., belonging to the principal Religious Bodies, according to Returns made 1844-50, and by Estimate.

Demonstrations.	Churches or Congre- gations.	Ministers.	Members or Commu- nicants.
Roman Catholics	1.073	1.061	1,233,350
Protestant Episcopalians -	1.232	1,497	67,550
Presbyterians, Old School -	2,512	1,860	200,830
New School -	1.651	1,551	155,000
Cumberland Presbyturians -	480	850	50,000
Other classes of Presinger	530	193	15,500
Dutch Reformed	282	299	83,980
German Reformed	261	278	70,000
Evangelical Lutherans .	1,604	663	163,000
Moravians	22	94	6,000
Methodist Episcopal -		5,042	1,112,756
l Methodist Protestant Ch	-	740	64,313
Reformed Methodists .		75	3,000
Wesleyan Methodists -		600	90,000
German Methodists (United	i		1 1
Brethren)	1,800	800	15,000
Allbright Methodists (Evan-			
gelical Ameciation) -	600	250	15,000
Mennonites	400	250	58,000
Orthodox Congregationalists	1,971	1,687	197,196
Unit. Congregationalists -	245	350	30,000
Universalista	1,194	700	60,000
8wedenborgians	42	70	5,000
Regular Baptists	8,406	5,142	686,807
Six Principle Baptists -	. 81	25	3,686
Seventh-Day Baptists -	52	43	6,243
Free-will Baptists -	1,252	1,061	56,452
Church-of-God Baptists -	97	128	10,102
Reformed Baptists (Camp-			
bellites)	1,848	848	118,618
Christian Beptists (Unit.) -	607	496	3,040
Anti-Mission Beptists	2,055	907	67,845

The delegates of the above colonies, afterwards called states, signed the memorable Declaration of Independence on the 4th of July, 1776, since which the following states have been added to the Union:—

States.	Added.	States.	Added.
14. Vermont 15. Termesse - 16. Kentucky - 17. Ohio 18. Louisiana - 19. Indiana - 20. Missiasppi - 21. Illinois - 22. Alabama 23. Alabama 18. Indiana - 18. Illinois - 18. Alabama - 18. Illinois - 1	1791 1796 1799 1892 1812 1816 1817 1818	23. Maine	1820 1820 1836 1836 1845 1845 1846 1848

It would be useless to attempt giving in this place any exposition of the causes which led to the revolutionary war, or any account of its progress. The attempts of the English minister to impose duties on certain articles imported into America, were, as every one knows, the immediate cause of the contest. But though these attempts had not been made, we are not of the number of those who suppose that the struggle could have been much longer delayed. It is idle to suppose that a powerful and rapidly growing country, on the other side of the At-lantic, should have continued to submit to have her governors appointed, and her intercourse with other countries regulated by England. At a certain stage of their progress, all great colonies must separate from their mother countries; and the only thing to be regretted in the American revolution is, that it was not allowed to take place without opposition on our part. We de-sive quite as much advantage from America, now that she is independent, as we should have done had she continued to be a colony; and we do this without being obliged to keep up expensive armaments for her defence and protection.

It will always be one of the chief glories of England, that she was the magna virum mater, that she bred and sent forth the men who established this mighty empire in the wilderness. But it would be invidious to attempt to institute any comparison between the English and Americans of the present day. That their characters have diverged considerably is certain. Nor is this to be wondered at, seeing the extremely different circumstances under which the mother people and their descendants have been placed. The merits and the faults of the latter both stand prominently forward; and may be

easily and satisfactorily accounted for by those who fairly appreciate the nature of the county they inhabit, and the institutions under which they live.

they live.

It may be further observed, that the bankruptcy and mischlef occasioned by her worthless banking system, and the disorder it occasionally introduces into all the commercial dealings of the country, only affect her property in a very slight degree. The latter is easentially bottomed on agriculture, or rather on the facility with which all classes may acquire tracts of ferrille and uncompled land. The great mass of the American citiests may, fills Anteus, on the occurrence of any difficulty, fall back upon the land, and gather new vigour from its embrace. The merchants and ship-owners in the great towns, the speculators in banks, railway and canal share, &c., may be ruined, the local governments may be reduced to a state of bankruptcy, and even the federal government be involved in difficulties, without affecting the elements of the national prosperity, or having any saterial influence over the condition of the great bulk of the people. In this respect America differs from most other countries; but it is to be observed that this diffuence depends wholly on natural circumstances; it is seccusioned by any foresight on the past of the American people, or any peculiar excellence in their government or institutions; but is merely a consequence of the physical circumstances of the country they have the good fortune to inhabit.

UNST. (See Observer and Sherland Lelent.

or institutions; but is merely a consequence of me physical circumstances of the country they have the good fortune to inhabit.

UNST. (See Orkney and Shetland Isles.)

UNTERWALDEN, one of the Four Forest Camtons of Switzerland, near the centre of the confeel, is which it holds the 6th rank; between lat. 46° 40° and 47° N., and long, 80° and 85° R., having W., Lucerne; N., the same cant., and the Lake of Lucerne; R., Uri; and the Bernese Oberland. Area, estimated at 262 sq. m. Pop. in 1859, 28,138, all R. Catholies; and of when 18,799 belonged to Upper, and 11,327 to Lower, Unterwalden. The territory consists principally of 4 valleys, inclosed by mountains of various heights, the lottest of which, the Titlis, rises to nearly 11,000 ft. above the sea. Two streams called Aa, hardly deserving the name of rivers, flow into the Lake of Lucerne; and there are several small lakes, and numerous cacases. The climate is temperate, particularly in the E., where various kinds of fruit are grown. The valleys and lower hills afford fine pasturage; which makes cattle-breeding the chief occupation of the inhabs. The castle are small, but a good cow is estimated to yield a profit of from 50 to 100 forins a year to the owner; and shout 10,000 head of cattle are annually depastured in the canton. The cheese of Unterwalden is reckoned inferier only to that of the Emmenthal; and a good deal is senting the control of the cheese castle of the senting the chief occupation of the one of the cheese cannot be also of the senting the chief occupation of the inhabs. The castle are single the chief occupation of the senting of the cheese of unterwalden is reckoned inferier only to that of the Emmenthal; and a good deal is senting the chief occupation of the cheese cannot to the owner; and about 10,000 head of cattle are annually depastured in the canton, the cheese of Unterwalden is reckoned inferier only to that of the Emmenthal; and a good form, has to be imported from Lucerne. The value of sees and the past of the cheese cannot have the

the 12th century. Mining and manufactures are manufactures are manufactures are manufactures are manufactures are manufactures are manufactures of the canton, the constitution is whally democratic. Upper Unterwalden consists of 7 communes, all the male inhabs of which above 20 years of age meet in a general assembly, exercising the sole deliberative and legislative power, on the last Sunday in April at the cap. Sarnen. The executive body, consisting of 14 principal functionaries, chosen by the general assembly, and 65 other mems, appointed by the different parishes, exercises all the high judicial and other fonctions, except in case of capital punishment; when the higher council, an assembly composed parity of special delegates, must pass sentence. Lower Unterwalder ensists of 13 communes. Its general assembly is smillarly constituted; but its government, carried on at State, the Cap., is more complicated than that of the other part of the canton, being conducted by a great variety of concile and assemblies. Public education is everywhere very backward. Both parts of the canton have but one miled voice in the Swiss diet; they contribute 382 men is the Swiss army, and 1,907 fr. a year to the federal treasury. Unterwalden, with Uri and Schwytz, formed the nucleus of the Swiss Confederation sale in the 18th.

Unterwalden, with Uri and Schwytz, formed the nucleus of the Swiss Confederation early in the 14th century; but little worth notice has occurred in usuabsequent history, except that the inhabs, of Lower Unterwalden made a vigorous opposition to the Fractive Proportionally. (Pico: Statista de la Suisse; Back & UFSAL, or UPSALA, a city of Sweden, cap. prov. d

same name, on the Sala, by which it is divided into two parts, 27 m. N. by W. Stockholm. Pop., 4,500. It is a fine, old-fashioned city. Only a few of the inhabs. are engaged in manufactures, or in the little trade carried on by the river, on which a steam navigation is kept up with Stockholm. The greater number depend for support on the University, the principal in the hingdom. This establishment was founded by Steno Sture in 1478, and modelled on the university of Paris. It was warmly patronti-ed by Gustarus Wasa, who was partly educated in &. At a subsequent period, however, it was transferred to Stockholm, but was again restored to Upsal by Charles IX. It has long enjoyed a very extensive celebrity, and is at present attended by from 1,350 to 1,450 pupils, though of these only from 800 to 900 may be resident at any one time. Thus in the winter session of 1837, the University had in all 1,276 students, of whom 874 were resident. Of the eatire number, 360 attended the theological, 300 the legal, 1/2 the medical, and 400 the philosopheiac classes. The students, like those of Scotland and Germany, lodge inside the subsequent of t

thus far for vessels of 100 tons, has a commodious wharf, and a good harbour for barges. It has no manufacture of any importance; but a considerable trade is carried on in corn, malt, coals, &c; and a good deal of cyder is brought here for shipment from Hereford and other parts.

URBINO (an. Urbinesse Hortense), a fortified town of Central listly, in the Papal States, cap. leg. and formerly of the duchy of its own name, on a mountain near the Metauro, 20 m. S.W. Pesaro. Pop. of the town only about 7,000, but, including the suburbs, 12,000 (Rompolity) and the contract of the metaury and the churches are several fine works by Raphael and other distinguished artists. Urbino has an ancient ducal palace, which, like the Palasmo Albend, is a large and fine building; a newly built cathedral, with a rich chapter and archishoppic; a university, with about 200 students; a college, hospital, seuinary, an association called by the singular title of Acasicania Assawditorum, and a court of primary jurisdition. But the legate and other chief authorities of the properties of the contract of the contra

them to confine their attention to the breeding and depasturing of cattle, and to import their corn, flour, and other provisions, and such manufactured goods as they do not produce in their cottages. The devastations of the late war, and the construction by Napoleon of the route over the Simpion, by diverting a considerable portion of the travelling and transit trade carried on through this canton into a new channel, have been especially hostile to its interests. Several metallic ores are metallic ores are twith, and Picot (p. 237.) enumerates a long list of valuable minerals found on Mount St. Gothard; but mining industry is quite insignificant.

Uri is subdivided into two districts, Uri and Ursern: Altorf is the cap. The constitution is strictly democratic. The logislative power resides in the General Assembly, composed of all the male pop. above 20 years of age, which assembles every year on the first Sunday in May, to choose the cantonal council of 44 mems, to which is confided the direct executive power. There are several inferior councils for separate departments of service. Each district has its own assembly and tribunals; and in the cap. Is a tribunal of appeal, composed of 15 mems, and presided over by the landammam. The communes are generally too poor to support public schools all the year round, and education is very backward; no libraries and presided over by the landamman. The communes are generally too poor to support public schools all the year round, and education is very backward; no libraries or literary societies worthy of notice exist in the canton. The inhabs, are under the ecclesiatical jurisdiction of the Bishop of Chur: they are mostly of the German stock, though in the S. an Italian dialect is spoken. Contingent to the Swiss army, 236 men; do. of money to the federal treasury, 1.184 fr. a year. This canton is supposed to have derived its name from the erres, or wild bull, which formerly inhabited its valleys in great numbers. Uri was one of the three cantons which revolted from the German empire in 1307, and formed the nucleus of the Swiss Confed. It was a principal theatre of war between the French and Austrians, in 1799—1800. (Picot, Statist, de la Suisses, &c.)

from the German empire in 1307, and formed the nucleus of the Swiss Confed. It was a principal theatre of war between the French and Austrians, in 1799—1800. (Picot, Statist. de la Suisse, &c.)

URUGUAY, or BANDA ORIENTAL, a republic of South America, between lat. 309 and 350 S. and long. 320 and 550 W.; having N. Brazil, E. and S. the Atlantic Ocean and the æstuary of the La Plata, and W. the Uruguay river (see ante, p. 517.), by which it is separated from the Argentine or La Plata territories. It is of nearly circular form, and is supposed to embrace an area of above 200,000 sq. m., while its pop. is not supposed. Indians included, to exceed 150,000, or at most 200,000. It is but very little known. The coast presents the aspect of a low flat plain, without wood of any kind, and as far as the eye can reach quite level in appearance with the water. Inland, however, and particularly in the N., the country is intersected by many hill-ranges alternating with valleys traversed by considerable affluents of the Uruguay. In this territory, the humidity of the soil, which is watered by numerous rivers, is corrected by the Pampero, a remarkably dry wind. The climate of Uruguay is proverbially healthy, and it is evident that the thinness of the pop. must arise from the mode of life followed by the settlers, or from political causes, and not from any deficient fertility of the soil, or other natural or necessary cause. It is divided into 9 deps., and possesses 3 principal towns, Monte Video, La Colonia, and Maldonado, 15 small towns, and 8 hamlets, without including estancias or farms, and ranchos or cottages. Monte Video, having a better port and as good a government, bids fair to become a city of greater trade and wealth than its opposite rival, Buenos Ayres, (For its trade and that of the republic generally, see the art. Monte Vinno.) Uruguay is an integral, not a federal, republic: it formed a prov., under the gov. of Buenos Ayres, till 1821, when it was taken by the Brasilians, and incorporated with Brasil under the

The lake of Urumea or Shahee was visited by Major The lake of Urumea or Shahee was visited by Major Rawlinson so late as 1838. "It extends above a degree of lat. in length, and is about 1-3d of that distance in extreme breadth. The greatest depth of water that is found in any part is four fathoms, the average is about two fathoms, but the shores shelve so gradually that this depth is rarely attained within 2 m. of the land. The specific gravity of the water, from the quantity of salt which it retains in solution, is so great, that a vessel of 100 tons' burden has a draught of no more than 3 or 4 feet. This heaviness of the water prevents the lake from being much affected by storms, which, from its extreme shal-

Owness, would otherwise render its navigation deagerous. A gale of wind raises the waves but a few, feer its as soon as the storm has passed, they subside. It is a old opinion that the waters of this lake are too salt is upport animal life. No fish, certainly, are found in a but the smaller class of zoophytes are met with in conderable numbers. The islands in the lake, until later, were barren and uninhabited; but the largest has been proposed." (Geog. Journ. X. 7. &c..)

On the E. side of the lake is the village of Shishewa, the residence of a Persian prince, Melik Kasim Miras, a brother of the late shab, who has adopted in every strictular European habits and pursuits. He has built palace in the European style, near which he has established mulherry gardens for the culture of silk, a fars yard, a glass work, a pottery, looms for wearing cotton, allk, and worsted goods, and various other kiels of manufactures. He has also built a vessel of 100 tea, which he employs in trading on the lake; on which sie, he contemplated the introduction of steam navigation. (For further particulars, see Randicascon is Geog. Journ. X. 5.—9, &c.)

USHANT (Fr. Opensant), the moust W. of the islands

(For further particulars, see Resolineson in Geog. Jown. L. 5-9, &c.)

USHANT (Fr. Onessant), the most W. of the islands off the coast of France, forming a portion of a group near the W. coast of Britany, dep. Finisterre, in ist. 40° W 8" N., long, 50° 3" W., 36 m. W.N. W. Brest. Its sreak about 2 sq. leagues, and its pop. rather exceeds 2,000 k is difficult of access, but is tolerably fertile, assorting patture to a good many sheep and horses. It has a viage, several hamlets, an old castle, and a small harbour frequented by fishing boats. Sir Edward Hawke totally defeated a French foet, under Admiral Confans, off the coast of this island, in 1799. Owing to the violence of the weather, two of the British ships accidentally got ashors, and were lost. At a later period, on the 27th July, 1774, an indecisive action took place off the Island between the English feet under Admiral Keppel, who had been second in command in the former action, and that of the French under Count d'Orvilliers.

USK, a parl, and mun. bor., market-town, and par. of

USK, a parl, and mun. bor., market-town, and par. of England, hund. Usk, co. Monmouth, on the Usk; here USK, a parl, and mum, bor., market-town, and par. of Bngland, hund. Usk, co. Monmouth, on the Usk; here crossed by a stone bridge of 5 arches, nearly in the centre of the co., 12 m. S.W. Monmouth. The modern bor, which is more extensive than the ancient, has an area of 410 acres, with a pop., in 1841, of 1,503. The town is neatly, but irregularly built, the houses being mostly detached and interspersed with gardens and erchards. It is indifferently paved; and down to a recent period was not lighted. The church, which belonged to an anciest priory, appears to have been erected in the Normal period. It was originally cruciform, but has been very much altered; the square embattled tower now at the end, seems to have been formerly in its centre; its lend, seems to have been formerly in its centre; its lend; seems to have been formerly in its centre; its lend; on a brass plate, which has not yet been satisfactorily explained. The living, a vicarage, worth \$500. a year, in the gift of — Williams, Esq. Here, also, are chapele for Independents, Wesleyans, and R. Catholics. Originally erected at the expense of the late Duke of Beaufort; is stached to which is a lock-up house for the custory of prisoners till they can be conveyed to the co. gool. The educational establishments comprise a free grammars school, founded and endowed in 1624, to which a writing school has since been attached; a national school for both sexes, supported by voluntary contributions; and almouses for 24 inmates. Near to the latter are the

school, rounded and endowed in 1624, to which a writing school has aince been attached; a national school for both sexes, supported by voluntary contributions; and almahouses for 2d immates. Near to the letter are the remains of the ancient priory previously alluded to.

'Usk is increasing not only from matural increase of pop., but also from the beauty of its situation, stracting persons of independent property to build contribution will be supported by the property to build contribution of Pont-y-pool japan ware, which employs 4 or 5 hands, as is the only one remaining in this part of the commit, the trade having removed to Birmingham. It has so other trade peculiar to it, and very little of any lind. (Parl. Bownd. Report.) Most part of the inhals, are engaged in husbandry and salmon-fishing. The earlies charter of the bor. dates from 1398; but it has not been governed for a long period by this or any other charter. The local authority is vested in a portroere, chosen annually; a recorder, 2 bailiffs, 4 constables, and an indefinite number of burgesses. It is associated with Newport and Monmouth, in returning 1 mem. to the H. of C. Total electors for the three born, in 1825.56, 1,585. Quarter sessions for the co. are held bere, as well as a county court, before which 243 plaints were entered in 1846. Usk is a place of remote antiquity, and appears to have

in 1846.

Usk is a place of remote antiquity, and appears to have formerly been of much more importance than at present. On an eminence adjoining the town are the extensive remains of its ancient castle, formerly one of the most considerable structures of its kind in the country. It came through the Mortimers, earls of March, not the possession of the crown, and was the favourite residence of Richard duke of York, nephew of Henry VI., wheet

sons, Edward IV. and Richard III., were born within its walls. At a subsequent period it belonged to the Earls of Pembroke; and is now the property of the Duke of

15

sons, Edward IV. and Richard III. were born within Its walls. At a subsequent period is belonged to the Earls of Pembroke; and is now the property of the Duke of Beaufort.

Market-day, Thursday; fairs, four times a year, for wool, horses, cattle, and pediary; and once a month for cattle only. (Beastics of England and Wales; Parl. and Miss. Bossad. Reps.)

USKUP or SCOPIA (an. Scopi), a considerable town of European Turkey, poro. Maccdonia, cap. Sandjiack, on the river of its own name, a tributary of the Vardar, 110 m. N.W. Salonica. Its pop. is estimated at about 10,000. It has a good many handsome mosques, Greek churches, &c.; but its streets, though wide, are flithy in the extreme. It is the see of a Greek archibishop, and has some manufactures of leather. A Turkish garrison is stationed in its old dilapidated castle.

USTIUG (VELIKI, or 'the Great'), a town of Russia, gov. Vologda, at the confluence of the Joug and Souchonia, tributaries of the Dwina, about 400 m. From the White Sea, and 550 m. E. by N. Petersburg. This town, though in so remote and desolate a region, has 8,000 inhabs., and is the seat of a considerable trade between Europe and Asia. It has, according to Possart, 3 cathedrais and 28 par. churches, many of which are built of stone; and several private buildings, and a large exchange, are of the same material. It has numerous allow, soap, candle, leather, and tile factories, with saw-mills, and some jewellery and silver works: but its trade is chiefly in corn, lard, linea, ship timber, and sall cloth. Its merchants, who trade with the Siberian towns generally, as far as Kiachta, were estimated in 1830, to posses an aggregate capital of 298,000 roubles; and the cown revenues are estimated at 20,000 do. a year. A large annual fair is held here on the 8th July. (Possart, Katteria jr Russland.)

UTICA, a town or city of the U. States, nearly in the centre of the state of New York, on sloping ground, ently rising from the Mohawk river, and on the line of the Eric canal, 82 m. N.W. Albany, and 180 m of an extensive and rapidly increasing commerce; and the an unmerous banks; insurance companies, and other joint-stock associations. Its manufactures are also extensive and various; and it is in the centre of a district which is well supplied with water-power, and in which there are manufactories, with power-looms, for the weaving of cotton and other cloths, the spinning of cotton yarn, &c.; with saw-mills, grist and four-mills, &c. In 1836, six weekly and two monthly periodical publications were issued in the town. It also derives considerable advantage from its being at the W. terminus of the Utica and Schenectady railroad, 77 m. in length, opened in 1830, and from another railroad, 53 m. in length, opened in 1830, and from another railroad, 53 m. in length, by which it is connected with Syracuse. In 1794, Utica was an inconsiderable village; and so late as 1820, its opp, amounted to only 2,972; but the Eric canal having been opened, in 1823, its subsequent increase has been astonishingly great. It was incorporated as a town in 1817, and as a city in 1832; and it is worthy of remark, that in the charter by which it is erected into a city, the licensing of shops and houses for the rotaling of ardent spiries is expressly prohibited! We are unable, however, to say whether this prohibition has been practically carried into effect. In the list of businesses in the town, in 1835, we observe 21 inns. (Encyc. Americans, New York Gaztteer; Americans Ainmanc, 1841-42, &c.)

UTRECHT (an. Ultra-Trajectum), a city of Holland, cap. prov. of its own name, on the Old Rhine, by which it is divided into two parts, 20 m. S. by E. Amsterdam. Pop. 44,000. It is oval-shaped, and is one of the best situated towns in the kingdom, being built on an undulating tract of land, more elevated than the surrounding territory, and having, in correquence, a drier and purer atmosphere. The country immediately around is finely wooded, and well sprinkled with farm-houces and cottages. Fleids of wheat and other grain are seen instead of unvarying

UTRERA.

Utrecht, from Amsterdam, is very fine, being through a long avenue of lime trees, which forms a favourite public walk. The city was formerly defeuded by lorty brick walls; but these are now broken and diamanticd, and the old ramparts have been converted into boukerds. Since the separation of Holland and Belgium, however, some outworks have been thrown up.

Utrecht has an antique appearance, many of the houses being built in the Gothic style: as in other Dutch towns, the material for building is mostly brick. Mr. Jacob says, "The streets are more regular, the houses more modernised, and the squares more spacious, than in other towns of Holland. In some of the streets there are canals, or rather branches of the Rhine, for though they soon terminate in stagnant canals, they have here some motion. The water is so far below the level of the thoroughfares, that the wharfs on its sides have doors opening to a kind of caverns under the streets, in which many of the poorer classes find habitations." (Tour is Germany, it. p. 4.5).

The fine public walk called the Mall, on the E. side of the town, about 2,000 yards in length, is divided into alleys by rows of linden trees. The cathedral, formerly a fine edifice, has been so much dilapldated that only the choir, transept, and tower remain: the last is wholly detached from the other parts, leaving room for a wide street on the place formerly occupied by the nave. It must have been originally larger than York Minster, but less elegant, being mostly constructed of brick. The transepts are shut up, and the only portion at present in use is the choir, fitted up in a plain manner for the Presbyterian service, though it has some fine monuments. The tower is a huge square structure, 386 ft. in height; and from its summit the view extends over a wide extent of country, comprising many cities, towns, and villages.

Utrecht has a celebrated university, founded in 1836 at the expense of the city, which ranks next to that of

over a wide extent of country, comprising many cities, towns, and villages.

Utrecht has a celebrated university, founded in 1636 at the expense of the city, which ranks next to that of Leyden: it has b faculties and 19 professors, and is attended by about 600 students. The university buildings have no outward show, but they comprise a valuable library, a pretty good museum of natural history, and extensive collections in anatomy, pathology, &c.; especially one of beautifully-executed models in coloured wax. This city has also sequired distinction from the number and excellence of fits superior schools. It has a museum of national agricultural implements, established in a fine building, once the residence of Louis Bonaparte, but this, according to Mr. Chambers, is an inferior collection. It has also a tribunal of commerce, an academy, founded in 1778, which gives prizes for the best memoirs on scientific subjects, a branch of the Society of Public Good, a mint, the machinery of which is parily wrought by air-pressure, &c.

Utrecht, being in the centre of a populous agricultural district, is more busiling than the small Dutch cities in general. It has considerable manufactures of cloth and other woulen atuffs, velvets, limen fabrics, silk twist, fowling-pieces, pins, &c., with bleaching-grounds, sugar and salt refineries, brick and tile works, &c. It sends 6 deputies to the provincial states. The famous act, called the Union of Utrecht, declaring the independence of the seven United Provinces, was signed here on the 9th of Jan 1679; and the treates of Utrecht, which

and salt refineries, brick and the works, &c. It sends deputies to the provincial states. The famous act, called the Union of Utrecht, declaring the independence of the seven United Provinces, was signed here on the 29th of Jan. 1879; and the treaties of Utrecht, which terminated the war of the Spaniah Succession and gave peace to Europe, were concluded here, in 1713 and 1714. Among other distinguished individuals, Pope Adrian VI., the preceptor of Charles V., was a native of this city. (Schreiber, Guide du Rhin; Chambers' Tour in Holland; Dict. Goig., &c.)

UTRERA (an. Hiburge Vericulum), a town of Spain, in Andalusia, prov. Seville, cap. distr. on the road from Matrid to Cadis, 14 m. S.E. Seville. Pop., according to Missano, 11,050, but, according to Capt. Scott, 15,000, mostly agriculturists. "Utrera stands in the midst of a vast plain, that may be considered the first step from the marshes of the Guadalquivir towards the Ronds Mountains, 12 m. distant to the E. A slight mound, that rises in the centre of the town, and is embraced by an extensive circuit of dilapidated walls, doubtless offered the inducement to build a town here; and these walls, some parts of which are very lofty, and in a tolerably perfect state, appear to be Roman, though the castle and its immediate outworks are Moorish. The town is large, and not walled in; the streets are wide and clean, and a plentiful stream, remarkable as being the only running water within several miles, rises near, and traverses, the place." (Scott's Ronda and Gransada, ii. 141, 142.)

It has a spacious square, 2 par. churches (one of singular architecture), various convents and hospitals, a good town-hall, prison, cavalry barracks, &c.; and near it is a convent, resorted to by a great concourse of devoteed during a festival which laste eight days from the 8th of september. The bulls bred in the vicinity are the most ferocious of any in Andalusia: and a considerable trade da carried on here in cattle and horses; it has, also, some manufactures of hats, soap, starc

its vicinity are some productive salt springs. Utrera is an important military post, being at the divergence of several cross roads. The French, when advancing upon Cadiz in 1810, made strenuous efforts to reach it before the Spanish troops under the Duke of Albuquerque; but, being anticipated by the latter. Cadis was prevented from failing into their hands. (Scott's Ronds, &c., ii.; Milisso.)

Cadiz in 1810, made strenuous efforts to reach it before the Spanish troops under the Duke of Albuquerque; but, being anticipated by the latter, Cadiz was prevented from failing into their hands. (Scot's Ronda, &c., ii.; Mikseo.)

UTTOXETER, a market town and par. of England, co. Stafford, hund. Totmonslow, near the Dove, which is here crossed by a fine stone bridge of six arches, connecting the cos. of Stafford and Derby. Area of par. 8,920 acres. Pop. of do. in 1831, 4,864. The town, 17 m. W. by S. Derby, stands on a hill sloping towards the river, and consists principally of three streets, diverging from the market-place in its centre. With the exception of the tower and lofty spire, which are ancient, the church has been recently rebulti: the living, a rectory, worth 1861 a year, is in the gift of the dean and canons of Windsor. Here, also, are several dissenting chapels. It has a free school for 14 boys, founded in 1888 by Mr. Thomas Allen, a native of the town, celebrated by Selden, Camden, and others for the extent of his mathematical and antiquarian learning; a national school supported by subscription; almshouses for 12 inmates; a fund for the apprenticeship of poor children, &c. Petty sessions are held weekly by the co. magistrates. The hardware manufacture is carried on to some extent, and there are numerous iron forges in the vicinity. Owing to the fertility of the surrounding country, especially the excellence of the pastures along the Dove, the market held here for agricultural produce, cattle, sheep, &c., is one of the best in the county. Its trade is facilitated by the Caldon canal, which joins the Trent and Mersey canal, couning within a short distance of the town. Market day, Wed. Fairs 10 times a year, chiefly for cattle, horses, and sheep.

UXBRIDGE, a market town and chapelry of England, par. of Hillingdon, co. Middlesex, hund. Eithorns, border of Buckinghamshire, on the Coine and Grand Junction canal, over each of which it has a bridge, and on the high road from London to Oxford, 15 m. N.

proof. A reading room and public library has been established.

Uxbridge has the largest country commarkets in the kingdom. A great deal of excellent flour is made at the flour-mills in the town and its immediate vicinity, and its millers and mealmen are in general as opulent as they are respectable. Large quantities of mait are, also, produced in the town, the trade of which is greatly facilitated by the Grand Junction canal. It has also an extensive manufactory of implements of husbandry, gardenchairs, &c.; and a brick-field to the S.E. of the town rumishes employment for numerous bands. The municipal government is vested in the hands of 2 constables, headboroughs, and other officers elected annually. Petty sessions for the town and several adjoining pars. are held every fortnight, and a court of requests for debts under 40s. once a month. The unsuccessful negociation between Charles I. and the parliament in 1644 took place in an old brick building called the "Treaty House," which has latterly been converted into an inn. Markets, Thursday and Saturday; fairs, 4 times a year. (Beauties of England and Wales, Prie. 1817).

UZES, a town of France, dep. Gard, cap. arrond., on the Auson, 12m. N. by E. Nismes. Pop. in 1836, ex. comm., 5,986. It is built on the declivity of a hill, at the foot of which rises the stream which was anciently conducted to Nismes by the Pond its Gard. It is old, ill built, and ill laid out. It was a bishopric in the time of the Visigoths, and the old episcopal peace, and the former residence of the dukes of Uzes, are the principal edifices: the last is a huge castle, inclosed by high walls flanked with round towers, and bearing a good deal of resemblance to the Bastle in Paris, destroyed in 1789. Uzes suffered much in the religious wars, when its bishop, chapter, and most part of its inhabs. embraced Protestantism, and destroyed their cathedral. It has a court of

primary jurisdiction, communal college, &c., and men-factures of silk hosiery, coarse woollens, pasteboard &c. (Hugo. Art. Gard; Guide du Voyageur en France.)

VAL-DR-PRNAS, a town of Spain, in New Castie, prov. La Mancha, part. Cludad-Real, in a tolerably fettle plain, 112 m. S. by E. Madrid. Pop., according to Miñano, 0,248. It is well built; the mansion of the Marquis of Santa Crus, and the warehouse of the roal tithes, before consciously a more warehouse or they and editions on the constitution of the constitution of the constitutions.

VAL-DR-PENAS, a town of Spain, in New Carlie, prov. La Mancha, part. Ciudad-Real, in a tokerably frottle plain, 112 m. 8, by E. Madrid. Pop., according to Miffano, 10.248. It is well broille; the manston of the Marquis of Santa Crux, and the warehouse of the royalithes, being conspicous among many other good edices. This town would appear to be less overstocks with religious edifices than most others in Spain, for it is said to have only one par. church and one couvest. It is, however, best known by the dry red wine produced is its neighbourhood, and hence called Val-de-Penas, which is in much request in Madrid, and approaches in quilty to some of the stronger Bordeaux wines. The breakhers is also of peculiar excellence. Some linens and some are also manufactured, and woollen stuffs are sent to the town to be dyest. It has a large fair on the 7th of Augle (Miffano.)

VALAIS (Germ. Wallis), a canton of Switzerland, is the S.E. part of the Confed., between last. 45° 50° and 45° 40° N., and long. 7° and 8° 20° Er., having N. its Bernese Oberland, N.E. Url and Tessin. E. and S. Fedmont, and W. Savoy and the canton of Vaud. Area estimated at 1,650 sq. m. Pop., in 1837, 73,738, all Romss Catholics. This canton consists of the valley of the Upper Rhone, and may be described as "an images trough," On in length, 1½ m. in depth, and 2 m. with at the bottom. The mountains on each side are the highest in Europe; they form two walls of rock, rising from 10,000 to 14,000 ft. above the Rhone: this valley from 10,000 to 14,000 ft. above the Rhone: the hown world. On the N. side are the Alps, to which belong the Finsterarhorn, Jungfrau, Breitshorn, and other escomous peaks; while the 8. boundary is formed by the great chain from Mount Blanc to St. Gothard, including the Cervin and M. Rosa. At the upper end of the valley fishing the highest in from the mountains on each side are the highest in from the sum of
in the diet equivalent to four votes. The dist meets in nually on the first Mondays in May and Nov. The est-

1810, it was incorporated with the French empire as the dep. of the Simplon; and in 1815 it again became a canton of the Confed., in which it holds the 30th rank, contributing 1,340 men to its army, and 9,600 to its treasury. (Picot, Statist. de la Suisse; Ebel; Bakewell; Conder's Italy, &c.)

VALDIVIA, a town and harbour of Chill, prov. of same name, of which it is the cap. The town, on the river Calacutta or Valdivia, about 16 m. from its mouth, is an insignificant village of wooden buts and was for

Conder's Italy, &c.)

VALDIVIA, a town and harbour of Chill, prov. of same name, of which it is the cap. The town, on the river Calacutta or Valdivia, about 16 m. from its mouth, is an insignificant village of wooden huts, and was, for the most part, ruined by the earthquake of Nov. 7. 1837; but the harbour is probably the finest, as it is one of the most strongly fortified, in the Pacific. It is in lat. 390 N3' 20' S., long. 770 33' 24' W., and consists of an astuary, formed by the Valdivia and several smaller rivers, entered by a narrow strait, the shores of which are lined by numerous batteries, mounting, in all, nearly 130 pieces of cannon. Ships of the line ride here in perfect safety; the depth of water, in the centre of the bay, being from 6 to 7 fathoms, and close to the shore 8 fathoms. During their struggle for independence, this valuable station was captured, with a very inferior Chillian force, by Lord Cochrane, on the 3d of Feb. 1830. (Mierz's Chili; Voyage of the Adventure and Beagle.)

VALENCE, (an. Julie Valentic), a city of France, cap. of the dep. Drème, on the Rhone, here crossed by a handsome suspension bridge, 50 m. S. Lyons. Pop., in 1836, 3930, or, inc. comm., 10,567. "Valence lies pleasantly on the left bank of the river, surrounded by a fertile country, shounding in mulberry, almond, and other fruit trees. Opposite the town, a conical hill rises close to the Rhone; and about a mile beyond, a long range of vine-covered hills runs parallel with the river, producing the different species of St. Peray." (Ingliz's Switzerland, &c.) The wine now alluded to, and which is not so much known in England as it deserves to be, is a dry white wine, characterised by great delicacy and sprightliness, and a favour that partakes of the odour of the violet. When bottled in the spring following the vintage, St. Peray effervences like Champagne. (Hraddrow on Wineze, p. 176.) The town is enclosed by an old wall fanshed with towers, and entered by several gates. It is irregularly laid out; but is pretty well

entive power is in a state council of five mems, elected by the diet, and who are all re-eligible, except the grand-ballit or president, who is eligible only after an interval of two years. Each commune has a court of primary jurisdiction; from which, appeal lies to the district tribunals; the supreme court for the canton consists of 13 judges, nominated by the diet for two years, but always, re-eligible. In respect of education, the Valais is behind most other parts of Switzerland. The public revenue, derived chiefly from salt and transit duties, is estimated at about 200,000 Sw. livres.

The inhabitants of the Bas-Valais are chiefly of the French, and those of the Hant-Valais, of German descent. The Valais formed a part of the Burgundiam, and afterwards the Franklish, dominions; it next became subject to its own count bishops; but in 1039, it was allied, not associated, with the cantons that formed the Swiss Confed. in the 14th century. In 1798 it entered the Confed, as a canton; but in 1802 was detached from it to form a separate republic under the protection of France. In 1810, it was incorporated with the French empire as the dep. of the Simplon; and in 1815 it again became a canton of the Confed, in which it hadds the Steph man. Dreme ; Guide du Poyageur, gc.; Inglis ; Woods ; Dici. Geog.)

VALENCIA, a kingdom or grand division of Spain, in the E. part of the peninsula, principally between the Sht and 41st deg. of N. lat., and 0° 28 E. and 1° 28 W. long., consisting of a long and consparatively narrow strip of country, extending along the Mediterranean, which bounds it on its whole length on the E.; and having inland from the N. round to the S. Catalonia, Aragon, New Castile, and Murcia. Area, 7,638 sq. m. Pop., about 969,000. This is, upon the whole, one of the finest and most productive parts of the peninsula. A great proportion of the surface, particularly in the N. and W., is mountainous and rude; but the plain country, which stretches along the coast, and is watered by the Guadalaviar, Kucar, Mogra, Segura, &c., is a species of garden. All travellers coincide as to its extreme beauty, and superior cultivation, compared with the rest of Spain. Inglis, who has travelled over many of the finest parts of Europe, says, "The view of the plain is superb. Though not greener or more beautiful than the vale of Murcia, its immense extent and great populousness produce a more

superior cultivation, compared with the rest of Spain inglia, who has travelled over many of the finest parts of Burope, says, "The view of the plain is superb. Though not greener or more beautiful than the vale of Murcis, its immense extent and great populousness produce a more striking effect. The plain is probably little less than 30 m. long, and 30 wide; on three sides it is bounded by the mountains, and on the 4th by the sea; and throughout the whole of this vast extent, there is not an acre that does not produce its crop of grain, vegetables, or rice. The olive, mulberry, ilex, algarrob, orange tree, and palm, with all of which the plain is thickly dotted, give it the appearance of a union of garden and orchard; but the populousness of the plain is even more striking than its beauty and fertility. It forms altogether a prospect that, in richness and animation, cannot be equalled in any other country.

"The plain of Valencia produces every kind of crop congenial to the climate: two and three crops in the year are taken from it, and the greater part of the land returns 8 per cent. The rice crops are among the most valuable; they are chiefly produced in the territory of Albufera, surrounding the lake of the same name. This was the property first proposed to be granted to the Duke of Wellington, but the Cortes of Valencia objected to it, and the estates near Granada were substituted. The rice grounds produce only one crop in the year, but the return is from 8 to 10 per cent. The rice is put into the ground in June, and cut in September; water is then let nupon the ground, and when the stubble rots, the land is ploughed up, and no other manure is required. In Valencia and its neighbourhood, rice is in universal use by all classes, but the produce is much greater than the consumption of the plain; and the surplus is exported to the different ports of Andalusia. The whole produce is estimated at 12,000,000 arrobas, one haif of which at least is exported; and the average price may be taken at about 1,000,000 lbs.

estate there, and the families of Villa Hermosa and Benevento have almost as much; and, in fact, there are very few persons who cultivate their own land. And, though state taxes do not weigh down industry in this prov., the Valencians are subject to heavy feudal services and seignorial demands, levied in kind on the produce of the soil, amounting to 1-7th, 1-5th, and, in some places, 1-4th, of the crop! (Mod. Trav.) But these circumstances democ sufficiently account for the depressed condition of the peasantry; which is rather to be explained by the fewness of their wants, originating in the mildness of the climate, and their want of all desire to improve their situation. situation.

No great number of cattle or horses are kept; and the

aheep, though pretty numerous, yield wool of only a mediocre quality. A good many tunnies are taken on some parts of the coast by a method similar to that practised in the Neapolitan dom. Mercury, copper, sulphur, arenic, argentiferous lead, iron, coal, &c., exist in many places; but are procured only in small quantities. Salt from aprings, marble, and potters' clay are the principal mineral products. Manufactures are unimportant: a manufactures are unimportant; in the salt is and iline fabrics are indeed made in most of the towns, and silk goods in Valencia, Gandia, &c., but, at present at least, in very inconsiderable quantities. Cordage is made from the fibre of the esparto (stipa tenaciasima), loc. issuess. &c.: and tiles similar to the Delit manufacmade from the fibre of the esparto (stips tenacissima), aloe, Ismacus, &c.; and tiles, similar to the Delt manufacture, song, glass, paper, &c., are made in small quantities. An active internal traffic is kept up, the N. supplying the S. districts with timber, earthenware, lineared woollen stuffs, esparto, brandy, cattle, &c.; while the latter send to the former corn, fish, Levant produce, silk, algarrobs, &c.; Valencia sends rice, silk, fruit, and fish to Aragon and Castile, for corn, wool, and cattle; and fish, hemp, silk, oil, rice, song, &c., to Murcia and Granada. Its foreign commerce is chiefly with Italy, England, France, Holland, and S. America; from which countries, corn, salt fish, ship-timber, pitch, tar, iron, fine linens, and other manufactured goods, are imported. Alicante, Valencia, Vinaroz, Murviedro, Benicario, and Valencia.

Alicante, Valencia, Villarus, murricus, and record of Valencia.)

Guardamar, are the principal ports. (Fischer's Picture of Valencia.)

Very different opinions respecting the character of the pop. have been entertained by different travellers.

Upon the whole, the Valencians would appear to be an airy, lively, active, but effeminate people, very different in manner from the Castilians; while their character forms apparently a still stronger contrast to the savage heroism of the Catalonians and Aragonese. Their dialect, though much akin to the Catalonian, is said to differ from it in retaining more of the provençal." (Mod. Trav., viill. 167.) This prov. was successively subject to the Carthaginians, Romans, and Visigoths, from whom it was taken by the Moors in 713. They held possession of it till 1238, when it was conquered by the Spaniards and annexed to Aragon. It afterwards formed a component part of the Spanish monarchy, but continued to preserve its representative body and its privileges, till the early art of the 18th century, when having, in the War of the Succession, taken part against the Bourbon dynasty, it was, on their establishment on the throne, deprived of its old constitution, and obliged to conform to the laws of

was, on their establishment on the throne, deprived of its old constitution, and obliged to conform to the laws of Castile. (Milano; Antillon; Inglis's Spain; Swinburne; Townsend, Twits, &c.)
Valencia (an. Valentia Edetanorum), a city of Spain, burne: Towns.c.d. Twiss. &c.)

Val.BRIG. (au. V. dientia Edetamorum), a city of Spain, cap. of the above kingdom, on the Guadalaviar, about 4 m. from its mouth, and 188 m. E.S.E. Madrid. Lat. 289 28' 58' N.; iong. 6' 24' 50" W. Pop. 65,840. (MiRoso.) It stands in a wide plain on the hauk of the river which washes its walls, and separates it from its suburbs, with which it communicates by 5 bridges, of from 10 to 13 arches. The city is nearly circular, and about 2½ m. round, enclosed by massive walls, with towers, and 4 gates. The old streets are crooked, narrow, unpawed, and frequently destitute of thoroughfare: but some new quarters have been laid out, with broad streets and squares, which are said to be well pawed and well kept. Valencia is well lighted, and quarded by a patrol of watchmen, termed servenos. It is furnished with public sewers of great solidity, which some affirm were constructed by the Romans; and it has many private wells, though only one public fountain. Good quays faced with stone, and planted with trees, line the river in the whole length of the city. A fine riew is obtained from any one of the bridges; the line of irregular buildings following the curve of the river, and the bridges, one beyond another, with the great Moorish gates, give it an air of much grandeur. Few cities, even in Spain, have, or rather had, so many religious edifices as Velencia: among these were reck-oned no fewer than 37 convents for men and 22 for women, 16 churches and 34 chapels and hermitages, religious edifices as Valencia: among these were reckoned no fewer than 77 convents for men and 22 for
women, 16 churches and 34 chapels and hermitages,
amounting altogether 86; so that we need not wonder
that the streets abounded with friars and priests, and
that the influence of the religious bodies was predominant I (Ingilis, il. 25.1.) The cathedral is of intermixed
Greek and Gothic architecture, surmounted by a dome.
It has numerous altars, a good deal of fine marble, some
bas-rellefa, and paintings by some of the first Spanish
masters. It is very rich in plate and relics. Some of
the churches have domes, but the greater part tall,
slender turrets, with all sorts of pilasters and whimsical
devices. In the multitude of sacred edifices, some may
be found that excel in particular parts, or strike by the devices. In the multitude of sacred editices, some may be found that excel in particular parts, or strike by the rickness of their decorations; but all are overloaded with 1.153.1 In most, howrecaness of their decorations; but all are overloaded with ornaments. (Swindsmer's Trav., 1. 153.) In most, how-ever, are fine paintings by Juanes, Espinosa, Ribalta, Ramires, Victoria, a pupil of Carlo Maratti, and many other artists, all natives of Valencia. The famous Supper of Ribalta is in the Corpus Christi College; and the same subject by Juanes, a work reckoned among

VALENCIA (NUEVA).

the finest pictures of Valencia, is in the church of R. Mcholas, which also possesses sundry other fine pictures.

The exchange, custom-house, the temple, a paise
built for a military order, by Charles II., the arebishop's palace, college of Fius V., and several solic
residences are worthy of notice; there are 5 hospital,
one of which is a large establishment for medical treement of all kinds, several keylums, prisons, barrack,
a theatre, &c. Inglis says, "Valencia is one of thos
cities, in which traces of Mooriah dominion are the
most visible; not in any splendid Alhambra or Alcasse,
but in every day sights and common objects. Gateways
are occasionally seen sculptured in marble upon Mooriah
designs; stones over the doors, or undermeath the wis-

but in every day sights and common objects. Gateway are occasionally seen sculptured in marble upon Moorna designs; stones over the doors, or underneath the windows, show by their chiselled marks their anises fashioners. All the Moorlab tokens also distinguishing the pop. of Seville, Malaga, and San Felipe, are founds even greater distinctness in Valencia." (Sparia, ii. 23.)

The university, founded in 1411, was formerly considered the best in Spain, particularly for the study of medicine. In 1830, it had nearly 2,500 students, who were principally divided between law and philosophy. The professors, of whom there are about 70, are frare from 50% to 130% a year. Lectures are delivered from Oct. 11. to May 31. Education in the university is nearly gratuitous, and many of the students were in the habit of receiving portions of the food distributed daily from the convents. The university library has not more than 15,000 vols., but its deficiencies are compensated by a good library in the architishop' palace, with attached cabinets of antiques, medals, &c., open for 6 hours daily. There are 6 other colleges, and many inferior academies: the royal academy of Saist Charles, for the instruction of students in the fine arts, is the only institution in the city not under the super-intendence of the priests. is the only institution in the city not under the super-

many interior acasemies: the roya massaciant Charles, for the instruction of students in the fine arts, is the only institution in the city not under the super-intendence of the priests.

The manufactures of velvets, taffetas, flowered smasks, and other silk stuffs, are said, at she end of last century, to have employed upwards of 3,000 looms; but if so, they have greatly declined in the interval. The existing manufactures comprise woollen fabrics, camlets, hats, table and other linon, gauzes, artificial flowers, leather, glass, paper, &c., with the "Valencia tiles," used for the flooring of houses in all the cities of the 50 Spain. These tiles are at once cool, and highly ornamental; but they are far from cheap, those of the bed quality being much more expensive than an equal extest of the most sumptuous carpeting. A good workman employed in painting the tiles earns about a dollar a-day. The port of Valencia is at Grao, about 2 m. distant. It is connected with the city by a broad planted avenue, forming the favourite public promenade around the city. The harbour is suitable only for boats, and the roadstead is exposed to the S. and S. W. gales. The climate, though lot, is agreeable and healthy; and the city is a good deal resorted to by invalids. Society in Valencia appears to differ little from that in other S. Spanish towns. Many display. Travellers bear testimony to the agreeable vivacity, ready wit, freedom from affectation, and obliging disposition of the inhabs. But linglis says, that is Valencia, more than in any other city, he was struck with the absence of mental cultivation. But we apprehend the traveller must have been unlucky in his acquaintance. Mental culture may and most probably is at a low level; but the city which is the seat of perhaps the most fourishing university in the country, which has, also, produced many distinguished natives, and in which the first printing-press introduced into Spain was established, is not likely to be the zero of the intellectual country and the country, which ha

scale.
Valencia was held by the Moors from 1715; but taken from them, in 1094, by the celebrated Cid, Ruis de Dias de Bivar. After his death it was governed by his widow Kimene, under whom it sustained successfully one steps against the Moors of Cordova, but ultimately captulated to them in 1101. It was retaken by James 1. of Aragon, in 1238, and peopled afterwards with Catalans and Frach settlers. It was taken by the French under Suchet, in 1812, and held by them till June, 1813. (Milliono, &c., at \$1897.a.)

VALENCIA (NUEVA), a city of Colombia, repub. VALENCIA (NUEVA), a city of Colombia, repub. Venezuela, prov. Carabobo, in a plain about 3 m. Wo the Lake of Valencia, and 18 m. S. by E. Paerto Cabello. Pop. estimated at 16,000. It covers a large retent of ground, most part of the houses having only a ground-floor. The streets are very broad, and the market-place is of great size. The entrance to the town from the N. is by a good bridge of three arches built of stone and brick; near which is the gloriests, a large circular space where the inhabs, meat in the evening for dancing and festivity. Humbookt says, "It is regretted, and perhaps justly, that Valencia has not become the capital of the country." Its situation per Puerto Cabello, with which it is said to communicate by a good road, gives it many advantages, and it is a place of brisk traffic. But it has the great disadvantage of being infested with white ants, whose excavations under-

of orisa transcription in gindested with white ants, whose excavations unuerground at certain seasons become very dangerous to the buildings of the city.

The Lake of Valencia or Tacarigan is larger than the Lake of Neurchâtel in Switzerland, but in its general form it has a nearer resemblance to that of Genera, which is about the same height above the sea. The opwhich is about the same height above the sea. The op-posite banks of the lake also offer a similar contrast. Those on the S. are desert and almost uninhabited, and Those on the S. are desert and almost uninhabited, and a screen of high mountains gives them a gloomy and monotonous appearance: the N. shore, on the contrary, is cheerful, pastoral, and set off with sugar, coftee, and cotton plantations. There are numerous islands in this lake, the waters of which are gradually diminishing. Its mean depth is from 12 to 15 fathoms; where deepest, it is not more than 40 fathoms. It abounds with fish, and is used for the purposes of commerce; but it is a singular fact, that for more than two centuries none of its navigators ever thought of using a sail! An English traveller, of no very distant period, says that a native of Biscay, settled in Valencia, had then first tried the experiment, "and the circumstance formed no small part of the conversation of those who were assembled at the pulperia of

cors ever thought of using a sail 1 An English traveller, of no very distant period, says that a native of Biscay, settled in Valencia, had then first tried the experiment, "and the circumstance formed no small part of the conversation of those who were assembled at the pulperia of La Cabrera." (Mod. Trov. xxviii. 178.: Hamboldt, Par. Narvative, iv. ch. xvi.; Codaxat, Geog. de Venezatici & E. Narvative, iv. ch. xvi.; Codaxat, Geog. de Venezatici & E. Narvative, iv. ch. xvi.; Codaxat, Geog. de Venezatici & E. Narvative, iv. ch. xvi.; Codaxat, Geog. de Venezatici & E. Narvative, iv. ch. xvi.; Codaxat, Geog. de Venezatici & E. Narvative, iv. ch. xvi.; Codaxat, Geog. de Venezatici & E. Navative, iv. ch. xvi.; Codaxat, Geog. de Venezatici & E. Navative, iv. ch. xvi.; Codaxat, Geog. de Venezatici & E. Navative, iv. ch. xvi.; Codaxat, Geog. de Venezatici & Colonia, 19.766. It is a secondary fortreas, and has a citadel constructed by Vauban. It is tolerably well built, but ill laid out; a part of it was much damaged by the severe bombardment it received in 1793, the marks of which are still visible. The Scheldt intersects the town from N. to S., dividing it into two unequal parts. There are several public buildings. The town-hall, built in 1612, is of mixed architecture, highly decorated, and contains some fine apartments; the second story is appropriated to a picture gallery, in which are some works by Rubens. Attached to it is a beifry, constructed in the 18th century, 180 ft. in height. The lower part of a handsome theatre serves for a corn-hall. The general hospital, founded in 1751, is one of the largest establishments of its kind. The public library has 18,000 vols. and the museum of natural history is rich in collections. There are military and foundling hospitals, barracks, and the museum of natural history is rich in collections. There are military and foundling hospitals, barracks, and the museum of natural history is rich in collections. There are military and foundling hospitals, barracks, and the museum of

they enjoy the reputation of heing good seamen. The country round is mostly in pasture.

St. Valery-sur-Somme is another sea-port town, on the N. coast of France, dep. Somme, il m. N.W. Abbeville. Pop., in 1836, 3,285. Its port is much larger than that belonging to the above town, and admits vessels of from 300 to 400 tons. It has large salt magazines, with manufactures of cordage and sail-cloth, and a brisk general traffic of late years, an intercourse by steam has been occasionally kept up between this town and London. been occasionally kept up between this town and London. (Hugo, arts. Seine-Instricure and Somme; Dict. Géog.

wall which encloses a large extent of ground. Swinburne says "Valladolid is a very large rambling city, full of edifices, which, during the reign of Philip III., who made it his constant residence, were the palaces of his great officers and nobility. Being abandoned by their owners, who have followed the court in all its different emigrations, they are fallen to decay, and exhibit a picture of the utmost desolation. The private houses are ill-built and ugly. The great square, some streets built upon porticoes, and many colleges and convents, are still grand, and denote something of former magnificence; but in general, Valladolid has the appearance of having been run up in a hurry to receive the court, and as if it had been meant to rebuild it afterwards, at leisure, of more durable materials than bad brick and mud, the composition of most of its present houses." (Trav., ii. 254, 255.) Upon passing the first gate from the Madrid road, the traveller enters the campo grande, a spacious area sur-

tion of most of its present houses." (Trav., ii. 284, 255.) Upon passing the first gate from the Madrid road, the traveller enters the campo grande, a spacious area surnounded by 17 convents, the scene of repeated auto de feez, signalised by the burning of not a few heretics.

Valladolid has, or recently had, 16 par. churches, upwards of 40 convents, 9 chapels, 8 colleges, 3 hospitals, several asylums, barracka, &c., though, except some of the religious buildings, none deserve much notice. The cathedral, an unfinished edifice, built by Juan de Herrera, at the expense of Philip IL. was intended to have been one of the most sumptuous in Spain; but, according to Townsend and others, it is heavy and inelegant. The church and convent of St. Benito are handsome, but the church of St. Paul is probably most worth attention, from its general elegance, and the finish of its bas-reliefs and ornaments, which, after a lapse of 300 years, seem to have suffered little by their exposure to the weather. (Townsend, i. 265.) Laborde speaks of fine sculptures by Gregory Hermandes, &c., in this and several other churches of Valladolid; but whether they have been removed is more than we can undertake to say. The

removed is more than we can undertake to say. The royal chancery is a large and fine structure in the Tuscan order. The old palace, in which Philip II. and III. were born, is an utter ruin: when Twiss visited the city its bare walls only were standing.

Valiadolid has a university founded by Alonso XI. in 1346: it was formerly distinguished for its school of jurisprudence, and continued to flourish till the end of last century; and it appears, even now, to be more frequented than Salamanca. Among the colleges of the city were one for the Scotch and one for the English, both of which were well endowed. The school of the fine arts is privileged as an academy, and has a superior arts is privileged as an academy, and has a superior collection of models in sculpture, architecture, and

Valiadolid was formerly an opulent commercial city; but its manufactures of woollen stuffs, hats, silk ribands,

painting.
Valladolid was formerly an opulent commercial city; but its manufactures of woollen stuffs, hats, silk ribands, linen and cotton yarm, paper, liquorice, perfumery, earthenware, leather, Ac. are now little more than sufficient for the supply of the town: its trade, however, would most probably increase were the Pisuerga made navigable to the Douro, only 10 m. distant. The country round produces white wine, of good quality, madder, silk, olives, &c., and coal is said to abound in the neighbourhood, though, if the statement be correct, little, if any, use is made of this valuable material.
Valladolid is the see of a bishop, under the archbishop of Burgos, the residence of a captain-general, military intendant, corregimento, &c. It was incorporated as a city, and made a bishop's see by Philip II., and was the residence of the court from his time till that of Philip IV. who removed to Madrid. Columbus, the discoverer of the New World, expired in this city on the 30th May 1906. (Michaeo; Swinderne; Townscend; Townsc Mart. Mod. Trav., xix., &c.)
VALLADOLID, or MRCHOACAN, a city of Mexico, cap. intend. of same name, in a fine valley, 130 m. W.N. Mexico. Its pop. early in the present century was estimated at 18,000, and is probably about the same at present. Mr. Ward says, "I know few places the approach to which (from the N.) is so tedious as that to Valladolid. For more than two hours you see the city apparently below you, while the road continues to wind among the surrounding hills. At length a rapid descent conducts you to the plain, where a long causeway, built across a marsh, forms the entrance to the town. The suburbs are poor and insignificant, but the high street is fine, and the cathedral, standing alone and open, has a very imposing effect. The view of the town from the Mexico side is beautiful: gardens and orchards form the foreground; while the lofty aqueduct, erected toward the end of the last century, the gorgeous churches, and a bold range of mountains behind, sill up the remaining space. Nearl

promenade; and its climate is temperate, as it stands nearly 6,400 ft. above the level of the sea. Iturbide, the

promenade; and its climate is temperate, as it stands nearly 6,400 ft above the level of the sea. Iturbide, the short-lived Emperor of Mexico, was a native of this city. Valladolid is the name of another Mexican town in Yucatan; but it is of no great importance.

VALOGNES, a town of France, dep. Manche, cap. arrond., on the Merderet, 12 m. S.E. Cherbourg. Pop. in 1835, ex. comm., 6,034. It is a well built town, and has a handsome communal college, and public library, with 15,000 printed volumes; manufactures, on a small scale, of earthenware, lace, gloves, and leather; and some trade in provisions and shell fish for the Partamarket. The ancient Roman town Alexans was situated in its vicinity. In the middle ages it had a strong castle, which, however, has been totally destroyed. Tourneur, the translator of Shakspere, and the celebrated anatomist Vicq-d'Asyr, were natives of Valogues. (Hago, art. Manche, &c.)

VALPARAISO, the principal sea-port town of Chill, prov. Santiago, on the Pacific, 60 m. N.N.W. Santiago. Lat. 330 11' 55' S., long, 710 31' 8" W. Pop. probably about 10,000. It is inconvenient and ill-built, but its appearance from the sea is imposing, being built, somewhat.

about 10,000. It is inconvenient and ill-outif, but its ap-pearance from the sea is imposing, being builts, somewhat like Hastings, at the foot of a precipitous range of hills. It consists chiefly of a straggling, long etreet, or rather terrace, for it is built only on one side, with some narrow and inconvenient thoroughfares leading out of it up the several rayings. In one of these is the elease rather terrace, for it is built only on one side, with some narrow and inconvenient thoroughfares leading out of it up the several ravines. In one of these is the plane, a small triangular space, where the market is held; and near it are the principal church, the Dominican and Franciscan chapels, &c. A little to the N. is the castle of Antonio, mounting about à dozen guns; and between it and the plans are a number of low buildings and sheds, termed the arsenal. In the N. quarter of the town, in a recess larger than the other ravines, is a collection of narrow lanes and mean houses; and many isolated dwellings are scattered about among the hills, the only access to which is by winding foot-paths. The suburb Almendral, on the sandy shore to the S., is more regularly laid out: the houses here, where there has been more room to build, consist mostly of a ground floor only; but in the town of Valparaiso all have stories above the ground floor. They are in general painted of lively colours. About the middle of the Almendral are the ruins of the church and convent of La Merced, which, like many other buildings in Valparaiso, was destroyed by the earthquake of 1822.

like many other buildings in Valparaiso, was destroyed by the earthquake of 1832.

The bay of Valparaiso is open to the N., but sheltered by helights on all other sides; and the holding ground, being mostly a stiff clay, offers a secure anchorage, except during N. gales. Opposite the custom-house, 100 yards from the shore, there are 5 fathoms water, which suddenly deepens to 10 and 20 fathoms, at the distance of 300 yards, and in the centre of the bay are from 35 to 30 fathoms. (Miers, 1. 444.) The harbour is defended by the castle, and 2 forts at the N. end of the Almendral, and another fort inland. There is no mole, nor any facility for landing goods, excent by launches. feended by the castle, and 2 forts at the N. end of the Almendral, and another fort inland. There is no mode, nor any facility for landing goods, except by launches, which are moored to the shore, and across which all packages are brought on men's shoulders; or by boats, which, bowever, can land in all weathers, in the Fisherman's Bay, between the castle and Fort St. Antonio. There are generally a considerable number of vessels in the bay, the greater part British and American; and Valparaiso continues to be the central depôt for the trade of Chill. Large quantities of corn are shipped here for Caliao and Panama, especially the former. Wheat, allow, hides, copper, the precious metals, indigo, wool, and sarsaparilla, are among the principal exports. The market of Valparaiso is well supplied with meat, poultry, fish, bread, fruit and vegetables, at very moderate prices and of good quality; and its climate is generally agreeable. (Necesson's S. America, iii. 161.) Unless, however, it have materially altered of late years, it would appear, from Mr. Miers' report, to be subject to many drawbacks as a place of residence. "Independent of the want of society, there exists no public amusement, no theatre, commercial reading or news-room, no parade, not even a single spot to walk upon, nor any retirement or exit from the town, but over the barren steep hills, which renders the exercise more a toil than a pleasure. In short, in spite of its matchless and beautiful climate, in don't have made and cheerless place of residence than Valparaiso." (Miers' Tras. in Chill, 1, 449.; Commercial Dict., &c.)

comfortable and cheerless place of residence than Vanparalso." (Miers' Tras. in Chill, i. 449.; Commercial
Dict., &c.)

VAN, a city and considerable lake of Asiatic Turkey,
pash. of same name: the city being on the R. bank of
the lake, 140 m. N. by K. Mosul, and 145 m. S.E. Erseroum. Pop., according to Col. Shiel, 12,000; but this is
most probably much under the mark, seeing that it had
been previously estimated by Kinneir at 50,000, and has
since been estimated by Mr. Brant at 7,000 families, which
would amount to at least 40,000. The inhabs, consist of
Turks, Kurds, and Armenians. It is situated in a fine
plain, covered with gardens, nearly 5,500 feet above the
sea, at the S.W. foot of an isolated rock, on which is its

VAN-DIEMEN'S LAND. citadel. It is inclosed with double walls of mud and stone, having large round and small square bestions, and is farther defended, though not on all sides, by a ditch, "The streets are narrow, dirty, and ill paved; the exterior appearance of the houses in general mean: there was, however, to be seen occasionally a residence, which showed that it had once belonged to a man of consequence; but the general aspect of the city indicated decay. The baxaars were confined, and the shops ill-furnished; and I carcely saw an article of European manufacture: there was, however, an abundance of Venetian glass beads, with which the Kurd Sensies ornament their persons. The supply of fruit was superabundant." (Brast, in Grog. Journs. x. 384.) The exceudity of the city given by Kluneir is less unfavourable; but Brant's, being the later, is perhaps also the more accurate.

but Brant's, being the later, is perhaps also the more se-curate.

It has 2 large Armenian churches, 4 large mosques, several baths, caravanserais, &c. The great boast and dependence of Van is its garden, which cover an exise-sive area between the city and the mountains. They comprise vineyards, orchards, nelon-grounds, fields, &c. In summer the inhabs. of the town mostly reside in the gardens, the roads in which being lined with houses, the whole appears like an extensive village. Streams, ber-dered with willows, run through the main avenues. (Brant, is Geog. Journ. x. 391-3.)

The caste ou the N.B. side of the town is built on a high and abrupt limestone rock, and, if the works were in proper repair and efficiently manned, would be all but impregnable. There are some very extensive excava-

imprognable. There are some very extensive excations in this rock.

tions in this rock.

The trade of Van is at present inconsiderable. About 700 looms are employed in manufacturing coarse calicess from cotton imported from Persia, mostly for home cosmumption: though some are sent to Bitlis to be dyed and exported. Almost the only other articles of export from Van, are fruits, wine, and grain, the produce of the surrounding gardens and fields. Every person of respectability has a house in town, with a country house, as orchard and vineyard, and perhaps a few fields. Most of his wants are supplied from his garden, or from the profits of a petty trade carried on with a capital of from 20% to 190%. There can be no doubt that Van is very ancient. The walls of the castle are in part Cyclopean, and many isseriptions in the cuneiform character have been discovered in the town and its environs. It is even affirmed

scriptions in the cuneiform character have been discovered in the town and its environs. It is even affirmed that the castle was originally founded by Semiransis; but it is almost needless to say that there is no evidence by which to support this very improbable statement. Timour Bec, or Tameriane, who took Van towards the close of the 14th century, is said, by the Persian writers, to have endeavoured, though ineffectually, to destroy its ancient monuments.

The Lake Van the Arcies of Ptolemy, is of a very

close of the lath century, is said, by the Persian writers, to have endeavoured, though ineffectually, to destroy its ancient monuments.

The Lake Van, the Arxies of Ptolemy, is of a very liregular shape; greatest length N.E. to S.W. 79 m.; greatest breadth about 39 m. Area estimated at 1,000 geogr. 34 m. (Geog. Journs. 1.) It seldom freezes to any distance from the shore, except at its N.E. end, where, being shallow, in severe winters, it may be crossed on the ice. It has several islands, on one of which is an Armenian monastery. It is navigated by 5 or 6 crasy boats, which are sometimes employed to convey cotton eloths to Tadvan on their way to Bittis, bringing back grain and timber. From the many wild fowl that frequent it, there is no doubt that fish abound in the lake; the fishery, however, occupies very few hands. (Geog. Journs.; Kinneti's Pers. Emp.; Smith and Desight's Missionary Researches, Istrod., 5c.)

VANCOUVER'S ISLAND, see SUPPLEMENT.

VAN-DIEMEN'S ISLAND be SUPPLEMENT.

VAN-DIEMEN'S SUPPLEMENT.

VAN-DIEMEN'S SUPPLEMENT.

VAN-DIEMEN'S LAND, or TASMANIA, an island belonging to Great Britain, in the S. Pacife and Eastern Oceans, off the S. extremity of Australia, from which it is separated by Bass's Straits, between last 41° 30° E. It is shaped like a heart. Area estimated at about 27,000 sq. m. Pop., in 1847, 70,104; of whom 43,916 were free, and 24,128 convicts: the number of aboriginal inhabitants is quite trifling. The country is in geocral hilly or mountainous. Captain Fitzroy says, "The change of scene from Sydney to Hobart Town was as atriking as a view of Gibraltar or Madeira after leaving the Downs. Comparatively speaking, near Sydney alwas light-coloured and level, while in Van-Diemen's Land we almost thought ourselves in anoth

The coasts are very much indented, and abound with excellent harbours. The climate is comparatively The coasts are very much indented, and abound with excellent harbours. The climate is comparatively healthy, being apparently more congenial to European constitutions than that of Sydney. The winters are colder; but the country seldom suffers from those long-continued droughts which are the bane of New S. Wales, nor from too much rain. Sandstone, limestone, and basalt, are among the principal geological rocks. Indications of coal have been met with, and iron ore has been dug up, some of which is said to yield as much as 80 per cent. of metal. Copper, lead, sinc, and manganese exist, but no mines have been hitherto wrought. The upper soil is usually sandy or argillacousts; or else consists of but no mines have been hitaerto wrought. The upper soil is usually sandy or argiliacous; or else consists of a rich vegetable mould. There appears to be compa-ratively a much large proportion of good soil than in Australia: fine tracts of land are found quite down to the b-nders of the see, a circumstance unusual in the last-named continent; and extensive tracts covered with the b-refers of the sea, a circumstance sinusual in the last-named continent; and extensive tracts covered with luxuriant herbage, and free from timber or underwood, and which, consequently, require no clearing on the part of settlers previously to being ploughed, are met with in all parts of the interior. Timber, however, is by no means scarce; and besides the quantities used in salp-building, the value of the exports of timber in 1843 amounted to 20,6644. The Huon and Adventure bay pines, and the black wood, are peculiar to the country: in most other respects the vegetable products, as well as the animals, are similar to those of Australia. A species of panther, which commits much have among the focks, and kangaroos, is found in great numbers; there is, however, no native dog. Poisonous reptiles are less numerous than in the adjacent continent. The aboriginal inhabitants appear to belong to the negro race of the E. Archipelago: they seem to be sunk in the lowest depths of barbarism; and are said to be ignorant even of the most useful and obvious arts, as flahing, and the construction of the rudest canoes. Their numbers have rapidly decreased since the establishment of the whites, and a few years since the greater part of those remaining in the colony were removed to Flinders' Island in Bass's Straits.

The settled portions of Van-Dismen's Land decreased in the construction of the activation of Van-Dismen's Land decreased in the construction.

Straits.

The settled portions of Van-Diemen's Land stretch across the interior from the N. to the S. E. coast along the courses of the Derwent, Tamar, and other rivers. All the W. and N. E. parts of the island are not merely unsettled, but hardly even explored.

From the settlement of the colony down to the Bist December, 1848, the extent of land granted and sold to settlers amounted to 2,721,446 acres, 1,363,437 acres being at the same time held under depasturing licenses. The plan of selling the unappropriated land by auction is now schorted in this colony, as in most others belonging to plan of selling the unappropriated land by auction is now adopted in this colony, as in most others belonging to England. And little could be objected to this plan, provided the upset price were sciffciently low, and the quantities exposed to sale suited to the wants of the different purchasers. But here, as elsewhere, the interests of the colony have been sacrificed to the quarkish scheme of concentrating the pop. by charging an exorbitant price for the land. It is true that Van-Diemen's Land has been excepted from the act (5 & 6 Vict. c. 36, regulating the sales of land in Australia, which has fixed the wind-wassen upset price, even of the worst land, at 30c. an acre! Practically, however, this feto de se policy is acted upon in this colony; and in consequence the sales of country lands in 1948 amounted to only 1,544 acres, sold at 34c. lands in 1848 amounted to only 1,544 acres, sold at Ms. an acre. And trifling as the quantity sold may appear, it is surprising it is so large; or that any person should be found to pay Ms. an acre for inferior land at the antipodes when the best land in the valley of the Mississippi is sold

for 6ir. 6d. an acre or less.
In 1848 about 171,500 acres were said to be under crop for 6i. 6d. an acre or less.

In 1848 about 171,500 acres were said to be under crop, including about 64.700 in wheat, 14,042 do. in barley, 29,463 in oats, 3,916 in potatoses, 8,856 in turnips, and 49,000 or upwards in grasses. The returns of the produce for the same year are, also, given, and provided they may be depended upon, they show that the yield of wheat is 174 bush, to the acre, of barley 23 · 00., and of oats 25 do., being not much more than half the produce of the same crops in England. This lamentable deficiency of produce may be ascribed partly, we believe, to the backward state of agriculture, and the want of care in the preparing of the land, and partly to the inferior fertility of the laster. In fact, Van-Diemen's Land, though superior as a corn-growing country to New S. Wales, is not withstanding better fitted for grazing than cropping. Wool, indeed, is here, as well as in Australia, the staple Wool, indeed, is here, as well as in Australia, the staple produce of the colony; and the increase in the breed of sheep has been so very great that the stock, which, in 1828, amounted to 856,698 head, had, in 1848, increased to 1,800,000 head. And while the imports of wool from Van-Diemen's Land into the U. Kingdom, in 1830, did not exceed 993,979 lbs., they amounted, in 1848, to 4,955,968 lbs. Maise is not raised in the colony, the climate being too cold. Apples, currants, gooseberries, be attain perfection, but the crange, citron, and pomea, NO, NOW AUM. MAINE IS NOT TRASED IN the colony, the climate being too cold. Apples, currants, gooseherries, &c., attain perfection, but the orange, citron, and pomerranate are not raised, and the grape and peach attain only an inferior degree of maturity.

Vol. II.

In 1848, the stock of cartie was estimated at 85,000 head; of horses, at 17,196; and greats, at 2,300. All kinds of stock attain a much greater size than in the neighbourhood of Sydney. During the half dozen years previous to 1836, there was a great deal of cvert-rading in the coleny, the revulsion consequent on which was productive of a great deal of suffering. But the continued importation of convicts has been the great drawback on the colony; and, besides preventing the influx of free settlers, has filled the island with vice and crime. And supposing the future importation of convicts to be prevented, it will require a lengthened period to efface the deep taint it has already importation of convicts to be prevented, it will require a lengthened period to efface the deep taint it has already importsed on the population. In 1848, 209 vessels of the aggregate burden of 18,412 tons, belonged to Van-Diemen's Land: of these 29, of about 6,000 tons burden, employed in the whale fishery, imported oil, &c., to the gross value of 104,000. We subjoin an Account of the Import and Export Trade of the Colony In 1848, the stock of cartle was estimated at 85,000 h

Account of the Import and Export Trade of the Colony in 1848.

Countries from and to which Imports and Exports were made.	Value of Imports.	Value of Experts.	
Great Britain British Colonies - Foreign States	460,144 109,990 23,920	£ 255,027 232,718 2,536	
Totals	594,154	490,281	
Ships: Inwards Outwards	Ships. 648 677	Tons. 91,883 95,985	

The great articles of export are wool, whale oil, and whalebone, and bark. The imports comprise every description of manufactured goods, colonial products, wines, farming utensils, &c. The value of the exports from the U. Kingdom to Van-Diemen's Land, in 1849, amounted to \$15.021.

amounted to \$15,021/.

amounted to \$15.021/.

The government is subordinate to that of New South Wales; but the lieutenant-governor, with the aid of the executive and legislative council, administers the local government independent of the parent-colony. The executive council consists of 5 mems., including, with the lieutenant-governor, the chief justice, colonial secretary, and treasurer, and the officer in command of the troops. The legislative council is composed of from 10 to 15 mems., appointed by warrant of the sovereign; and all the above functionaries are ex officir mems. The laws of Rugland, and acts of the British parliament, are generally administered in the colony, but special acts may be passed by the governor and council. The inditatory proceedings in the passing of all acts belong to the governor; and two-thirds of the council must be present at their passing, and the majority ove with the governor. vernor; and two-thirds of the council must be present at their passing, and the majority vote with the governor, or no proposition can become law. Civil causes are tried before a judge and two assessors, and criminal cases by a jury of seven navai or military officers. In most other respects this colony is administered in a manner similar to New South Wales. But a legislative council, partiy elected by the colonists, and partly named by the crown, is to be formed under the act 13 & 14 Vict. c. 59. Public revenue in 1848, 129.345/.; expenditure, 136,193/. Of this expenditure 5,622/ was for day schools. The settled part of Van-Diemen's Land is divided into 15 districts. Hourt Town, or Hobarton, the cap., is in the district of same name, on the Derwent, about 30 m.

expenditure 5,522. was for day schools.

The settled part of Van-Diemea's Land is divided into 15 districts. Hobart Town, or Hobarton, the cap., is in the district of same name, on the Derwent, about 20 m from its mouth, lat. 429 54'S., long, 147°24 E. Pop. of the town and district, in 1848, 21,467; of whom 5,265 were convicts. The town covers about one sq. m; it stands upon the declivities of two gentle hills, and is intersected by a fine stream from the height of the Table Mountain, which tower above the town on the W. to the height of 3,936 feet. The streets are wide, and intersect each other at right angles; and, having been from the first laid out on a uniform plan, it is built with much greater regularity than Sydney. Its houses are substantial, and 2 stories high: it has some good public buildings, including a church constructed of brick, a gaol, and a quay, close to which vessels of the largest burden load and unload. Hobarton possesses one of the finest harbours in the world. The Derwent, which here forms a fine sheet of water, is navigable for ships for 3 m. above the town, and continues to afford a safe passage for vessels of 50 tons as far as New Norfolk, 20 m. higher up, where a ridge of recks abruptly puts an end to the navigation. In 1848, 162 ships, of the aggregate burden of 14,640 tons, belonged to this port. The suburbs of Hobarton are increasing and receiving much embellishment; villas, enclosures, &c., are said to be springing up in every direction. The principal settlement on the N. side of the colony is Launceston, on the Tamar, about 40 m. from its mouth, and 105 m. N. by W. Hobart Town. The river is navigable to it for vessels of 500 tons. The other towns are insignificant.

This island was originally discovered by the navigator

other towns are insignificant.

This island was originally discovered by the navigator Tamma in 1642, and subsequently received its name in honour of a governor of the Dutch E. Indies. It was

afterwards visited and partially explored by Cook, Furneaux, D'Entrecastraux, &c.; but it was not ascertained to be an island till Bass sailed through the Straits which bear his name in 1798. The first English penal settlement was established here in 1803, and down to 1813 it continued to be merely a place of transportation from New South Wales. The settlement continued to suffer from the depredations of escaped convicts, termed bushrangers, till 1817, when these were finally put down; voluntary emigration began to take place to a considerable extent in 1831, and has since progressively increased. (Part. Rep. on Van Diemen's Land, §c.)

VANN SS, a town and esc-port of France, dep. Morbiban, of which it is the cap, at the bottom of the Gulph of Morbiban; 63 m. W. N. W. Nates. Lat. 470–39' 20' N., long. 39' 45' 4" W. Pop., in 1846, inc. comm., 11,3ed. It was formerly fortified, and entered by six gates, five of which, with some towers, still remain. It is clustered around its cathedral, and except one of why colorable streets in irregularly and except one of which, extached to the communal college, is of good architecture. The prefecture is an ancient castle; and a convent has been converted into the residence of the bishop. There were formerly many monastic establishments at Vannes; but their buildings have now mostly received other destinations, and one is appropriated to the Institutions die Pere Eternel, which, besides boarding and educating 60 poor girls, has a great many out-scholars receiving primary instruction. The edifice, now the theatre, has served at different periods for the meetings of the states of Britany, and the parliament of Rennes. Vannes has 8 hospitals, a communal college, school of navigation, a Polymathic society, established in 1836, for the culture of the arts and sciences, a public library of 8,000 vols., and manufactures of coarse cloths, linen and cotton yarn, and lace. Its port is small, and the entrance being shallow, it is fit only for vessels of small burden; on one of its side i

extent: the dep. has, however, a considerable trade with the Sardinian States, &c. It is divided into 4 arrend.; chief towns, Draguignan, the cap., Toulon, Brigmalica,

and urrasse.

VARINAS, a town of Colombia, reputb. Venezuela,
eap prov., on a tributary of the Apure, 200 m. S.W. Coracas. Pop. uncertain, being variously estimated at from
6,000 to 18,000. It is the principal mart for the excellent
tobacco grown in its prov.; but has also a considerable
trade in sugar coffies, content indices and earth which

cap. prov., on a cributary of the Apure, 300 m. S. W. Cacas. Pop. uncertain, being variously estimated at from 6,000 to 12,000. It is the principal mart for the excellent tobacco grown in its prov.; but has also a considerable trade in sugar, coffee, cotton, indigo, and cattle, which are mostly exported by way of the Apure and Urinosa. (Codensi; Geog. de Fenzescia, 4c.)

VARNA, a fortified town and seaport of European Turkey, prov. Bulgaria, on the Black Sea, at the most of the Pravadi, 47 m. E. Schumla; iat. 450 12° N. long. 27° 54′ E. Pop. estimated at about 16,000. The fortistications have been considerably enlarged and strengthead since it was occupied by the Russians in 1829. Though the residence of a pacha, it is but indifferently built, and has only an open roadstead. The latter, however, being sheltered from N. W. winds, which are the most to be feared in this sea, and having good holding ground, presents but little danger. Varna has always been a priscipal port for the shipment of wheat and other Bulgarian produce to Constantinople; and latterly how importance in this respect has been greatly increased, and she now supplies corn to all parts of the Levant, and sometimes even to England. In 1847 the exports of wheat from Varna amounted to 377,500 qrs.; and she, also, experts considerable quantities of tallow, with hidse, cheeze dried beef, wood, &c. The imports consist principally at from Varna amounted to 477,500 qrs.; and she, also, experts considerable quantities of tallow, with hidse, cheeze dried beef, wood, &c. The imports consist principally at considerable quantities of tallow, with hidse, cheeze dried beef, wood, &c. The imports consist principally at experts of the transport of the principal drawback on the trade of Varna. Were these improved, her exports of the Hungarians and their allies, noder their king Ladislaus, assisted by the famous John Honnidae, of the principal drawback on the trade of Varna. Were these improved, he

stroyed by a sudden failing in and sitting of the soit, supposed to have been occasioned by the escape of subterranean water. (Det Ris, Descrissions delite Due Sicilic, ii. 410.)

VAUCLUSE, a dep. of France, reg. S.E., between lat. 42° 40° and 42° 20° N., and loug. 4° 40° and 5° 45° E., having N. the dep. Drome, E. Basses-Alpes, S. Bouches-du-Rhone, from which it is separated by the Durance, and W. the Rhone, separating it from Clard. Area, 247, 377 hectares. Pop., in 1846, 52°, 154. The general slope of this dep. is to the W., in which direction it is traversed by many small tributaries of the Rhone. Soil, mostly calcareous, but it is only in the neighbourhood of the larger rivers that it possesses much fertility. In 1834, the arable lands were estimated to comprise 187,738 hectares; vineyards, 38,954 do.; woods, 62,141 (o.; willow plantations, &c., 2,77 do.; and heaths, wastes, &c., 67,760 do. In 1835, of 81,140 properties subject to the constrit, foncière, 38,304 were assessed at leas than 5 fr., and only 22 at 1,000 fr. and upwards. Agriculture, though still very backward, is said, of late years, to have made considerable progress. Oxen, horses, or mules are used indifferently for the plough; but the last are pracipally employed. The scarcity of other manura obliges the farmers to cut the wild box on the hills, which, being macerated and suffered to rot, is used for the purpose, and found peculiarly autitable for manuring vines. Wise and silk are among the most important products of the dep: the produce of wine may, perhaps, be estimated at about 500,000 hectolitres, of which a considerable portion is exported. The best wines are those of Caters. Evaluation, and of Childensuscyf, 42 leag, from Ornang, speaking generally, however, too little attention is paid to the culture and care of the vine. "On sen competence," says Jullien, "besucous piese de bous vine, is les proprises the farmer for a manuring wines. Wise and silk are among manue of the vine. "On sen competence," (p. 265.) In 1835, upwards of 1,500,0

ander and anise seeds. Almonds and other fruits, and essence of lavender, are among the exports. Artificial grasses are sown; but the pasture lands are not extensive, and the quantity of stock is less than in any other.

The legislative power is vested in a grand council.

grasses are sown; but the pasture lands are not extensive, and the quantity of stock is less than in any other of the S. deps. Bees are pretty numerous; the honey is of good quality; and about 60.000 kilog. of wax are supposed to be exported annually. This dep. does not appear to be rich in metals; but bui'ding stone, of good quality, line, potters' clay, &c. are plentiful. Silk fabrics are made at Avignon and Orange; and the town of Apt is famous, in the S. of France, for its carthenware and confectionery, as is Avignon for its printing establishments, and manufactures of printing types, bells, and other metallic goods. Copper, lead, and iron-plates, prep red madder, woollen stuffs, leather, paper, cordage, linen thread, glass wares, and tiles are made in this dep which has also many distilleries and dyeing-houses. Vauctuse is subdivided into 4 arronds.: chief towns, Avignos, the cap., Apt, Carpentras, and Orange. Vauctuse, a famous fountain in the above dep., close by the small village of the same name, 4 m. W. Isle, and 15 m. W. by N. Apt. This fountain has its source in a vast cavern at the foot of a rock 300 feet in height, at the bottom of a narrow gorge in the mountains. Within this cavern is a deep basin of the purest water, the surface of which appears to be perfectly smooth and placificate of the Rhone. After the melting of snows, or the occurrence of long-continued rains, the flow of water is to give birth to the small river Sorgues, an affluent of the Rhone. After the melting of snows, or the occurrence of long-continued rains, the flow of water is stonishingly copious. In ordinary states of the fountain the water escapes by percolating through the rocks, stones, and gravel, that form the outward side of the abyes: whereas during flows to versiows its banks. It is pussible, taking proper precautions, to descend, when the water is low, to its edge. Owing to its great depth to abyse; whereas until groups it overnow its banks. It is possible, taking proper precautions, to descend, when the water is low, to its edge. Owing to its great depth it appears as if it were jet black, though, as already stated, it is limpid in the extreme

This fountain is celebrated in the history of Petrarch. As old castle near the village, which belonged to his friend the Bishop of Cavallion, was frequently visited by Petrarch, and is thence called his castle. The poet, however, lived in the village. He here frequently saw Laura, who is generally supposed to have been the wife of the Count de la Sade, the lord of the village. But this is doubtful, as well as the Platonism of her lover. (Hugo, art. Vanciage, Art.)

is doubtful, as well as the Platonism of her lover. (Hugo, art. Vesuciases, and well as the Platonism of her lover. (Hugo, art. Vesuciases, and the loth rank in the confedbet ween lat. 469 and 470 N., and long. 62 and 79 12 S., having N. the cant. and lake of Neutchatel, E. Friburg and the Bernese Oberland, S. the Valais, Savoy, and the lake and territory of Geneva, and W. the dop. of Jura in France. Area, about 1,189 cg. m. Pop., in 1850, 199,565; all Protestants, except about 3,000 Rom. Catholics. Both the S. E. and N. W. extremities of this canton are mountainous; the former quarter is covered Jura in France. Area, about 1,180 aq. m. Pon., in 1806, 199,865; all Protestants, except about 3,000 Rom. Catholics. Both the S. E. and N. W. extremitles of this canton are mountainous; the former quarter is covered by ramifications of the Alps, one aummit of which, the Diablerets, rises to 11,120 ft. above the level of the sea; the latter region is traversed by ranges of the Jura. The middle of the canton, between the Jura mountains and the lakes of Geneva and Neufchstel, is a rich undulating country, and so celebrated for its agreeable character and picturesque besuty, that it has long been resorted to by visiters from many parts of Europe; in 1837, 14,500 of its inhabs. were citizens of other cantons, and mearly 4,000 foreigners! The raising of corn and wine is the chief occupation of the pop. The vineyards, reckoned the best in Switzerland, are supposed to comprise about 18,000 acres, and to employ 20,000 vinedressers, independently of women and children. The wines of La Vaux and La Cote, both grown on the shores of Lake Leman, are the best: the first is produced near Vevay, where the Romans, who erected a semple to Bacchus at Cully, are supposed to have originally planted the vine. A society of high antiquity in that town exercises a survey of the vineyards in the district, and celebrates a remarkable fite, attended by a great concourse of strangers, every 15th or 20th year. The number of cattle in Vaud has of late increased very much: in 1830, it was supposed to have about 75,000 head of cattle, 23,500 horses, and 77,000 sheep; and the improvement in the breeds is said to have kept pace with the increase of numbers. Almost the only salt springs in Switzerland exist at Bex in this cant. They were discovered in the 16th, and bought by the government of Bera in the succeeding century; in 1834, they produced a revenue of 18,428 Sw. francs. Marble, coal, crystal, sulphur, petrolesmy, and a few metallic products, are met with, though not raised in any large quantities. Manufactures are very unimportant, and mos

tence to the inhabs. Vaun is subdivided into 19 districts and 60 circles; all

circle. Its constitution is more aristocratic than that of most of the other Suiss cantons.

The legislative power is vested in a grand council of 184 mems, elected for b years, which meets yearly in May at Lausanne. The electors include a certain portion of those among the citizons who are taxed to the highest amount (ds somber des trois quested des citizons le plus imposés at l'impôt foncier), and must be neither domestic servants, recipients of public relief, bankrupt, nor under penal condemnation. Each circle sends I deputy to the grand council, who mass be an inhab. of the circle, 30 years of age, and possesses property in the canton of the value of 2,500 fr., or some equivalent thereto; the town of Lausanne sends 4 deputies; 4 candidates are also nominated by each of the circles, and from among the general list the mems. already chosen elect 63 other mems. Finally, an electoral commission, composed of the mems. of the executive body, of the court of appeal, and 40 mems of the legislative council, chooses the regalning mems, electing 35 from among the cantonal citizens 40 years of age and possessors of landed property to the value of 10,000 fr., and 18 above 25 years of 9 mems, and has the initiative in all propositions of laws and taxation. Each district has a court of primary jurisdiction, and each circle a justice of the peace. The inhabs. understand and speak French; but their common and taxation. Each district has a court of primary jurisdiction, and each circle a justice of the peace. The inhabs, understand and speak French; but their common patois is a dialect somewhat similar to the Romaniche. Schools are pretty general, and in 1834 it was estimated that I in 6 of the pop. was receiving public instruction. Public revenue, in 1834, 1,276,977 fr.; expenditure, 1,115,655 do.

This territory nearly convenued to the Roman Unit.

1,110,000 do.

This territory nearly corresponds to the Pagess Urbigenss of Casar. It successively belonged to the Burgundian and Franklish kingdoms, the Germanic Empire, and the dukes of Zahringen. From 1272 to 1896 it was gundian and Frankish kingdoms, the Germanic Empire, and the dukes of Zabringen. From 1973 to 1856 it was possessed by Savoy; and by the gov. of Bern from the latter year till 1798, when it was erected into the canton of Leman. It reassumed its present name in 1808. It furnishes 2,964 men to the army, and 59,273 fr. a year to the treasury of the Swiss Confederacy. (Picos, Statist. de la Swisse; Ebel; Bowring's Rep. on Switner-

Statist. de la Suisse; Ebet; Bouring's Rep. on Suntiser-land.)

VFLP.Z-MALAGA (an. Menole), a town of Spain, in Andalusia, prov. Malaga, cap. distr. on the Velez, near its mouth, and 14 m. E.N.E. Malaga. Pop., with its vicinity, according to Miffano, about 14,000. "The town is slightly elevated above and on the left bank of the stream, and is commanded by the neighbouring hills. The streets are wide, clean, and well paved; but the thiving commerce, and abundant market naturally looked for in a place once so noted for the productive-rose of its orphards and extent of the syncer trade

The streets are wide, clean, and well paved; but the thriving commerce, and abundant market naturally looked for in a place once so noted for the productiveness of its orchards and extent of the productiveness of its orchards and extent of the export trade, are no longer to be seen." (Scott's Ronda and Granda, i. 219.) Under the Moors, Veles was a place of considerable strength, and had a castle, now in ruins. It has two par. churches, six convents, several workhouses, a prison, public granary, &c., and some fine public promenades. It is said to be peculiarly well situated; itselfunate is not oppressively hot, the town being sheltered by the neighbouring heights; and its neighbourhood is very fertile, producing sugar, coffee, cotton, cochineal, large quantitles of wine, silk, various fruits, the sweet of bats, soap, brandy, &c. It was taken from the Moors in 1487, the siege having been conducted by Ferdinand in person. (Milano; Toursacent; Scott; &c.)

YELLETRI (an. Pelitres), a town of & Italy, Papal States, Comarca di Roma, near the Appian Way, 20 m. S.E. Rome. Pop. about 10,000. It stands on a commanding eminence at the foot of Mount Artemisio, and enjoys an extensive view of the Pontine Marshes, as far as Monte Circello, and of the sea, with the range of the mountains of Norba, Cora, and Segni, and even those beyond Palestrina. It is surrounded by ruined walls, with decayed towers, and ruinous curtains, and is but indifferently built. It has a town-hall by Bramante, and some fine palaces. The principal square has a fine fountain, and a broone statue of Pope Clement VIII. The Borgian Museum, now in Naples, was originally established in the Borgian palace, in this town. The inhabs, are mostly peasants, who work in the neighbours, although the place is full as dirty, and the inn as miserable." Pelitræ spears to have been one of the most considerable cities of the Volsci, and is said by Dionysius to have been fortified by Cellement VIII. The inhabs. are mostly peasants, who work in the neighbouring fields and v

VELLORE.

VELLOR

Europeans, took place nere, or written hypero a meanly were supposed to have been the instigators. This occasioned the removal of the latter to Calcutta. (Hassilfon's E. I. Gauctiect.)

VENDER (LA), a maritime dep. of France, reg. W.; formerly included in the prov. of Pottou, and, exclusive of the Islands Dieu and Noirmoutiers, extending between the 66th and 67th degrees of N. Isl., long. 6° 35′ and 5° 10′ W.; having N., Loire-Inférieure and Mainest Loire: E. Deux-Sèvres; S., Charente-Inférieure; and S.W. and W.; the Atlantic. Area, 781,700 hectares. Pop., in 1846, 376,184. No portion of the surface is much elevated; the E. part of the dep. is undusting, though nowhere rising to the height of 500 ft. The principal rivers are the Sevre-Nantaise and Nioraise, Antise, Vendée, Lay, Yon, and Vic. The Vendée ries in the dep. Deux-Sèvres, runs generally in a S. W. direction, and joins the Sèvre-Nioraise, after a course of about 16 leagues, only a small portion of which is navigable. Fontensy is the only town of consequence on its banks. The dep. is subdivided into 3 districts; the marshes, the plain country, and the bocage. The marshes extend principally along the coast; the bocage, so called from the wood sprinkled over it, occupies the centre and upper parts of La Vendée; and the plain country, a great part of which is very fertile, comprises the rest of the surface. In 1834, the arable lands were estimated to consprise 408,555 hectares; pastures, 109,895 do.; vine-yards, 17,700 do.; and woods, 29,600 do. Agriculture is conducted in much the same way as in the adjacent dep. of Loire-Inférieure (which see). Lesses run from 3 to 7 years. Few of the farms are let for money; but the rest, paid in produce, may be equivalent for corn land to 6ft.; for vineyards, 34 fr.; and for meadow lands, 40 fr. an acre. In the plains the ground is left kille the second very land of the farms are let for money; but the rest, paid in the produce, may be equivalent for corn land to 6ft.; for vineyards, 34 fr.; and for meadow lands, 40 fr

farmed. The farmers are without capital, and badly provided with implements, and have not half the number of labourers required for the land; the fields are always full of weeds, for the roots are left entire by the bad ploughs in use, and from the want of hands to pluck them out." (Parl. Rep. on Agriculture, 1834.) A greater quantity of wheat is grown than in any other of the W. deps.; and, next to it, bariey is the grain principally cultivated. Flax and hemp are grown to a considerable extent in the marshy tracts. A large quantity of wine, principally white, is produced; but, according to Jullien, it is d'une qualité trè-médicore, et ca général vert, plat et sujet à tourner à la graisse des la première année. (P. 147.) This inferiority is accribed to the circumstance of the cultivators being more anxious to increase the principally swite, is produced ; out, according to Junien, it is d'use qualité trè-médicore, et en général vert, plas et sujet à tous ner à la graisse des la première asmée. (P. 147.) This inferiority is acribed to the circumstance of the cultivators being more anxious to increase the quantity than to improve the quality of their wines. Throughout a great part of the dep., estates are usually divided into farms of from 45 to 60 acres; and in the plain country few farms of this size have fewer than 60 or 80 sheep. The annual produce of wool is estimated by Hugo at 600,000 kilogr. Oxen are sold from the plain to the bocage farmers, who fatten a good deal of stock. In some places mules are used for ploughing: they are brought from Deux-Sèvres when young, and after having been worked lightly for 4 or 5 years, are sold to merchants for the Spanish market. (Rep. os Agric.) In 1835, of 124,113 properties subject to the coastrib. foncière, 69,644 were assessed at less than 5 fr., and 17,037 at from 5 to 10 fr. (Afficial Tablez.) A little lead and antimony, with some iron and coal, are obtained; but the dep. is not rich in mineral products. Pilchards are taken on the coast, and the inhabs. of Sables d'Olonne are interested in the Newfoundland fishery. Manufactures few; being principally of hats and woollen stuffs, for home consumption. La Vendée is divided into 3 arronds; chief towns, Bourbon Vendée, Fontenay, and Sables d'Olonne. It sends 8 mems. to the Ch. of Dep. Reg. electors in 1838-39, 1,477. Total public revenue, in 1831, 6,671,303 fr. This dep. is distinguished for the chivairous and obstinate stand made by its inhabitants during the progress of the French revolution, in favour of the rights roperations of the Bourbons. In this, no doubt, they were a good deal assisted by the nature of the country; but their gallantry and their sacrifices were alike remarkable, and were worthy of a better cause.

(Hugo, art. La Fendée; Dict. Géog.; Premeh Official Tables.)
VENDOME, a town of France, dép. Loir-et-Cher. cap. arrond.; on the Loir, 30 m. N. W. Blois. Pop., m. 1886, ex. comm., 7,090. It is well built, clean, and handsome. The remains of an ancient castle, the commence college, exalry barracks, theatre, and public library, are the objects most worthy notice. It has manufactures of kid gloves, cotton cloths, hosiery, yaru, paper, and leather.

leather.

VENEZUELA, see COLOMBIA.

VENICE (Ital. Fenezia), a famous maritime city of Austrian Italy, formerly the cap, of the republic of the same name, and now of E. Lombardy, on a cluster of numerous small islands, in a shallow, but extensive lagon, about 4 m. from the mainiand, in the N. W. porties of the Adriatic, 75 m. W. by S. Trieste; bst. 45° 25° 35" N., long. 15° 20° 31° E. Pop., in 1842, 110,000. The speciance of Venice, from whatever side she may be approached, is striking and singular in the extresse. Owing to the lowness of the falands on which she is built, she seems to float upon the sea,

" from out the wave her structures rms,

She is divided into two principal portions, of nearly equal size, by the Grand Canal (Il Canade Maggiore), a serpentine channel, varying from about 100 to 180 ft. in width, crossed by the principal bridge of the city, the celebrated Ritalio. The various islands, which form the foundations of these two grand divisions, are connected by numerous bridges, which, being very steep, and intended only for foot-passengers, are cut into steps on either side. The canala, or rit, crossed by these bridges, intersect every part of the town, and form the "water-streets" of Venice; by far the greater part of the stereourse of the city being carried on by their means in gondolas or barges.

streets " of Venice; by far the greater part of the intercourse of the city being carried on by their means in gondolas or barges.

But, besides the canals, Venice is everywhere traversed by streets, or rather passages (calle), bearing a striking resemblance to Cranbourn Alley; and so very narrow, as to be in general only 4, and seldom more than 5 or 6, it is width! The only exception is the Mercervia, a street in width! The only exception is the Mercervia, a street in the centre of the city, lined en each side with handsome shops: but even this, which may be regarded as the Portland Place, or Regent Street of Venice, is only from 19 to 30 ft. across! To ride in a carriage, or as horseback, is here wholly out of the question. The streets, or lanes, are consequently not paved with round stones, or blocks, but with flags, or marble slabs, having small sewers for carrying off the filth. Almost all the principal houses have on one side a canal, and on the other a lane, or cale. The former, hewever, is the grand thoroughfare; and gondolas, or canal-boats, are bere the universal substitute for carriages and horses. They are generally long, narrow, light vessels, and, though rowed only by a single gondoler with one cer, cut their way through the water with extraordinary velocity. A sumptury law of the old regime directed that the gendolas should all be painted black. In the middle is an apartment fitted with glass windows, blinds, cushiens, &c., for the accommodation of 4 persons. Some of the gondolas, belonging to private families, are magnificently fitted up. The charge for a gondola is about 104 mour; and with it you may soon visit every part of the city.

fitted up. The charge for a gondola is about 10st an hour; and with it you may soon visit every part of the city.

In many parts there are small squares, or compt, in which are usually cisterns, for the careful preservation of rain water; but the only open space of any magnitudes is the plazua of St. Mark, with the plazustet leading to it, and forming the state entrance to Venice from the sea. "The plazusta is at right angles with the great square, branching off in a line with the church of St. Mark. On one side, and turning a side front to the port, is the old palace of the dogs; on the other side are the secon or mint, and the library of St. Mark, the regular architecture, and fresh and modern appearance of which seem to mock the fallen majesty of their antiques neighbour. On the sea shore, which forms the 4th side of the plazusetta, stand two magnificent grantse columns, each of a single block; one crowned with the winged lion of St. Theodore. Between these two columns, in former times, public executions took place." (Conder's Insign.) The plazus of St. Mark is an oblong area, about 800 ft. by 350, flagged over. Two of its sides consist of regular buildings with deep arcades. Each side is itself uniform, though not similar to the other. On the N. is the French, who erected in its stead the staircase of the new Imperial palace. At the opposite end are the cathedral of St. Mark, the Orologio, and the Campanile; and in frost of the cathedral are 3 tall poles, supported on handsome bases of bronze, whence the flags of the Morea. Creta, and Cyprus were formerly displayed. From being the

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enly piece of open ground in Venice of any consequence, this square is almost constantly thronged with company, and it is the scene of all the public masquerades, festivals, &c., that take place in the city.

Venice has a vast number of fine private palaces by Sansovino, Palladio &c.; but many of its public buildings are more remarkable for gorgeousness and display, than for purity and taste. They present generally a theterogeneous intermixture of Byzantine, or other Eastern, with Greek, Roman, and Gothic architecture. The celebrated church of St. Mark is not Gothic, Saracenic, or Roman, but a mixture of all those styles; neither a church nor a mosque, but something between the cenic, or Roman, but a mixture of all those styles; nei-ther a church nor a mosque, but something between the two; too low for grandeur, too heavy for beauty, no just proportion being preserved among the different parts. Yet it has the effect of grandeur, and a sort of beauty, from the richness of the materials, and the profusion of ornament. The original church was founded in 839; but the present edifice was founded in 977, under the diornament. The original current was rounded in 977, under the direction of architects from Constantinople. The nave is 245 ft. in length, the transept 301 ft.; the middle dome is internally 90 ft. in height, and the 4 other domes 90 ft. each. The front is 170 ft. in width, and 72 ft. in height, without its surmounting figures. In its lower part are 5 recessed doorways, each adorned with 2 stories of fittle columns, though these are mostly ill proportioned, and their capitals nearly all different. Over these arches is a gallery or balcony of marble, in the centre of which are the famous bronze horses, most probably of Chian origin, and carried to Constantinople by Theodosius, whence they were conveyed away by the Venetians, when they took and plundered the capital of the eastern empire, in 1906. For 18 years, or from 1797 to 1815, they crowned the triumphia arch in the Place de Carousze! in Paris; but, though rectored, we may well inquire,

Are they not briefled?"

Are they not briefled?"

Are they not briefled?"

(Child Herold, comt. iv. st. 13. and notes.)

Immediately behind the horses is a large circular window, on either side of which an arched doorway opens upon the balcony. The front terminates in pointed arches, surmounted by a crowd of spires, pinnacles, statues, crosses, &c. The finishings are in the style of the Italian Gothic of the 18th century, but overcharged and heavy. Forsyth, speaking of this edifice says, "No where have I seen so many columns crowded into so small a space. Nearly 300 are stuck on the pillars of the front, and 300 more on the balustrade above. A like profusion prevalis in the interior, which is heavy, dark, and barbarous." But, from Mr. Wood's account, it would appear that the same barbarous taste that prevails in the exterior, is not so obtrusive within. "The vaulting and great part of the walls are covered with mosaics, and the rest with rich marbles. The columns of portphyry verd-antique, &c.; the pavement of minute pieces of white and coloured marbles, jasper, agate, lapis fault, &c., variously, and for the most part, beautifully disposed; the inlaid ornaments, and gilded capitals, produce a degree of astonishment and admiration in the mind of the spectator." (Letters of ass Archicet, 1: 360.) The Orologio, or clock-tower, on the N. side of the cathedral, has little took-cower upwards of 300 ft. in height, terminated by a pyramid. In it, however, Gallico made many of his astronomical observations. The loggia around its base, now converted into a lottery-office, is a beautiful building of the Corinthian order, from the designs of Sansovino. The Procuratorie Nuove, now the house place was originally founded in the 9th century, but the present edifice dates only from the middle of the 14th, when it was erected by the doge Marine Faliero. Externally, it presents a double range of arches, supporting a great wall of brickwork, pierced with a few windows. The corners are cut to admit thin spiral columns. Notwithstan

communications or surmises of plots against the state I From this exterior corridor the state spartments are entered. The walls of the Sala di Quatiro Porte are covered with paintings by Tintoretto. Vicentino, and Titian. The hall of the Great Council, Sala dei Grass Consiglio, 153 ft. in length, is now principally appropriated to the library, of which Petrarch was one of the founders; but it is also rich in frescoes, by Bassano, &c., and contains a fine collection of ancient sculpture, the portraits of the Venetian doges, &c. The Sala dei Pre-

gadi, and numerous other apartments, are richly gilt, and exhibit all the glories of the Venetian school of painting, "which spreads over the walls and covers the ceilings, as if it had only cost a few shillings the sq. yard." In the hall of the Council of Ten, converted by Napoleon into the chamber of a court of cassation, the ceilings have been painted by Paul Veronese; and on every side the eye rests on pictorial representations of the achievements and glories of the Republic. In the lower parts of the palace are the former tribunals and dungeons of the state inquisition, from which a passage leads across the Poste de Sospéri. or Bridge of Sigha, to a door now walled up, but which formerly opened into a chamber where prisoners were despetched.

Next to the buildings in the neighbourhood of St. Mark's, those bordering the harbour and the canal of Gludecca appear to be the finest, including the Dogana or custom-house, the church of La Salute, and those of San Glorgic and Il Redemptore, both designed by Palladio. These last were on the point of being pulled down by the French, and only saved by being redeemed for a large sum of money. The Redemptore, Forsyth says, is admirable both in plan and elevation, and its interior is perhaps perfect in its proportions, simple, grand, and harmonious. It is, in fact, one of Palladio's chef d'avsures, and is perhaps the finest church in Italy, though inferior to a great many in costliness and magnitude. Besides a Greek church and 7 synagogues, Venice has altogether about 100 Rom. Cath. churches, which are, on the whole, among Its best buildings. There were formerly many more; but the French pulled them down, with a number of convents, in pursuance of their plans for the improvement of the city. Several of the churches date from the middle ages, though few of them are worth especial notice. One, however, is interesting, from its containing the remains of one of the greatest painters and of one of the greatest sculptors that Italy has produced — Titian and Canova the grant of

model of St. Mark's.

The general cemetery or burying place for the city is on the island of San Cristoforo di Murano. Here, rich and poor, the noble and the beggar, are all interred, the expenses of the burial of the latter being defrayed by government. This cemetery was formed, and the plan of conveying all deed bodies to it from the city enforced, by the French; and, happly, it has since been continued. A gondola, moored to the island, is appropriated to the transmission of corpses. The Jews have their buryingtransmission of corpses. ground at Malomocco.

ground at Malomocco.

For a lengthened period after the foundation of the city, the communication between its B. and W. divisions, across the grand canal, was effected by ferry-boats. A wooden bridge was subsequently established; and this having fallen to decay, it was determined to replace it by one of marble from the designs of Autoria. having fallen to decay, it was determined to replace it by one of marble from the designs of Antonio da Ponte. The building of the Rilatto was commenced in 1588; but, though it consists of a fine elliptic arch, neither its beanty nor its magnitude corresponds with its fame and the at-tention it has excited. Its arch is 89 R. in span. The roadway of the bridge is divided into three parts, viz. a narrow street in the middle, with shops on each side, and two still narrower streets between the shops and the bal-lustrades. The shops different be bridge, and make if lustrades. The shops disfigure the bridge, and make it look heavy. It is lofty in the middle, and is ascended, like the other bridges, by long flights of steps at either end. The view from the summit, along the grand canal, frequently presents a very animated scene, and is one of

end. The view from the suntoft, along the grand canal, frequently presents a very animated scene, and is one of the finest in Venice.

The palaces of Venice, built, like those of Amsterdam, on piles, are massive structures; but, except such as have been built by Palladio, Sansovino, Sammichele, Longhena, Scamozzi, and a few other architects of eminence, they are mostly deficient in good taste. They in general exhibit too many orders in front. Venice, in truth, is more attractive from its singularities than its architectural elegance. Yet it is still highly interesting to the student of architecture, who may here "trace the gradation from the solid masses and round arches, the only remains of the ancient grand style in the 6th, 7th, 8th, and 9th centuries, through the fanciful forms and grotesque embellishments of the middle arcs, to its revival and re-establishment in later times." (Exstace, Classical Tour, 1.167.) Many, however, of the old patrician mansions are deserted, and not a few of them have been pulled down. Necessity, too, has, in many instances, obliged their owners to part with the fine works of art, with which they were formerly embellished. Still, however, some of the palaces have yet to boast of good collections of pictures, statues, &c. The Manfrini palace has a splendid gailery of pictures; and

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the Palazzo Barberigo has some fine works by Titian. The Grimani palace contains the only extant statue of Marcus Agrippa, a fine bust of Caracalla, &c.; and in the Pisani palace is Dadalus fixing wings on his son, the

Marcus Agrippa, a fine bust of Caracalla, &c.; and in the Pisani palace is Desdaius fixing wings on his son, the first group executed by Canova.

But, notwithstanding their magnitude and imposing external appearance, the rooms inhabited by the family, in the greater number of the palaces which are still occupied, are often small, ill furnished, and uncomfortable. Personal accommodation and the enjoyment of good air have been escrificed that space might be found for the exhibition of statues, pictures, and other works of art. All the larger houses, or palassi, are from three to four stories in height, being generally of a square form, with misside court containing a clatern, in which the rainwater is carefully collected. As already stated, they have, for the most part, two entrances—the principal opening on a canal, and the other on a street or alley. Some of the finest palaces are built wholly of marble. The grand canal has on each side many such buildings.

The houses occupied by the middle and lower classes are built of brick, and are in general covered with wood. Few of them have arcades, but they are mostly provided with balconies. From the extreme narrowness of the streets, the houses are usually gloomy; and are miser-

with balconies. From the extreme harrowness of the streets, the houses are usually gloomy; and are miser-ably deficient in the appropriate distribution of their dif-ferent parts, and in all those conveniences and adapt-ation to comfort that distinguish houses in this country.

ferent parts, and in all those conveniences and adaptation to comfort that distinguish houses in this country. The arsenal, which opens upon the port not far from St. Mark's, together with the dockyard, occupies an island between two and three m. in circuit, and is defended by lofty turreted walls. The entrance is guarded by two overs fanking a gateway, over which the winged lion still frowns defiance; and in front of this entrance are four lions, brought from the Pireus: two being of very fine proportions, and probably of Pentelic marble. The magazines and docks are kept in good order, and ship-building is one of the chief branches of industry at Venice. Besides the armoury, magazines, forges, foundries, and other necessary establishments, here is a rope-house, 1,000 ft. in length. One of the walls of the armoury has a statue of Pianni, famous for his contests with the Genoese, and a beautiful monument by Canova, representing Fame crowning the Venetian admiral, Angelo Emo.

During the times of the republic, the Bucentaur was the great lion of the arenal. This was the state barge, in which the doge, accompanied by a splendid cortège, proceeded to espouse the Adriatic. The ceremony was performed by the doge dropping a ring of no great value into the sea, pronouncing at the same time the words, Desponsemes te, Mare, is signess were perpetuique dominii, in those days, however,

"The spouseless Adriatic mourns her lord, And annual marriage now no more renew

And annual narriage new no mer renewed."

Byron adds that the Bucentaur "iles rotting, unrestored;" but, in fact, she was burned by the French soon after the downfal of the republic.

Venice has 6 theatres, the largest of which may contain 3,500 spectators: the Venetlan drama is, however, in a very low state. The Dogana, the old exchange, is a fantastic edifice of the 17th century; and the new prison, built by Antonio da Ponte in 1889, is much too handsome for its purpose, being an elegant Doric edifice. The bishop's palace and seminary, the various hospitals and barracks, are among the other principal edifices. A flourishing academy of the fine arts, 4 schools of music, and a public school for each corporation of tradesmen, are among the principal institutions for education. "Venice holds a prominent place in Italy for its charitable institutions. There is one house within the city in which 700 poor people are lodged, and many more have free lodgings and receive pecuniary assistance out of the establishment. There is an orphan house for about 355 children; an infirmary for 36 women; a wealthy lastiestablishment. There is an orphan nouse for about 500 children; an infirmary for 36 women; a wealthy institution for the reception of penitent women; an hospital, capable of receiving 1,000 patients; a house of education for 90 young girls; a foundling hospital, &c.; and the yearly revenues, chiefly arising from endowments, amount to about 580,000 florins." (You Rassmer's Italy,

amount to about 580,000 florins." (Vos Rasmer's Italy, 1.85.)
Venice has been represented as a delightful residence; but though it may be, and perhaps is, an aquatic paradise to the amphibious blpeds born within the sound of St. Mark's bells, it is very different to a stranger. At first, no doubt, it surprises and gratifies by its novelty; but it soon becomes threeome from its sameness, the locessant recourse to boats, the narrowness of the streets, the want of room, the absence of all rural beauty, and the constant sense of imprisonment. It would not, in fact, be habitable were the water fresh; but the saliness of the water, and the flux and reflux of the tide, make it tolerably salubrious. The latter phenomena, however, which are at all times much less sensible in the Mediterranean than on the British shores, are in summer so inconsiderable, that the canals become stagmant, offensive, and unbealthy. The characteristics of the climate are, a sum-

mer much botter than in England, accompanied with occasional visits of the scirocco; a winter, not of gree length, but sharp, parsicularly during the prevalence of the N.W. wind, which blows across the interior of Swazerland and the Alps. Rains are frequent, particularly apring; and there being no springs or wells, the inhabitants, as already stated, supply themselves with water collected in cisterna, from the tops of the houses. It should, however, he observed, that the Venetiss are no longer wholly without trees and flowers; very extensive gardens, with a fine street leading to them, were constructed by the French, and are a noble monument of their taste and munificence. "These gardens," says Mr. Pennington, "excite interest from the mode in which they were formed, more than from their beauty; not that they are deficient in taste or variety. They were formed with immense labour by the introduction of artificial earth, brought at an immense expense from scrvafums, and no expense was spared in their completion. There are several serpentine walks over mounts, many trees and shrubs thriving every fast; and all this, with the different views of the lagoon, the many islands interesting. The gardens are nearly 2 m. round, and are connected by a handsome bridge." (Tour, if. 225.)

Fort.—The islands on which Venice is built lie within a line of long, low, marrow islands, running N. and S., and enclosing what is termed the lagoon, or shallows, that surround the city, and separate it from the main and the surround the city, and separate it from the million. The principal entrance from the sea to the lagoon is at Malamocco, about 14 league S. from the city; but there are other, though less frequented, entrances, but there are other, though less frequented, entrances, on the town of the ducal palace; but there are other, though less frequented, entrances, on the town of listing water at spring tides; but there is a channel between the western point of the bar and the village of San Pietro, which has 16 feet water at s

Adriate. This wast work, formed of blocks of Istrian stone resembling marble, connects various little islands and towns, and is admirable alike for its magnitude, solidity, and utility. It bears the following inscription:—
Ut sacra astueria, urbis et libertaits sedes, perpassum conserventur, colosecus moles es solido marmore contra mare postuere curstores aquarums. Anno salutis, 1731: ab urbe condita, 1850.

Maren Expressive them was unique methods of expressive them.

Money.—Formerly there were various methods of ac-counting here; but now accounts are kept in Austrian lire, divided into centisimi, or 100th parts. The lira is

counting here; but now accounts are kept in Austrian lire, divided into centisimi, or 100th parts. The lira is worth about 8d.

Weights and Measures.— The commercial weights are here, as at Genoa, of two sorts; the peas settile and the peas grosso. The Fresch kilogramme, called the libra Italiana, is also sometimes introduced. 100 lbs. peas grosso = 105 186 lbs. avoirdupois, and 100 lbs. peas sottile = 66 '438 lbs. avoirdupois. The moggie, or measure for corn = 9 Winch. bushels. The measure for wine, anfora, contains 137 English since glosso. The foot of Venice = 13 '688 English inches.

The Old Bank of Venice was founded so far back as 1171, being the most ancient establishment of the kind in Europe. It was a bank of deposit; and such was the estimation in which it was held, that its paper continued to bear an agio as compared with coin down to 1757, when the bank fell with the government by which it had been guaranteed. At present there are no corporate banking establishments in the city; and no bank notes are in circulation. There are, however, several private banking houses, which buy, sell, and discount bills; and make advances on land and other securities. They are under no legal regulations of any sort, except formally declaring the amount of their capital to the authorities when they commence business. The legal and usual rate of interest and discount is 6 per coat. It is not the practise to allow interest on deposits. Bills on London are they commence business. The legal and usual rate of interest and discount is 6 per cent. It is not the practise to allow interest on deposits. Bills on London are usually drawn at 3 months, and on Trieste at I month. Morals and Manusers.— Most travellers have been accustomed to represent Venice as distinguished by a neculiar profileser of morals. It was be deathered here.

accustomed to represent venues as distinguished by a peculiar profilegacy of morals. It may be doubted, how-ever, whether she be entitled to any peculiar pre-uni-nence in this respect over most of the other great cities of Italy; and the loss of her commerce and of that wealth which the expenditure of government brought

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into the city, has reduced alike the means of, and incentives to, corruption. It is now, we believe, pretty generally acknowledged that the impressions made on foreigners during the carnival season were in a great degree enaggerated; and that much of what they took for intrigue and prodigacy, was no more than what the license of the period, and the universal use of masks, allowed even the most scrupulous persons to indulge in without any violation of propriety. Undoubtedly, however, the conduct of the government, the nature of her religion, and the vast wealth that formerly centred in Venice, all tended to corrupt the morals of the pople; and to immerse them in sensual pleasures. We hardly think it was ever, as Addison has stated, a part of the policy of government "to encourage idleness and luxury in the nobility, to cherish ignorance and licentiousness in the clergy, to keep alive a continual faction in the common people, to connive at the viclousness and debauchery of convents, to breed dissensions among the nobles of the terra-farma, and to treat a brave man with scorn and infamy." (Travels, art. Venice.) But, whether intended or not, this, no doubt, was the effect of their jealous despotism, which, by its intolerance of all that was truly great; generous, and noble, shut up, in a far as possible, all the avenues to distinction in politics, it religious that was truly great; generous, and noble, shut up, in a far as possible, all the avenues to distinction in politics, and the less but the shadow of his former self, but he is politic and kind. It may surely be pardoned to him if he is querious." But, notwithstanding the changes to which they have been subjected, and which have reduced them from haughty lords, but "one degree below kings," to abject subjects, the Venetians are now, as of old, most agreeable companions, and the Paphlan Queen still holds her court in the sea-girt city.

her court in the sea-girt city.

"In Venice Tamon's choose are no more.
And illent rows the songless gondoller; Her palaces are crumbing to the shore,
And music meets not always now the ear:
Those days are gone—but Nearey still is here.
States full—are false—but Names doth not die;
They pleasure place of all flexitity.
The pleasure place of all flexitity.
The revei of the earth, the masque of Issly!"

Foreigners, especially, are extremely well received, and society is on a very easy footing in Venice. Owing to the facility with which the city is supplied with provisions from the interior of Lombardy and elsewhere, and the lowness of rents, living is here unusually cheap; and were it not for its disadvantages in other respects, it would be a very desirable residence.

The Government of Venice was one of the most singular that has ever existed. In her earlier period she appears to have been governed by doges, or princes, who were elected by the popular voice; but who, on being elected, be-came the absolute rulers of the state. The doge enjoyed, however, only a precarious dignity; for, in the event of any disaster occurring to the arms of the republic, or of his becoming unpopular, he was not unfrequently deposed, and sometimes assassinated. (Daru, i. 186, &c.) To obviate the disorders that grew out of this state of things, it was resolved, in the 12th century, that each of the six districts into which the city was then divided should nominate two individuals as electors, and that the twelve electors so chosen should nominate a grand council of 470 individuals which should represent the public, the general assemblies of which were henceforth discontinued. A senate was at the same time discontinued. A senate was at the same time created, and six councillors were appointed to assist, or rather control, the proceedings of the doge. (Daru, i. 193, &c.) But notwithstanding the influence of the popular voice was greatly lessened by the establishment of the grand council, which included all the most distinguished (titieng it was still your could without the same still the same still your could without the same still your could be same st guished citizens, it was still very considerable; and on several occasions the people endeavoured by violence to recover the power they had lost. In this, however, they were wholly unsuccessful; and at length, after various struggles, it was resolved, in 1319, that the grand council should no longer be elected, but that the dignity should be hereditary in its members! (Daru, i. 518.) The aristocracy was thus established on a solid

foundation; but no sooner had this been done than the dignified families became jealous of each other; and to avert the chance of any individual acquiring a preponderating influence in the state, a carefully devised scheme of indirect election to all the higher offices was established, at the same time that the nobles subjected themselves, the doge, and every one else, to a system of despotism, which not only determined the public and private conduct, but, in some measure, even the very thoughts of individuals! This was ac-complished, partly by the institution of the Council of Ten, a committee chosen from the Council of 1en, a committee cnosen from the Grand Council, to which all the powers of the state were entrusted, and partly by the institution, in 1454, of three State Inquisitors, selected from the Council of Ten, and invested with all but unlimited authority. The proceedings of this most formidable tribunal were shrouded in the most impenetrable secrecy; but it was believed at the time, and is now certain, that it did not wait for overt acts, but proceeded on suspicion and presumption; that it had secret prisons; and that it made free use of the agency of spies, torture, and even of assassins. An individual disappeared, by what means no one knew; but if it were supposed that he had fallen a victim to the fears or suspicions of the Inquisitors, his relatives prudently abstained from all complaint, and even from making any inquiries respecting him. An un-guarded expression, if reported, as was frequently the case, to the Inquisitors, was sure to draw their attention to the offender, so that not merely the freedom of the press, but even of speech, at least on political matters, was completely anni-Although, however, this jealous tyhilated. ranny did not fail to repress, or rather extinguish some of the nobler energies of the mind, it must be admitted, that it preserved for a lengthened period the peace of the republic. It is true, also, that its despotism pressed equally on all classes and all individuals; the doge was as liable, and as likely, if occasion required, to be called to account by the Inquisitors as the hum-blest gondolier. Nothing, in fact, but implicit obedience to established authority, and a perfect abstinence from every sort of political preference and remark, could enable any individual, however high or low, to sleep soundly in Venice.

Venice.

Historical Notice. — Venice was the earliest, and for a lengthened period the most considerable, commercial city of modern Europe. Her origin dates from the invasion of Italy by Attilla in 452. A number of the invasion of Italy by Attilla in 452. A number of the inhabitants of Aquiliela, and the neighbouring territory, flying from the ravages of the barbarians, found a poor but secure asylum in the cluster of small islands opposite the mouths of the Brenta, on which the city is built. In this situation they were forced to cultivate commerce and its subsidiary arts, as the only means by which they could maintain themselves. At a very early period they began to trade with Constantinople and the Levant; and notwithstanding the competition of the Genoese and Pisans, they continued to engross the principal trade in Eastern products, till the discovery of a route to India by the Cape of Good Hope turned this traffic into a totally new channel. The crusades contributed to increase the wealth, and to extend the commerce and the possessions of Venice. Towards the middle of the 15th century, when the Turkish sultan, Mahomet II., entered Constantinople sword in hand, and placed himself on the throne of Constantine and Justinian, the power of the Venetians had attained its maximum. At that period, besides several extensive, populous, and well cultivated provs. in Lombardy, the republic was mistress of Crete and Cyprus, of the greater part of the Morea, and most of the Isles in the Egean Sea. She had secured a chain of forts and factories that extended along the coasts of Greece from the Morea to Dalmatia; while she monopolised almost the whole foreign trade of Egypt. The preservation of this monopoly, of the absolute dominion she had early surped

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over the Adriatic, and of the dependence of her colonies and distant establishments, were amongst the principal objects of the Venetian government; and the measures it adopted in that view were at once skilfully devised and prosecuted with inflexible constancy. With the single exception of Rome, Venics, in the 18th century, was by far the richest and most magnificent of European cities; and her singular situation in the midst of the sea contributed to impress those by whom she was visited with still higher notions of her wealth and grandeur. Sanatarius is not the only one who has preferred Venice to the ancient capital of the world; but none have so beautifully expressed their preference.

Viderat Adriacis Venetam Neptunus in undis, Stare urbem, et tote ponere jura mari. Nunc mih Tarpeias quantumvis, Jupiter, arces Objec, et illa tua menia Martis, ait: Si Tiberim pelago prafera, urbem aspice utram Illam homimes dices, hane posulese Docs.

Si Therin palage procless, arben aspice atramque, Illam hominess dions, hanc pessiese Dece.

Though justly regarded as one of the principal bulwarks of Christendom against the Turks, Venice had to contend, in the early part of the 16th century, against combination of the European powers. The famous league of Cambray, of which Pope Julius II. was the real author, was formed for the avowed purpose of effecting the entire subjugation of the Venetians, and the partition of their territories. The emperor and the kings of France and Spain joined this powerful confederacy. But, owing less to the valour of the Venetians, than to dissensions amongst their enemies, the league was speedily dissolved without materially weakening the power of the republic. From that period the policy of Venice was comparatively pacific and cautious. But notwithstanding her efforts to keep on good terms with the Turks, the latter invaded Cyprus in 1870; and conquered it after a gallant resistance continued for eleven years. The Venetians had the principal share in the decisive victory gained over the Turks at Lepanto in 1871; but owing to the discordant views of the concederates, it was not properly followed up, and could not prevent the fall of Cyprus.

The war with the Turks in Candia commenced in 1644, and continued till 1670. The Venetians exerted all their energies in defence of this valuable island; and its acquisition cost the Turks above 200,000 men. The loss of Candia, and the rapid decline of the commerce of the republic, now almost wholly turned into other channels, reduced Venice, at the close of the 17th century, to a state of great exhaustion. She may be said, indeed, to have owed the last 100 years of her existence more to the forbearance and jealousies of others than to any strength of her own. Nothing, however, could avert that fate she had seen overwhelm so many once powerful states. In 1797, the "maiden city" submitted to the yoke of the conqueror: and the last surviving witness of antiquity — the link that united the anci

antiquity—the link that united the ancient to the modern world—striped of independence and of wealth, now enjoys only a precarious existence, and is slowly sinking into the waves whence she arose.

The foundation of Venice is described by Gibbon, and in his 60th chapter he has eloquently depicted her prospertly in the year 1900. Mr. Hallam, in his work on the Middle Ages (1. 470—487.), has given a brief account of the changes of the Venetian government. Her history occupies a considerable space in the voluminous work of M. Sismondi on the Italiam Republics; but his details as to her trade and commercial policy are singularly meagre and uninteresting. All previous histories of Venice have, however, been thrown into the shade by the admirable work of M. Daru (Histoire de la République de Vénice, 21 ed. 8 vols. 870. Paris, 1821). Having had access to genuine sources of information, inaccessible to all his predecessors, M. Daru's work is as superior to theirs in accuracy, as it is in most other qualities required in history.

Trade, Navigation, and Massafaccures of the Venetians in the 10th Ceniury.—The Venetian ships of the largest class were denominated galeasses, and were stitled up for the double purpose of war and commerce. Some of them carried 50 pleces of cannon, and crews of 600 men. These vessels were sometimes, also, called argosers or argosies. They had early an intercourse with England; and argosies used to be common in our ports. In 1325, Edward II. entered into a commercial treaty with Venice, in which full liberty is given to them, for 10 years, to self heir merchandise in England, and to return home in safety, without being made answerable, as was the practice in those days, for the crimes or debts of other strangers. (Andrews's Caron. Desuction, Anno 1825.) Sir William Monson mentions, that the last argose that sailed from Venice for England was lost, with a rick argos and many passengers, on the coast of the lack the goods exported from Venice by sea, exclusive of the goods exported from Venice by

in the beginning of the löth century, the annual value of the goods exported from Venice by sea, exclusive of those xported to the states adjoining her provinces in

Lombardy, was estimated, by contemporary writers, at 10,000,000 ducats; the profits of the out and house verage, including freight, being estimated at 4,000,000 ducats. At the period in question, the Venetian shipping consists of \$3,000 vessels of from 100 to 200 tons burden, carrying 17,000 sailors; 300 ships with 8,000 sailors; and 45 galary of various sizes, kent affects by the versuable for the

of 3,000 vessels of from 100 to 200 uons burdees, carrying 17,000 sailors; 300 ships with 8,000 asilors; and 45 galeps of various sizes, kept afloat by the republic for the protection of her trade, &c., having 11,000 men on board. In the dock-yard, many labourers were usually employed. The trade to Syria and Egypt seems to have been conducted principally by ready money; for 500,000 ducas are said to have been annually exported to these countries; 100,000 were sent to England. (Derm, tome it. p. 188. kc.) The vessels of Venice visited every port of the Mediterranean, and every coast of Europe; and her marrises commerce was, probably, not much inferior to that of at the rest of Christendom. So late as 1518, 8 Venetian side not, however, confine themselves to the supply of Europe with the commodities of the Ess. and to the extension and improvement of navigation. They attempted new arts, and prosecuted these with vigour and success, at a period when they were entirely unknown in other European countries. The glass massifacture of Venice was the first, and for a long time the most celebrated, of any in Europe; and her manufactures of silk, cloth of gold, leather, refined sugar, &c. were derived by externed. The jealousy of the government, and their intolerance of any thing like free discussion, was unfavourable to the production of great literary works. Every scholar is, however, aware of the fame which Venice early acquired by the perfection to which she carried the art of printing. The classics that issued from the Addine presses are still universally and justly admired the introduction and establishment of manufactures, was

Another beauty and correctness.

But the policy of government, though favourable to the introduction and establishment of manufactures, was fatal to their progressive advancement. The importation of foreign manufactured commodities into the berritories of the republic for domestic consumption was forbidden under the severest penalties. The processes to be followed in the manufacture of most articles were regulated by law.—"Des l'amanée 1173, sun tribunal assoit été crié pour la police des arts et métiers, la qualité et la quantité et la quantité et la quantité de matières fuvent soigneusement disterminée."

(Dors, ill. 153.) Having, in this way, little to fear from foreign competition, and being ited down to a system of routine, there was nothing left to stimulate invention and discovery; and during the last century the manufactures of Venice were chiefly remarkable as erbacing the extraordinary perfection to which they had early arrived, and the absence of all recent improvements. An unex-

tures of Venice were chiefly remarkable as evicing the extraordinary perfection to which they had early arrived, and the absence of all recent improvements. An unexceptionable judge, M. Berthellet, employed by the French government to report on the state of the arts of Venice, observed, "Que l'industric des l'énitires, consenc celle des Chinois, avoit été précoce, mais étoit restés stationanire." (Daru, iii. p. 161.)

M. Daru has given the following extract from an article in the statutes of the State Inquisition, which strikingly displays the real character of the Venetian government, and their jealousy of foreigners: — "I rany workman or artisan carry his art to a foreign country, to the prejudice of the republic, he shall be ordered to return; if he do not obey, his nearest relations shall be imprisoned, that his regard for them may induce him to come back. If he terurn, the past shall be forgiven, and employment shall be provided for him at Venice. If, in despite of the imprisonment of his relations, he persevere in his absence, an containing theil be employed to despatch kins; and after his death his relations shall be set at liberty!" — (Touse lift, B. 150.)

his death his relations shall be set at liberty 1"—(Tome iii. p. 150.)

The 19th book of M. Daru's history contains a comprohensive and well-digested account of the commerce, manufactures, and navigation of Venice. But it was not possible, in a work on the general history of the republic, to enter so fully into the details as to these subjects at their importance would have justified. The Storia Civile e Politica del Commercio de' Veneziani, di Carlo Antonio Marin, in 8 vols. 8vo., published at Venice at different periods, from 1798 to 1808, is unworthy of the title. It contains, indeed, a great many curious statements; but it is exceedingly prolix; and while the most unimportant and trivial subjects are frequently discussed at extreme length, many of great interest are either entirely omitted. and trivial subjects are frequently discussed at extreme length, many of great interest are either entirely omitted, or are treated in a very brief and unsatisfactory manner. The commercial history of Venice remains to be written; and were it executed by a person of competent attainments, it would be a most valuable acquistion.

Present Truete and Manufactures of Venice,—From the period when Venice came into the possession of Austria, down to 1830, it seems to have been the poilcy of the government to encourage Trieste in preference to Venice;

^{*} The native authorities my 16,000; but there can be no doubt that this is a grossly exaggerated statement, and that 1,000 would be much nearly the mark.

and the circumstance of the former being a free port, gave her a very decided advantage over the latter. however, a more equitable policy has prevailed. Latterly, however, a more equitable policy has prevaled. Venice was made a free port, and has since fully participated in every privilege conferred on Trieste. But, notwithstanding this circumstance, the latter still connetwithstanding this circumstance, the latter still con-tinues to preserve the ascendancy; and the revival of trade that has taken place at Venice has not been so great as might have been anticipated. The truth is, that except in so far as she is the entropôt of the adjoin-ing provs. of Lombardy, Venice has no considerable natural advantage as a trading city; and her extraor-dinary prosperity during the middle ages is more to be accribed to the comparative security enjoyed by the in-balitants, and to their success in emprossing the princihabitants, and to their success in engrossing the principal share of the commerce of the Levant, than to any other circumstance. Still, however, her trade is far from inconsiderable. But, unfortunately, there are no means by which to ascertain its precise amount. The great by which to ascertain its precise amount. The great articles of import are sugar, coffee, and other colonial products; indigo and other dye stuffs, olive oil, salted fish, various descriptions of cotton, woollen, and other manufactured goods; wheat and other grain, from the Black Sea; tin plates and hardware, raw cotton, &c.; amounting, in all, to the value probably of 1,800,000. or 1,500,000. a year. The exports principally consist of silk and silk goods, wheat had other grain, paper, jewellery, glass, and glass wares, Venetian treacle, books, with a creat variety of other articles, including portions of most grass, and grass wares, veneral treace, books, with a great variety of other articles, including portions of most of those that are imported. It should, however, be ob-erved, that by far the greater part both of the import and export trade of the city is carried on through Trieste by coasting vessels, that are every day passing between the two cities. The smuggling of prohibited and over-taxed articles into Austrian Lombardy is practised to a great extent. It is believed that fully two thirds of the coffee made use of in Lombardy is clandestinely introduced; and sugar, British cottons, and hardware, with a duced; and sugar, British cottons, and hardware, with a variety of other articles, are supplied through illegitimate channels. The facilities for smugglings owing to the nature of the frontier, and the ease with which the officers are corrupted, are such, that the articles passing through the hands of the fair trader afford no test of the real extent of the business done. It is to be hoped that the Austrian government will take an enlightened view of this important matter. It cannot but be anxious for the superscipe of superliner, and it may be assured. e suppression of smuggling; and it may be assured

of this important matter. It cannot but be anxious for the suppression of smuggling; and it may be assured that this is not practicable otherwise than by a reduction of duties. The regulations as to the payment of the duties on goods destined for the interior, the clearing of ships, &c., are the same at Venice as at Trieste; which see.

The manufactures of Venice are very various, and more extensive than is generally supposed. The glassworks, which produce magnificent mirrors, with every variety of artificial pearls and gems, coloured beads, &c., situated on the island of Murano, employ, in all, about 4,600 hands, including the women and children employed in arranging the beads. (Bowring.) Jewellery, including gold chains, is also extensively produced; as are gold and silver stuffs, velvets, silks, laces, and other expensive goods; and treacle, soap, earthenware, wax-lights, &c., to a greater or less extent. Printing is more extensively carried on in this than in any other city of Italy, and books form a considerable article of export. Ship-building is also carried on to some extent, both here and at Chiozza. In 1836, the first steam-engine seen in Venice was set up for a sugar-refinery.

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refinery.

From the circumstance of Venice being situated nearly opposite the mouths of the Brenta, which bring down large quantities of mud, the probability is that the lagoon, by which she is surrounded, will ultimately be filled up. Under the republic this was a subject of great when the property of the property o alled up. Under the republic this was a subject of great apprehension, and every device was resorted to that seemed likely to avert a result so pregnant with danger to the independence of the city. But now that there is no particular motive for hindering the mud from accumulating in the lagoon, it is probable that, in the course of time, the shallows will be converted into terra firms, and Venice lose her insular position.

There belong to the city excludes of fishing heats.

and Venice lose her insular position.

There belong to the city, exclusive of fishing-boats, about 30,000 tons of shipping, of which a large proportion is employed in the coasting trade. Many of the inhabs, depend for their subsistence on fishing in the lagoon, and the contiguous portion of the Adriatic. (Exclusive of the authorities already referred to, see Bouring's Report on the Statistics of Italy; Commercial Dict.; Commercial Circulars, &c.)

VENLOO, a fortified town of Holland, prov. Limbourg, cap., cant., on the Meuse, 40 m. N.E. Maestricht. Pop., in 1836, 6,528. It is surrounded by a marshy tract of country; but is the centre of an active transit trade, and has manufactures of pins, wafers, tobacco-pipes, and various other small articles, with tanneries, sugar-refineries, and vinegar distilleries. It was formerly one of the Hanse towns: in 1702 it was taken by the troops under Mariborough. under Marlborough.

VENOSA (an. Venusia, on the frontier of Lucania and Apulia), a town of the Neapolitan dom., prov. Ba-silicata, 24 m. N. Potenza. Pop. 6,000. It stands on a perfectly flat, but not very extensive, plain. It is reached by a long, winding ascent, when it breaks on the sight under a favourable point of view, chiefly due to the veunder a favourable point of view, chiefly due to the venerable aspect of its castle, an edifice of the 16th century, which, though a complete ruin, exhibits such magnitude of dimensions and regularity of construction as to form a very striking feature in the landscape. The walls of Venosa have long since been levelled with the ground, but the gateways still exist. It is well built, and has numerous public edifices, including a large cathedral, 5 parish churches, an abbey church, a church erected in the 10th century from the materials of a Roman amphitheatre, in which are the tombs of Robert de Guiscard, and other Norman chieffains; an hossital, 2 workhouses; and other Norman chieftains; an hospital, 2 workhouses,

a museum of antiquities, &c.

**Venusia* is celebrated as the birth-place of Horace, the prince of Latin lyric poets and satirists, born on the 8th of Dec., anno 68 n.c. (A. U. c. 688), in the consulship of L. Manlius Torquatus.

"O nata mecum consule Manlio."-III. Od. 21.

A bust of the poet, on a column of rough stone, has been set up in the city. In the vicinity are many places which have acquired interest from the references made to them by Horace. (Craven's Excurs. in the Abruzzi, 270, 280.; Tiraboschi, Della Letteratura Italiana, i. 177., al Modara. 1797.

210. 280.; Pranoscan, Detta Letteratura Itationa, 1. 171., ed. Modena, 1787.)
VERA CRUZ, a town and the principal sea-port of Mexico, on the S.W. side of the Gulph of Mexico, cap. of the state of its own name, 195 m. E. by S. Mexico, and 225 m. S. E. Tampico, Lat. 190 11' 52" N., long. 960 8' 45" W. Pop. uncertain; but previously to the revolution, it was estimated at 16,000. It is well built and clean, and its towers, cupolas, and battlements, give it an impos ing appearance from the sea. It is, however, surrounded by barren sand-hills and ponds of staguant water, and is excessively unhealthy, being, in fact, the principal seat of the yellow fever. The older inhabs, and those accustomed to the climate are not so subject to this formidable visitathe yellow lever. The other hinds and noise accusioned to the climate are not so subject to this formidable visitation as strangers, all of whom, even if coming from the Havannah and the W. India islands, are liable to the infection. No precautions prevent its attack, and numerous individuals have died at Xalapa, on the road to Mexico, who merely passed through this pestilential focus. The badness of the water at Vera Cruz is supposed to have some share in producing the complaint. The houses of Vera Cruz are mostly large, some of them being three stories high, built in the old Spanish or Moorish style, and generally enclosing a square court, with covered galleries. They have flat roofs, glass windows, and generally wooden balconies in front, their interior arrangement being the same as in Old Spain. The town and castle are built of madrepore, the lime that forms the cement being of the same material. There is one tolerably good square, of which the governmenthouse forms one side, and the principal church the other. The footpaths are frequently under arcades. No fewer The footpaths are frequently under arcades. No fewer than 16 cupolas or domes used to be counted from the than 15 cupoias or domes used to be counted from the sea, but only 6 churches are now in use; and most of the religious buildings have been neglected or abandoned since the Spaniards were expelled from the town. Rainwater is carefully preserved in tanks; and most sorts of provisions, excepting fish, are dear. Crowds of vultures and buzzards perform the office of scarengers. (Bullock

in Mod. Traw., xxv.)

The castle of St. Juan de Ulloa, which commands the town, is built on the small island of the same name, about 400 fathoms from the shore. It is a strong citadel, and to salving light, 79ft, above the sea. The harbour of Vera Cruz is a mere roadstead between the town and Vera Cruz is a mere roadstead between the town and castle, and is exceedingly insecure, the anchorage being so very bad that no vessel is considered safe unless made fast to brass rings fixed for the purpose, in the castle wall; nor are these always a sufficient protection during strong N.winds. But notwithstanding its numerous disadvantages, Vera Cruz maintains its commercial importance; though latterly Tampico, in a healthier situation, with a batter port has been executed. ance; though latterly Tampico, in a healthier situation, with a better port, has been growing into consequence. The precious metals, cochineal, sugar, flour, indigo, provisions, sarsaparilla, leather, vanilla, jalap, soap, logwood, and pimento, are the principal articles exported; and linen, cotton, woollen, and silk goods, paper, brandy, cocoa, quicksilver, iron, steel, wine, wax, &c. (See antie, 317.) During the period that the foreign trade of Mexico was carried on exclusively by the flota, which sailed periodically from Cadiz, Vera Cruz was celebrated for its fair, held at the arrival of the ships. It was then crowded with dealers from Mexico, and most parts of Spanish America; but the abolition of the system of regular fleets, in 1778, proved fatal to this fair as well as to the still more celebrated fair of Portobello. We have already noticed (amet, p. 317.) the wretched state of disrepair into which the great road from Vera Cruz to

allowed to fall. This inflicts a great injury on the trade of the port.

Vera Crus was founded towards the end of the 16th century, on the spot where Cortes first landed: it received the title and privileges of a city from Philip III. in 1615. The castle was taken by a French squadron, after a vigorous bombardment, in 1839; but was soon after restored to the Mexicans. (Humboldt; Werd; Poinsett; Mod. Tran., xxv.; Blasné's Coast Pilot; Comm. Dict.)

VERCELLI (an. Fercelle), a bown of N. Italy, Sardinian dom., div. Novara, cap. prov. on the Sesia, and on the high road between Turin and Milau, 39 m. N.E. by E. Turin. Pop., in 1838, 19,353. It has a large market-place, one of the best cathedrals in Fiedmont, several other churches, and good private buildings, a large and well kept hospital, museum, &c., with (in its environs) some film promenades. Its fortifications were destroyed by the French in 1704. It is the see of an archbishop, and has some silk manufactures; but its chief trade is nice, raised in the neighbourhood. A canal connects Vercelli with Irrea. The date of its foundation is uncertain, but it was a lown of some hote in the time of the

by the French in 1704. It is the see of an archbishop, and has some silk manufactures; but its chief trade in irice, raised in the neighbourhood. A canal connects vercelli with irroa. The date of its foundation is uncertain, but it was a town of some hote in the time of the Romans. After suffering severely from the northern invaders, it revived under the Lorabards, and took the lead of Turin till the latter became the residence of the court. (Diet. Géog., \$c.)

VERDUN (nn. Ferodissam), a town of France, dép. Meuse, cap. arrond., on the Meuse, where it begins to be navigable, and by which it is divided into 5 separate parts, 20 m. N.W. by N. Bar-le-Duc. Pop., 1846, inc. comm., 10,843. It has a citadel; and its defences were improved by Vauban. It is tolerably well built; but several of its streets are badly paved and steep. The bishop's palace, new cavalry barracks, military magasines, and theatre, are smong the most remarkable buildings. It has 6 churches, including the cathedral; a Protestant church, a synagogue, a communal college, library with 14,000 vols., &c. A planted esplanade separates the town from its citadel. Verdun has manufactures of fine striped serges, flannels, cotton yarn, liqueurs, &c., and several large tamneries. It was a station of importance under the Romans; and in the middle ages, under the Germanic emperors, it enjoyed the privileges of a free imperial city. It was definitively annexed to France in 1648; and is best known in modern times from its having been selected by Napoleon for the residence of the English prisoners detained in France after the rupture of 1803. (Hago, art. Meuse, \$c.). VERMONT, one of the states comprised in the North American republic, in the N.E. section of the Union, making part of what is called New England, between lat. 420 40′ and 49′ N. and long, 71° 18′ and 73° 28′ W.; having E. New Hampshire, from which it is separated in its whole extent by the Connecticut River; & Maasachusettz; W. New York, Lake Champlain forming half the boundary on this side; and N. L

part of the states is more surance sor passenge than for tillage.

According to the official returns, 680,000 bushels of wheat, 3,500,000 do. oats, 2,500,000 do. maise, and 370,000 do. rye were reaped in 1848, in addition to 8,000,000 do. potatoes. Barley, buckwheat, hops, and tobacco are also grown, but in small quantities. Apples succeed better than in Europe; and, in 1840, the value of the produce of fruit of various kinds was estimated at 1,109,000 dollars, being more than in any other state of the Union, New York excepted. In the same year 4,230,000 lbs. maple sugar, and 4,300 lbs. silk cocoms were gathered. The broeding of stock for export to Boston and the adjacent states, the West Indies, &c., is, however, the chief branch of industry; and there are asid to be about 1,400,000 sheep, 350,000 head of cattle, 60,000 hores, and nearly 300,000 hogs in Vermoust. Tom is very abundant, and copperas to the value of from 70,000 to \$0,000 dolls. is made annually from mative pyrites.

Mexico, formed by the Spaniards, has latterly been allowed to fall. This inflicts a great injury on the trade of the port.

Vera Crux was founded towards the end of the 16th century, on the spot where Cortes first landed: it received the title and privileges of a city from Philip III. in 1615. The castle was taken by a French squadron, after a vigorous bombardment, in 1839; but was soon after a vigorous bombardment, in 1839; but was soon after restored to the Mexicans. (Humbold: Ward; Poinsett; Mod. Trav., xxv.; Blust's Coast Pilot; Comm. Dict.)

VERCELLI (an. Vercelle), a town of N. Italy, Sardinian dom., div. Novara, cap. prov. on the Sesia, and on the high road between Turin and Milan, 39 m. N.E.

30 members, and house of representatives composed of I member from each town) were established; which, together with its governor, lieutenant-governor, and executive council, are chosen annually by the people. The right of suffrage is vested in every male inhab twenty-one years of age who has resided in the state for the year previously to the election. The judicial power is in a supreme court of 6 judges, and co. courts, each composed of 1 judges of the supreme court and 2 assistant judges. The supreme court sits once, and the co. courts twice, in each co. Judges are chosen annually by the general assembly, and a court of censors by a popular vote once as The supreme court sits once, and the co. courts twice, in each co. Judges are chosen annually by the general assembly, and a court of censors by a popular vote once is seven years. Vermont is divided into 14 cos. Montpeller, having, in 1840, a pop. of \$735, is the cap.; Burlington, where the university of Vermont is situated, though more populous, has only about 4,200 inhabs. Schools are widely diffused in this state, and Middleburg College and Norwich University are flourishing institutions. Public revenue and expenditure, each about 10,000 doll. a year. Vermont has no public debt. This state was first explored by the French Canadians; but the earliest settlement was made by the English of Masschusetts, in 1724. Subsequently, New Hampshire and New York disputed the claim to this territory; but it was finally ceded by the British parliament to the laster. But, dissatisfied with this connection, it declared kaself independent in 1777. (Darby's Yew of the U.S.; Amer. Almssac, 1850-51; Amer. Engyc., &c.).
VERONA, a celebrated city of Austrian Italy, cap. deleg. of same name, on the Adige, at the point where the last declivities of the Alps sink into the great phase of Lombardy, 64 m. W. Venice; lat 449 26'9' N., long. 110'0' 54" E. Pop., circa 48,500. (Berghaus.) It is divided into two unequal parts by the Adige, which sweeps through it in a bold curve, and forms a peninessia, within which the whole of the ancient and the greater part of the modern city is enclosed. The river, which is wide and rapid, is here crossed by four notice stone bridges.

bridges.

Verons is an extremely well situated, well built, and most interesting city. "You enter it," says Mr. Rose, "by a magnificent approach, and a street probably the widest in Europe. This street is indeed short, and

most interesting city. "You enter it," says Mr. Rose, "by a magnificent approach, and a street probably the widest in Europe. This street is indeed short, and single in its breadth, but the city in general pleases by its picturesque appearance, to which an abundance of marble quarries has not a little contributed, thirty-five varieties of this species of stone being found in its neighbourhood." (Letters, i. 41.) The bouses frequently present, in their form and ornaments, fine proportions, and beautiful workmanship. The old walls and towers still remain, and the city has five gates, two of which are fine structures, by Sanmichele. Its former military defences were destroyed by the French, after the revok of the inhabs. in 1797; but extensive fortifications are again in the course of being constructed.

But the great glory of Verona is its amphitheatre, one of the noblest existing monuments of the ancient Romans. Excepting the Colosseum at Rome, it is the largest extant edifice of its class. Like all other structures of the same kind, it is elliptical, the extreme length of its transverse and conjugate diameters to the outsides of the outer walls being respectively about 510 and 410 ft.; while those of the areas are 249 and 146 ft. (Woods, i. 226.) Its outer wall or cincture, which had 73 arches in every story, has been mostly destroyed, with the exception of one fragment containing three stories of four arches each, rising to the height of about 100 ft. Cover this, however, there was a fourth story, so that the emitre height of the building, when perfect, must have exceeded 90 ft. Internally it has soffered comparatively little; and its concentric rows of benches or seats, of which 43 still remain, exclusive of 2 sunk below ground, with its cooridors, stairs, &c., are wonderfully well prelittle; and its concentric rows of benches or sears, of which 43 still remain, exclusive of 3 sunk below ground, with its corridors, stairs, &c., are wonderfully well preserved. Each row of seats is 1; ft. in height, and as much in breadth; and allowing 1; ft. of space to each individual, the Marquis Maffei supposes that the smaph-theatre might have accommodated 22,000 spectators! The interior of the amphitheatre having been in parts a good deal dilapidated, it was repaired at different periods in the 16th century, when the broken and wanting seats were replaced by others. But these repairs, though, on the whole, highly creditable to the Veronese, do not appear to have been well executed. The ancient benches were formed of vast blocks of marble, admirably cut and jointed; whereas the modern benches consist, according

to Maffei, of a soft flaky stone, which has, in parts, yielded to the weather; and the same distinguished authority adds, that but little care has been taken in layauthority saids, and that in parts the elliptical curvature has not even been observed. These defects, however, are not visible on a cursory inspection of the building, which astonishes alike by its mass, its antiquity, and its

has not even been observed. These defects, however, are not visible on a currory inspection of the building, which astonishes alike by its mass, its antiquity, and its preservation.

Owing to the want of inscriptions, and of all reference to its origin in the classical writers, we are without any authentic information either as to the founders or the swa of this great work. Most probably, however, it was that its more where between the reigns of Titus and Trajan, or in the early part of that of the latter. In the middle ages it was sometimes used for the exhibition of shows and sports, and sometimes as an areas for judicial combats. In more modern times, a built fight was exhibited here in honour of the Emperor Joseph II., then at Verona; and at a still later period, the Pope, in passing through the city, gave his benediction to a vast multitude collected in the amphithesare. The French, when masters of Verona, had the bad tasts to erect in the areas a wooden theatre, in which plays, farces, equestrian feats, &c., were performed for the amusement of the troops. This barbarous novelty is still kept up. (Full particulars respecting the amphitheatre are given in the Verona Illustrats of the learned Marquis Mañel. Than part of the work which relates to amphitheatres having been printed separately, was translated into English, and published in 8vo. London, 1730.)

But the amphitheatre is not the only monument of antiquity that distinguishes Verona. In the middle of a street called the Corse is an ancient double gateway, which, on the strength of an inscription importing that the adjacent walls were built by Gallienus, has been named after that emperor; but though loaded with supernumerary ornaments, the Veronese antiquaries affirm that its style is too good for his age. Each gateway is ornamented with Corksthian plasters supporting a light pediment; and above are two stories with six small arched windows in each. The whole is of marble. The remains of another gateway, of a similar but chaster form, probably the entr

various temples and aqueducta; but as few or no remains of these exist at present, it would seem that the antiquities of Verona had suffered greatly since the beginning of hast century.

The ecclesiastical buildings comprise interesting specimens of middle-age architecture. The cathedral, an edifice of the 12th century, has nothing particularly remarkable except the Assumption by Titian, and the tomb of Pope Lucius 11th, who, when driven from Rome in 1185, found a secure asylum in this city. In respect of architectural merit the cathedral is very inferior to the church of 8t. Anastasia, built by the Dominicans at the beginning of the 12th century. Mr. Woods says that if the front were finished this edifice would probably be the most perfect specimen of the style of architecture to which it belongs. The church of 8t. Zeno, a curious structure, with a remarkable erypt, is said to have been founded by Pepin, but it was not completed till 1178. It front is covered with bas reliefs in stone, its doors with sculpture in bronze of a very early date; and near it are the remains of a palace in which the German emperors occasionally resided during the 12th and 13th centuries. Several other churches are worthy of notice: in that of San Glorgio is a fine picture of Paul Veronese. The tombs of the Scala family (Scaligeri), once lords of Verona, stand in an inclosure in one of the thoroughfares. According to Forsyth, they are "models of the most elegant Gothic, light, open, apiry, full of statues caged in their fretted niches; yet siender as they seem, these tombs have stood entire for 500 years in a public street the frequent theatre of sedition." The Ponte del Castal Vecchio, built in 1354, is remarkable for an arch 161 feet in span, forming part of a circle. (Woods.) The town-hall is ornamented externally with busts of the most celebrated natives of Verona, and has within it some fine paintings. The exchange; the Museo Lapidario, and Philosir, both having extensive collections of ancient monuments; the opera-house, the fi

conspicuous edifices in the city. Verona is the seat of the high court of justice and of the superior military authorities for the Lombardo-Venetian kingdom, and of a court of primary jurisdiction for its deleg. It is a bishop's see, and has several gymnasia, a theological seminary, and numerous royal and other schools, learned seminary, and numerous royal and other schools, learned resisting multiple and uriyate libraries, calleries, for. En. seminary, and numerous royal and other schools, learned societies, public and private libraries, galleries, &c. En-glish traveilers are shown what is called "Juliet's tomb," which is merely an old sarcophagus without a cover-lying in a garden where it has been made use of as a

lying in a garden where it has been made use of as a cistern.

Verona, according to Berghaus, is distinguished as the most industrious of Italian towns. "It has 60 slik twist factories, 9 establishments for weaving sliks, large leather, earthenware, and soap factories, and numerous factories for the weaving of linen and woollen fabrics. Its trade is chiefly in the product of those, and in raw slik, grain, oil, sumach, and other agricultural produce." (Alig. Lönder, &c.) It has two weekly markets, and two considerable annual fairs, each lasting 15 days.

We have no certain details as to the origin of Verona. Under the Romans, however, she became a flourishing city; and in the time of Strabo was superior to Brixia, Mantua, Regium, Comum, &c. She was the cap. of the kingdom of Italy from the lime of Odoacer to that of Berengarius; and from the 12th to the 15th century she was the cap. of a considerable territory, governed succes-

bereigarius; and from the 12th for the 15th century 200 was the cap. of a considerable territory, governed successively by the Scaligers, Visconti, &c. Under the former, in the 12th and 14th centuries, occurred the feeds between the Cappelletti and Montecchi, immortalized by Shakspeare. In 1405 Verona submitted to Venice, of Shakspeare. In 1405 Verona submitted to Venice, of whose dominions it continued to form an important por-tion till the overthrow of the Venetian republic in 1797. In 1822 it was the seat of a congress.

Perhaps no city of Italy has given birth to a greater number of distinguished men than Verona. Among these may be mentioned Catullus,—

" Tantum magna suo debet Verona Catullo, Quantum parva suo Mantua Virgillo," Mortiai, lib. xiv. epig. 195.

Macer, Cornelius Nepos, Pliny the Elder, &c., who shed in antiquity an imperishable lustre over the place of their birth. At a later period Guarioi, Calderini, Pan-vinius, and Fracastorius contributed to the revival of litevinius, and Fracastorius contributed to the revival of literature and of the ancelent fame of their native city; which in more modern times has been still farther extended by the labours of the famous painter Paolo Cagliari, surnamed Veronese, born here in 1530; Bianchini, distinguished alike as a mathematician, a historian, and a critic; Maffel, whose Verona Illustrata, already referred to (1731-1732, in folio, and 4 vols. small 4to.), is a work of the greatest research and value; the poet Pindemonte, &c.

Vitruvius, in antiquity, and the famous Julius Casar Scaliger, have also been included, though on no good grounds, among the illustrious natives of Verons. The latter, indeed, represented biseafers. latter, indeed, represented bimself as the eldest son of one of the Scaligers, lords of Verona, and as entitled to that seigniory! But Maffel and Tiraboschi have shown Inat seigniory: But Mailei and Tiraboschi have shown that there is not so much as the shadow of a foundation for this statement; that it is a pure fabrication; that Scaliger was, in fact, the son of a miniature-painter of the name of Bordoni; and was most probably born at Padua. (Verona Illustrata, p. 300; Tiraboschi, vii. 1481)

VERSAILLES, a town of France, formerly the chief VERSAILLES, a town of France, formerly the chief residence of the French court, dép. Seine-et-Oise, of which it is the cap., in an undulating plain, 9 m. S.W. Paris. Pop. in 1846., inc. comm. 28, 311 It is one of the handsomest towns in the kingdom; it consists principally of 3 wide streets, lined with trees, diverging from the Place d'Armes, an open space in front of the palace: the central and widest of these streets is called the avenue de Paris; and those on the N. and S., the avenues of St. Cloud and Sceaux. The other streets, though of less width, are equally regular, cross each other at right angles, and are lined with handsome residences. The cathedral of St. Louis, founded by Louis XV. in 1743, that of Notre Dame, built after the design of Mausard, in the previous reign; the church of St. Symphorien, the town-hall, prefecture, theatre, royal college, public library with 48,000 vols., civil and military hospital, barracks, dépôt of naval and colonial archives, and hall of the jeu de paume, in which the depoties of the national assembly made their famous declaration (see below), are among the principal public buildings. In one of the open spaces is a marble statue of General Hoche, a native of Versailles. The town is ornamented by many handsome fountains, &c.; but it wears a duland deserted appearance, being no longer resorted to by the bean monde.

the bean monde.

Versallies is wholly indebted for its celebrity, and, indeed, for its existence, to the royal palace in its immediate vicinity. Louis XIII. had a hunting-seat here; but the present edifice, which is of prodigious size and magnificence, was erected by Louis XIV., who expended

mmense sums on its construction and embellishment. On the E. side, where it faces the piace d'armes, it consists of only an irregular succession of buildings, inclosing a few small courts. But on the opposite side, facing the gardens, it presents a noble faced, 645 yards in length, 3 stories in elevation, ornamented with lone pilasters, and with 80 statues 16 ft in height, allegorically representing the months, seasons, arts and sciences, &c., and crowned by a balustrade. Its galleries and salcons, enriched with every variety of coloured marbles, and splendidly gilt, are &the vast and magnificent. The Salon d'Hercule, and the Salles des Maréchaux, de Venus, Diane, Mercure, Mars, Apollon, I'Abondance, de la Guerre, &c., so named from the paintings on their ceilings, walls, or other appropriate devices, are all noble apartments. The Grande Galerie is 228 ft. in length, by 32 ft. in breadth, and 42 ft. in height: the ceiling, painted by Le Brun, represents some of the most striking events in the early part of the reign of Louis XIV. At one of its extremidies is the Salon de la Guerre. Besides its innumerable apartments, the palace has an elegant chapel, in which the unfortunate Marie Anbibette was united to Louis XI. On the Other Marie Anbibette was united to Louis XI. On the Other Marie Anbibette was united to Louis XI. On the Other Marie Anbibette was united to Louis Anbibette was united to Louis and transformed by the court dince 1789, and was gesting into a state of disrepair, when it was entirely renovated and transformed by his present majesty. Louis Philippe, into what may be called a national museum, intended to illustrate the history, and to exhibit the progress of arts, arms, and civilisation in France. In pursuance of this design, many small apartments, formerly appropriated to the longing the partments of the partment of the partments of the partment of the partment of

VESUVIUS (MOUNT).

which is here crossed by two stone bridges, 14 m. E. Liege. Pop., in 1846, 21,000. It is divided into the upper and lower town; some of its streets are wide many event of the streets are wide and well built, but many others are quite the contrary. When erected into a town in 1691, it was surrounded with walk, but these were afterwards demolished by the French. A new church the town-hall, and a little theastre with a front of the lonic order, are handsome buildings. It has a tribunal and chamber of commerce, a college, hospital, and several asyluma, nearly thirty public schools, a philanthropic society, bath establishment, &c. The Vessive is divided into numerous canals, for the use of the variess manufactories, which have increased rapidly since the peace. These comprise above 50 woollen cloth factories, and more than 30 dyeing-houses, with fulling and other mills, song-works, breweries, iron and lead foundries, &c. It has two marksts weekly, and four annual fairs. Great quantities of fullers' earth are dug up in the vicinsty, (*Fanderwaciin, Dict. &c. Liège; \$c.)

VESOUL, a town of France, dep. Hausto-Sades, & the foot of the Motte de Vesoul, a height covered with visayards and meadows, 56 m. K. N. E. Dijon. Topp., in 1845, inc. com., 5,341. It is well built and clean; moust of its streets are wide and straight, and it has several good public buildings, including cavairy barracks, civil and military, hospital, theater, prefecture, par. church, public baths, court-house, town-hall, &c. It has, also, a public buildings, and hardware. Near it are mineral waters, but they are turned to little account. (Hage, art. Heast-Sades, &c.)

VESUVIUS (MOUNT), a celebrated mountain of S. Italy, Æisseri igsts tsuitator, being the only active

they are turned to little account. (Hage, art. Haust-Sabac. &c.)
VESUVIUS (MOUNT), a celebrated mountain of S. Italy, Etneri ignat initiator, being the only active volcano, of any consequence, at present existing on the European continent; on the E. shore of the bay of Naples, and 10 m. E. by S. from the city, the creater being is lat. 40° 48° N., long. 14° 27° R. Vesuvius does not belong to the Apennine system, but rises, altogether unconnected with any of its ramifications, out of the great plain of Campania. Including M. Somma on its inlasside, it consists of a circular mass, the extreme height of which, about 3,380 ft., is to its diameter, 8 m., nearly as I to II; it is somewhat less elevated than Meunt Hecla, and only two fifths the height, with considerably less than one third the circuit of Etna. Br. Maclaren, by whom it has been carefully examined and Hecla, and only two fifths the height, with considerably less than one third the circuit of Etna. Mr. Maclaren, by whom it has been carefully examined and elaborately described, gives the following account of its external appearance:—"To gain a distinct conception of the aspect of the hill, shape out for yourself, by a mental effort, the following objects. Pirst, a aloging plain, 3 m. long, and 3 m. broad, stretching up, with a pretty rapid ascent, to an elevation of more than 2,000 ft., very rugged in the surface, and covered every where with black burnt stones, like the scories of an iron furnace; accomd, at the head of this plain, and towering over it, a cone of the same black burnt stones, with sides remarkably straight and uniform, shooting up in the blue sky to a further elevation of 1,500 ft.; siderd, behind this come a lofty circular precipice (the front of Moste Somman, 1,400 ft. high, and 3 m. long, standing like a vast wall, and of the same bluck burnt stones, with sides remarkably straight and uniform, shooting up in the blue sky to a further elevation of 1,500 ft.; siderd, behind this come a lofty circular precipice (the front of Moste Somman, 1,400 ft. high, and 3 m. long, standing like a vast wall, and of the same black and the burnt ground and the sea, a belt of land, 2 m. broad, laid out in vine-yards, but intersected every one or two furiouge by servaces of the same black calcined matter, projecting like offshoots from the centra mass, and now and them seventis is traced by the long terraces of the different currents is traced by the long terraces of the different carrents is traced by the long terraces of scories which cover and flank them.

"The top of the cone, which is about 2,000 ft. in diameter, presented the aspect of an uneven plane in the end of 1638; but when visited about five weeks after the

meter, presented the aspect of an uneven plane in the end of 1838; but when visited about five weeks after the end of 1838; but when visited about five weeks after the supplied of 1839; it had a regularly formed craser, shaped exactly like a tea-cup. I estimated its width at 1,500 ft., and its depth at 500. The rim or creet of lose and solid matter which surrounded it, was of very sequal breadth, 400 or 500 ft. on the W. side, and apparently not 50 at some other parts of the circumference. Snow having fallen some days before, clouds of steam rose from the cavity, which, however, were neither so dense nor so constant as to prevent us from occasionally seeing the bottom of the crater very distinctly. It was nearly level, without cravices or openings, and covered with loose blocks of laws of no great size." (Notes a France and Italy, 134, 135.)

Geologically considered, Vesuvius is but the representative of a more ancient and much larger volcane, of which Monte Somma is a remnant, and in the centre of which the modern, vent has been upheaved. Monte

which the modern vent has been upheaved. Moste Somma, on the N.E. side of Vesuvine, is a ridge ex-tending 3 m. in length, forming about one third part of a circle, and rather less lofty than the present cone of Ve-suvius. The average distance of the ecarpment of

Somma from the centre of the cone is about 1 m.; the back of the ridge dips outwards at an angle of \$0^{\circ}\$, while the front towards Venuvius is nearly vertical, rising 1,377 ft. (420 metres) above the level space which divides it from Venuvius, and which is called the Airs's det Cawalli, or "restibule of horses," because visitors to the craster are obliged to leave their horses, and perform the rest of the journey on foot. The Airio det Cavalli forms a segment of a circular ring, about § m. is breadth, at the base of the cone, dividing it from Somma, and having a continuation, in the shape of a depression, on the other sides, where a slight projection, called the Pedimenta, is supposed to indicate the place of the rest of the ancient escarpement, which, when complete, must have formed a ring 8 m. in circ. (Maclaren, p. 140.); being of greater extent than any crater with which we are acquainted. Hence, Mr. Lyell considers it probable that the ancient volcano was higher than Vesuvius, and that the first recorded explosion of the latter blew up a great part of the cone itself, "so that the wall of Somma, and the ridge or terrace of the Pedamentina were never the margin of a crater of eruption, but are the relics of a rulned and truncated cone." This species of phenomenon has not been without an example in modern times. During the eruption of Oct., 1823, more than 800 ft. of the cone were carried away by explosions, reducing the height of the mountain from about 4,500 to 3,400 ft. (Forber's Accosms of Mossas Fesserius; Lyell's Geology, ii. 80, 88, \$6...)

According to Maclaren, the rocks of Somma and Venuvius are mineralogically distinct. Somma, like Venuvius consists of lava, more or less cellular, scoriaceous on the surface, and forming long narrow bands atony matter intermined; but the stony matter of Venuvius is almost of the greater part of the beds under the tofa which forms the soil of the plain of Naples. Mr. Lyell conditions the soil of the plain in this, embracing several Espahorbiaces and other plants n

crust upon which we stood appeared to have settled down in some places; a woeful indication of its hollow state. After a few steps more we came to the edge of a prodigious hole, on the very summit of the cone, being the crater formed by the last eruption, four months previously. This hole was not by any means the tremendous thing we expected,—a fathomless abys, flery and black, with lava boiling at the bottom,—but a slope of grey ashes and cinders, much like that by which we had ascended, or scarcely more precipitous, and ending, at the depth of 400 or 500 ft., in g level place, with grey sales like the rest." The view from the summit is far inferior in extent and magnificence to that from Etna, but is, notwithstanding, extremely various, rich, and beautiful. The whole ascent and descent to and from Naples may be readily accomplished in seven or eighthours. (Simond's Twars, p. 421—422.; Ewstace, Class. Toron according to the seven of the se

^{*} Lyall says:—The excryment of Somma exhibits a structure precisely similar to that of the cone of Venuvins. The principal point of difference consists in the greater abundance in the older cone of fragments of altered sedimentary rocks ejected during eruptions. (Principles of Goslego, it. 82; iii. 38.3.) But it appears from Mr. Maclaren that later discoveries have been made. (Kete., &co., p. 199.)

provs. Potatoes are not much cultivated. Fruit is not plentiful; apples scarcely ripon. The forests are very extensive, they consist mostly of firs, intermixed with oak, elm, alder, lime, birch, and other trees. Cattle breeding, though a secondary branch of industry, is still of importance; and a good many small but robust horses are reared. Sheep are few. Furs, tar, iron, and copper, are among the chief products. Mannfactures, though not extensive, appear to be on the increase: in 1633, there were 62 factories for woollen cloths, linen and cotton stuffle, poner, soap, potash, couper, and iron 1833, there were 62 factories for woollen cloths, lines and cotton stuffs, paper, soap, potash, copper, and fron wares, &c., employing between 6,000 and 7,000 hands. About 2 million archines of woollen, and perhaps nearly double that quantity of linen cloth, are supposed to be annually made in the houses of the peasantry; and large quantities of spirits are distilled. Near Sarapoul is an extensive manufactory of arms, and at Votka anchors, gun carriages, and iron machinery of various kinds are made on a large scale. The government exports corn, flax, linseed, honey, tallow, leather, firs, silk goods, iron, and copper, to Archangel, and corn and timber to Saratof and Astrakhan. It receives manufactured goods from Moscow and Wijni-Novgorod, tea from Irbit, and and copper, to Archangel, and corn and timber to Saratof and Astrakhan. It receives manufactured goods from Moscow and Nijni-Novgorod, tea from Irbit, and salt from Perm. Viatka, the cap., is the great emporium of the trade. It is subdivided into II districts; Viatka, Słobodskol, and Sarapoul, being the chief towns. The inhabitzats consist of various races; Russians, Votiaks (of a Finnish stock, and from whom the prov. has its name), Tartars, Baschkirs, Teptiars, &c., prosessing many different religions. The Mohammedans are estimated at nearly 30,000; and the Shamanists and kiolators at 3,500. In 1831, there were only nine public schools, in which, 1,153 pupils were receiving instruction; but the number has since materially increased. This government is united under the same governor-general with Kasan: but the Tartars and Finns are subordinate to the jurisdiction of their own chiefs.

governo-general with Kasan: but the Tartars and Funs are subordinate to the jurisdiction of their own chiefs.

Viatka, a town of European Russia, cap. of the above gov.; on the Viatka, near the confluence of the Tehestas, 250 m. W. by N. Perm, and 250 m. N.E. Nijni-Nov-gorod. Fop. 6,890. (Fossert.) It has several stone churches, one of which, the cathedral, with a silver altar ornamented with bas-reliefs, cost 130,000 roubles. Here are numerous convents, with an episcopal seminary, gymnasium, and high school, founded in 1829. It was annexed to Russia by Ivan Vasillewitch, about the middle of the 16th century. (Schwitzler, La Russie; Fossart, Das Kaisertham Ressland, &c.)

VICENZA (an. Ficentia, or Ficetia), a city of Austrian Italy, cap. deleg. of its own name, on the Bacchiglione, where it receives the Retrone, 26 m. E. N.E. Verona, and 37 m. W. by N. Venice. Fop. in 1843, 183, 100. Though surrounded by dry moats and diapidated walls, it is one of the best built cities of Italy. It has an astonishing number of well-designed houses, many of which are of very fine architecture; and even those which are less deserving of praise would, from their number and the richness of their ornaments, produce a great appearance of magnifecnce in the city, if they were well kept up; but they appear forlorn, neglected, and half uninhabited. (Wood's Letter, &c. 1. 238.) Vicenza, says Forsyth, "is full of Palladio," the modern Vitruvius, born here in 1518, who has lavished all his skill on his native place. Besides about 20 palaces, the town-house, or basilica, the Church of Sta. Maria del Monte, the Rotunda, the Olympic triumplal arch leading to the Campo Marzo, the theatre of the Olympic Academy, &c. are the works of this architect. The most celebrated of these is the Olympic triumplal arch leading to the Campo Marzo, the theatre of the Olympic Academy, &c. are the works of this architect. The most celebrated of these is the Olympic Theatre, a noble edice, constructed upon the plain of the ancettal appearance. (Class. Town, i.

VIENNA.

Vicenza is a bishop's see, the seat of the council, and of the superior courts for the deleg., and has a lycoma. two gymnesiums, an ecclesiastical seminary, and many interior achools, eleven hospitals and orphan houses, a government pawn-bank, public library, societies of agriculture, de. The Olympic Andewsy was founded in 1505, for the encouragement of polite literature, and still, as formerly, includes the most respectable citizens. (Eurasec.) Source of the palaces have a few fine paintings; but they were mostly carried off by the French.

The Vicentines are said to manifest an aptitude for manufactures; and are, perhaps, inferior in industry enly to the inhabs. of Verona. They weave slik and weellen fabrics, and make leather, whalebone articles, earthenware, hats, gold and silver articles, fire-engines, dec., and have a coheiderable trade in agricultural produce. "As you enter the Vicentine territory," says life. Rose, "yes may observe a visible improvement in the mode of calivation. The fields are kept cleaner, and every thing indicates superior industry and exactness. If we except the resemblance of dislect, and some community of trifling customs, Calais and Dover are not more unlike than Padus and Vicenza, long subjected to the same government, and connected by facilities of communication both by land and water. To any nothing of the outward appearances of the two cities, which present a most remarkable contrast, it would seem as if the lababa, ware of different blood,—as if a colony of Venetian, making a knight's move, had leaped over Padus and equilibrior of different blood,—as if a colony of Venetian, and equilibrior of little consideration. (Tacet, Hist., til. 2.) It was sacked by Alarie in 401, and successively pillaged by Alarie in 404, and successively pillaged by Alarie in

the Venetians, who held it till the downfall of the republic in 1795.

Napoleon conferred the title of Duke of Vicenae on Canlaincount. (Rampoldi; Justr. Nat. Energe.; Weeds; Forath; Eustace; §c.)

VICH (am. Assesse), a town of Spain, in Catalonia, prov. Barcelona, in an undulating plain, 55 m. N. Bercelona. Pop. 12,500. (Millismo.) It is of a very irregular figure; some parts of it are well built, and 3 of its squares are handsome. The cathedral is very medicare, and is, indeed, inferior in many respects to the other churches. It has numerous convents, a sensinary, calege, and several hospitals, with manufactures of liese and hempen fabrics, printed cottons, woolken cloths, hats, and leather. (Millismo; Dist. (Séag.)

VIENNA (Germ. Wica, Lat. Vibadebons), a chy of Germany, cap. of the Austrian Empire, prov. Lower Austria, on an arm of the Danube, where it is joined by the small rivers Wien and Alster, 190 m. E. Mussick, 29 m. S.S. B. Berlin, and 800 m. N. W. Constantinople. Lat. of the observatory, in the centre of the city, 490-197 397. N. 1005. 167-227 dev. The pop., which in 1815 was about 15,000 men, to 387,927, and in 1846 to 410,946; but it has since declined.

The Danube, opposite Vienna, is divided into three or

390,000, had increased, in 1860, inc. the garrison on assess. 15,000 men, to 287,927, and in 1846 to 410,946; but it has since declined.

The Danube, opposite Vienna, is divided into three or four separate arms, the most southerly of which washes the walls of the city. Between the third and foorth ef these arms, however, is the important subserb of Leepoldstadt, with the Prater, the Augarton, and several other favourite promenades. This part of Vienna communicates with the city and the subserbs on the S. side of the Danube by five bridges, of which the Ferdinands Bruche, in the centre, is the chief. Vienna stands is a plain, elevated shout \$20 feet above the level of the sea; but so little above that of the Danube in this part of its course, that, with the exception of its. extremity, which is on the gradual ascent to the heights of Kablensberg, most part of the city is liable to inundational Vienna is of a nearly circular form, being about 10 m. is circ. The city-proper, in the centre, is, however, scarcely 3 m. round. It is enclosed by ramparts of brickwork, and a beautiful glads from 2 to 5 furlougs broad, planted with trees, laid out in public walks, forming, like the parks in London, the lungs of the bestropolis; these separate the city from its numerous suburba, which, on the S. side of the Danube, are again esclosed by a line of ramparts, originally thrown up in 1708, where the passports of travellers are demanded.

Vienna, from its size, wealth, population, and activity, deserves to be compared with London and Paris better than any other European capital. Its chief points of external difference from these cities are that it preserves about it more antique grandeur, and that its the old and not the new parts of the town which form the fashionable quarters. Most part of the principal botch, and the streets irregular, narrow, and dark; but where the homperial family and most of the nobility reside. Nearty all the best shops, principal hotels, arc., are also to the interpretal family and most of the nobilit

VIENNA.

laces and garden-villas of the higher nobility, including those of Princes Liechtenstein, Esterhaz, Schwartzenberg, Anersberg, Metternich, &c.; the Belvidere Falace, built by Prince Bugene, but appropriated by Joseph II. to the imperial picture gallery, and other public institutions; with immense barracks, magazines, and other military establishments, hospitals, &c. The streets in the subarbs are generally broad and straight; but some of them, being unpaved, are in wet weather dirty and muddy. The thoroughfares in the city-proper are, on the contrary, uniformly clean, and well paved; but no part of the capital has as yet the advantage of footpaths.

no part of the capital has as yet me auvantage of non-paths.

The houses, both in the city and suburbs, are in gene-ral huge edifices, and, as in Paris, are built around court-yards, and occupied by many different families. Some of these dwellings are of enormous extent, and quiet towns in themselves. Prince Esterhazy has one comprising 150 different sets of apartments, and yielding a revenue of 1,500 to 2,000t. a year; and one belonging to the Stah-remberg family is said to be inhabited by 2,000 persons, and to produce a rental of 4,000t. a year? (Russed, Tour is Germany.) The Burgher Spital, formerly an hospital for citizens, was converted by Joseph II. into a dwelling-house: it is 6 stories high, has 10 courts and 20 stair-cases; and several other houses are of equally colossal dimensions. No city in Europe has so large a number of resident nobility as Vienna: 24 families of princes, 70 of counts, and 60 of barons make it their home for the greater part of the year. These nobles may perhaps have fortunes of from 100,000 to 500,000 florins a year, and several, as Prince Esterhazy, Liechtenstein, &c., considerably more. Here, also, many private gentlemen and several, as Prince Esterhasy, Liechtenstein, &c., considerably more. Here, also, many private gentlemen spend 50,000 florins a year; and, with the exception of those of London, the citisens of Vienna are the richest in the world. Berlin and Dræden may, perhaps, have more cornices, pillars, and handsome public buildings, and in Munich and Paris these may have a more imposing effect, but in none of these capitals are there so many noble and extensive private edifices. The Herrengasse and other streets near the imperial residence are full of palaces of the higher nobility. These, as in London, frequently extend along narrow thoroughfares, and are not distinguished from humbler residences except by their greater size and elevation; their interiors are sumptuous.

their greater size and elevation; their interiors are sumptuous.

Nearly all the so-called squares of Vienna are within the city. They are irregular, and comparatively small open spaces, none being so large as Waterloo Place: the cathedral stands in the centre of St. Stephen's plats, and the Graben is an incessant thoroughlare, and may be looked upon as the Charing Cross or Mansion House Place of Vienna. Most of these open spaces are ornamented with one or more monuments, or fountains. These, however, are not always in good taste. In the Joseph plats is a fine equestrian statue of Joseph II., by Zanner. "The emperor, the resemblance to whom is said to be very striking, is attired in the Roman costume, and crowned with laurel; wish one hand he curbs the impetuosity of his steed, and the other he extends to his people. The statue reposes on an elevated pedestal of granite, bearing the inscription Salusi public visit non dis sed soins; and which, with its attendant pilasters are adorned with medallions, representing, not the remarkable events of his life, but his travels! It was erected by the late emperor, Francis II." (Spencer's Germany, &c., ii. 134.) But, except this, Vienna has no other statue of her great men or benefactors; there is none of Montecuculi, Prince Eugene, Lacy, Laudohn, Louis of Baden, or John Sobleski; none of Daun or Kaunits, Van Swieten, Mosart, or Haydn. In respect of such memorials, Berlin, and even London, are far before Vienna. In her bridges Vienna las las immeasur-

Louis of Baden, or John Sobleaki; none of Daum or Kaunitz, Van Swieten, Mozart, or Haydn. In respect of such memorials, Berlin, and even London, are far before Vienna. In her bridges Vienna is also immeasurably behind London and Paris, having none worth notice. The Danube is here nowhere much more than 60 yards across; being, also, a singgish and muddy, though a navigable stream. The Wien is little better than a mere filthy ditch. The drainage of the town is effected by good underground sewers.

Public Buildings, \$c. — The chief of these is the cathedral of St. Stephen, almost in the centre of the city, and from which the principal thoroughlares diverge. It is an elegant Gothic building, ranking in elevation and richness of architecture with the cathedral of Strasburg and Antwerp. Its length is \$50 ft., and its greatest breadth \$20 ft. Flanking its great W. doorway are two towers, the remains of the original church, constructed in 1163; and at the angles of this front are two magnificent piles of a similar kind, though only the most southerly has been finished. This tower and spire is 450 ft. in height, or barely 16 ft. lower than that of Strasburg; it has a bell weighing \$37\frac{2}{3} cwt., cast from cannon taken from the Turks, and declines towards the N. about 3 ft. from the perpendicular. The exterior of the cathedral has a good deal of rich tracery. Within are some good wooden carving, a few good pictures, the monuments of Prince Rugene, the emperor Frederick III., &c., and a

gorgeous chapel of the Liechtenstein family; but, on the whole, its interior is but little decorated. A crypt beneath it served for 3 centuries as the burial-place of the impe-

gorgoous chapel of the Liechtenstein family; but, on the whole, its interior is but little decorated. A crypt beneath it served for 8 centuries as the burial-place of the imperial family; at present, however, only parts of their viscers are preserved here; their hearts being deposited in the Augustine church, and the rest of their bodies in the Augustine church, and the rest of their bodies in that of the Capuchins. The church of the Augustines is one of the handsomest in Vienna, and contains the monument of the archduchess Christine, one of the finest works of Canova; besides those of Leopold II. Daun, Von Swieten, &c. The church of St. Charles Borromeo is an imposing edifice, in the Bysantine style; Metastasio is burled in that of St. Michael, and the Carmelite church has some fine stained glass. Vienna has, in all, nearly 60 churches, a third part of which are in the city; 17 conventual establishments, a Scotch Lutheran, 3 Greek churches, and 3 synagogues.

The Burg, or imperial palace, occupies a large extentor ground in the S. W. quarter of the city. It is externally a gloomy and shapeless congeries of buildings, erected from the 14th to the 17th century, on a par, Mr. Spencer says, in point of architecture, with St. James's. It comprises extensive suites of rooms; though these, in the simplicity of their furniture and decorations, show the unostentatious habits of the Austrian princes. The state-apartments with their ancient gilding, and faded velvet hangings, remain in the same condition as in the time of Maria Theresa. But the palace has some fine collections in art and science. The imperial library, which comprised, according to Babli, in 1835, 284,000 printed volumes, and 16,000 MSS., is placed in a handsome edifice built for the emperor Charles VI., whose statue, with that of many other Austrian monarcha, is placed in the centre of the grand hall, an apartment 240 ft. In length, by 45 in width and 62 in beight, with a fine dome rising 30 ft. above the celling. The library increases by about 3,500 vol collection of intaglios and cameos. One of the latter, re-presenting the apotheosis of Augustus on an enormous sardonyx, is supposed to be the finest existing: and the coins and medals amount to 80,000, including 18,000 Greek, and 23,000 Roman. (Turner; Musray's Hand-book.) The collection of ancient sculpture is far infe-rior to the collections of either Dresden or Munich; but there are excellent museums of natural his-tory and botany, and the cabinet of minerals surpasses every other in Rurome. Here are also Kerntina and

book.) The collection of ancient sculpture is far inferior to the collections of either Dresden or Munich; but there are excellent museums of natural history and botany, and the cabinet of minerals surpasses every other in Europe. Here are also Egyptian and Braillian museums, a good collection of Greek vases, and the imperial jewel-office; in which, including a number of reilets, are the Austrian and Hungarian regalla, the Florentine diamond, the iron crown, aceptre, &c. of Charlemagne, the sword of Tamerlane, &c.

The Belvidere Palace is appropriated to the Ambras museum, and to one of the finest collections of paintings in Europe, being especially rich in works of the Flemish and German schools. The Ambras museum, formed late in the 16th century, includes, besides other curiosities, a most interesting historical collection of armour. The paintings in the Imperial gallery are classed in separate rooms, according to schools. In those of the Italian schools are the funous Ecce Homo of Titian, formerly belonging to Charles I. of England; a superb Holy Family by Raphael; many other pictures by these artists, and by P. Veronese, the Caracci, 3. Rosa, &c. In those of the Flemish school are three masterpleces by Rubens: St. Ignatius driving out evil spirits; St. Ildefonzo; St. Ambrosius closing the church door at Milan against the Emperor Theodosius; some of the best works of Rembrandt and Vandyck; and pictures by Teniers, Cupp. G. Dow, &c. Other rooms are appropriated to the German, Austrian, and Spanish schools, works of the middle agrees, a comparative series of Italian paintings from the 14th to the 19th century. In the Belvidere gallery is the mosale copy of Da Vinel's Last Supper, for which Napoleon engaged to pay 15,000 secchinos, and which was afterwards bought for the same um by the late Emperor Francis II. "At Dresden," says Mr. Turnbull, "the gallery comprises perhaps the grandest ensemble in Europe, but is so neglected, so involved in gloom and dirt, as to afford too often a feeling more akin to pain that

themselves are rarely first-rate specimens. The gallery of Vienna is good alike in intrinsic excellence, in order, and in condition. Of the museums generally, as, indeed, of most of the institutions under the Austrian government, the high and eminent excellence is their admirable adaptation to practical utility. In those of other countries we had seen articles of greater individual rarity; entire assemblages of certain branches, more copious and complete; but in no one were the various objects, to our apprehension, so ably and lucidly arranged, labelled, described, and exhibited, as at Vienna; and this, too, in a city where space and light are so defective. They are fully exhibited to the public, during a convenient number of nours; and the student has ample opportunity of following up his researches therein, in connexton with lectures gratuitously afforded on the principal branches of science." (Tarabull's Austria, 1, 236—236.)

The Imperial arsenal has one of the richest armouries in Europe. In the upper rooms 180,000 stand of arms are kept; and, besides a large store of weapons and armour of different dates, we have here the buff coat worn by Giustavus Adolphus at the battle of Lutsen, the arms of Mariborough, Eugene, Stahremberg, and Mouteoucult, numerous standards, the enormous chain thrown across the Danube by the Turks in 1829, &c. The city arsenal is a fine building, constructed by the citisens at their own expense, and bas, with many curiosities similar to the above, arms sufficient for 26,000 civic guards. The Imperial ridding-school is also a handsome edifice by Fischer of Erlach, but lost among the buildings of the Burg thor, is a noble palace appropriated to the Royal Hungarian guard.

Vienna has five theatres; the principal are, the Hofthearte attached to the palace, and that at the Karuthner.

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Vienna has five theatres; the principal are, the Hoftheatre attached to the palace, and that at the Kärnthner-thor (Carinthian-gate). The first is devoted solely to the performance of the regular German drama; and, though not the largest, is by far the finest theatre in Vienna. It is both clean and well lighted, and is said somewhat to resemble Drury Lane. The acting here is at least equal to that at Berlin; and the performers have, after ten years' service, a handsome pension settled on them for life by the government, with an annuity after their death for their widows. (Strang's Germany, Ils. 133.) The Kärnthner-thor is the opera-house of Vienna, and the singers and orchestra are unsurpassed in Germany. This house is very large, having alt complete rows of boxes and a half circle next the plt: but the largest theatre is one on the Wien, appropriated to equestrian pieces. The really national theatre of the Viennaes is the Beym Casperi, in the Leopoldstadt. This theatre, the Adelphi or Ambigs Comique of Vienna, is appropriated to farces, and is the arena on which the national character is painted in the most lively colours and broadest manner. Here, says Mr. Strang, one circumstance is noticeable, as indicative of the power of "the million," even in Austria. The police, though exceedingly strict in the regular theatres, are said to wink hard at the political jokes that are frequently cracked on this tage: while the pulse of the public is not unfrequently felt here, by somewhat the same means as the old Council of Ten used to adopt at Venice, through the tricks and colloquies of Punchinello. (Germany is 1831, il. 258, 256.).

of Ten used to adopt at Venice, through the tricks and colloquies of Punchinello. (Germany in 1831, il. 255, 256.)

Vienna has several handsome gates, the chief of which is the Burg-thor, near the palace; but none is comparable for magnificence to the Brandenburg gate, Berlin. Indeed, every object brought under public observation appears externally more splendid, elegant, and attractive in the Prusian capital; "yet it is merely as shadow to substance, for in Vienna, behind dark walls, there is far more sterling value than in the finest palaces of its vival." (Sprucer's Germassy, &c., ii. 186.)

Schools, Litraries, Galleries, &c.—Vienna has a university, founded in 1237, but which was wholly remodelled by Von Swieten in the time of Maria Thereas. It is celebrated on the Continent as a school of medicine, and is probably attended by a greater number of students than any other German university, except that of Berlin: in 1832 it had 1,619 students, of whom 309 studied divinity, 329 law, 519 medicine and surgery, and 499 philosophy, &c. (Journal of Education, vol. ix.) There are between 70 and 80 professors, vol. ix.) There are between 70 and 80 professors, all of whom are pald by government, and are neither permitted to receive fees on their own account, nor to give private lessons. The theological, surgical, and veterinary courses are delivered gratitiously; but the student has to pay a fee of 18 for. (about 11. 11s. 6d.) for attendance on the lectures in philosophy, and of 30 for. (2. 12s. 6d.) for attending those in medicine and jurisprudence. The whole amount of the moneys thus ald for tuition during the session is expended in stipends to indigent students, and divided among them, without reference to their religious creeds, in allowances varying from 50 to 150 for. (4d. 10s. to 12s. 10s.). Nearly all the university has a library of above 100,000 vols., and 150s.

a year is expended in the purchase of new we and it receives, gratia, a copy of all works priests Lower Austria. (Journ. of Education, 1834; Sastis Journal, 1841.) An observatory, and a botanic gar are attached to this establishment.

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The Polytechnic Institute, a handsome structure facing the placis, was founded by the Ruperor Francis in 1816, to afford instruction in the practical sciences, arts, and commerce; and a few years since had about 750 papils and 35 masters. Besides the ordinary breaches of knowledge, the pupils are taught the history of commerce, the knowledge of merchandize, mercantile law, and correspondence, natural history and chemistry as applied to commerce, drawing, mathematics, &c.; far which instruction the pupils pay only 3 fl. a month, and, for a small axtra sum, are taught Latin, Ruglish, French, and Italian. Among other collections, this school has a museum of the products of arts and manufactures, both Austrian and foreign, and a valuable library. The Theressassum, for the sons of the aristocracy, and the nocual school of St. Anne, were both established by Maris Theresa. The former was suppressed by Joseph II., but restored by Francis; and it has now a library of 30,009 printed vols, besides MSS. and pamphlets. Joseph II. established both the Oriental Academy and the Josephsum; the latter, an institution for the education of army surgeons, which has attached to it an hospital capable of receiving 1,900 patients, a collection of anatomical figures is wax, by Fontana, &c. Basides these establishments, Vienna has a special seminary for the education of the secular clergy, a Protestant seminary, founded in 1831; 6 military colleges, with nearly 1,000, and 49 minor establishments for military education, with nearly 2,000 paying an academy of the fine arts for about 1,200, and a musical scandeny for 200 students; besides about 60 inferior public schools. (Josew. of Educ., &c.) In addition to the libraries already mentioned, the Archduke Charles has ene of 25,000 vols., Prince Liechtenstein of 60,000, Prince Liechtenstein of 60

going gaiteries are all open to the pouloc at state times. (Balbi, Essai sur les Bibliothèpuss de Vienne, pp. 96.—113.)

In statuary, also (though not in public statuses of celebrated men), Vienna is very rich. Canova's group of Theseus killing the Centaur deserves especial mention. It was originally intended by Napoleon to surmount the grand arch at Milan, but is now placed in the Theseusa, a Doric temple, on the Volks-garten, in milation of the temple of Theseus at Athens. "This group is of Canoraramarble. The hero is in the act of grasping with his left hand the throat of the Centaur; while his right arm, raised behind his helmeted head, elenches the club with which he prepares to inflict the fatal blow. The whole character of the group is in Canova's most effective style." (Twrnbull, 1.942.)

Hospitals and other Charities.—Few capitals are so abundantly furnished with charitable institutions as Vienna. Many of the principal, as the general hospital, house of invalida, deaf and dumb asylum, &c., were founded by Joseph II. The general hospital is a vast building, ranged around 7 quadrangies, having 2,000 patients. It partly answers the purpose of a sansstorkens, there being separate bed-rooms, which, with medical actendance, and every comfort necessary for an invalid, are writhin the reach of persons of limited income, on the payment of a small sum daily. The hospital of the Charicable Brethren, supported partly by voluntary contributions, is a monastic establishment, but open equally to Jews, Turk, and Christians of all persuasions. "The House thall are two large pictures of the Battles of Leipsic and Asperse. The Deaf and Dumb Asylum is well conducted; and those among the pupils who evince intelligence are often these among the pupils who evince intelligence are often.

• It may be remarked here, that there is an inctowards religious toleration (in Vienna at least) in revenment. Mr. 9trang believes that there is a real is part of those in power in Austria to tolerate every belief, provided it be not accompanied with offuneive. et) in the At VIENNA.

afterwards employed in state affairs requiring secresy. There are schools for the blind, &c., and a lunatic asylum, which is, however, said not to be so well conducted as most of the other public establishments. Attached to the General Hospital are the maison d'accouchement and foundling hospital. In the former of these "not and foundling hospital. In the former of these "not even the name of the applicant is demanded; she may enter veiled or masked, and remain incog the whole time she continues in the house; she has merely to deliver a scaled paper to the superintendent, containing her name and real address, that, in the event of death ensuing, her relatious may be apprised of her fate." (Spencer, 163.)
The person who brings a child to the Foundling Hospital receives a ticket, by presenting which, the child may at any time be reclaimed: if it be not taken away, it is, at the proper age, brought up to some employment. It is probable that an institution of this kind may prevent a few cases of infanticide; but the mortality in this, as in all similar institutions, is quite excessive, and there can be no doubt that it acts as a powerful incentive to vice and immorality.

Commerce, Hotels, Shops, &c.—Vienna is the great

and there can be no doubt that it acts as a powerful incentive to vice and immorality. Vienna is the great emporium of the Austrian provs. N. of the Alps, and an important dépôt for the interchange of goods between E. and W. Europe. It has extensive establishments for cotton printing, and for the manufacture of silks and velvets, and of cotton fabrics. The porcelain manufacture of vienna is amongst the most celebrated on the continent, and it has an imperial cannon foundry, and ananufacture of small arms, said to employ 500 workmen. Cutlery, watches, and jewellery, bronze and other metallic goods, meerschaum pipes, musical instruments, paper, chemical products, gloves, leather, hosiery, chocolate, and liqueurs, are among the other principal products: it has several large printers and music engravers. Many of the most wealthy mercantile houses belong to Greeks. The National Bank of Vienna, established during the Seven Years' War, was reconstituted in 1815. Its capital fe9,000,000 forins is divided into 31,620 shares. It has the exclusive privilege of issuing notes in the Austrian Empire, and has, or recently had, 11 branches. During the late disturbances it advanced large sums to government, so that the detx due by the state to the bank is now very heavy. The payment or reduction of this debt will depend on the measures taken to improve the financial condition of the empire.

The hotels are of two classes: living in those of first-

cial condition of the empire.

The hotels are of two classes: living in those of first-rate excellence costs about one third more than in Paris;

The hotels are of two classes: living in those of infarrate excellence costs about one third more than in Paris; but those of the second class are very good of their kind. Lodgings are twice as dear in the city as in the suburbs, where a room tolerably furnished may be had for 6 fl. a month. The cafe's of this city are not decorated with the same splendour as those of Paris, but they are quite as much frequented, being resorted to in the evenings by both sexes of the middle classes, and at other times by gentlemen to play at billiards, or to smoke, which is not permitted in the streets. (Marray's Handbook, &c.) From their number being limited by government, the profits realised in the coffee-houses are great, and they frequently bear a value so high, that Russell mentions one on the Graben, for the privilege belonging to which a purchaser paid upwards of 3.00% in addition to an extravagant price for the house itself. (ii. 345.) Vienna is well supplied with provisions of all kinds, which arg generally cheap. House rest it said to be lower than in Paris; servants' wages are much less; furniture is still cheaper; and a pair of good Hungarian carriage horses, the keep of which will cost about 30%. a year, may be bought for 40%. "No town exhibits such an appearance of people living amidst plenty, such an absence of success of the order of the order of the part of the province of the province of the province of the part of the province of the province of the part living amidst plenty, such an absence of usensy classes, and of anything that can represent poverty. The hackney coaches are as neat, clean, and showy as private carriages; the horses are generally in excellent condition. The shops, though in such narrow streets, are as dushing as those of London or Paris; and most of them have signs, with paintings almost worthy of museums. The book-sellers' and picture shops are numerous and large; and with paintings almost worthy of museums. The oversellers' and picture shops are numerous and large; and besides the literature of every state in Germany, you may find many popular books and the principal engravings published in England and France." (Austria and the Austrians, 1. 49, 50.)

Parks, Amusements, &c. — The principal amusements of the Viennese are music, dancing, the theatres, and frequenting the Prater and other fine promenades which encircle the city. The Prater, the Hyde Park or Champs Elysées of this capital, is handsomer than either, and may in fact he considered the finest public park in Europe. It

Eigses of this capital, is mandsomer than either, and may in fact be considered the finest public park in Europe. It is nearly 4 m. in length by half as much in breadth, being enclosed between 2 arms of the Danube. Besides the enclosed between 2 arms of the Danube. Besides the fashionable drives, the Prater contains a great number of coffee and ice houses, pavilions, shows, &c., and is generally filled with a throng of people, particularly on Sundays and holidays. The glacis is studded in a similar manner with places of entertainment, and the Augarten and Ratchton and both N. of the Danube and the Vallement. Brigitten-au, both N. of the Danube, and the Volksgarten, within the city, are promenades in much the same style.

The duncing saloons, or public ball rooms, are not in geVol. 11.

neral what can be called fashionable places of amusement, though the imperial family and higher nobility attend the balls in the Redontensaal at the carnival and other times. They are, however, resorted to by great numbers of the middle and also of the upper classes, and one of the principal, the Apollo Snall, can accommodate with ease 10,000 persons. The music here is of a superior order, the celebrated bands of Strauss and Lanner, and others little inferior, being constantly engaged. Mr. Russell says, persons. The music nere is of a superior order, the cenerated bands of Strauss and Lanner, and others little inferior, being constantly engaged. Mr. Russell says, "The Vieunese take to themselves the reputation of being the most musical public in Europe, and this is the only part of their character about which they display much part of their character about which they display much jealousy or anxiety. So long as it is granted that they can produce among their citizens a greater number of decent performers on the violin or piano than any other capital, they have no earthly objection to have it said that they can likewise produce a greater number of blockheads and debauchees." (Tour, &c., ii. 271.)

Morals, &c. — Vienna has acquired the character of being the most dissolute capital in Europe. But without stopping to inquire whether it be entitled to this distinction, it is, at all events, a most agreeable place for a stranger. A liveliness and bonhomic prevades society; in bustle and activity Vienna rivals London and Paris; and the pursuit of pieasure appears one of the main occupations of the great mass of the inhabs. The peace of the city is preserved with the utmost care. The arrelated activities and dense of strangers are care-

occupations of the great mass of the inhabs. The peace of the city is preserved with the utmost care. The arrivals, departures, residences, &c. of strangers are carefully noted; passports are strictly examined, and great care is taken that visitors shall show that they have the means of paying their way. With residents, however, the police interfere but little, and never obtrusively. Among the drawbacks on a residence here are, the furlous driving in the crowded thoroughfares, through which pedestrians have to wind their way among beans of fuel.

Among the drawbacks on a residence here are, the furious driving in the crowded thoroughfares, through which pedestrians have to wind their way among heaps of fuel, the hewing of which is incessantly carried on before the doors of the houses; the great variability of the climate, and the indifference of the water.

Vienna is an archbishop's see, the residence of the Protestant superintendent for all the S.W. provs. of the empire, the seat of the high judicial tribunals, and central bureaux of the Austrian dom., of the court of appeal for the archduchy of Austria, and the provincial government of the prov. below the Enns. Though not in general famous as a seat of literature, it has, among many other associations, a literary society; of which You Hammer, the Orientalist, the poet Grilparzer, the historian Maliath, the novelist Caroline Pichler, the mineralogist Mohs, Balbi, &c, are members. Such was the influence of the censorship, that the city produced only two newspapers, and those worth little or nothing, with a few weekly scientific and fashionable papers, a monthly and a quarterly journal. The upper classes speak English, French, and Italian almost as well as their native language.

The empire of the control of the residence of the state of the season of the sea

The environs are picturesque, but the roads around are very bad. About 2 m. from the city is Schönbrunn, the very bad. About 2 m. from the city is Schönbrunn, the favourite summer residence of the emperor. It stands in a large park stocked with deer and game of all kinds. The palace, built by Maria Therea, is a vast monotonous pile, but richly furnished, and possesses many interesting portraits of the Imperial family. It was twice occupied by Napoleon: the treaty of Schönbrunn was signed in it in 1809, and here the Duke of Reichstadt, son of Napoleon, died in 1832. In the grounds are the Gioricite, a large columnar temple, from which a fine view is obtained; a menagerie, a splendid botanic conservatory and gardens, with eating, houses, music and dancing-rooms, &c., for the public. Not far irom the Schönbrunn are Lacksenburg, Brühl, Baden, &c., frequented by pleasure parties from the metropolis, in much the same way as Richmond, Greenwich, or St. Cloud.

History.—Vindabona was remarkable in antiquity as the place where Marcus Aurelius expired. It was successively taken by the Goths and the Huns, and subsequently by Charlemagne, who placed it under the government of the Margraves of the E. part of his dom, thence called Oester-reich, and Austria. The margraves, afterwards dukes, held Vienna till the middle of the 18th century, soon after which it came into the possession of the bouse of Hapsburg. In 1844, it was taken be the Huns. favourite summer residence of the emperor. It stands

afterwards dukes, held Vienna till the middle of the 18th century, soon after which it came into the possession of the house of Hapsburg. In 1484, it was taken by the Hungarians, whose king, Mathias, made it the seat of his court. Since the time of Maximilian I., it has been the usual residence of the archdukes of Austria; and emperors of Germany. It was besieged by the Turks in 1629 and 1683: on the first occasion it was relieved by Charles V., and on the second by John Sobleaki of Poland, who totally defeated the enemy beneath its walls. In 1619 it was unsuccessfully blockaded by the Bohemian Protestants. In 1797, it was threatened by the French, but its siege was averted by the peace of Leoben. The French took it, however, in 1806 and 1809. The congress which parcelled out Europe into its modern subdivisions sat here from the 3d Nov. 1814 to the 9th June, 1815.

On the 6th Oct. 1848 a formidable insurrection broke 3 N

out is Vienna. One of the ministers, Count Latour, having been assassinated, and the others compelled to seek their safety in sight, the town fell into the possession of the insurgents. But the revolutionary spirit did not extend to the other portions of Austria Proper; and the army having continued faithful to its sovereign, the city was reduced to obedience on the 31st Oct., and the insur-

via reduced to be detected the state of the rente, and W. Deux Sevres. Area, 676,000 hectares. Pop., in 1846, 308,391. It derives its name from the river Vienne, an. Vigenna, which rises in the dep. Creuse, and after traversing Haute-Vienne, a part of Charente, Vienne, and Indre-et-Loire, at first in a W., and afterwards in a N. direction, enters the Loire and atterwards in a N. direction, enters the Loire after a lengthened course. Its principal affluents are the Thorison, Issoire, and Creuse from the E., and the Briance, Vaire, and Clain, from the S. and W. Limoges, Confolens, Chatelherault, Chinon, &c., are on its banks. Nearly all the other rivers of the dep. are tributaries of the Vienne or of its affluents. Surface, mostly level; but in the S. a chain of heights separates the basin of the Loire from that of the Charente. The soil in the level ground is moderataly good but in the she basin of the Loire from that of the Charente. The soil in the level ground is moderately good, but in the S., it is thin and chalky. In 1834, the arable lands were estimated to comprise 413,131 hectares; pastures, 42,733 do.; vinegrade, 29,744 do.; woods, 60,373 do., and heaths, wastes, &c., 75,167 do. Wheat and oats are the grains principally cultivated; rye and millet are raised for home consumption; but in years of scarcity, chemuta are a principal resource of the pop. From 500,000 to 700,000 hectol. wine are annually produced; but, on the whole, its quality is inferior, and large quantities are converted into cass de-vic, frequently of great excellence. The white wines are the most extensively produced; the red wines are generally très-coloris, dwr., etc. 700,000 hectol. wine are annually produced; but, on the whole, its quality is inferror, and large quantities are converted into cast de-vic, frequently of great excellence. The white wines are the most extensively produced; the red wines are generally tria-coloris, dww., et apris; its se gardent long-temps, et s'ambitiorent en vicilisanst; on cas a va qui conservatient encore leur vicilisanst; on cas a va qui conservatient encore leur vicilisanst; on cas a va qui conservatient encore leur vicilisanst; on cas a va qui conservatient encore leur vicilisanst; on cas a va qui conservatient encore leur vicilisanst; on cas a va qui conservatient encore leur vicilisanst; on cas a va qui conservatient encore leur vicilisanst; on cas a va qui conservatient encore de va de la casta de l

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exist. Here, alse, are several middle-age antiquita, among which is the cathedral, considered one of the bet Gothic edifices in France. It stands in an elevated petition; its graud entrance is ornamented with sculpture, and fauked by two high towers; the roof is supported by 48 lofty columns in the interior; the galleries have Cothic balustrades; and it has a fine monument of our of the archbishops of Vienne. The church of an ancient albey is also worth notice. The other principal buildings are the cavairy barracks, college, hospital, writteness, corn exchange, abstotr, and public library with 14,000 vols.

Vienne has manufactures of woodlen cloths, pasteboard, roon and copper plates, &c.; and near it are some argusticon and copper plates, &c.; and near it are some argustical contents.

house, corn exchange, abattoir, and public library with 14,000 vola.
Vienne has manufactures of woollen cloths, pastekoard, Iron and copper plates, &c.; and near it are some argentierous lead mines producing about 1,500 quistals a yer of metal. It was anciently a city of consequence, having been successively the cap. of the Allobrops; of its prov. in Narbonness Gaul, under the Romans; and of the first and second kingdoms of Burgundy; and in the early age of Christianity, it was the see of the archbishop, prisses of Gaul. It was united with Dasphiny to the French dom. by Louis XI. The famous council, held in 131, which abolished the order of the Templars, met in this town. (Hago, art. Isire; Dict. Géog., &c.)
VIENNE (HAUTE), a dep. of France, reg. W., between lat. 480 25' and 480 25' N., and long. 00 25' mid. 10' 45' E., having N.W. and N. Vienne and indre; E., Creuse; S.E., Correse; S.W., Dordogne; and W. Cherente. Area, 564, 266 bectares. Fop., in 1846, 344, 725. The surface is hilly, particularly in the E., and the mean elevation of the dep. is estimated at between 1,500 mid. 1900 ft. above the level of the sea. The rivers, the principal of which are the Vienne (see previous art.) and the Gartempe, with their tributaries, have generally a W. direction. The soil, being mostly compased of the debris of granke, and other primary recks, is, is general, of inferior fertility. In 1834, the arable lands were estimated to comprise 13,384 hostore; pastare, 129,394 do., Wheat is but little grown; its place being supplied by rye, buckwheat, chesmuta, and potators. Very little wine is grown. The pasture hands are comparatively good; and, is 1800, the sheep in the dep. were estimated at nearly 610,200 bend, and the cattle at 18,000 ft., and upwards. The fine potters' chy at St. Yriex is, perhaps, the most valuable of the mineral products; there is at in mine at Vautry, the only 18 ac in 180, of 59,733 properties, subject to the contrib, foncière, 25,483 were assensed at leas than 5 ft. and opper, iron, lead, animaly as ma

wooden shoes, &c. It is estimated, that 18,000 inshated this deep migrate annually as masons, sawyers, carpeners, &c. into the depa. Señee and Rhone, and the aremaic on the W. coast. Haute Vienne is divided into 4 arronds.; chief cowns, Linogee, the cap., Belliac, Rochechount, and St. Yriex. It sends 5 mems. to the Chamber of Deputies. Registered electors, in 1838-28, 1,665. Total public revenue, in 1831, 5,108,607 fr. (Hange, arts. Firster and Haute Vienne; French Official Tables, &c.) VIERZON-VILLE, a town of France, dep. Cher. cap. cant., on the Evre, near its junction with the Cher. in a fertile plain, 19 m. N.W. Bourges. Pop., in 1854, 4,860. It consists principally of one street, which weakl be among the best in France, if furnished with footward to the control of the c

the army of the Black Prince. (Dict. Ging.; Engr. &c.)

ViGAN (LB), a town of France, -ep. Gard, em. avroud., on the Arre, a tributary of the Hersuit, &n. W.N.W. Nismes. Pop. in 1836, 4,696. The Dict. Ging, any that it is old and ill built; but according to the Guste of Foyagerser, it is the pleasantest and most bealisy of all the small sowns in the Cevennes, and one to which the opulent inhabe. of Nismes and Montpellier resort during the bests of summer. In one of its squares has been erected a fine bronze statue of the Chevaller d'Assa, a native of the town. It has manufactures of cotton silk hosiery, cotton yarn, leather, and paper.

VIGEVANO, a town of N. Islay, dom. of Bardinis, div. Novara, prov. Lomellina, cap. mand., on the Moranear the Ticlino, and 14 m. S.S.E. Nevara. Fop., in 1838, 13,221. Its site is elevated, and it enjoys a sale-brious climate. It is enclosed by walls, has an old casher a cathedral, which stands in a square surremeded on a side by areades, one of the best cavalry barracks in Pledmont, numerous convents, an hospital, government.

pawn-bank, a communal college, and a sametorium, esta-blished in 1832. Near it is a large and handsome Domi-nican convent. The town has manufactures of silk stuffs, nices convent. The fown has manufactures of all a stum, hats, seep, measuroni, &c.; two annual fairs of 8 days each, and markets twice a week. This town gave birth to Francis Storsa II., duke of Milan, and is much indebted to the munifacence of the Storsa family. Under the French it was the cap, of an arrond., in the dep. of Access of Remeated (Access of the Storsa family Under the French it was the cap, of an arrond., in the dep. of

to Francis Sforza II., duke of Milan, and is much indebted to the munificence of the Sforza family. Under the French it was the cap, of an arrond., in the dep. of Agogna. (Ramspoidi, &c.)
VILLA-REAL, a town of Spain, in Valencia, prov. Castelloa de la Plana, on the Mijarca, here crossed by a fine bridge of 13 arches, within about 4 m. of the sea, and 33 m. N.N.E. Valencia. Pop., according to Mifiano, about 8,000. It originated in a country palace of James I., king of Aragon. It has one regular and well-built street; several religious edifices, a prison, a large suburb, and some silk and woollen manufactures, distilleries, &c. It was formerly fortified, and in the War of the Succession was garrisoned for the archdute Charles; but, having been taken by the troops of Philip V., in 1708, its defensive works and most of its buildings were destroyed, and great part of its linhabs. put to the sword.

The town of the same name in Portugal, prov. Trasce-Montes, cap. Comarca, is said by Mifiano to have 4,100 inhabs. (Dicc. d'Esp., &c., Mod. Tras.)

VILLA-RICA, a town of Brasil, cap. of the prov. Minas-Gerae, on the Ouro-preto, by which it is intersected, and which is here crossed by four stone bridges, 190 m. N.N.W. Rio Janeiro; lat. 200 23 20° S., long. 43° 19° 32° W. Pop. uncertain, fluctuating with the state of the mines; in the early part of the present century it was estimated at 20,000, principally whites, but in now, probably, a good deal less. It occupies an elevated site, but it has no very striking approach; nor, on a nearer view, does it present to the eye of a traveller any object corresponding with the grandeur of its name. It is situated on the declivity of a high mountain, forming part of an immense chain. Most of the streets range in parallel rows along the side of the mountain, being crossed by others leading up the acclivity. These have numerous public fountains, and the town generally is admirably supplied with water, which is conveniently conducted into almost every house. (Masse's Brazii, p. 238, &c. surrouaded by a sort of parapet, on which a few brass savivels are mounted. Several of the churches, &c. are richly ornamented. The mint is in the lower part of the churches, te. are richly ornamented. The mint is in the lower part of the chuwa, attached to the treasury and custom-house. The climate of Villa Rica, owing to its elevated situation, is very agreeable; the usual range of the thermometer is from 64° to 80° Fah. in summer, and from 48° to 70° in winter. Thunder-storma, though common, are not violent. The gardens here, which extend in raised terraces along the side of the mountain, produce excellent kitchen vegetables; but beyond these, the vicinity of the town notwithstanding its fertility, is wholly uncultivated, and the cattle and other stock are allowed to pasture at random. The markets are accordingly ill supplied; and when Mawe visited the country, most sorts of provisions and vegetables brought a very high price. The inhabs, in fact, are chiefly interested he mining speculations; Villa Rica being, or, at all events, having been, the headquarters of the gold-mining district of Brazil. The metal, found in the mountain on which the town is built, is imbedded in a matrix of slaty clay schist resting on granite, precious stones, cotton, hides, marmalade, cheese, &c. are sent to Rio, where they are exchanged for slaves, manufactured roads wince haves. precious stones, cotton, hides, marmalade, cheese, &c. are sent to Rio, where they are exchanged for slaves, manufactured goods, wines, hams, &c. Owing, however, to the failing off in the productiveness of the mines, this trade is now much less considerable than formerly. The goldsmith trade is prohibited in Villa Rica; but almost all other handkerates are carried on. There are also manufactures of gunpowder, hats, pottery, &c. The inhabs, generally depend on mining; and in consequence of the uncertain, hazardous nature of their employment, which has greatly declined, they are very generally idle, poor, and dissolute. (Mod. Trev. xxix.; Masse's Brasil; Dict. Geos.. &c.

and dissolute. (Mos. TYSS. XXIX.; SMOVE OF COS., &r.)

VILLEFRANCHE, a town of France, dep. Aveyron, cap. arrond. on the Aveyron, 36 m. W. Rhodes. Pop. in 1846, inc. com., 9,406. It is well built: four parallel thoroughthres_divide the town into nine parts, besides which it has several suburbs interspersed with plantations. The old collegiate church, and the hospital, formerly a conventual building, are remarkable specimens of Gothic architecture. The public establishments comprise a college, a public library, museum, and club, or subscription rooms. The principal manufactures consist of linens and copper wares; it has, also, a considerable trade in

corn, cattle, and other rural produce, and 12 annual fairs.

Another town of the same name is the cap. of an ar-Another town of the same same is the cap. of an arroud, in the dep. of the Rhoue, on the Saone, 17 m. N.N.W. Lyons. Pop. in 1836, 7,553. It consists chiefly of one very long and wide street, is well built, and has agreeable environs. Its manufactures consist principally of linen fabrics, cotton, thread, and leather, in which articles, with the addition of wine, cattle, hemp, flax, hempen cloths, &c., it has a brisk trade with other towns in the S. of France. Near it are some lead-mines, which were wrought under the Romans. (Hugo, &c.)
VILLENA (an. Turbula, or Arbacula), a town of

were wrought under the Romans. (Hago, 3c.) VILLENA (an. Twibals, or Arbacusla), a town of Spain, prov. Murcia, cap. distr., in a fine plain, 32 m. N.W. Alleante. Pop. about 19,000. Inglis says, "It has its rock, castle, and huerta, and is a place of some size, with several convents and churches. The time is extensively grown upon the lower accivities of the neighbouring sierra, and is almost all converted into brandy. bouring sterra, and is almost all converted into brandy. The pop. of this town appeared to me to present a singularly disreputable appearance; beggarly, idle, ragged, and rutian-like." (Spain in 1820, ii. 289.) Villena gives title to a marquis, whose palace, a town-hall, 2 churches, many chapels and convents, an hospital, and some barracks are its principal editions. It has some soap factories; and in the neighbouring marshes a good deal of salt

rackt are its principal edifices. It has some soap factories; and in the neighbouring marshes a good deal of salt is made. (Mrano. &c.)

VINCENNES, a town of France, dép. Seine, cap. cant. on the ruad to Coulommiers, within a short distance of Paris. Pop., in 1846, 3,773. Vincennes owes its origin to Philip Augustus, who surrounded the wood of its name with walls, and built at one of its extremities a royal residence, on the site of which, in 1339, the present castidence, on the site of which, in 1339, the present castidence, on the french kings till the time of Louis XI., when it was made a state prison, a destination which it retained, with little intermission, till 1784; the great Condé, Diderot, and Mirabeau, having been among the number of those confined within its walls. Under Napoleon it again served the same purpose, and here, on the 21st of March, 1804, the Duke d'Enghien was shot. The caste of Vincennes is of an oblong form, about 360 yards in length by 210 in breadth, surrounded by dry ditches, and entered by two drawbridges. The keep is a square tower, five stories in height, with four turrets, and a balcony outside the fourth story. The chapel, founded by Charles V., in 1379, but mostly rebuilt under his successors, is a rich Gothic edifice, with some fine stained glass. The cour royale is surrounded by modern buildings, in which are some well furnished apartments, and a large collection of arms. In the fosse, a plain column of red granite, on a foot of black marble, and bearing

cessors, is a rich Gothic edifice, with some fine stained glass. The coew royale is surrounded by modern buildings, in which are some well furnished apartments, and a large collection of arms. In the fosse, a plain column of red granite, on a foot of black marble, and bearing the inscription, "Hic cecidit," points out the spot where the Duke of Englishen met his late. The wood of Vincennes, comprising about 1,500 acres, is, with the town, a good deal resorted to by the Parisians on holidays, particularly the fits patronale, on the 18th of August. (Guide dis Vongour on Frence; Huge; &c.)

VINCENT (ST.), one of the W. India islands, belonging to Great Britain, in the centre of the Windward group, about lat. 13° 10' N., and long, 60° 37' W., 21 m. S. S.W. St. Lucia, and 108 m. W. Barbadoes. It is of an elliptical shape, 17 m. In length, and from 7 to 8 m. is mean breadth. Area, about 85,000 acres, Pop., by last census, 27,583; of whom 28,000 were blacks. The centre of the island is occupied by a lofty range of mountains, which in some parts attain the height of 4,000 ft.; but the mountains decline rapidly towards the sea; and there are some considerable and well-watered valleys, the soil of which, consisting of a fine black mould of sand and clay, is especially adapted for the culture of sugar. In the upper grounds the soil is light and sandy, St. Vincent is of volcanic origin, and a tremendous eruption of one of its mountains, in 1812, occasioned great mischlef. The mountains are clothed from their base to their summits with immense forest trees; but the ground having every where the advantage of a gradual slope, and there being little jungle or brush-wood, ventilation is not impeded. The valleys also are sufficiently wide, and free from excessive vegitation, to give a healthy character even to the uncultivated portion of the lialand; and there is little swampy ground, except in a few places near the sea. Only about one-third part of its surface is under cultivation. The atmosphere is generally humid, and the dew

An Account of the principal Articles of Produce imported into the U. Kingdom from St. Vincent during each of the Three Years ending with 1849.

Articles.		1847.	1848.	1849.	
Sugar Molasses Rum Coffee Cocos	:	cwts. ewts. galls. ibs. ibs.	175,615 30,864 264,828 135 73,187	144,116 15,965 127,724 48 11,935	163,176 87,392 194,947 5,959

The government is vested in a governor, a council of 12, and an assembly of 19 mems. Representatives of the 12, and an assembly of 19 mems. Representatives of the House of Assembly must have an income of 300. a year, if representing the town of Kingston, a house in that town of the yearly value of 100. Electors must possess a freehold of 10 acres, worth 200. a year in Kingston, or 10. a year elsewhere. St. Vincent, with its dependency, the Grenadines, is divided into 6 pars. Kingston, the cap, lies at the bottom of a bay, near the S. W. extremity of the Island, with an amphitheatre of wooded hills in its rear. The troops, amounting to nearly 900 men, are principally quartered at Fort Charlotte, on a very steep hill, about 14 m. N.W. the town, and 600 ft. above the level of the sea.

level of the sea.

St. Vincent was discovered by Columbus, but was inhabited only by Caribs till the latter part of the 17th century, when a slave ship from Guinea having run ashore on the island the blacks mostly escaped, and settling here became in the sequel the most formidable enemies of the Caribs. It subsequently fell into the hands of the French, who ceded it to the English in 1763. In 1779, it was re-captured by the French; but it reverted, in 1783, to Great Britain. The sum awarded, in 1835, for the manumission of the slaves in St. Vincent amounted to 592,693. (Edwards's West Indics; Tailock's Rep. on the Health of the Troops in the W. Mides; Parl. Papers, &c.)

VINCENT (CAPE ST.), the Sacrum Promontorium of the ancients, a promontory forming the S.W. extre-

Tellock's Rep. on the Health of the Troops in the W. Indies; Parl. Papers, &c.)

VINCENT (CAPE ST.), the Sacrum Promontorisms of the ancients, a promontory forming the S.W. extremity of Portugal, prov. Algarve, 110 m. S. Lisbon, lat. 370 2' Me' N., long. 80 59' 36" W. This cape is celebrated in naval history for the great victory gained in tis vicinity on the 14th of February, 1797, by the British fleet under Sir John Jervis, over a Spanish fleet. The British fleet comprised only 15, whereas that of the Spanisards amounted to 27 sail of the line. But not-withstanding this disparity, the latter were completely deseated, with the loss of two ships of 112, one of 84, and one of 74 guns. The victorious admiral, in acknowledgment of his galiantry and success, was elevated to the peerage by the title of Earl St. Vincent.

VIRE, a town of France, dép. Calvados, cap. arrond aear the source of the river of its own name, 35 m S.W. Caen. Pop. in 1846, inc. comm., 7,315. It is well-built, principally on the declivity of a hill, on the summit of which is the Foundling Asylum, and at the base the general hospital; on the ascent, among other buildings, are the court-house, sub-prefecture, town-hall, and new prison, with a handsome square. In the middle ages, Vire had a castle, of which some remains still exist; but the greater part of its ste is occupied by the town-hall and a planted promonade. The principal church is a fine Gothic building. A great deal of activity prevails in Vire, which has manufactures of coarse and fine woollens, woollen yarn, paper of all kinds, needles, and other steel articles, horn articles, &c., with tanneries and fulling mills. It has tribunals of primary jurisdiction, and commerce, a chamber of manufactures, council of prud'-hommec, communal college, and public library. Duhamed, and some other emilient personages, were natives of Vire. (Hugo, art. Calvados; Dict. Ency.)

VIRGINIA, one other states comprised in the republic of U. States, being the most extensive in the Union, on the Atlantic, betw

1,400,000, of whom 460,000 were slaves. The Alleghany, Blue, and other mountains traverse this state from N. to S. in several parallel ranges, forming its centre into a table land, which in some parts rises to nearly 6,000 feet in height. The western portion of the state is also very mountainous. "The extreme western part is, indeed, composed of a congeries of bills with alluvial bottoms; but the settled mountain ridges encreach is near Objective to the state in the state of the state of the state in the state of the st but the actual mountain ridges encroach so near Ohio river, and the hills are in themselves so generally abrupt and lofty as to give an alpine appearance to the country."

'Darby's U. States, 616.)

The rivers may be divided into those that flow into the

Attantic, and those that join the Ohio. The Potomac rises in lat. 390 127 N.; it flows at first N.E. to about lat. 390 50 N., and thence in a S.E. direction into Chesapeake bay, which it enters 70 m., in a direct lime, below Washington, after a course of about 360 m. It receives its principal affluent, the Shenandosh, from the S.W., at its principal affluent, the Shenandosh, from the S.W., at the celebrated mountain-pass of Harper's Ferry, where it breaks through the Blue Mountains, amid some of the grandest scenery of the U. States. The Potomac is na-vigable for ships of any burthen to Alexandria, upwards of 100 m. from its mouth, being the most distant point from the ocean to which ships of war can be navigated in the interior of the Union. James, river, on which the cap. of Virginia is built, rises in and flows through the

centre of this state to Chesapeake bay, being navigable for vessels of 140 tons to Richmond, 100 m. from its mouth. Over one of its affuents, about 25 m. N.W. Lynchburg, is a stupendous natural bridge, 90 feet in length, across a chasm above 200 feet in depth. Mr. Jef-Lynchours, is a superdous insurat orange, so seek in singth, across a chasm above 300 feet in depth. Mr. Jefferson says, that it is impossible for the emotions arising from the sublime to be felt more intensely than by this spectacle, looking from the bottom of the chasm. "So beautiful an arch, so elevated, so light, and springing as it were, up to heaven it must be seen to be described." (Notes, 36.) The Roanoke lies partly within the state; the Rappahamoc, York, and Nottaway, are the other principal streams on the Atlantic side. The chief affluent of the Ohio is the Great Kenhawah, which rises in N. Carolina, joins the Ohio at Point Pleasant in Virginia, and is navigable to Charleston, 60 m. from its mouth. Darby says, that "Virginia, next to Georgia and Illinois, has the greatest range of lat. of any of the U. States, and it may be doubted if it do not exceed even Georgia in extremes of temporature. The counties on the Chesapaake are much warmer than those in the interior, as is strongly manifested in their vegetation."

the Cheapsake are much warmer than those in the in-terior, as is strongly manifested in their vegetation."

As regards surface and soil, Virginia may be divided into 4 sections. The E., or sea-board section, extend-ing about 100 m. inland, or to the head of the tise waters, is generally low and level, but sandy and unpro-ductive, parts of it being mere swamps, and exhibiting almost as desolate an appearance as the pine barrens of New Jersey. The second section, which includes the country between the latter and the Blue Mountains, is, perhans, the most productive: the alluvial lands allows country between the latter and the Blue Mountains, is, perhaps, the most productive; the alluvial lands along the rivers in this part of the state are, for the most part, very fine; those of James' river especially being remarkable for their fertility. The third section includes the valley between the Blue ridge and the Alleghamy Mountains, and, though in parts broken by moomatims, has a great deal of fine fertile land. The fourth section includes the country between the Alleghamy chain and the Ohlo; this portion is in general wild and broken, and is in great part covered by primzeral forests. But it also contains large tracts of fine land, with vast deposits of coal, fronstone, sait, &c. of coal, fronstone, salt, &c.
The whest of Virginia is inferior, but maize,

The wheat of Virginia is Inferior, but maize, cocton, tobacco, and numerous fruits attain to perfection. In 1848, the official returns state, that upwards of 28 million bushels maize were reaped in this state, being more than was produced in any of the Eastern States of the Union: during the same year, there were also reaped 12,250,000 bushels wheat, and 11,000,000 bushels onts. Tobacco is, however, the principal crop in the R. part of the state, where, in 1848, the produce is stated to have been 45,000,000 lbs.; but latterly this crop has been rapidly declining.

been 45,000,000 lbs.; but latterly this crop has been rapidly declining.

Jefferson, in his Notes on Virginia, one of the ablect works of its class that has ever been published, speaks in very disparaging terms of the culture of tobacco. He says "that it is suitable only for the very finest lands, which it rapidly impoverishes," that it "is productive of infinite wretchedness," and that the individuals engaged in it "are in a continued state of exertion, beyond the powers of nature to support." (Notes, &c., p. 278. ed. Lond. 1787.) Probably this statement may be a little overcharged, but there can be no doubt of its being substantially accurate; and, in fact, the culture of tobacco in this state has, for a lengthened period, been retrograding. trograding.

The culture of cotton is carried on to some, though

The culture or cotton is carried on to some, though to no great, extent; the quantity produced in 1848 being stated at only 2,800,000 lbs.; some wine is made; and small quantitles of sugar are obtained, partly from the cane, and partly from the maple. (Official Returns for 1848.) Agriculture in most parts of the state is in a very depressed and backward state; and the crops are very inferior, compared to what they might be under a very inferior, compared to what they might be under a different system. Land that has been cleared is usually cropped without intermission or manure, till it is exhausted, when it is left to recover itself. Elsewhere the three shift system frequently prevails, by which a crop of maize in one year is succeeded by one of wheat, rye, or oats in the next; and this not by a fallow, but by a year of rest, during which weeds and other horbage, the spontaneous produce of the soil, afford a scanty subsistence to a few half-fied cattle. In parts of the country, however, and especially on the Potomac, some improvements have been made in agriculture; and W. of the mountains along the Oho are some well irri-W. of the mountains along the Ohio are some well irriw. of the mountains along the Unio are some well irri-gated meadows. In 1840, the stock of cattle was esti-mated at about a million head, and of sheep at 1,380,000: the produce of wool was about 2,666,000 lbs., a quantity inferior only to that produced in New York. The mineral riches of Virginia are of first-rate importance. Coal is very widely diffused; the bituminous on the W., Coal is very wholey distused; the bituminous on the w., and the semi-bituminous and anthractic on the E. side of the mountains. The beds of coal are in many places from 30 to 60 ft. thick, and alternate sometimes with dense beds of iron ore. The coal in the Richmond basin is rather extensively wrought, and the works

viral New Carron furnish considerable quantities of iron. Gypaum, magnesia, alum, and petroleum, are among the mineral products; and from 1829 to 1840 gold to the value of 578,595 dollars was sent to the mint of the U. States. The region, including Spotsylvania and some other counties, where the gold is found, abounds in quartz, containing cubes of sulphuret of iron, often partly or totally decomposed, the cells of which are sometimes filled with gold. The latter is found also on the surface, especially of slate, and in its fissures. The metal is obtained by filtration, or washing the earth, and by an smalgam of quicksliver. On the whole, however, the search after gold here, as in most other parts of the U. States, has not been very productive, and it is doubtful whether it will ever be of any importance. There are numerous salt, and other mineral, springs; those on the Kenhawah furnishing a very large supply of salt.

The manufactures of Virginia are unimportant; but Richmond and Lynchburg are commercial towns of some eminence. The value of the imports from foreign states during the year ending the 30th June, 1849, amounted 0241,935 dolla, and that of the exports during the same year to 3,73,733 do. The board of public works in this state had, in 1835, a fund of 3,223,000 dolla,, and has effected some valuable internal improvements. The Potomac is connected with the Reanoke by railways through Fredericksburg, Richmond, and Fetersburg, forming a line 157 m. in length; and another line is intended, and is probably in progress, to connect Lynchburg with the Tennessee line across to connect Lynchburg with the Tennessee line across

extends from Richmond to the Chesterfield coal mines; and another line is intended, and is probably in progress, to connect Lynchburg with the Tennessee line across the Alleghany mountains. Several canals are completed; the principal being the James' river and Kenhawah canal, 175 m. in length.

The present form of government, adopted in 1830, vests the legislative authority in a General Assembly, consisting of a Senate of 33 mems, chosen every 4 years, and a House of Delegates of 134 mems, elected annually. The Governor and Council of State are chosen every 3 years. The right of suffrage is exercised by every white male citizen of full age possessing freshold property to the value of 25 doils., or having a reversionary title to land of the value of 50 doils, and who has been a householder for 12 months previously to the election.

white male citizen of full age possessing freehold property to the value of 25 dolls., or having a reversionary
title to land of the value of 50 dolls., and who has been a
householder for 12 months previously to the election.
The General Assembly meets annually at Richmond in
December. The State sends is representatives to Congress. Virginia is divided into 119 cos. and 10 judicial
districts: Richmond on James' river is the cap. and seat
of gov.; Williamsburg, Fredericksburg, Charlottesville,
Lynchburg, and Lexington, are the other principal
towns. Courts of appeal sit once a year at Lewisburg for
W., and at Richmond for B., Virginia, and a circuit Superior Court of Law and Chancery is held twice a year in
each co. and corporation. The state militia, in 1850, comprised 124,202 men. The public revenue in 1849 amounted
to 1,315,440 dolls, and the expenditure to nearly as much;
total public debt in the same year 15,909,981 dolls.
Virginia has several colleges and other seminaries. The
total public debt in the same year 15,909,981 dolls.
Virginia has several colleges and other seminaries. The
olders institution of the kind in the Union. The
Washington college at Lexington, founded in 1812, was
at the same period attended by 81 students. There are
Mashington college at Lexington, founded in 1812, was
at the same period attended by 81 students. There are
many other superior schools and academies, and, in 1849,
there were in the state 2,394 common schools attended,
beaties others, by 26,472 poor children. An historical
and philosophical society was formed in 1832. Baptists
and Methodists are the prevailing religious sects, next
to whom Presbyterians are the most numerous; there
are but few R. Catholics, Friends, Unitarians, and Jews.
Nearly the whole of the Baptist association consists
either of coloured persons or slaves.
The importance of
Virginia has, in consequence of the rapid growth of other
states, declined rapidly since the Revolution. The principal towns are Richmond, the capital, with, in 1840, a
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American Almanac for 1850; Encyclopedia Americana, &c.)
Virginia was the seat of the earliest colony planted by the English in the States' territory, a part of it having been settled in 1607. Its name, given in honour of Queen Elizabeth, was originally applied to the whole E. coast of N. America. The first legislature of Virginia met in 1619. Notwithstanding serious disputes with the Stuarts. Virginia supported the royal cause in the civil wars; and Charles II. was proclaimed here before the news of his restoration had arrived from England. Among the distinguished natives of Virginia is the immortal Washington, the father of American independence, born in Westmoreland co., on the 11th of February, 1732. It is also the native country of Jefferson, the father of American independence, or in Westmoreland co., on the 11th of February, 1732. It is also the native country of Jefferson, the author of the "Declaration of Independence," and of the "Notes on Virginia," and president of the Union.

VITRE.

VISTULA (Germ. Weicksel), one of the great rivers of central Europe, flowing from S. to N. through Poland. The basin of the Vistual is situated between those of the Elbe to the W., the Niemen and Dniestr to the N.E. and N., and the Dnieptr to the S.E. It rises in Moravia, in a branch of the Carpathians, close on the frontier of Galicia, and about 20 m. S.E. Teschen; and at a short distance from its source is precipitated over a full 180 ft. In height. It proceeds at first N. for about 40 m., and then turns to the E., separating Silesia, the territory of Cracow, and the kingdom of Poland on the N., from Galicia on the S. Shortly after passing Sandomir it again flows northward, which course it retains through the centre of Poland to beyond Warsaw. It now turns W.N.W., and pursues generally the same direction to the influx of the Bras. 20 m. from Thorn; after which its course varies little from N.N.E. to its mouth in the Balitic. Its entire length is estimated at 550 m. It receives a vast number of tributaries, the principal of which are the Nida, Kamlena, Pilica, and Bras, from the W.; and the San, Wieprs, and Bug *, with its tributaries, from the E. At Cracow it is only about 180 ft. in width; at Warsaw it is crossed by a bridge of boats 1,600 ft. in length. After receiving the Bug, a stream nearly equal in size to itself, at Modlin, it proceeds generally m a very wide channel past Flock, Thorn, Culm, and Marienwerder, about 15 m. below which last, and about 30 m. from the Balite, it divides into two great arms, the most easterly of which, called the Negat, flows past Marienburg and Elbing into the Frische Haff. The Warm, or main stream, subdivides again at about 16 m. from the sea, the E. branch falling into the vorset arms, the most easterly of which, called the Negat, flows past Marienburg and Elbing into the Frische Haff. The Warm, or main stream, subdivides again at about 6 m. from the sea, the E. branch falling into the vorset had the Prussian gov. had contemplated effecting by artificial means. Th

Pop. stated by Hampoldi to be little short of 15,000. It is well built, with volcanic tufa, and well paved, having a large and handsome equare, 16 par. churches, and numerous noble residences, and public fountains. Woods asys it is a curious looking city, with an abundance of carerns in the perpendicular faces of the rocks, bordering a little valley passing through it. The cathedral has a range of columns on each side, with grotesque capitals supporting semicircular arches. The Trinita is a handsome modern church, in the form of a Latin cross, with a dome in the centre. The church of St. Francis is a large building; the transept has pointed vaulting, and there are 2 fine archivarys of the pointed style, leading into chapels, and some Gothic tombs. It boasts also a painting by Sebastian del Piombo, from designs by Michael Angelo. (Letters of an Architect, i. 323.) The pontifical pelace is a fine building. Viterbo is the seat of a cardinal delegate, and a court of primary jurisdiction. It has no manufactures worthy of notice; though alum, vitriol, sulphur, and other volcanic products are obtained in its neighbourhood, which abounds with mineral springs.

viterbo is supposed to occupy the site of the Fanum Voltamme, the place where the general assembly of the Etruscan nations was held on solemn occasions. the Extusion nations was neid on solemn occasions. The modern town was encircled with turreted walls by Desiderius, the last king of the Lombards. It has been the residence of numerous popes, several of whom are buried in its churches. In its vicinity are many villas belonging to some of the more opulent Roman families. (Rampoldi; Woods; Cramer's Anc.

Italy.)
VITRE, a town of France, dep. Vilaine, cap. arrend., on the Vilaine, 23 m. W. Rennes. Pop., in 1846, inc. comm. 8,237. It is enclosed by walls of Gothic character and flanked by round towers. Vitré is ill built, dirty,

⁴ This river must not be confounded with the S. Bug (an. Hypauls), respecting which see Buo in this Dict., I. 484.

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sriste, and destitute of any public promenade; though the environs are agreeable, and in the vicinity are two parks open to the public. About 1 m. S. from the town in the Chatcau des Rochers, the seat of Madame de Sévigné, the most accomplished of letter writers, who some-times also occupied a house in the town. Near the town the most accomplished of letter writers, who como-times also occupied a house in the town. Near the town are also the ruins of the castle, formerly belonging to the Dukes de la Trimousile. The peasantry of the neighbourhood wear winter closks of goat-skins, which, with cotton housery, sail cloth, fiannels, leather, and barrels are among the principal articles manufactured in Vitré. Wax, honey, and cantharides are here consi-derable articles of trade, and the town has no fewer than 22 annual fairs. Savary, the traveller, was a native of Vitré, where he first saw the light in 1750. (Huge, art. Ille-ct Velaine.)

23 annual fairs. Savary, the traveller, was a native of Vitré, where he first saw the light in 1720. (Huge, art. Ille-et Velaine.)

VITRY-LE-FRANCOIS, a town of France, dép. Marne, cap. arrond., on the Marne. 20 ss. S.S.E. Chalons. Pop., in 1846, inc. comm. 7,412. Is square shaped, and is inclosed by earth ramparts, and bastions, outside which is a deep most. It is tolerably well laid out; and though most of its houses are old and unprepossessing, it has a good many new buildings erected since the peace. Its church, an edifice in the Corinthian and Composite styles, was the earliest of any consequence built after the restoration of the arts, in the time of Francis I. under whom this town was founded. Vitry has a good public hail and theatre and agreeable public walks, with some manufactures of cotton yara and hosiory, hats, leather, &c. (Hugo; Dict. Géog.; 3c.)

VITTORIA (Span. Vitories), a town of Spain in Biscay, cap. prov., on the high road between Burgos and Bayonne, 60 m. N.W. the former. Pop. estimated by Mifiano at 12,000. It consists of an old and a new bown, very different in appearance; the latter being clean and handsome, while the former is quite the contrary. The Plazas Nucca, a square, which, according to logifs, is little inferior to the Place Vendome in Paris, has arcades at its sides, under which are very good shops: the 8. side is occupied by the town hall, and the area serves for a market place. The hall of the Biscayan Society, orphan asylum, and general hospital are among the principal edifices. Vittoria has a collegiate and four par. churches, six conventual establishments, a school of design, public library, calinest of coins and Roman antiquities, post-house, &c. Its manufactures comprise chairs and cabinet farniture, copper utensils, earthern ware, cuttery, limens, &c., and being one of the principal entrepôts for the trade between Navarre and Old Castile, and the ports of St. Sebastian and Bilbso, it has a considerable traffic in iron, wool, woollen and silk fabrics, articles of clothi 580.)

VIZAGAPATAM, a sea-port town of British India, presid. Madras, coast of Coromandel, cap. of a district of same name, in the N. Circars, at the mouth of a small river, lat 170 42' 30' N., long, 380' 24' E. It is not a place of any strength, its only defensive works being a thick wall inclosing the Zillah court house, hospital, other European buildings, and a bazar in the centre of the town. The barracks and other public edifices are outside this wall. A good many well-built houses stretch along the shore; but the great insalubrity of the town has driven most of the former European residents to Waitier, a village at some little distance. (Hamilton's E. I. Gazetter.)

has driven most of the bullets states. (Hamilton's E. I. Gazetter.)

VLADIMIR, a government of European Russis, between the 55th and 57th degs. of N. lat., and the 38th and 43d of E. long., having N. Jaroslavi and Kostroma, E. Nijni Novgorod, W. Tver, and S. Moscow, Risisan, and Tambof. Area estimated at 17,600 sq. m. Pop. In 1846, 1,346,500. Surface almost a level plain, watered by numerous rivers, the principal being the Oka in the E., the Wolga in the W., and the Klisama, a tributary of the Oka, in the centre; all of which have, more or less, a N.E. course. The soil is not generally fertile, and a large part of the government is covered with forests, marshes, pools, and heaths. Rye, barley, cats, summer and winter wheat, milket, pease, hemp, and flax are grown; but the crops of corn are insufficient for the consumption. The gardens and orchards are pretty numerous and well attended to; and Vladimir is famous for its cherries and apples. A good many cucumbers and some hops are raised. Cattle rearing is a secondary business, and is far behind. The forests are of vast extent, those belonging to the crown alone covering about one ninth part of the entire surface. Extensive and value.

able beds of iron ore have been found in the forest of Mourom; and at Vixa, on the Oka, are some of the most extensive iron-works in Russia. (Lyall's Russia, 5, 221—322.) The poverty of the sell, and other concurring the include the attention of the include. extensive fron-works in Russia. (Lyssil's Russiss, 5. 221—323.) The poverty of the soil, and other councurring circumstances, bave turned the attention of the sobashatowards manufactures, which appear to have succeeded better in this than in most other Russian governments. In 1830, the manufacturing establishments in the government employed 48,176 workmen. The cotton massenfacture, which is by far the most extensive, is primetipally carried on at Choula and Ivanora, where it employed, in 1838, 18,612 looms, and 24,357 work-people. It would seem, however, that this and other branches of Industry have rapidly increased in the interval; for the official setums show that, in 1839, 315 factories afforded employment to 83,655 work-people, being little short of docable the number employed in the government in 1830 I The manufacture of woulden and linen is of less importance; but about 4,000 hands are employed in from foundries; and about 1,300 in glass and crystal works, exclusive of those employed in the production of lensher, earthenware, &c. The various products of the government are sent down the Kliazma and Oka, or else to Moscow, by means of land carriage. Corn, cotton-twist, and flax from the neighbouring governments of Kostroma, Jaroslavi, and Nijai Novgorod, are the chief articles of import. Vladimir is divided into 13 districts; chief towns, Vladimir is divided into 13 districts; chief towns, Vladimir, the cap, Choula, and Mourrom. Total public rerenue about 4,000,000 roubles.

VLADIMIR, a town of Buropean Russia, cap, of the above government, care the Kliazma and on one of its

partiy to the proximity of Moscow. Being, however, on the great road to the fairs of Nijin Nowpowel and Irbit, and on the grand line of communication between Russia and Siberia, it often presents a busy and cheerful aspect. Some of ki inhabs, are occupied in making lisen cloths and leather; and many others in the cultivation of fruit, particularly cherries, which are grown in great quantities in the neighbourhood. The zera of its foundation is uncertain; some authors place it in the 10th, and others is the 18th century. Vladimir was, however, the cap. of the Grand Duchy of Russia from 1157 till 1258, when that distinction was transferred to Moscow. (Lyell's Tras. in Russis; Poesart; Schwitzler, &c.)

VOGHERA, a town of N. Italy, Sardinian som, div. Alessandria, cnp. prov., on the Staffora, If m. E. by N. Alessandria, cnp. prov., on the Staffora, If m. E. by N. Alessandria, Pop., in 1838, 10,706. It is well boild, is surrounded by walls, has a good market place, a magnificent collegiste church, a Jesuits' college, several monasteries, large barracks, and a good hospital. R is the residence of a governor, and the seat of a provincial court of justice; it has an active trade in corn, wise, and silk. (Rampotdi, &c.)

VOLCANO. See Lipari Islames.

VOLHYNIA, a gov. of European Russia, formerly comprised in the kingd. of Poland; principally between the 50th and 59d degs. of N. lat., and the 94th and 59th of E. long., having N.W. and N. the govs. of Grodoo, and Minsk, R. and S. E. Kief, S. Podolia, S. W. Austrian Poland, and W. the palatinate of Lublin. Area estimated at 27,500 eq. m. Pop., in 1846, 1,445,500. It is in general an undulating plain; and the hills, which are the last ramifications of the Carpathians, though they no where rise to 300 ft. above the soa, give an agreeable variety to the scenery. The Bug rises in this prov.: the other principal rivers are the Styr, Geryne, &c., tributaries of the Pripets. Along some of these are extensive marshes and beds of furf; but in gueral the land is very fertile, produ

bogs, and poultry are kept. Volkynia has a breed of horses smaller than the generality of those of Poland. Fishing is an occupation of some importance; bog-iron, milli-stones, potter's clay, utire, and flint are among the mineral products. Though agriculture is the chief cocupation of the inhabitants, the manufacturing industry of Volkynia is greater than that of most other parts of Russian Poland. The women, almost everywhere spin and weave different fabrics; and leather, glass, and earthenware, paper, potash, tar, charcoal, &c., are generally masle. The principal exports are, however, corn, cattle, hides, flour, wood, wax, honey, and other rural produce. In 1836, the value of the exports was estimated at about 12,165,00 roubles, and that of the imports at 18,073,000 do. The trade is principally in the hands of the Jews, of whom there are about 40,000 in the gov. The rest of the pop. consists of Russians, with Foles in the towns, and some Great Bussians, gypsies, Tartars, Moldavians, and Germans. The inhabitants are mostly of the Greek, or united church. Volhynia is divided into 12 districts; principal town, Zytonair or Jitomir, the cap. A large annual fair is held at Raster at Berditchef. Public education appears to be less backward in this than in most of the Russian governments; and in 1632, besides the government printing-press, there were 6 others, and a lithographic press. Volhynia, like Podolia, is subordinate to the military governor of Kief, but is one of the Polish provinces, which preserves, in some degree, its ancient constitution and laws. (Schnitzler, La Russie; Postart, Das Kaiterth; Russland, &c.)

military governor of Kief, but is one of the Polish provinces, which preserves, in some degree, its ancient constitution and laws. (Schnitzler, La Russie; Possart, Das Kaiscrit; Russland, &c.)

VOLOGDA, the largest government of European Russia, after that of Archangel, between the 58th and 60th of E. long., having N. Archangel, W. Olonetz and Novgorod, S. Jaroslavi, Kostroma, and Viatta, and E. the Ouralian Mountains, separating it from Tobolsk. Area estimated at upwards of 147,000 sq. un. Pop. in 1846, 822,200. Except in the E., where it is covered with the Ouralian mountain, the surface generally is an undulating plain, comprised in the basin of the N. Dwina, which is its largest river. The general slope is accordingly to the N.W. In the S. and S.W. the soil is fertile, but elsewhere it is covered with marshes and forests of pine, birch, oak, i &c. Thought the climate varies with the situation, it is, speaking generally, very severe: it is far, however, from being unhealthy, and instances of longevity are frequent. The grains principally cultivated are rye and barley; but the produce of corn is insufficient for the consumption. Hemp, flax, and hops succeed, as do beans and peas. Cattle and horses are numerous and good but a large part of the government being unoccupied and in a state of nature, the chase necessarily occupies much attention. The forests, which are its principal source of wealth, are of great extent, those of the crown only covering 29,586,000 deciatines of land. Granite, marble, salt, flints, copper, and iron are all obtained in Vologda. In 1834, there were 114 manufacturing establishments, principally for woollen and lines fibrics, soap, leather, potash, glass wares, and paper. Distillation is also very extensively carried on. Furs, tallow, pitch, wooden articles, masts and timber, turpentine, and other raw products are the great articles of export; being sent, for the most part, into the governments of Archangel and Tobolsk. The pop. is principally Russian, bit in the N. are some wandering

churches; a very tolerable inn, a large and fine town-hall, a theatre, a Piarist college, and a seminary. Its inhabs are principally agriculturists, but a few of them are sugged in the manufacture of earthenware vases and

are engaged in the manufacture of earthenware vases and plaster figures.

Even if we had not the express authority of Dion, Halicarnassus, (iii. 51.), for assigning to Volterra a place among the 13 principal cities of ancient Etruria, the extent of its remains, its massive walls, vast sepulchral chambers, and numerous objects of Etruscan art, would alone suffice to show its antique splendour and importance, and claim for it that rank. Its walls were formed, as may yet be seen, of buge massive stones piled on each other without cement; and their circuit, which is still distinctly marked, embraced a circumference of between 3 and 4 m. (Cramer's Anc. Italy, 1, 185.) Two of its original gates are still in existence: one, called the Gazo of Hercules, consisting of 2 arches, is in a very perfect state, and the other leads to an ancient Etruscan burial ground, in which are some remarkable tombs. Under state, and the other leads to an ancient Etruscan burial ground, in which are some remarkable tombs. Under the Romans it was a colony and a municipium, and the walls of the modern town, 2 m. in circuit, are said to have been built by the emperor Otho, and are still in good preservation. There are several other Roman artiquities, including a piscina and what are called the baths of Otho. Volterra has also a public museum, containing numerous remains of antiquity discovered in the neighbourhood. Persius, the satirist, is generally supposed to have been a native of Volterra, where he is add to have been born A.D. 34. (Rampoldi; Cramer's Anc. Italy, &c.)

posed to have been a native of Volterra, where he is said to have been born a.b. 31. (Rampold; Crame's Anc. Ind., &c.)

VOHONEJE, or WORONETZ, a gov. of European Russin, between lat. 48º 40' and 35º N., and 35º and 45º E. long; having N. the govs. Riazan and Tambof; E. Saratos sais the territory of the Don Cossack; S. the latter and the gov. of Euterinosiaf; and W. Kharkoff, Koursk, and Orlof. Area estimated at 25,600 sq. n. Pop., in 1846, 1,637,900. Surface undulating, and soil in general good; this being, in fact, one of the most productive govs. in the empire. Principal rivers, the Don and some of its tributaries. Climate comparatively mild; the rivers being covered with loe for only two or three months of the year, and the gov. producing most of the products of temperate climates. Of 5,876,000 declatines (1 deciat = 27 acres) comprised in the gov., the arable lands have been estimated to include 2,711,800, pasture lands, 2,818,000 do., and forests, 630,755 do. in good years a surplus is raised of about 1,800,000 chetwerts of corn beyond the home consumption. Besides wheat, pease, and beans, popples, tobacco, hemp, and fax are grown; and, in the gardens, meions, cucumbers, onlons, dc., in large quamtities. Water melons, indeed, are cultivated for the markets of Moscow and Petersburg, being planted in open fields covering whole acree of land. Is some parts canes and reeds are used for fuel, but in general the forests furnish a sufficient supply of fire-wood. Oaks are numerous and luxuriant; pine woods are few. In 1832, the cattle in the gov. were estimated at 550,008 head; the steps at energy a million, and 11,600 horses were kept in 33 studs. Honey is an important product. Iron, immestone, and saltpetre are among the minerais. Manufactures of coarse woollens and other fabrics are rapidly increasing, having more than doubled between 183 and 1835. The number of distilleries decreased during the same period; but we are not aware whether the production of spirits has undergone any corresponding de-

wooden articles, masts and timber, turpestine, and other raw products are the great articles of export; being sent, for the most part, into the governments of Archangel and Tobolak. The pop. is principally Russian, but include some Zyrians or Surjans of Finnish stock; and in the N. are some wandering Samoyede tribes. Public instruction, owing to the thinness of the pop., is necessarily very limited; but it has been materially increased of intenders of the pop., is necessarily very limited; but it has been materially increased of the chief towns are Vologda, the cap., and Usting Veilki.

Vologda, a town of European Russia, cap. of the above government, near its 3.W. extremity, 362 m. E. by 5. Petersburg; ist. 89 19 307 N., long. 409 21 197 E. Pop. in 1834 estimated at 14,000. It is built on both sides the river Vologda, and is supposed to be one of the most ancient towns in Russia. Most part of its houses are still of wood, but the buildings in stone are increasing, and several of its churches are of that material. It has two cathedrals, one of which was rebuilt in 1832. The paraset of its churches are of that material. It has two cathedrals, one of which was rebuilt in 1832. The paraset of its churches are of that material. It has two extended has manufactures of some, protacle of the archbishop and governor, the prison, gymnatium, hospital, various asyluma, and an episcopal seminary, are conspicuous edifices. Near the town is a famous convent, founded in 1871.

Vologda has manufactures of sosp, potash, cordage, belis, and tallow candles; for which last it is, famous over all the N. of Russia. It trade is considerable, belis, and tallow candles; for which last it is, famous over all the N. of Russia. It trade is considerable, belis, and tallow candles; for which last it is, famous over all the N. of Russia. It trade is considerable, belis, and tallow candles; for which last it is, famous over all the N. of Russia. It trade is considerable, one of the constant of the principally of the Cecina, 38 m. S.W. Florenc

nary, schools for the children of the clergy, military, civil employés, and citizens, a hospital for 310 sick persons, military orphan asylum, &c. it is one of the most flourishing towns in the S. of Russia; and its merchants carry on a lucrative trade with the Black Sea, Crimea, and Turkey, and travel annually to Tobolsk, to buy furs, which they afterwards take to the great German fairs. The town has also some soap, tallow, leather and woollen cloth factories. It is supposed to be among the oldest Russian towns, and is spoken of as existing in the 12th century. Here Peter the Great built a palace, and establishments were afterwards removed successively to Ustea, Tavrof, and Rostof; and nearly all traces of the palace and magazines have been obliterated by the frequent fires which the town has since suffered. (Schnitzler, La Russie; Possart; Lyall's Trav. in Russia, Ac.)

VOSGES, a dep. of France, reg. N.E., principally-between the 48° and 49° of N. lat., and the 5° and 74° of E. long., having N. the deps. Meurthe and Meuse, the dep. of the Rhine, S. Haute-Saone, and W. Haute-Marne. Area, 585,953 hectares. Pop., in 1846, 27,894. This dep. defives its name from the Vosges (Germ. Wasgas) mountains, a chain which extends parallel with the Rhine, separating the deps. of Haute and Bas-Rhin on the E. from those of Haute-Saone, Vosges, and Meurthe on the W., stretching also into Rhenish Bavarla, and terminating to the N.E. in Mont Tonnerre. These mountains usually rise between 4,000 and 5,000 feet showe the sea, and their summits are covered with snow for most part of the year. They send off a remarkable continuation, the Faucilies mountains, E. and W.

These mountains usually rise between 4,000 and 5,000 feet above the sea, and their summits are covered with snow for most part of the year. They send off a remarkable continuation, the Faucilies mountains, B. and W. through this dep., by the ramifications of which nearly its whole surface is covered. The Moselle, Meuse, Meurthe, Madon, Saone, &c., rise in this dep., all of which, except the Saone, have a N. course. Small lakes are numerous. The arable land, which is said to comprise 244,745 hectares, is not generally fertile; the meadows comprise 76,330 hectares; woods, 129,474 hectares; and heaths, wastes, &c., 36,550 hectares. In a portion of the dep. alled "the plain," to the W. of Epinal, agriculture is said by Hugo to be pretty well advanced. The land is divided into very small properties; so much so, that in 1835, of 148,699 properties subject to the contrib. fonctor. 87,600 were assessed at less than 5 francs, and only 33 at 1,000 francs or upwards. In 1835, the produce of corn, principally oast, wheat, and rye, was estimated at less than 2,000,000 hectolitres, and the potatoe crop was about as much. The rearing of stock is the most important branch of husbandry, and a greater number of cattle are kept in this than in any other of the N.E. deps.; in 1830, they were reckoned at about 140,000 head. Sheep are much less numerous, and the annual produce of wool is a said by Hugo not to exceed 45 000 kiloar. The annual said by Hugo not to exceed 45 000 kiloar. they were reckened at about 140,000 nead. Sneep are much less numerous, and the annual produce of wool is asid by Hugo not to exceed 45,000 kilogr. The annual produce of cheese may be about 20,000 kilogr. The annual produce of cheese may be about 20,000 kilogr. annually sent of wine (of very indifferent quality) about 150,000 hetcolitres; about 120,000 kilogr. of hops are annually sent to Paris. Cherries are grown in large quantities, and the to raris. Cherries are grown in large quantities, and the dep. is famous for its kirscheavaster. A good many hogs are fattened in the mountains. The forests abound in good fir timber, great quantities of which are floated down the rivers, as deals and rough timber. Iron is the chief mineral product; but it also produces coal, argentification and comments are considered. chief mineral product; but it also produces coal, argentiferous lead, copper, manganese, granite, marble, porphyry, &c., though many of these resources are much neglected. The manufacture of steel and iron goods hold the first rank. Knives and forks are made at Bruyères; bayonets, &c., at Sionne, and nails at Neufchateau; plate iron is made in large quantities at various places; and Plombières is famous for its cutlery. Cotton stuffs are made in the arronds, of Remiremont and St. Die. Lace, sausten instruments. harvals and wooden these are conmade in the arronds. of Remiremont and St. Die. Lace, musical instruments, barrels, and wooden shoes are considerable articles of manufacture; and there are various glass and marble works, tannerles, breweries, &c. Vosges is divided into 5 arronds; ; chief towns, Epinal, the cap.; Mirecourt, Neufchateau, Remiremont, and 8t. Die. It sends 5 mems, to the Ch. of Dep. Number of electors, in 1838-39, 999. Total public revenue, 1831, 7,165,897 francs. (Hugo, Art. Vosges; French Official Tables, &c.)

W.

WAAL, a river of the Netherlands, see Rhine.
WAGRAM, a village of the archduchy of Austria, country below the Enns, on the left bank of the Rossbach, I in N.E. Vienna. This village is celebrated in military history for the great battle fought in its vicinity, on the 6th of July, 1809, by the grand French army under Kapoleon, and the Austrians under the Archduke Charles. The former gained a complete victory; the Austrians lost above 20,000 men taken prisoners, besides a vast number killed and wounded. This great victory led to an armistice followed by the treaty of Schoenbrun.
WAKEFIELD, a parl. bor., market-town, and par. of England, W. Riding, co. York, lower div. of Agbrigg,

weapont. Agbrigg and Morley, on the Calder, 30 ms. S. W. York, and 9 m. S. Leeds. Area of par., comparising the townships of Wakefeld, Stanley-cum-Wrenthborpe, Alverthorpe-with-Thornes, and the chapelry of Horbury, 9,390 acres. Pop., in 1831, 24,538; in 1841, 29,592. The parl. bor., however, includes only the township of Wakefield (pop. in 1841, 18,486), with small portions of Alverthorpe and Stanley. The town is situated on the declivity of a hill sloping to the river, which is here crossed by a bandsome stone bridge of nine arches. It is well built, the thorpe and Stanley. The town is situated on the decclivity of a hill sloping to the river, which is here crossed by a handsome stone bridge of nine arches. It is well built, the houses being mostly of brick; streets spacious and regular, paved, and lighted with gas; and since 1839, the town has been plentifully supplied with pure water by the W. Waterworks Company. The market-place is small, but is well supplied with butchers' mest, fruit, vegetables, and other articles.

Wakefield is one of the principal country corn markets in England; and the new corn prochance at the beside of

is well supplied with butchers' meat, fruit, vegetables, and other articles.

Wakefield is one of the principal country corn markets in England; and the new corn exchange at the head of Westgate is in all respects suitable for the dispatch of the important business of which it is the centre. Out the S.W. side of Wakefield township the buildings advance in a continuous street into that of Alverthorpe, now embodied in the parl, bor.; and at the W. end of the town, and in Stanley township, are a great many buildings known by the name of East Moor, which also form part of the bor., which farther comprises the samall village of Thornes on the S. The latter, in fact, is connected with the town by an almost continuous line of houses and warehouses. (*Bousdary Report.) The parisis church of All Saints is a handsome edifice of English architecture, 156 ft. in length, and 658 ft. in with hounded in the reign of Henry III., but retaining few of its ancient features. It has a square tower, with battlements and pinnacles, surmounted by a spire, 237 ft. in height, said to be the highest in the co. The living, a vicarage in the gift of the crown, is worth 547t. nett. The church of St. John, in the district of the same name, erected in 1796, was, in 1815, rendered parochial jointly with All Saints: the fiving, a perpetual curacy, in the gift of the vicar of Wakefield, is worth 118t. a year. In 1840, Trinity Church, in George Street, built by subscription, and vested in trustees, under the Church Building Acts, was licensed for public worship. Here is also a Rom. Cath. chapel, 30 feet in length by 24 in breadth, believed to have been founded by Edward III.; but rebuilt and decorated by Edward IV. to commemorate the death of his father, Richard, Duke of York, and his partisans at the battle of Wakefield. But (quantum swatuss!) this fine old building has latterly been degraded into a counting-house. In the market place is a Doric cross with an open colonnade supporting a dome, and containing a small room in which the street commi nade supporting a dome, and containing a small room in which the street commissioners transact business. The music saloon, subscription library and news room in Wood Street, is a handsome building. Here, also, is a literary and philosophical society, a mechanics' institute, a masonic lodge, a theatre, &c. The new and commodious corn exchange, at the top of Westgate, contains, exclusive of the exchange and several offices and shops, a very large assembly-room, with ante-rooms. The building called the Tammy Hall, for the exhibition and sale of woollens, has long been occupied as a worsted manufactory. The free grammar-school, founded by Queen Elizabeth in 1892, and since enriched by various private benefactions, has a considerable income, and has long enjoyed a high reputation. It is open, free of expense, to the sons of the inhabs. desirous of a classical education, and has at present (1842) upwards of 90 scholong enjoyed a high reputation. It is open, free of expense, to the sons of the inhabs, desirous of a classical education, and has at present (1842) upwards of 90 scholars. It has an attached writing school, and 4 exhibitions to Cambridge, and 1 to Oxford. Some very distinguished personages have been educated in this school, among whom may be mentioned Dr. John Potter, Archbishop of Canterbury, author of the popular and excellent work on Grecian Antiquities, a native of the town; Dr. Radcilife, founder of the ilbrary at Oxford which bears his name, also a native of the town; and Dr. Beutley, the eminent critic and scholar, a native of Oulton, in the vicinity. The green-coat school, founded in 1707, with an income of above 800f. a year, clothes and instructs about 75 boys and 50 girls; and among other schools is a charity school for 106 poor boys and 50 girls; 2 national schools established in 1832, a school of industry, a Lancastrian and several Sunday schools, in all affording in which about 200 pupils receive a classical and commercial education. The West Riding, Pauper Lunatic Asylms, erected in 1817, 1 m. N. E. of the town, is a noble building capable of accommodating above 400 patients. A dispensary and fever ward was established as few years since; and there are well endowed alms-houses for both sees. Wakefield had formerly an extensive manufacture of woollens and worsted yarn, but this, owing to the superior facilities for carrying on the manufacture enjoyed by other

in dyeing; and it is an important mart, not merely for corn but also for wool and cattle. Great quantities of wool

corn but also for wool and cattle. Great quantities of wool are sent from all parts of the surrounding country to be disposed of by the wool factors; the cattle fairs held every fortnight are very extensive: malting is also carried on to a considerable extent; and there is a soap work at Walton, in the vicinity, which produced, in 189, 1,127,327 lbs. hard soap. The coal mines in the parish

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At vactors, and the coal mines in the parisa employ a great many hands. Wakefield, though in an inland situation, communicates by the Aire and Calder Navigation and various canals with Leeds, Hull, Manchester, and Liverpool; and several branch railways lead from the town to the different collieries in the vicinity. The W. Riding bank of Leatham, Tew and Co, and the Wakefield and Barnaley Banking Commany, have establishments here. The North

Leatham, Tew and Co., and the Wakefield and Barnaley Banking Company, have establishments here. The North Midland Railway from Leeds to Derby passes by Oakenshaw (Wakefield station), I m. S. E. from the town, and the Leeds and Manchester Railway passes the Srend of the town. The station near Kirkgate is within a short distance, on the town side of the bridge over the Caider: but the most important station is at Normanton, 5 m. N.E. from the town, at the junction of the North Midland, Manchester and Leeds, and York and North Midland Railway. A very handsome hotel has been erected at this central station for the accommodation of nassengers. The town is under the jurisdiction of a of passengers. The town is under the jurisdiction of a constable elected by the inhabitants. Quarter sessions constable elected by the inhabitants. Quarter sessions are held in the court-house, a handsome edifice in Wood Street; and petty sessions for the district in the Court House every Monday, by the co. magistrates. A court for petty causes, and the recovery of debts under M., is held every 3 weeks by the steward of the manor. Here is also the W. Riding Register Office;

orr M., is held every 3 weeks by the steward of the manor. Here is also the W. Ridding Register Office; the office of the extensive manor of Wakefield. The house of correction for the W. Ridding of Yorkshire is at Wakefield; it is built on an improved plan, and comprises a read-mill, 307 cells, separate yards, a chapel, &c., and was considerably improved and enlarged in 1843. The prisoners are employed in weaving coarse cloths, callcocs, &c. The Reform Act conferred on Wakefield, for the first time, the privilege of sending a mem. to the H. of C. Rcg. electors in 1849-50, 731.

At the ara of Domesday Survey, Wakefield, with its dependences, was in the hands of the crown. The battle of Wakefield, fought in the vicinity of this town on the 24th of December, 1460, was one of the most important gained by the Lancastrians during the civil wars: the latter, under Queen Margaret, having totally defeated the Yorkists under the Duke of York, who fell in the battle, and whose son, the Earl of Rutland, was assassinated immediately thereafter. In 1854. Wakefield was united to the mediately thereafter. In 1554, Wakefield was united to the Duchy of Lancaster. The manor, which extends for more than 30 m. W. of the town, including above 180

more than 20 m. W. of the town, including above 160 towns, villages, and hamlets, and about one eighth part of the entire pop. of Yorkshire, has belonged to the family of the Duke of Leeds since 1700, and was devised by the late duke to his son-in-law. Walter Sackvile Lane Fox, Esq., M. P., the present Lord of the Manor. Market days, Fridays, and every alternate Wednesday, for cattle and sheep. Fairs, July 4th and 5th, and Nov. 11th and 12th, for horses, cattle, hardware, &c. (Allen's Yorkshire; Baines' Gas. and Direct. of York; Parl. Reps., and Private Information.) WALCHEREN, the most W. of the islands of Hol-

land, prov. Zealand, between the B. and W. Scheldt, having on the W. the N. sea, or Atlantic, and on the E. the Narrow Channel, by which it is separated from the island of Beveland. Middleburg, the cap., in the centre of the island, is in lat. 51° 30′ 6″ N., long. 3° 37′ 30′ E. of the island, is in lat. 51° 20′ 6″ N. long. 3° 37′ 80′ E. it is of a compact circular shape; length, E. and W., about 13 m.; greatest breadth, 10 m. Pop. about 45,000. The surface is quite level, and below high water mark. Its W. side, or that facing the N. sea, is defended against its encroachments partly and principally by a line of sand-bills or dsmez, and partly (at W. Capelle) by a very strong dyke: its sides, washed by the E. and W. Scheldt, are also defended hy prodigious dykes. This is the most fertile, most populous, and best cultivated of all the Dutch islands: the inhabs. are mostly in easy circumstances; and besides Middleburg, the cap., it has the towns of Flushing and Vere, and several flourishing villages. It produces excellent crops of wheat and madder. towns of Flushing and Vere, and several flourishing villages. It produces excellent crops of wheat and madder,
considerable quantities of the last being sent to England.
The climate, though not injurious to natives, is aut to
exercise an exceedingly unfavourable influence over
strangers. This was strikingly exemplified in the result
of the ill-fatted expedition of the British troops to Walthern under the Earl of Chatham in 1809: a great proportion of the force died on the spot from the attacks of a
malignant marsh-fever; while many of those who survived had their constitutions shattered for ever. (Géographic de Busching, xiv. 140, Fr. ed.; Dict. Géog., &c.)

WALDECK-PYRMONT, a principality of W. Germany, consisting of two separate portions, the most southerly and principal of which has Prussian Westphalia on the N. and W., while the most Northerly and smaller, including the town of Pyrmont and adjacent territory, is almost surrounded by Lippe-Detmold and Hanover. Aggregate area, 466 eq. m. Pop. in 1838, 64,80; all Lutherans, except about 500 R. Catholics and 500 Jews. Surface hilly, having a mean elevation of 1,000 feet above the sea: its mean annual temp, is about 45½ Fah. Both Waldeck and Pyrmont belong to the basin of the Weser, their principal rivers being its tributaries, the Eder, Diether principal rivers being its tributaries, the Eder, Die WALDECK-PYRMONT, a principality of W. Gertheir principal rivers being its tributaries, the Eder, Die-mel, and Emmer. About 152,300 morgen of land, or nearly 1-3rd part of the surface, is covered with forests; the trees 1-3rd part of the surface, is covered with forests; the trees being principally beech and oak. It produces an adequate supply of corn for home consumption, with potatoes, fruit of various kinds, and fax. Cattle breeding is an important branch of industry, and within the last 20 years the cattle have been greatly improved by crossing with the breeds of Switzerland and the Tyrol. Copper, iron, salt, alabaster, marble, slates, &c., are raised; and a large proportion of the prince's revenue is derived from the mineral waters of Pyrmont, which is one of the principal sans of Gerthe prince's revenue is derived from the mineral wagers of Pyrmont, which is one of the principal spas of Germany. Manufactures unimportant; those of iron goods, which were formerly considerable, having, of late years, greatly declined: at present the principal are those of linen and woollen stuffs, paper, leather, and cotton hosiery. The chief exports are fine wool, corn, cattle, iron, with the principal of th

linen and woollen stuffs, paper, leather, and cotton hoslery. The chief exports are fine wool, corn, cattle, iron, mineral waters, and a few manufactured articles.

The constitution is a limited monarchy, the diet consisting of 18 mems of the mobility, 13 representatives of towns, and 10 deputies from the rural districts. The diet has the voting of the supplies, &c., but most part of the public business is carried on by a committee consisting of three mem. from each of the three estates composing the diet. The latter and the committee meet once a year. The territ, is divided into 5 districts. Arolsen, a town of 2,060 inhabs, on the Aar, a tributary of the Diemel, is the cap, and seat of gov.; Pyrmont, on the Emmer, one of the oldest watering-places in Europe, with about 3,000 resident inhabs, is the other principal town. Total public revenue estimated at 290,000 rix dollars a year; public debt 680,000 do. Waldeck-Pyrmont holds the 29th place in the Germ. Confed, having one vote in the full diet, and one in the committee along with the principalities of Hohenzollern, Reuss, Lippe, and Liechtenstein. It contributes 519 men to the confederate army. (Berghaus; All. Länder u. Völherkunde, iv. §c.)

WALES. See Enoland and Wales.

WALES. See Enoland and Wales.

WALES. See Enoland and Wales.

WALES of the extraordinary increase is principally to be ascribed to the stimulus given of late years of immigration.

immigration.

WALLACHIA and MOLDAVIA (an. Dacia Transspina), two contiguous principalities of S.E. Europe,
nominally included in European Turkey, but in reality
under the protection of Russia. They lie principally between the 44° and 48° N. lat, and the 22° and 28° R.
long., and are together of a croscent shape, enclosing
Transylvania on the W. and N. W. Wallachia comprises Transylvania on the W. and N.W. Wallachia comprises the S., and Moldavia the E. and N. parts of the united territory; the former, from the W. round to the S.E., is territory; the former, from the W. round to the S.E., is divided from Persia and Bulgaria by the Danube, and the latter on the E. and N. from the Bessarabia by the Pruth, and on the N.W. from the Bukowine by some branches of the Carpathians. The Sereth forms the principal line of separation between the 2 provs., the area, pop. &c. of which are as follow :-

			Area in sq. m.	Pop. in 1837-59.	Chief Towns.
Wallachia Moidavia	:	:	17,500 17,020	1,747,815 1,419,105	Bucharest. Jassy.
Total	•		44,520	3,166,190	j

The two principalities have each their own peculiar government; but their history is so intimately connected, and the forms of their respective governments, the language, manners, and customs of their inhabs, have always been so much alike, that both may be best noticed

ways been so much alike, that both may be best noticed together.

Physical Geography and Products.— The Carpathians, where they separate these provs. from Transylvania, usually vary in height between 3,000 and 5,000 feet, though some summits rise to 7,000 or 8,000 feet in elevation. (Bout Traysuic.) From these mountains the surface gradually declines to the S. and E. through regions of a most picturesque character, and hill ranges and valleys of great fertility, till it terminates in a level and marshy plain from 12 to 30 leagues in breadth, which, with parts of Bulgaria and Bessarahla, constitutes what may be considered the second in point of size and importance of the great European plains. The whole country is thoroughly well watered, being intersected by

the Olt, or Aluta, Jalomnitza, Argish, Sereth, and other large afficents of the Danube, most of which are naviable for a considerable distance, and which annually inundate the surrounding country. The winter is very severe, particularly in Moldavia, which prov. is open to the full force of the N.E. wind; and the Danube, with the varieus tributaries, is generally frozen over for 6 weeks, during which period the lee is often strong enough to bear the passage of the heaviest artillery. In the first 2 months of the year, the snow is so very thick, that the communication is every where carried on by means of sledges. A damp spring succeeds; in May the summer bursts in on a sudden, during which season, though the heat during the day be excessive, the nights are cool, or even cold. The pleasantest season is the auturn, from Beptember to the middle of November. The climate, generally speaking, cannot be said to be unhealthy; but in the plains along the Danube endemic fevers occasionally prevail, and in the hill region goltres are active month. Earthquakes sometimes occur, but happliy they are rarely very violent. Most part of the country towards the Danube consists of a rich alluvial soil; elsewhere, tertiary and calcareous, and in the Carpathians primary formations are prevalent. In the latter, orce of gold, silver, mercury, iron, copper, and other metals are found, and several mines were opened during the Russian occupation of these provinces. At during the Russian occupation of these provinces. At present, except sult mines, few others are wrought, and the gold obtained is chiefly by washing the river deposits, an occupation almost solely confined to the gypsies, who pay their tribute partly in gold dust. Petroleum, sulphur, nitre, and coal are met with, but not much sought after. The salt of Wallachia, which is of the purest kind, forms an article of sale in all the bazaars of the country. Oak, pine, fir, beech, maple, elm, ash, walnut, white mulberry, acc. are the chief forest trees. The climate is unsuitable for the fig and olive; but apples, pears, plums, cherries, appricots, &c. come to perfection with little culture. Asparagus is indigenous; cabbages and artichokes grow to a great size, and cucumbers and melons are among the during the Russian occupation of these provinces. to a great size, and cucumbers and melons are among the principal articles of food. Deer, wild goats, and hares are very numerous. Wolves, when pressed by hunger, are very immerous. Wolves, when pressed by hunger come down from the mountains and commit much devastation among the focks and herds; but at other times, like the bears and other wild animals in these provs., they rarely attack a man.

rarely attack a man.

Land and Agriculture. — The land principally belongs to the nobles, or boyars, though it is seldom cultivated by them on their own account. No regular system seems to be pursued as respects the arrangements between the landholders and cultivators; but, for the most part, the cultivators pay to their landholds a tithe of their whole produce of core and in addition to this the cultivators. cultivators pay to their landlords a tithe of their whole produce of corn, and, in addition to this, they are bound to pay the land-tax and other burdens, and to work 30 days in the year for their landlords. M. Hagemeister says that, though nominally free, the cultivators are virtually enslaved, and that they are still subject to great oppression. (Commerce of the Black Sea, 112.) Owing to their subdivision among the children, on the death of a parent, there are now but few large properties. The mode of tillage does not much differ from that in other parts of Eastern Europe. Oxen are usually employed for field labour. Manure is never used; but after a crop of corn, the land is left fallow for a season, and then sown with labour. Manure is never used; but after a crop of corn, the land is left fallow for a season, and then sown with wheat, barley, or maize, which are the principal crops. Oats and rye are but little cultivated, maize constituting the principal part of the food of the people, and barley being used in distillation, and in the feeding of horses and poultry. No probable estimate can be formed of the ordinary produce of the wheat crops; though there can be no doubt that if the cultivators could calculate on a

ordinary produce of the wheat crops; though there can be no doubt that if the cultivators could calculate on a ready market, it might be very greatly increased. Speaking generally, the wheat of Moldavia, though inferior to that of England or Poland, is from 15 to 20 per cent. superior to that of Wellachia. In the latter prov. the wheat is mostly soft, whereas in Moldavia it is mostly hard. (Hagemeister, 104.)

It is extremely difficult to form any fair estimate of the price at which Moldavian and Wallachian wheat might be beingped from the Danuba. The kilo, or principal corn measure, differs in the two provinces, and the value of the plastre is also constantly fluctuating; and in addition to these causes of uncertainty, the distile laid on corn when exported are liable to vary, and everybody knows how much the price is affected by variations of demand. On the whole, however, we are inclined to think that the cost of corn at Galacz (which see), the principalities, has been materially underrated. In some years it has been as low as life, a quarter; but, in 1836, when 171,313 quarters were exported, the price varied from 32s. to 22s. 7s. a quarter. Perhaps, under a fair aversege demand, it might vary from 20s. to 22s. a quarter.

Emmediately after having been gathered in, the corn is trodden out by horses and cattle, and laid up in pits, in consequence of which it acquires an earthy flavour, un-favourable to its sale in foreign markets. (Hageneiuer,

ND MOLDAVIA.

sbi suprà.) A good deal of wine is made on the bill
slopes, particularly in Moldavia. It is mostly of very indifferent quality; but Mr. Thorston says thant some of
the wines are pleasant and wholesome, resembling the
light wines of Provence, and that they are largely exported to Russia and Transylvania. The stremgth asspirit of the wine, he farther states, are increased by a
process common among the rich proprietors, and practised also in Russia. "At the first approach of sevencold, the wine butts are exposed to the severity of the
weather in the open sir: in a few nights the body of
wine is encircled with a thick crust of ice; this is perforated by means of a hot iron, and the wine, thus desprived
of its aqueous parts, is drawn off clear, strong, and capable of being preserved for a long time." (il. 330.) Owid
may have had a similar practice in view whom he says, of
the wine at the place of his banishment,

"Udence consistant forman servanta tusts

The rearing of cattle, bowever, rather than agriculture, has always been the principal employment of the Wallachians; and the fillyrian word waca, signifying a herdaman, appears to have been the original root wheener their name, and that of the country they inhabit, has been derived. The chief sources of wealth in both principalities are, in fact, their flocks and herds, which find abundant and nutritive pastures in winter in the plains, and in summer on the Carpathians. The number of sheep and goats in Wallachia has been estimated at 4,000,000, and the annual produce of wool in both proves. at 40,000 quintals. The latter, which is divided into 3 sorts, cigais, strosse, and ordinary, is sold at from 3 to 3½ from 2 to 2½, and from 1 to 1½ plastres the oke. There is no public establishment for the washing of wood, but private individuals sometimes wash it at home, which private individuals sometimes wash it at home, which commonly increases the price about 40 per cent.; but the greater part is sold in the grease. Merinos have not vet been introduced into the country. About 1-6th part of

private individuals sometimes wash it at home, which commonly increases the price about 40 per cent.; but the greater part is sold in the grease. Merinos have not yet been introduced into the country. About 1-6th part of the whole clip is sent to France.

"The cattle of Moldavia are larger and better than those of Wallachia, for the simple reason that all branches are more backward in the latter country. Taking their size into account, Moldavia is richer in horned cattle than Wallachia, which, on the contrary, takes the lead in the number of sheep. In both the principalities the cattle and sheep are bought up by the dealers, who pasture them throughout the summer, in the view of selling or slaughtering them in August and September. A pair of good oxen commonly costs from 70 to 83 roubles; a cow is worth from 25 to 28 roubles; a sheep 3 to 4 roubles. Pasturage for a herd of 150 head is hired at a price of 150 to 250 roubles. The number of horned cattle fattened in this manner for sale may amount to 60,000 or 80,000 head. The buyers commonly advance one third or a half of the price for some months. The high price of cattle proceeds from the great consumption in Austria, into which numerous herds are annually sent, particularly from Moldavia. Beasarabia and Wallachia also furnish some, and these are always the largest and finest animals: Many of the inhabitants on the Austrian frontier are engaged in this trade. A part of the cattle, and especially the sheep, traverse the Danube for sale in Bulgaria; and previously to 1838 thumber of cattle and sheep thus exported was estimated at 150,000 for Wallachia, and at 100,000 for Moldavia. "(Hagemeister, p. 149.) There are several breeds of horse; and the best, which are those of Moldavia, are bought up in large numbers for the Austrian and Prasian cavality. (Thorwook, il 323-23.) The buffalo thrive in Wallachia, and poultry and game of all kinds are in great plenty; but the flesh of the latter, as well as beef, pork, and muston, are said to be insipid and inferior. The h

WALLACHIA A

Jassy. Coffee, sugar, pepper, rum, lemons, oranges, and
foreign wines are the principal imports. The local consumption of the first in both provs. is estimated at
800,000 okes, of the second, 900,000 dot, and of the third,
30,000 okes, of the second, 900,000 dot, and of the third,
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800,000 okes, of the second, 900,000 dot, and the third,
800,000 okes, of the second price of second,
800,000 okes, of the presents a decided difference from either Magyar, Slave, or German. In height he is below the medium, and generally rather slightly built and thin. His features are often fine, the nose arched, the eyes dark, the hair long, black, and wavy; but the expression is too often one of fear and cunning to be agreeable. The dull, heavy look of the Slowak is seldom seen among them, but still more rarely the proud self-respecting carriage of the Magyar." (Page.) The long-continued misgovernment to which the Walachians and Moldavians have been subject, has corrupted their provals weakened their species; and given lachiaus and Moldavians have been subject, has corrupted their morals, weakened their energies, and given them most of the vices of slaves. All the worst features of Turkish despotism were exhibited in these provs. In their most revolting and odious forms. And hence we need not be surprised, that though not without hospitality, and some other redeeming qualities, the linhabs, are treacherous, revengeful, indolent, besotted, and often cowardly. The women, indeed, on whom most of the labour devolves, do not share in the idleness of the men, but their industry exhibits much want of method and tariffiness, and "to be as busy as a Wallach woman, and do as little," is a proverbial comparison among the German settlers in Transylvania, &c. (*Paget's Hessgery, il. c. vl. vil., to which, and the art. *Hungary*, in this vol.* p. 5. we begt or refer the reader.)

ii. c. vi. vii., to which, and the art. Himgory, in this vol. p. 5. we beg to refer the reader.)

Mr. Paget says, "I had pitled the Wallachs of Transylvania, till I saw their brethren of the principalities of their extent so fruitful in resources. Yet, with all their advantages, I rever saw a country so thinly populated, nor a pep. so excessively poor and miserable." (I. 467.) The peasants' dwellings throughout the country are all built in the same style and of the same size. The walls are of clay, and the roofs thatched with straw, neither of which is calculated to protect the immates from the inclemency of the weather. In winter the people retire which is calculated to protect the immates from the in-clemency of the weather. In winter the people retire to caves under ground, kept warm by fires made of dried dung and branches of trees; and which, at the same time, serve for cooking their scanty food. Each family, however numerous, sleeps in one of these subterraneous habitations, their beds consisting of a piece of coarse woodlen cloth, which serves in the double capacity of mattress and covering. These under-ground dwell-ings, have, in fact, been the winter residence of the inhabs. of Scythia from the remotest antiquity, and have been admirably described by Virgil:—

Ipsi in defensis speculus secura sub altă Olia agunt turtă, congestaque robora totaque Advolvăm foica ulmos, ignique dedêra. Hie noctum indo ducunt, et poruia insti Fermensio seque acidis inatiunitur visea corbia." Géorg. Ili. lime 576, âcc.

The ordinary food of the peasants consists of the flour of Indian corn, mixed into a dough with milk. For the first few days after Lent some indulge themselves in meat, but the greater part cannot affort this, and content themselves with eggs fried in butter. (Wilkinson, 157-8.) In their holidays they spend most of their time in the village wine-houses, where they amuse themselves with dancing, witnessing the vagaries of glpales, &c. They are no longer caderipti glebe; and if dhasaitsled with their masters, may, on giving due notice, quit their habitations and pass over to the estate of another, with their families and moveables: this, however, is more an apparent than a real advantage, and, as already stated, the peasants are still in a very oppressed condition. The gipsies continue in a state of regular alareary, belonging either to the government or to private individuals. Their entire number in both principalities is estimated at 150,000, about 80,000 of

whom belong to the government. Some are employed as domestic servants; the rest are suffered to stroll about the country, breeding cattle or horses, manufacturing wooden and iron utensile, or employing themselves as showmen, musicians, &c. For this liberty they bind themselves not to quit the country, and pay an analysis of 30 plastres per man, if belonging to the government; it is said that describins by gipsies are rare. The nobility and clergy are in general exempted from taxes for the service of the state, and from the demands of private creditors! They are in consequence overbearing, extravagant, and dissolute. Their education has hitherto been little superior to that of the common people; and though estentations in their dress and equipage, their manners present little refinement. In Meddavia, which is the most civilized of these prova, the great landed proprietors bestow considerable attention to the management of their estates; but in Wallachia these are mostly left to the care of agents. The boyars who hold no place under government, spend their leisure in absolute idleness, or in visiting each other, to kill time. "They have," says Thornton, "adopted indistributions in their present strete. Of late vasers some considerable at the to their passes.

"They have," says Thornton, "adopted indiscriminately the vices, without inheriting the vivacity of the Greeks." This statement applies, however, rather to their past than to their present state. Of late years some considerable improvements have been introduced; and though society be still very backward, it is, at all events, much superior to what it was under the Turkish regime.

Geogramment, &c. — For a lengthened period these provs. were governed by seriosde, or princes appointed by the Sultan from among the Greeks of Constantinople, and, during the continuance of this system, the country was a prey to every species of thuse. Since 1839, however, they have been placed under the sole protection of Russia; and whatever may be the defects of Russian policy, there can be no question that they have gained immensely by the change. The prince, or hospodar, both in Wallachia and Moldavia, is elected for life from among the boyars of the first rant, by an assembly composed of those boyars, and of deputies of the inferior boyars, the academic bodies, and merchants; but his election must be approved by Russia, and the investiture is then given by Turkey. A diet of the clergy and boyars (the class which contribute nothing to the state) meets to vote the supplies, and to discuss other propositions of the prince; but no organic changes can be made without the sanction of Russia. Wallachia is divided into 18, and Moldavia into 13 districts, each of which has a prefect or governor, a receiver-general of taxes, a civil tribunal, consisting of a president and two other judges; and Moldavia has a director of police and a town council in each municipality. Judges are removable at the pleasure of the superior authorities. The legal codes are founded upon the civil law and the customs of the principalities; but though Judges are removable at the pleasure of the superior authorities. The legal codes are founded upon the civil law and the customs of the principalities; but though the system of jurisprudence has been much amended, many reforms remain to be effected, especially in the administration of the laws, which is said to be most corrupt. Nearly all the pop. belongs to the Greek church, and every village has a small church or chapel, with one or more priests, who act as curates. The ecclesiastics of this order are chosen from among the people, from whoma they are little distinguished in appearance, and whose avocations they follow when not engaged in their clerical functions. The generality of them can neither read nor write, and merely recite the formula of their service from memory; they have, however, an unbounded influence

functions. The generality of them can neither read nor write, and merely recite the formula of their service from memory; they have, however, an unbounded influence over the ignorant pop. of these countries. There are many large and rich monasteries, and 4 or 5 seminarles for the education of the superior clergy.

Public instruction, though still backward, appears to have advauced since 1832. Colleges and Lancastrian schools are established in the principal towns; and the latter have by this time probably spread into the rural districts. According to the Journ. of Educ., the higher classes in these provs. have of late set about improving their national dialect with remarkable vigour; and it appears probable that their language will ultimately be rendered much nearer skin to the ancient Roman than even the Italian. There is a printing-press at Bucharest, which is in active employment; and translations of foreign as well as original works are continually being produced by native authors. (Vol. vii. p. 173.) This is a consequence, and by no means the only salutary one, that is likely to follow the establishment of the principalities under Russian protection, or at least their infranchisement from the debasing rule of the Turks.

The military force is organised on the plan of the Russian army, and the staff officers are principally Russians. The militaris formed by the peasantry, in the proportion of 2 men for every 100 families; but along the banks of the Danube all the inhabs. capable of bearing arms are organised into a military force, auxiliary to the quarantine service. The total effective force of the provs. amounts to about 53,000 men, including nearly 5,000 regular cavalry. There is no artillery, nor are there any loctureses in either prov.

gular cavairy. There is fortresses in either prov.

The public reverance and serverd from the optication tax of 60 pisters (her plaster in short 34,6 sterling) per lead on the rural popt.; from 20 to 126 de. a year on the rural popt.; from 20 to 126 de. a year on the rural popt.; from 20 to 126 de. a year on the rural popt.; from 20 to 126 de. a year on the rural popt.; from 20 to 126 de. a year on the rural popt.; from 20 to 126 de. a year on the rural popt.; from 20 to 126 de. a year on the rural popt.; from 20 to 126 de. a year on the rural popt.; from 20 to 126 de. a year on the rural popt.; from 126 to 126 de. a year on the rural popt.; from 126 to 126 de. a year on the rural popt.; from 126 to 126 de. a year on the rural popt.; from 126 to 126 de. a year on the rural popt.; from 126 de. a year on the popt. The rural
chapel, a hendsome Greetan edifice, completed in 1825, is a perpetual curacy worth 50°. a year. There are piacus of worship for Independents, Wesleyans, and Unitarisms. and 2 Cath. chapels, one of which is a handsome Greek building. The subscription library, established in 1800, has recently been enlarged: it contains reading and news rooms, and has a Doric colonnade, 30° ft. in height. The grammar school, founded and endowed by Quaer Marv. in 1557. open to all the boys of the parish, has as

and 2 tath. chapets, one of which is a handshouse Greek building. The subscription library, established in 1990, has recently been enlarged: it contains reading and news rooms, and has a Boric colonade, 30 ft. in height. The grammar school, founded and endowed by Quese Mary, in 1857, open to all the boys of the parish, has a annual income of 780t; and subsidiary schools, dependent on the principal, have been established in different part of the par. It has also an English school is which 185 boys are instructed; a blue-cost charity; a National and several Sunday schools; and numerous charitable benefactions for the relief of the poor. In the time of Henry VI. an endowment was left for the annual distribution of id. to every person in the par.; but, in 1873, this useless endowment was judiciously appropriated to the erection and maintenance of 11 almshouses. Wahali said to have been a bor. by prescription: its earliest is ald to have been a bor. by prescription: its earliest is governed by a mayor, 5 other aldermen, and 18 councillors. Corp. rev., 1847-8, 2, 2182. The Reform Act conferred on it, for the first time, the important privilege of sending 1 mem. to thell. of C. Reg. eice. in 1849-50, 911. It has a commission of the peace, a weekly court of pety sessions, and a county court, before which 833 plaints were entered in 1846. The jail is of a very indifferent was maintenance of saddlers' ironmongery, that is, the manufacture of the town, which is 3½ m. from

the gift of the trustees of the Earl of Norwich. The Baptists and Wesleyans have, also, places of worship. The educational and charitable institutions comprise a free school for 20 boys and 20 girls, with an endowment producing about 150. a year; another endowed school, for the education of 5 boys, and several bequests for the support of Sunday schools, almshouses, and the general relief of the poor. The revenues of the monastery amounted, at its dissolution in 1839, to 9002, according to Dugdale, and to 1,0802, according to Speed. Marketday, Tuesday; fairs, twice a year. At present, however, the town derives its entire importance from the gunpowder mills established here on account of government. the town derives its entire importance from the gun-powder mills established here on account of government. These, which were originally acquired from private par-ties in 1287, consist (in 1842) of 4 mills, each having 2 pair of stones. The moving power is water; the es-tablishment is, in all respects, in the most efficient state, and the powder produced of the very best quality. During peace the consumption of powder by government amounts to about 10,000 barrels a year, of which about During peace the consumption of power by government amounts to about 10,000 barrels a year, of which about 8,000 are supplied by the works now under consideration. The latter, however, were not erected in the view of providing the entire supply of gunpowder, which, in periods of war, sometimes exceeds 80,000 or 100,000 barrels a year; but partly as a check on the combinations of the supplied of parries a year; our parry as a cneed on the comonations of the manufacturers, and partly as affording the means of readily trying and fairly appreciating such new discoveries and experiments as may from time to time be made or suggested in the preparation of so important an article, and in these respects they have been completely successful. At Enfield Lock, about 2 m. below Waltham, a manufactory of april serms is also excited on users. successful. At Enfield Lock, about 2 m. below Waltham, a manufactory of small arms is also carried on upon account of government. At present (1850) it is almost wholly occupied in the making of new percussion muskets, of which it supplies about 10,000 a year. (Private

wholly occupied in the maning of new percussion mustakets, of which it supplies about 10,000 a year. (Private Information.)

In the hamlet of West Waltham, or Waltham Cross, about 1 m. W. from Waltham Abbey, in Hertfordshire, is one of the stone crosses erected by Edward I., at the different places where the corpse of his beloved wife, Gueen Eleanor, rested on its way from Hareby, near Grantham, where she died, to Westminster Abbey. Only 3 of these crosses now remain. It had originally been a very fine structure; but the ornaments are now much deaced. (Beassite of England, vols. vil. and x.; Farners's History of Waltham Abbey; Parl. Papers, 3c.)

WALTHAMSTOW, a village and par of England, co. Essex, hund. Becontree, on the Lea, a tributary of the Thames, 5 m. N.E. London. Area of pur. 3,590 acres. Pop. of do., in 1841, 4,873. The village, on the borders of Epping Forest, is formed by the union of several hamlets; the houses, among which are many villas and country seats, being generally detached, and interspersed with trees and gardens. The church, built on an eminence, is a spacious structure in a mixed style of architecture, with a tower at its W. end: it was repaired and enlarged in 1817, and has several ancient monuments. The living is a vicarage, to which is attached the curacy of 8t. John's, being worth, together, 772t. a year: patron, W. Wilson, Esq. The Unitarians and independents have each chapels; and to the latter a school is attached, in which 30 girls are educated, 20 of whom are clothed at the expense of the foundation. The free school, founded in 1842, has an endowment yielding N.L. a year: Although established for the education of more than 30 pupils, it was lately attended by only 3. It has also national and infant schools, with numerous well endowed almshouses, and benefactions to a considerable amount, for the relief of the poor. Some

tion of more than 30 pupils, it was lately attended by only 5. It has also national and infant schools, with numerous well endowed almshouses, and benefactions to a considerable amount, for the relief of the poor. Some copper milis and other works are established in this par, on the banks of the Les. The par, has an exclusive local jurisdiction; and is governed by a council of 17 members, presided over by the vicar and churchwardens. Counts lest and baron are held here when required. (Guide to Londons and its Environs, 3c.)

WANDSWORTH, a large village and par. of England, co. Surrey, hund. Brixton; on the Wandle, near its confluence with the Thames, 5 m. S. W. London. Area of par. 1,820 acres. Pop. of do. in 1841, 7,614.

Wandsworth consists principally of one broad thoroughfare, between 2 eminences called the E. and W. hills. "It is in parts noisy and bustling, in other parts rural and quiet; in parts clean and pleasant, in others low and dirty; and the residents are for the most part in the extremes of rich and poor." (Guide to London and its Environs.)

The old church, which was mostly rebuilt in 1780, is a pffin brick edifice with a heavy square tower at its W. extremity; the living, a valuable vicarage worth 840£ a year, is in the gift of W. Borrodaile, Esq. The new church of St. Anne, erected by act of parliament in 1834, is an elegant edifice of Grecian richitecture, with a handsome portice and a steeple of 2 circular arches. Here also are meeting-houses for Friends (to which 2 schools are astached), Baptists, Independents, and Wesleyans. The first Presbyterian congregation in England was established here in 1572.

incorporated with the national school, and affords instruction to above 300 boys and 100 girls, to some of whom clothing is supplied. It has also a Laucastrian school, in which more than 200 children are educated. A school of industry, attended by 40 girls, and various other charities, among which those of Alderman Smith. a native of the town, who died in 1627, are the most valuable. The manufactures of Wandsworth are more considerable than might have been expected:

the most valuable. The manufactures of Wandsworth are more considerable than might have been expected: that of hats was introduced by the French refugees towards the end of the 17th century; and there are works for making coach and livery lace, dyeing (especially in scarlet), with corn, oil, iron, and white lead mills, vinegar works, and distilleries. The Richmond railway passes through the village. Petry sessions for the hund, are held weekly, and there is a county court, before which 2,308 plaints were entered in 1848. Fairs on the first 3 days of Whitsun week, for horses, cattle, pigs, and toys. (Lyson's Environs of London, i. 378-390., 3c.) WANTAGE, a market-town and par. of England, co. Berks., hund. Wantage, on a small trib. of the Thames, at the E. extremity of the Vale of the White Horse, 224 m. W. N. W. Reading. Area of par., which includes the hamlets of Charlton and Grove, 7.530 acres. Pop., in 1841, 3,560. The town is irregularly built at the intersection of the high roads from Hungerford to Oxford, and from Farringdom to Wallingford, which form its principal streets. The church a handsome cruciform structure, has a square embattled tower rising from its centre, and some fine monuments. The living, a viprincipal streets. The church, a handsome cruciform structure, has a square embattled tower rising from its centre, and some fine monuments. The living, a vicarage, worth 503t, a year, is in the gift of the Dean and Canons of Windsor. It has also places of worship for Independents and Wesleyans; a free grammar-school, with an income of about 200t, a year; some almshouses, founded in 1650, with an endowment of 100t, a year, Sunday-schools, &c. The town lands produce an income of about 450t, a year, which is spent on the relief of the poor, the repair of highways, and the support of a school. Sacking, twine, and tarpaulins are manufactured on a small scale. The market is celebrated for its fine corn, a great deal of the best seed-wheat being brought thither by the Vale farmers. Its trade is facilitated by a branch of the Wilts and Berks canal, which comes up to the town. Wantage was made a bor, after the Conquest; but it no longer retains that distinction. A manorial court is, however, held in it once a year, and petty sessions for hund, every Saturday.

WARDEIN (GROSS or GREAT; Hungar, Nagylerad), a fortified town of Hungary, co. Bihar, of which it is the cap.; on the Körös, towards the borders of Teanwards of the powers of the content of the cont

rarday, a fortunation of mingary, co. Shar, of which it is the cap.; on the Körös, towards the borders of Transylvania, 39 m. S. W. Debreczin. Pop. estimated in the Austr. Nat. Energe. at 10,000; but, according to Berghaus, it amounts, including its suburbs, to upwards of 16,000. It is the residence of a R. Cath. and a united of 16,000. It is the residence of a R. Cath. and a united Greek bishop, a Greek projopapas, &c., and the seat of the co. assembly, council, a commissariat department, &c. It has a royal academy, many other superior schools, and abbey, and various religious establishments, with manufactures of silk stuffs and earthenware. Mr. Paget says, "Gross Wardein is really one of the pretitest towns I have seen for a long time. Its wide well-built streets of one-storied houses, and extensive market-places, are quite to the taste of the Magyar, who loves not the narrow lanes and high houses of his German neighbours. But the glory of Gross Wardein is in its glided steeples, its episcopal palace, its convents, and its churches; and, although of the latter, the 70 which it formerly boasted are now reduced to 22, they are quite sufficient for the inhabs. Prince Hoheniohe, of miracleworking memory, is now the occupant of this see. His elevation to the bishopric has, however, completely extinguished the light of miracle: "(Paget's Hungary, § 2c., ii. 518.)

extinguished the ignt of intracter 'ages' Haugary, 'gc. ii. 518.

WARE, a market town and par. of England, co. Herts, hund. Braughin, on the great N. road, and on the Lea, 18½ m. N. London. Area of par., 4,430 acres. Pop., in 1841, 4,653. It consists chiefly of one thoroughfare, nearly a mile in length, and lined in general with substantial and well built houses. The church is a large cruelform structure, mostly in the decorated and perpendicular styles; it has an embattled tower at the W. end, and within are several fine monuments, and a hand-some front. The living, a vicarage, annexed to that of Thundridge, worth 334 a year, is in the patronage of Trinity Coll. Camb. Here are also chapels for Independents, Wesleyans, and Friends. The market-house, aupported on arches, comprises a good assembly-room. The educational and charitable institutions include a free grammar-school, of very old foundation, attended The educational and charitable institutions include a free grammar-school, of very old foundation, attended by about 30 pupils; another free school, with a small endowment, established in 1834; a national, and two other schools, chiefly supported by subscription; numerous atmshouses, a lying-in charity, and funds for distribution among the poor, yielding an income of 3300, a year. (Analytical Digest of Charity Reps.) Ware has a considerable trade in corn, and maliting is extensively carried on. It is governed by 3 constables and 4 head-

exertions of the tainous of ruga manuscon. Industry very unproductive at first, it has since been a source of vast wealth to its proprietors, as well as of advantage

exertions of the famous Sir Hugh Middleton. Though very unproductive at first, it has since been a source of vast wealth to its proprietors, as well as of advantage to the city.

WAREHAM, a parl, and munic. bor., market town, river-port, and par. of England, co. Dorset, hund. Winfith, in Blandford div., on a peninsula between the rivers Frome and Piddle, about I m. above their confluence with Wareham harbour, the most westerly arm of Poole harbour, 30 m. S. S. W. Salisbury, and 102 m. S. W. London. The modern bor. includes the whole of the 3 pars, portions only of which were comprised in the ancient bor., together with those of Corfe Castle and Bers-Regis, and parts of two other adjacent parishes; having a total area of 22,890 acres, and a pop., in 1841, of 6,646.

The site of the town shelves gradually towards the S., and it is mostly surrounded by flat marshy land. Having been nearly destroyed by fire on the 25th July, 1763, it has been built on a regular plan, and consists chiefly of 2 wide streets, intersecting each other at right angles. The houses, built of brick, and tiled or slated, are generally in good condition. It is surrounded by a remarkable ancient mound, the space between which and the town is now laid out in market gardens. Each of its rivers is here crossed by a bridge, that over the Frome being a handsome structure, erected in 1779. Down to a list period it was neither watched nor lighted. (Bossed, and Massicipal Reports.) Of 8 churches which formerly existed here, only 1, St. Mary's, is now used for public worship, though 2 more, Trinity and St. Martin's, are made use of for other purposes; the former being converted into a national school, and the latter being merely used for reading the funeral service. St. Mary's, a spacious and ancient edifice, originally attached to a priory, built in a mixed style, though principally of the decorated character. (Rickmens.) It has a handsome tower, and contains some ancient monuments. All the livings of Warcham are now united in one rectory. Two more an

The trade of Wareham consists chiefly in the export of the fine clay found in its neighbourhood to the Susford-shire and other potteries, and in the shipping of vege-tables from the market gardens round the town for Poole shire and other potteries, and in the shipping of vegetables from the market gardens round the town for Poole and Portsmouth. A good many of the inhabs, are also employed in knitting stockings, and in the manufacture of shirt buttons. The port, which was formerly considerable, is now nearly choked up, being only accessible to vessels of from 25 to 30 tons; but vessels of 60 tons ascend to within about 1 m. of the town, and those of 200 tons may anchor at Russell's quay, about 3 m. from the town. "The inhabs, may be said to consist of persons of middling circumstances, and a few retired officers and independent persons, retail tradesmen, and men deriving a subsistence from the small craft. There is no poverty in the place, but its pop, and the number of its houses are probably less now than formerly." (Parl. Bossed. Report.) We doubt, however, whether there be any good foundation for this surmise. The borough returned 2 mems. to the H. of C. from the 13th of Rdward I. down to the Reform Act, the right of voting being exercised, since 1741, by the inhabs, paying scotand-lot; but under the act now referred to, it returns only I mem. along with Corfe-Castle, Bers-Regis, &c. Reg. electors, in 1849-50, 403. The bor, has a commission of the peace, a court leet, held annually; and a court of record, opened monthly, but now of little utility. Market day, Sat. Fairs 9 times a year, mostly for cattle, cheese, and hogs. (Bossed. Rep.; Mess. Corp. Append., &c.)

WARMINSTER, a market-town and par, of England,

boroughs: petty sessions, for the division, are held weekly, and a court-baron once a year. Market-day, Tuesday. Fairs twice a year for horses and cattle.

Chadwell spring, near the town, assisted by a cut from the Lea, gives rise to the New River, an artificial stream brought from Hertfordshire, for the supply of water to the metropolis. Though the source of the New River, in a direct line, be not more than 20 m. from London, its course, including its windings, is nearly 40 m. This important work was completed in 1613, principally by the exertions of the famous Sir Hugh Middleton. Though the secret on the supply of the vicar of Warminster. Besides a classed of the vicar of Warminster hand former type of the vicar of Warminster. Besides a classed of the vicar of Warminster hand former type of the vicar of Warminster hand former type of the vicar of Warminster. Besides a classed of the vicar of Warminster hand former type of the vicar of Warminster. Besides a classed of the vicar of Warminster. Besides a classed of the vicar of Warminster and Storage of wormhip: a free-endowed grammar-chool, smbording instruction with the vicar of Warminster. Besides a classed of the vicar of Warminster. Besides a cl declined, if still largely carried on. The manufacture of broad cloths and kerseymeres has been, in a great measure superseded by that of allk, in which manny women as children are employed. The trade in corn is considerable; the market being one of the most extensive in this part of the country. The town is under the jurisdiction of a high constable, deputy constables, and tything.men, chosen at the annual manorial court. The quarter sessions for the co. are held here in July; petty sessions monthly by the co. marketrates; and a court of reconstant

part of the country. The town is under the jurisdicties of a high constable, deputy constables, and tything-mes. chosen at the annual manorial court. The quarter sessions for the co. are held here in July; petty sessions monthly, by the co. magistrates: and a court of requests for the recovery of debts under \$k\$, is held alternately in his town and Westbury. Warminster is essepaeed in his town and Westbury. Warminster is essepaeed in his two vicinity. Market-day, Saturday; fairs, 3 times a year, for cattle, sheep, hogs; and chesse.

The manor and lordship of Warminster is the property of the Marquis of Bath; and about 4½ m. W. from the town on the confines of Somersetablers, is Langlest House, the truly magnificent seat of that noblemen. The park in which it is situated is of great extent, asi is finely laid out. (Beauties of England and Marquis of Bath; and about 4½ m. W. from the recosed by a stone bridge, 17 m. E. by S. Liverpool. Area of par. 12,260 acres. Pop. in 1831, 19,155, in 1841, 21,837. The parl. bor., however, comprises only the townships of Warrington and Lachford, with pertions of that of Thelwall, and may have at present (1860) a pop. of about 21,000. The town principally consists of four main streets, one or two of which are spacious and contain some handsome buildings; but the other streets are for the most part narrow and badly drained, and very little appears to have been done for the improvement of the town except its being paved and lighted with gas in 1821. (Bussell, 8.P., &c.). The most important public buildings are the sessious-house erected in 1830; the market-hall, over which are the assembly rooms; three cloth halls thearre, &c. The par. church, which is lofty and handsome, contains two chaptels, and some fine ancient monuments. Beneath the chancel has lately been discovered an ascient crypt, now converted into a vestry. At the entrance of the churchy and in 1677, has stace received leave to a substant in 1678, a society was formed here early in the late of the churchy and in 1679,

small but commodious infirmary, to which two warms we cases of fever are attached.

The appearance of warrington is less bustling and animated than formerly. Until the opening of the railway it was the great thoroughfare between Manchester and Liverpool; 70 public carriages daily passing through it between these great emporium, whereas at present (1850) there is not one! But its traffic with the above towns is, notwithstanding, very considerable; for, though not strictly smeaking a port, it possesses, by means of the towns as notwinstanding, very considerable; ref., nonga-not strictly speaking a port, it possesses, by means of the Mersey and Irwell Navigation, many of the advan-tages of a port. At spring-tides the Mersey rises from 10 to 12 ft. at Warrington bridge, and vassels of from 70 to 100 tons burden navigate the river up to this point.

It is, now, also, a station in the great N.W. Railway from London to Glasgow, and is consequently connected with all parts of the kingdom.

Warrington is distinguished by the number and variety of its manufactures. The making of sailcloth and sacking was formerly carried on here upon a very large scale, but it is dwindled to insignificance. At present, among the manufacture arrived on service support and property of the proper the many that are carried on, cotton spinning and powerthe many that are carried on, cotton spinning and power-loom weaving occupy a prominent place. In 1838, there were six cotton mills at work in the parish, em-ploying in all 1,136 hands. (Rep. on Mills and Factories.) The refining of sugar, though not entirely relinquished, is not a leading branch of industry; but the soap manu-facture continues to be of great importance. 4 509 870 lbs is not a leading branch of industry; but the soap manufacture continues to be of great importance, 4,502,570 lbs, of hard soap having been made in the town in 1849. The manufacture of flint and plate glass is carried on upon a large scale, and has long ranked among the principal businesses of the town. Warrington is also the principal seat of the manufacture of "Lancashire tools," under which designation are comprised files of the very best quality, chisels, graver's tools, watch and clock maker's tools, &c., and in some of its factories may be seen collections of the articles in question of unrivalled excellence. Pin-making is also carried on; and warrington has long been celebrated for its malt and ale. The soil, has has long been celebrated for its malt and ale. has long been celebrated for its malt and ale. The soil, too, in the neighbourhood leing especially suitable for horticultural purposes, gardening is here well understood and successfully practised. The government of the town is vested in police commissioners and constables chosen annually in october at the court leet of the lord of the manner. A country sourt is artishibled here before which The soil

annually in October at the court leet of the lord of the manor. A county court is established here, before which 1,275 plaints were entered in 1848. Corp. rev. 1848-49, 1,2761. The Reform Act conferred on Warrington, for the first time, the privilege of sending 1 mem. to the H. of C. Reg. electors, in 1849-50, 697. Market days, Wed. and Sat. Fairs, 18th July and 30th Nov., each lasting 10 days, for horses, cattle, and cloth, and every other Wed. for cattle. (Parl. Papers; Priv. Inform.) WARSAW (Pol. Warrzawa, Fr. Varsovie), the capcity of Poland, palat. Masovia, on the Vistula, 650 m S.E. Petersburg, lat. 529-147 28' N., long. 210 2' 47' E. Pop., in 1847, including its suburbs, 166,997. The city, which, with its gardens and suburbs, covers a great extent of ground, is on the left or W. bank of the river, which is here about as broad as the Thames at Westminster bridge, being connected with the suburb of Praga on the right, by a bridge of boats. A suspension bridge was the right, by a bridge of boats. A suspension bridge was some years since projected instead of the latter, but the project has not hitherto been carried into effect.

Warsaw, being situated partly in a plain and partly on an ascent gradually rising to the river's bank, has a mag-nificent appearance from the Petersburg road. But though the contrary has been affirmed by some travellers, the impression of grandeur is not supported on entering the town. It has, indeed, many fine palaces, public buildings, and noble mansions, and, latterly, its private houses have been improved, by prohibiting the construction of new buildings of wood. But its streets, though spacious, are hadly paved, badly lighted, and dirty; the greater part of the houses in the city, and still more in the suburbs, are mean and ill constructed, above one fourth part of their number being at this moment of wood; and the whole town exhibits a painful contrast of though the contrary has been affirmed by some travellers, fourth part of their number being at this moment of wood; and the whole town exhibits a painful contrast of wealth and poverty, civilisation and barbarism, luxury and misery. The suburb of Praga, on the E. bank of the river, once strongly fortified and extensive, is now all but deserted. There are still, however, several other suburbs of large extent; and those adjacents to the city-rroper are included within its remover. proper are included within its rampart and ditch.

The principal public building is the Zamck, a huge edifice, formerly the palace of the kings of Poland, and that in which the emperor still resides when he visits Warsaw. The hall of the Polish diet, a splendid gilt ball-room, and the national archives of Poland, are in this building; but the fine paintings of Canaletti, Bac-ciarelli, &c., with the library and other treasures, have been removed since 1831 to the Russian capital. There are several other royal palaces. That called the palace of Casimir, which was appropriated to the university, has in its square a statue of Copernicus. The Palais de Saxe is a large building in one of the finest squares. "At the back of this palace are the principal public gardens in the interior of Warsaw, which resemble in some respects the park at Brussels, though con-siderably larger. Another handsome public garden, much frequented at the fashionable hour of 12, belongs to what is called the government palace. This latter is, respense one of the most chaste and really beautiful this building; but the fine paintings of Canaletti, Bacmuch requested at the fashionable hour of 12, belongs to what is called the government palace. This latter is, perhaps, one of the most chaste and really beautiful architectural elevations in the Polish capital. It is strictly in the Italian style, and contains the unitional theatre, custom-house, high tribunals, and offices of the minister of the interior. The palace of the minister of finance, which is quite modern, forms, with the new averance, exchange, assistances. minister of manace, which is quite mouern, to us, what the new exchange, a very imposing object at the end of the street leading to the Breslau gate. The Marieville baraar is a large square, the four sides of which consist of covered areades, with dwellings for the merchants

above, and shops for the merchandlse under them; the latter amount to about 300, besides several warehouses. A great number of churches are to be found in the city; some of which are of really colossal dimensions, as the cathedral of 8t. John, and the church of the Holy Cross. In the former are an altarpiece of great merit by Palma Nova, and a large standard wrested from the Turks by Sobieski at the siege of Vienna. The Lutherans have also a magnificent church, erected at an expense of 25,000t, and superior in beauty and boldness of design to all the Catholic churches in the place, having a dome and tower of prodigious elevation. Which way so ever a traveller turns, he cannot fail to pass some one of the monuments which stand in the squares to commemorate the reign of a sovereign, or the achievements of a Polish warrior. The colossal statue of Sigismund III., cast in bronze, gilt, and placed on a lofty pillar of marble of the above, and shops for the merchandise under them; the

a traveller turns, he cannot fall to pass some one of the monuments which stand in the squares to commemorate the reign of a sovereign, or the achievements of a Polish warrior. The colossal statue of Sigismund III., cast in bronze, gilt, and placed on a lofty pillar of marble of the country, produces a very good effect; and the equestrian group in bronze of Poniatowski, &c., by Thorwaldson, is another monument worthy of admiration.

"Independently of the public gardens, Warsaw may be said to have in its vicinity some of the finest drives and promenades in Europe for width and extent. The numerous avenues of the Ujasdow, planted with lofty lime and chesnut trees, are the rendezvous of nearly the entire pop. of Warsaw on Sundays and other holidays, and are admirably calculated for horse and sledge races, both of which take place here. In the immediate vicinity is the royal villa, formerly the country residence of Stanislaus Augustus. The palace is built in the Italian style: Bacciarelli's paintings decorate one of the principal rooms; and it has a ball-room, ornamented with colossal statues in white marble; a chapel, with some curious works in mosaic, &c. In the park is a stone bridge, on which is erected the equestrian statue of John Sobieski. The view of the Vistula from the park is very fine; and a large island lying in the middle stream is much frequented in summer by the amateurs of aquatic expeditions." (Granville, ii. 641—547.)

Among the other public buildings, may be specified the Radzivil and Krasinski palaces, the barracks, mint, six hospitals, five theatres, and several good inns. Since the late insurrection, a strong citadel has been erected partly in the view of protecting, but more of overawing the town. This citadel was built from the profuce of a loan raised in Poland; and, in 1835, when the emperor Nicholas visited Warsaw in his way from the congress at Töplitz, he distinctly informed the civic authorities that, on the first disturbance breaking out in the city, the guns of the citadel should le

ing here, as in all other countries subject to Russia, and have now a cathedral and other churches in the city. The Jews, of whom there are about 25,000, have several The Jews, of whom there are about 25,000, have several synagogues; the Armenians, too, have their places of worship, and the English have a chapel. Among the educational establishments, are numerous superior, special, and elementary schools; all of them being modelled on the new system, and having attached to each a native Russian, as a teacher of his own language, a considerable proficiency in which is now an indispensable qualification for holding any public office, how trifling scever.

Warsaw has, also, a deaf and dumb asylum, a musical conservatory, societies of friends of literature and natural science, a bible society, &c. and some newspapers and other periodical publications. These, however, are subjected to a rigorous censorship, and are, consequently, worth little or nothing. Its manufac-

ever, are subjected to a rigorous censorship, and are, consequently, worth little or nothing. Its manufactures comprise woollen and linen cloths, saddlery, leadther, carriages of different kinds, frommongery, paper, and tobacco, with chemical and cotton printing works, and numerous breweries. Warsaw is the great commercial entrept for Poland; and has two large annual fairs, in May and Sept., attended by traders from many parts of Europe and Asia, five banks, an assurance society, &c. In comparing this city with Petersburg, Dr. Granville says, "There is a notable difference between the general aspect of the inhabs. of Warsaw and those of the cap, he had just left. The women here are handsomer than the men: at Petersburg the impression I received was of an opposite nature. The absence of those semi-Asiatic costumes, which are so prevalent in all the streets of the

Russian cap., tends, in great measure, to give to the cap. of Poland a more European aspect; but there is something else that contributes to produce that effect. The Poles are uniformly merry; they are loud chatterers, fond of amusement, and as partial to living in the open air, doing nothing, as the Parisian fainteasts and the habitués of the Palais Royal, the Tulleries, the Boulevards, or the Lusembourg; to which class of people I should be tempted to compare them in many respects. They also do business differently: their shops and public places of amusement are more like those of

respects. They also do fusiness differently: their shops and public places of amusement are more like those of any other European city farther S.; and their wénage appears to be much nearer to that of the French than of the Russians." (Granwille, II. 327, 528.)

Warsaw, though a very ancient town, was not the cap. of Poland till 1866, after the union with Lithuania; when the Polish diet was transferred to it from Cracow. The city was occupied by the Swedes in the middle of the 17th century, and surrendered, without opposition, to Charles XII. in 1703. In 1793, the inlasts. expelled the Russian garrison previously in occupation; and the town was successfully defended against the Prussians, in the succeeding year. by Kosculako. But the suburb of succoeding year, by Kosciusko. But the suburb of Praga, being soon after taken and sacked by the Russians rraga, comg soon after taken and sacraed by the instants under Suwarrow, by whom a large proportion of the inhabs, were put to the sword, the city, threatened with a similar fate, submitted to the conquerors. In 1795, Warsaw was assigned to Prussia: in 1806, she was made warsaw was assigned to Frussa: in lead, she was made the cap, of the grand duchy of Poland; and in 1815, she became the cap, of the new kingdom of Poland. She was the principal seat of the ill-faced insurrection of 1831, which has entailed so much mischief on her and the rest of Poland. (Malle Bruss, Tableau de Pologne; Phiet Gion , Generalle, he.)

1831, which has entailed so much mischief on her and the rest of Poland. (Malke Bruss, Tableas & Pologne; Dict. Géog.; Grawellle, &c.)

WARWICK, a co. of England, situated nearly in the centre of the kingdom, having N. B. the co. of Lelcester, E. Northampton, S. Oxford and Gloucester, W. Worcester, and N. W. Stafford. It contains 574,080 acres; of which above 500,000 are arable, meadow, and pasture. The northern and largest part of Warwickshire was formerly an extensive forest, and still retains something of its former character, being interspersed with heaths and moors, and sprinkled with woods; but the former have greatly diminished within the present century. The S. portion is in general very fertile. Both the dairy and grazing systems are successfully practised, but the former has been gaining on the latter. The long-horned breed of cattle is preferred for the dairies; the average produce of a cow being about 28 cwt. of cheese. Short-woolled sheep have been almost entirely banished from this co. The standing sheep stock is supposed to amount to about 350,000 head, and the produce of wool to be between 8,000 and 9,000 packs. stock is supposed to amount to about 350,000 head, and the produce of wool to be between 8,000 and 9,000 packs. Arable husbandry is not so well understood as grazing; and in some districts it is far behind. Wheat, barley, oats, and beans, are extensively cultivated. The first is generally drilled; and when such is the case, it is not a little singular that turnips should be almost overywhere sown broadcast, and beans generally dibbled. The system of top-dressing is more commonly followed in this than in any other co. Estates of various sizes; some very large, and others small. Farms vary from 80 to 500 acres; but the smaller class predominate so much, that the average is not supposed to exceed 150 acres. Old enclosures average about 10 acres, new about 15. Lesses getting more uncommon, and farms mostly held from year to year. Tenants bound not to exceed three Lesses getting more uncommon, and farms mostly held from year to year. Tenants bound not to exceed three crops to a fallow; but there is no restriction as to the quantity of wheat sown. Average rent of land in 1843, 1411s.6d, an acre. Little can be said in favour of the farm buildings. The old houses and offices were some-times built of timber; sometimes the walls were of stone, and sometimes of mud or clay, or thatched; they are in general injudiciously placed, ill-planned, and in-convenient. The new farm-houses and offices are of brick, covered with tile, and are very substantial; but conveniency is said not to be much studied. There are no open sheds for wintering cattle, nor feeding-sheds brick, covered with tile, and are very substantial; but conveniency is said not to be much studied. There are no open sheds for wintering cattle, nor feeding-sheds for soiting with turnips, and other green food. (Sarwey, p. 30.) Coal is wrought to a considerable extent at various piaces; but Birmingham is supplied with coal brought by canal from Staffordshire. Warwick ranks high as a manufacturing co. Birmingham is the principal seat of the hardware manufacture; and nowhere, perhaps, has the combined influence of ingenuity, skill, and capital been more astonishingly displayed than in the immense variety, beauty, utility, and cheapness of the articles produced in this great workshop. Coventry has been long distinguished for its proficiency in the silk trade, particularly in the manufacture of ribands. Needles and fish-hooks are made at Alcester; hats at Atherstone; and flax-mills have been erected at Tamworth, and in other places. Principal rivers Avon, Tame, Aine, and Learn. The Birmingham and Fazely Canal runs along the N.W. side of the co.; and it is intersected by the Warwick and Birmingham Canal, the Warwick and Nupton Canal, the Oxford Caual, &c.;

the co. is also intersected by the railway from Londer to Birmingham, and thence to Manchester. It is divided into 4 hundreds, and 4 subsidiary districts, and contains 205 parishes. It sends 10 mems. to the H. C.; viz. 4 for the co., and 2 each for the city of Corestry and the bors of Birmingham and Warwick. Regarded Corestry and the bors of Birmingham and Warwick. Regarded Corestry and the bors of Birmingham and Warwick. Regarded Cores for the co., in 1849-50, 10,706, where G.755 belong to the E., and 2,951 to the W. division. In 1841 Warwick had 81,321 inhabited houses, and 401.71 inhabitants, of whom 195,679 were malcs, and 205,86 females. Sum expended for the relief of the poor in 1848-49, 131,958. Total annual value of real property in 1843, 2,264,490. Waswick, a parl and mun. bor. and par. of Eag-

females. Sum expended for the relief of the poor in 1843. 49.31,959. Total annual value of real property in 1843. 2,364,490.

Waswick, a parl. and mun. bor. and par. of Eagland, near the centre of the co. Warwick. of which it whe cap, hund, Knightlow, on the Avon, 24 m. W. Lessington, and 82 m. N.W. London. Area of parl. bor. the limits of which were not altered by the Boundary Act, and which is co-extensive with the two parishes of St. Mary and St. Nicholas, 0,360 acres. Pop., in 1811. 91,34. It stands on an abrupt acclivity on the N. band of the river, which is here crossed by a handsome stoophidge of a single arch; and is regularly laid out, co-sisting of two principal thoroughlares crossing each other towards the centre of the town, with a number of smaller cross streets. The principal streets are well built paved, lighted with gas, kept remarkably cleans, and orunmented with several handsome public buildings. The most completious of these is St. Mary's church, which, having been nearly burnt down in 1694, warlous styles; the square tower, which was designed by Sir Christopher Wren, and is finely proportioned, rises to a height of 130 ft.; it is supported on a Profused arches, with a thoroughfare undernestin, and crowned with pinnacles. Richman says, that "The whole of the church, except the channel and its adjuncts, is a composition of the greatest barbarity; but the channel is an uncommonly beautiful specimen of Perpendicular work, and the east front is remarkably fine, simple in its arrangement, yet rich from the elegance of its parts and the excellent execution of its details. The interior is equally beautiful, and there are, on the N. side, a monumental chapel and vestry of very good character; but the great feature of the church is the Beauchamp Chapel erected in 1464. It is completely enriched bods within and without; its details of the most elegant character and excellent execution, and in very good perservation. It consists of a chapef, of several arches, and as mall siale, or rather passages, on t racter and excellent execution, and in very good preservation. It consists of a chapef, of several arches, and a small sisle, or rather passages, on the N. side, between the chapel and the church. In the centre of the chapel stands a very rich altar tomb, with the effigies of Richard Beauchamp, Earl of Warwick, whose executors commenced the erection of this chapel, which, however, was not completed until the 3d Edw. IV. There are some other monuments, (including a fine one of Dudley, Earl of Lelesster, favourite of Elizabeth), but others are of much later date, and rather disfigure the chapel than add to its beauty." The living of St. Mary's is a visar-age, in the gift of the corporation of Warwick, worth 2001, a year. The church of St. Nicholas is small and plain; the living, also in the gift of the corporation, is worth 2180, per annum. Other churches formerly existed, of which there are now no remains. The Independents, Friends, Wesleyans, Unitarians, and Baptists, have their respective meeting-houses.

The court-house in the High Street is a respectable stone building erected in 1720. The county hall, a spacious and handsome edifice 94 ft. in length, and 36 ft. in

stone building erected in 1730. The county hall, a spa-cious and handsome edifice 94 ft. in length, and 36 ft. is width, has an elegant stone front supported by a range of Corinthian pillars. In this building the courts of justice are held; and attached to it on the N.side is the co. jail, a large and well designed building, surrounded by a strong wall 23 ft. in height, enclosing nearly an acre of ground. The co. bridewell, in which is a corn-mill, (worked by the male prisoners.) &c., and the market-house, are large and substantial modern structures. It has also a public subscription library and news-room, and a small theatre.

a small theatre.

has also a public subscription library and news-room, and a small theatre.

But the great glory of Warwick is its castle, the seat of the Barl of Warwick, and the most magnificent of the ancient feudal mansions of the English nobility, still used as a residence. It stands on a rock overhanging the Avon, a little to the S.E. of the town. It retains much of its ancient grandeur of appearance, and, uninjured by Time, presents an interesting memorial of by-gone ages. Its foundation is attributed to Ethelfieda, daughter of Alfred, 1915; but no authentic trace now remains of the original building. Casar's tower, 147 ft. in height, supposed to have been built at least 700 years ago, is in a porfect state of preservation. Guy's Tower, 128 ft. in height, and built in 1394, is, also, nearly perfect; it appears to be of a Decorated character; and though very plain, is perhess the most perfect remain of its kind in existence, and curious alike as to composition and construction. The principal entrance faces the B. side of the town, and the approach to it is a broad winding road cut in the solid

WARWICK.

reck. Before the front is a disused most, a stone arch over which has replaced the ancient drawridge. On passing the double gateway, the visiter finds himself in the inner court of the castle, surrounded on all sides by only embattled walls and ramparts. This castle was formerly a strong fortrees; and by means of open flights of stone steps and passages on the tops of the walls there is a line of communication all round the building. The parts of this wast and venerable pile that are occupied by the family are magnificently fitted up, but so as to harmonise, in all respects, with the style and character of the building. The collection of paintings is at once extensive and valuable.

In a greenhouse sitached to the castle is the Warwicz Vars, one of the noblest remains of ancient art. It is of white marble, and of large dimensions, being capable of holding 136 gallons. Its handles are exquisitely formed of interwore vine branches. On the body of the weae are the heads of satyrs, bound with wreaths of ivy, the skin of the panther, with the head and clause besutifully sculptured, and other appropriate ornaments. This most splendid relic was found at the bottom of a lake, at Adrian's Villa, at Tivoli (which see), of which, no doubt, it had formed a principal ornament; and having been purchased by Sir William Hamilton, was consigned by him to his relative the Rarl of Warwick, at whose expense it was brought to England, and by whose liberality is has been placed in a situation where it may at all times of the town are gate, each containing some ancient work with modern additions. Leicester's Hospital, an aucient work with modern additions.

in and near Warwick; and at the E. and W. extremities of the town are gates, each containing some ancient work with modern additions. Lescester's Hospital, an aucient building at the W. extremity of High Street, was originally a half belonging to two guilds, and was converted to its present use by Robert Dudley, Barl of Leloester, for the reception of 12 poor men, chiefly disabled veterans, and for a professor of divinity as master. In 1811, the clear value of the estates with which it is endowed amounted to 2 1000. Per synum. In 1812, the master's the clear value of the estates with which it is endowed amounted to 2,000?. per annum. In 1813, the master's salary was raised from 50½ to 400%. a year, and the number of inmates increased to 22. The college school, originally founded by Henry VIII. as a free grammar-school, and endowed out of the revenues of the dissolved monasteries, is open to all the boys of the town. It has two exhibitions of 70% to each of the universities. Of late years it had fallen into a state of decay; but recently the number of youths educated here has increased, and at present (1842) the school is comparatively prosperous. Here is, also, a charity-school founded and endowed for the instruction of 39 boys and 36 girls; a national school; school of industry, &c., and not less than 60 almshouses. Large funds are vested in the hands of the corporation for distribution among the poor.

funds are vested in the hands of the corporation for distribution among the poor.

The manufactures, which are unimportant, comprise a few descriptions of cotton and woollen goods, a worsted mill, with a ropery, and a brass and iron foundry. There are several large malting houses, and lime, timber, and coal-wharfs, on the banks of the Stratford canal, which comes up to the N. part of the town, and by which it communicates with Oxford, Birmingham, and the Severn. It is within about 10 m. of Coventry, and consequently, also, of the London and Birmingham railway. The Bossed. Rep. says. "The town is thriving, and distinguished by an appearance of respectability and neatness. Trade seems to be rapidly increasing, which may be accounted for in great measure by its proximity to and connection with Leamington, where most of the Warwick tradespeople have shops, and where the chief speciconnection with Leanington, where most of the War-wick tradespeople have shops, and where the chief specu-lators from this town invest their capital." But cir-cumstances have changed materially in the interval. The great increase of Leanington, and its superior advantages, have taken much of the capital and business from War-sich taken to the capital and business from Wargreat increase of Leamington, and its superior advantages, have taken much of the capital and business from Warwick, which it formerly enjoyed, and proportionally depressed the latter. Very few Warwick tradesmen have also shops in Leamington. Warwick is a bor. by prescription: its earliest charter dates from the 45th of Henry III., but it was not regularly incorporated till 1853. Under the Municipal Reform Act, it is divided into 2 wards, and is governed by a mayor, 5 sidermen, and 18 councillors. Quarterly courts of session are held for all offences not capital; a court-teet annually; and there is occasionally a court of record for the recovery of debts under 40t. The bor. has returned 2 mems to the H. of C. since the reign of Edward I., the franchise having been vested, previously to the Reform Act, in the payers of church and poor-rates. Registered electors, in 1849-50, 744. Corporation revenue, in 1847-8, 2,355t. It has a weekly newspaper; and the Warwick and Leamington Banking Company, established in 1834, has its head office in the town. The Leamington Priory Banking Company has also a branch here.

Warwick is conjectured by Dugdale and other writers to have been a Roman station; but there are no proofs of

warwicz is conjectured in Douganie and other writers to have been a Roman station; but there are no proofs of its having existed before the Saxon times. It was in great part destroyed by fire in 1694. Market-day, Saturday. Fairs, twelve times a year; mostly for horses, cattle, and

cheese. (Hist. of Werwick; Bound. and Music. Corp. Rep.: Cooke's Warwick Castle; Private Inform.)
WASHINGTON, (to called in honour of the father of the republic,) a city of the U. States, being the cap. of the Union, and the seat of the general legislature and government, in the federal distr. of Colombia, on the Potomac, here crossed by a wooden bridge, nearly I m. in length, at the confluence of the Anacootia, 210 m. S. W. New York; lat. 389 -35 Mer. N., long. 770 1 487 W. Pop., in 1840, 23,864. "Every body knows," says Capt. Marryatt, "that Washington has a capitol, but the misfortuse is, that the capitol wants a city. There it stands, reminding you of a general without an army, only surrounded and followed by a parcel of ragged little dirty boys; for such is the appearance of the dirty, straggling, ill-built houses which he at the foot of it." (Diary, &c., ill. 1, 2.) But the staple of this statement consists, as might perhaps have been expected, of fiction rather than of trath. The plan of the city is laid down upon a magnificent scale, and though it has not increased so rapidly as was expected, it is now of very respectable dimensions. The streets cross each other at right angles; and are intersected diagonally by ascence, named after the states of the Union. The smaller streets are from 70 ft. to 110 ft. wide, the avenues and streets leading to public places from 130 ft. to 160 ft. wide. Mr. Stuart says, "The entrance to the city by the Pennsylvania avenue, which reaches from the capitol to the President's house, 160 ft. in width, and planted with rows of poplar trees, is magnificent. The city is placed in so fine a situation, and the capitol is so truly an imposing building, that I have seldom been more pleased than with the first view of the seat of the legislature of the U. States." (Stuart's America. 1. 383.) The capitol, the noblest structure in the Union, stands on a hill elevated about 75 ft. above the Potomac, which it overlooks. It is built of freestone, and consists of a centre and two wings, t in diameter, and 60 ft. in height, surrounded with 24 Corinthian columns of variegated native marble. "The seats for the members are conveniently disposed: each member has his fixed place, a chair, and a small desk. The member has his fixed place, a chair, and a small desk. The member has he fixed place, a chair, and a small desk. The member has he fixed place, a chair, and as mall desk. The member has he fixed place, a chair, and as mall desk. The member has he fixed place he specially stand in the space between the desk, which affords sufficient room." (Swart, i. 389.) The senate chamber, in the N. wing, is of the same form, but smaller, being 74 ft. in diameter, and 42 ft. in height. Over the president's chair is a portrait of Washington; and statues of Liberty and History ornament this hall. Underneath is the hall of the supreme court of the U. States; and there are, in the building, 70 rooms for the accommodation of committees, &c. The capitol is surrounded by ornamental grounds, comprising about 22 acres. This magnificent building is add to have cost, in all, the sum of 2,596,500 doils. Opposite the N. front of the building is a column, erected in honour of the officers who fell at Tripoll. The President's house, of freestone, two stories high, with an Ionic portico, is a handsome building. Beside it are four large edifices for the chief departments of government. In the city are the U. States general postoffice, with the patent-office, the arenal, and navy-vard, a city hall, 250 ft. in length by 50 ft. in breadth, hospital, penitentiary, upwards of 20 churches, 4 markethouses, the Columbian institute, a Rom. Cath. seminary, a city library; with medical, botanical, masonic, and many benevolent societies and other institutions. Washington has a large glass manufactory, but its trade is mostly confined to the supply of goods to the government estaa city library; with medical, botanical, masonic, and many benevolent societies and other institutions. Washington has a large glass manufactory, but its trade is mostly confined to the supply of goods to the government establishments and members of Congress, Alexandria, lower down the river, being more conveniently situated for carrying on foreign trade, of which it has a considerable share. Exclusive of several large taverns, the city recently had 4 banks, an insurance company, and 10 printing-offices, from which 3 daily and several weeky newspapers were issued. Its suburb, George Town, to the W. of the city, from which it is separated by a narrow creek, across which are numerous bridges, had, in 1840, a pop. of 7,312; most of its houses are of brick, and it is a thriving town with a considerable trade. The Ohlo and Chesapeake canal terminates in George Town, and the city is united to Annapolis by a railway. Mount Vernon, the seat of Washington, the founder and father of the republic, on a bank above the Potomac, is situated about 15 m. from the capital. It continues much in the state in which it was left by its illustrious owner. The remains of Washington, who died on the 11th of December, 1800, are deposited in a vault in the grounds.

Vol. II

Washington was made the seat of the U. States government in 1800; it sustained a good deal of injury from the

Washington was made the sent of the U. States government in 1800; it sustained a good deal of injury from the British in 1814, more, perhaps, to the discredit of the latter, than to the loss of the American; but not a trace is now visible of these injuries. (Excyc. Amer. and American Almanac, 1843; Encyc. of Geog., American edit.; Stauri; Dovempori's Gazztieer, &c.)

WATERFORD, a marit, oo. of Irelaud, prov. Munster, having S. St. George's Channel; E. Waterford Harbour, by which it is separated from Wexford and Kilkenny; N. Tipperary; and W. Cork. Area 471,281 acres, of which 118,034 are unimproved mountain, with but little bog. Though generally coarse, there is a considerable extent of fine land in this co., particularly in its S.E. quarter, and the mountains afford good pasturage for cattle. Estates, for the most part, very large; the largest, which belongs to the Duke of Devonshire; a managed on the most liberal principles, and greatly improved. Here, indeed, and generally throughout Ireland (and, we believe, that the same thing may be truly affurmed of England), tenants and occupiers on large estates are decidedly better off than those on the smaller class of properties. This is the principal dairy co. of Ireland. When it was visited by Mr. Young, not i-30th part was under the plough. (Town is Ireland, 40 ed., 289.) The proportion in tillage is now, however, much larger. This has principally arisen from the vicious custom of dividing farms. "In this co.," says Mr. Wakefield, "when the eldest daughter of a farmer marries, the father, instead of giving her a portion, divides his farm between himself and his son-in-law; the next daughter gets a half of the remainder; and this division and subdivision is continued as long as there are daughters to be disposed of. The sons are left to shift for themselves the best way they can." (1.280.) Some of the dairy farmers are in easy circumstances; but the condition of the tillage farmers and cottlers is much the same as in other parts of Munster. Some very material impr the contiguous cos. Improved swing-ploughs, made of iron, drawn by two horses driven by the ploughman, are now become very general. Land is kept cleaner; there now become very general. Land is kept cleaner; there has been a very great increase in the quantity of lime, used as manure; green crops are more attended to; and the quantity of wheat raised within these few years has been more than doubled; while there has been a decided failing off in the production of oats. There has also been a large increase of the exports of butter and bacon. Average rent of land, 15s. 2d. an acre. The minerals, which comprise copper, iron, &c. are but little wrought, and are unimportant; which, also, is the case with manufactures: a considerable cotton manufacture has, however, been established at Portlaw, and some glass is made in Wastrford Principal rivers, Blackwater, Suir, and Bride. Wastrford is divided into 7 baronies, and 74 parishes; and returns b mems. to the H. of C.; being 2 for the co., 2 for the bor. of Waterford, and 1 for Dungarvan. Registered electors for the co., in 1849-50, 321. In 1841, Waterford had 28,345 inhab. houses, 23,878 families, and 195,187 inhabs.; of whom 93,576 were males, and 100,181 females. and 100,611 females.

WATEFORD, a city, parl. bor., and sea-port of Ireland, prov. Munster, on the æstuary of the river Suir, about 10 m. from the sea, and 82 m. S. S. W. Dublin, lat. 52° 13' N., long. 7° 10' W. It is a co. of itself, comprising 10.059 acres, but is locally situated near the W. extremity of the co. of Waterford, of which it is the cap.

co. or Waterrora, or which it is the cap.
In 1841, the pop. of the co. of the city amounted to
29,286, and that of the city itself to 23,216. The Boundary Act made no change in the limits of the parl. bor.,
which embrace the whole co. of the city. The city is
situated on the S., or S.W. side of the river; but a considerable portion of the co. of the city is situated on its
opposite side, the communication between them being siderable portion of the co. of the city is situated on its opposite side, the communication between them being maintained by a fine wooden bridge 832 ft. in length by 0 ft. in width, constructed by an American artist. The quay fronting the river, 1,200 yards in length, is one of the finest in Europe, and is bounded on the land side by a range of well built houses. The other principal streets are the Mall, Bereslord Street, Broad Street, &c.; but the city is very irregularly laid out; and in the older parts the streets are mostly narrow and dirty, with mean thatched houses, or rather hovels, occupied by a very poor and wretched population. In the more modern parts, however, the streets are comparatively broad, and the houses well built and substantial. The co. of the city is divided into 12 parishes, of which 3 are entirely rearal. The cathedral of the see of Waterford (now merged in that of Cashel) is a fine modern building, with an ornamental spire: near it is the bishop's palace, also a handsome modern structure. Here are 3 parish churches, and 4 Rom. Catholic chapels, the largest of which is the cathedral. The Presbyterians, Baptists, Methodists, Independents, and Quakers have, also, their

respective places of worship. Among the public buildings, exclusive of the churches, may be noticed the town hall, chamber of commerce, county and city prisens and court houses, artillery barracks, peniteentiary, cnatom house, St. Reginald's tower, on the quay, an ancient fortress, now a police barrack, &c.

The educational establishments comprises an enadowed classical school, under the patronage of the comporation, which provides a residence and salary for the head master; the College of St. John, a plain but spacious building, provides instruction for candidates for the Rom. Catholic mistrary, preparatory to their enterance into the College of Maynooth; and there are various other public and private schools. Mr. Inglis states that he visited a Catholic schools. Mr. Inglis states that he visited a Catholic schools. Mr. Inglis states that he visited a Catholic school, at which upwards of 700 children were educated by an association of young men, called the "Brothers of the Christian Schools." Here, also, is the Waterford Institution for the Diffusion of Knowledge, with a library and a small musessm. a Literary and Scientife Society in which lectures are delivered, and Agricultural and Hortcultural Societies. In 1849 it had 3 weekly newspapers.

The charitable institutions comprise a Blue-coat School for Protestant boys, founded about 1700, and possessing an estate of 1,400 acres; a Blue-coat Hospital for Protestant plus for the maintenance of 10 poor clergymeer's widows; the Leper Hospital, founded by King John, and now used as an infirmary, is capable of accommodation for 1300, and now appropristed to the reception of females; the Fever Hospital, the first of the kind in Ireland, opened in 1798, and capable of receiving 150 patients; the Lenatic Asylum for the co. and city, a large modern beliding, has accommodation for 117 patients. The union workhouse, opened in 1841, has accommodation for 1,788 inmates. There is also a lying-in hospital, a charitable loun fund, and several orphan societies.

The manufactur

The manufactures of Waterford are unimportant, comprising only a glass work, 3 brewerles, 4 foundries, and several flour-mills; but it is better situated for trade than any other town of Ireland. The harbour is excellent, vessels of 800 tons burden coming up to the quayra. The Suir, which is navigable for barges as far as Clommel, gives it a considerable command of inland navigation, and it is also the principal castropt for the produce brought down by the Barrow and its important tributary the Nore, as well as for the produce which is to be conveyed inland by these channels; its trade is in consequence great and increasing. Its exports of raw produce, including corn and flour, butter, beef, pork, and bacou, hides, tallow, &c., exceed those from any other Irish port, and amount, at present, to above 2,000,000l. a year. The opening of a steam communication between Waterford and Bristol, and other towns, has been of peculiar advantage to the first.

Subjoined is a statement of the quantity and value of the principal articles exported from Waterford during the year ending the 30th April, 1835:—

Principal Articles.		Quantity.		Value.	
Beef Pork Pork Bacon Butter Lard Wheat Oats Barley Plour Cameal Bread Cattle Bread Cattle Bread Cattle Sheep Do. Pigs	tierces berreis flitches cwts. cwts. cwts.	672 — 2,919 — 309,138 — 118,471 — 18,397 — 63,773 — 205,167 — 37,731 — 496,239 — 11,391 — 1,861 — 4,410 — 4,858 — 58,313 —	46r. 26r. 80r. 80r. 20s. 21s. 12s. 14s. 12s. 14s. 14s. 45s.	214 8,024 5,105 518,279 473,884 45,992 66,983 121,900 46,411 397,470 6,792 800 30,570 4,190 102,047	0 0 14 0 8 0 0 0 15 0 14 0 12 0 12 6 0 0 15 0 12 6
	To	tal -		1,818,535	12 6

There belonged to the port, on the 1st Jan. 1850, 183 sailing vessels of the agg. burden of 21,260 tons, and 15 steamers, burden 3,754 tons. Gross customs' duty, the 1849, 119,2691. The management of the port is vested in 24 harbour commissioners, nominated partly by the Chamber of Commerce, and partly by the corporation. Post-office revenue, in 1849, 2,854. Branches of the Bank of Ireland, the Provincial Bank, and the National

Bank of Ireland, the Provincial Bank, and the National Bank of Ireland, have been opened in the town.

Being the place at which Henry II. landed, in 1172, to take possession of his conquests in Ireland, Waterford was early distinguished by marks of royal favora. It appears, however, that the right to send 2 representatives to the Irish H. of C. was not conferred by charter, but rested only on prescription, the practice having commenced in 1374. At the Union, Waterford was authorised to send 1 mem. to the Imperial H. of C., and under the Reform Act she sends #mems. Registered electors, in 1849-50, 1,212. The limits of the municipal

bor. are much less estensive than those of the parl, bor., inc. only 669 acres. Under the act 3 & 4 Victoria, cap. 100s, the city is divided into 5 wards, and is governed by a mayor, 5 other aldermen, and 30 councillors. It has a court of record, which decides pless to any amount; a civil bill sourt for debts from % to 1t%; a court of conscience for debts under 2t; and a mayor's court, for the decision of claims as to wages. Assizes for the co. and city are held here twice a year, and general sessions of the peace 15 times.

decision of claims as to wages. Assises for the co. and city are held here twice a year, and general sessions of the peace 15 times.

It is rather singular, that notwithstanding the increase of its trade, there is a great deal of abject poverty and miscry in Waterford. Some improvements have, however, taken place, both in respect of cleanliness and of the dress of the lower orders. When Mr. luglis was here, whiskey drinking prevailed to a frightful extent; but, thanks to the exertions of Father Mathew, this has been materially diminished. (Parl. Reports; Thom's Almanac; and Private Information.)

WATERIOO, a hamlet of Belgium, prov. Brabant, on the verge of the forest of Solgnies, and on the road from Brussels to Charlerol, 9 m. S. by E. the former. Tals village will be for ever memorable in military history for the great battle fought in its vicinity on the 18th of June, 1815, between the allied army under the Duke of Weilington, and the French, under Napoleon. There is some discrepancy in the statements on the subject, but each army probably consisted of about 70,000 men. The French began the attack between II and I2 o'clock foremon. The object of Napoleon was to defeat the British, or force them to retreat, before the Prussians, who he knew were coming up, could arrive on the field; while that of the Duke of Weilington was to maintain his ground till he could be joined by his allies, when it might be in his power to become the assailant. The attacks of the French were repeated with invincible courage and resolution. At length, about \(\frac{1}{2}\) past 6 o'clock, the Prussians came into the field, with a strong force of from 15,000 to 20,000 men. The English then became the assailants; and though Napoleon brought forward his guard, which had not previously been engaged, it could not stem the torrent, and, having been forced to give way, the whole army got into inextricable confusion, and the rout became universal. The slaughter was enormous. The British lost, besides officers, about 15,000 men killed and w exactly known; but it was not, perhaps, less, in the battle and pursuit, than 30,000 men. All their cannon and baggage sho fell into the hands of the conquerors; and it may, indeed, be said that the French army was entirely

destroyed.

Such was the battle of Waterloo, in which the star of Napoleon set never to shine again ! It is not, however, to be denied that he did all that was possible in the denied that he was placed. He

Such was the battle of Waterloo, in which the star of Napoleon set never to shine again? It is not, however, to be denied that he did all that was possible in the deperate circumstances under which he was placed. He had already defeated and beat back the Prussians; and his only chance of being able to make head against the forces that were marching against him, of awakening the enthusiasm of the French, and paralysing his enemies, depended on his being able to defeat the army under the Duke of Welliagton before it could form a junction with the Prussians. The skill of the British general, and the invincible courage and resolution of his troops, defeated this project; but it was worthy the genius of Napoleon, whose efforts in this "death struggle" were well seconded by his troops, who, though unsuccessful, did all that brave men could do.

WATFORD, a market town and par. of England, co. Herts, hund. Cashio; on the Coine, here crossed by a bridge, 10m. N. W. London. Area of par., including besides Watford 4 adjacent hamlets, 10,480 acres. Pop. of do., in 1841, 5,589; and of the town 3,567. The latter, which is well built, consists principally of a main street, shout I m. in length, on the high road from London to Birubingham. The church, in the centre of the town, a large edifice, consisting of a nave, 3 sisles, and a chancel: it has, at the W. end, a massive embattled tower, 30 ft. in height, surmounted by a small apire rising about 30 ft. higher. It has some fine monuments, especially 2 by Nicholas Stone. The living, a valuable vicarage, worth 730L a year, is in the gift of the Earl of Essex. Here, also, are chapels for Baptists and Westeynan. The educational established in 1641; a national echool supported by subscription, &c:: the funds for the general charities yielded, at the date of lastinguity, an income of nearly 800L a year. Next to agriculture, the chief branches of industry pursued here are the spinning and winding of silk, straw platting, and maiting. In 1838, the control of the second of the control branches of industry pursued here are the spinning and winding of silk, straw plating, and malting. In 1838, there were 2 silk mills at work in the par., which fur-nished employment for 220 hands. There are some very extensive paper mills on the Colne, in the vicinity;

WEIMAR-EISENACH.

905
and Watford is a considerable market for corn, sheep, cattle, and hogs. Its trade in these is facilitated by the Grand Junction Canal, which peases about 2 m. W. of the town, where it is joined by the Colne, which has been rendered navigable to 8t. Alban's. The London and Birmingham Railway has a station immediately to the E. of Watford, near which the line passes through a tunnel 1,330 yards in length. A council of magistrates, and a court of requests for the recovery of small debts, are held in the town weekly. Markets on Tuesdays; and fairs four times a year for cattle, horses, pedlery, and the hiring of servants. Adjoining Watford on the W. is Cashlobury Park, the seat of the Earl of Essex, lord of the manor. The house has a good deal of the appearance of a monastery; it has some good pictures, and a valuable collection of books. (Private Information.)

WEARMOUTH. See Sunderland.

WEDNESBURY, a market-town and par. of England, co. Stafford, hund. Offlow, near the source of the Tame, in the great coal and from district of which Birmingham is the centre, 7 m. N. W. Birmingham. Area of par., 2,190 acres. Pop. of co., in 1841, 11,625. The church, which stands on a hill, and is supposed to occupy the site of an ancient castle, repaired within these few years, is a fine structure, with a tower surmounted by a lofty spire. It has an octagonal E. end, and other portions in the perpendicular style, and within are some exquisitely carved prebendal stalls, and a curious movesble reading-deak. (Bickmass.) The living, a vicarage worth 3002 a year, is in the gift of the crown. Here are chapsle for independents and Wesleyans; a Lancastrian school, supported by subscription; a small endowed school for poor children, an almshouse, and some misor charities. The inhabs. are mostly employed in various branches of the hardware manufacture, especially in the production of the numerous artia small endowed school for poor children, an almahouse, and some minor charities. The inhabs, are mostly employed in various branches of the hardware manufacture, especially in the production of the numerous articles included under the term saddlers' ironmongery, with nails, hinges, edge-tools, and cast-iron works of almost every description. Enamel painting is also extensively carried on; and it has a soap manufactory, which produced, in 1899, 2971,221 lbs. hard soap. A valuable potter's earth is obtained in the vicinity; in which are also, averal corn wills. A branch of the which are, also, several corn mills. A branch of the Birmingham Canal approaches within a short distance of the town on the one hand, and the Grand Junction Rail-way on the other. The local authority is vested in a constable chosen at the manorial court, held here an-

constance croseen at the manorial court, need nere annually; a court of requests is opened occasionally, for the recovery of debts under M. Market-day, Wednesday; fairs, twice a year, for cattle and pediery.—
WEIMAR-EISENACH (GRAND DUCHY OF SAXE), a state of Ceutral Germany, the most important of the minor Saxon states, consisting of several detached of the minor Saxon states, consisting of several detached portions of territory, inclosed on different sides by the dominions of Prussia, Hesse-Cassel, Bavaria, the kingdom of Saxony, the duchies of Coburg, Melningen, &c., the capbeing in lat. 50° 50° 12" N. long. 11° 21° R. Total area estimated at 1,416 sq. m. Pop., in 1849, 261.694, all Protestants, except about 10,30° R. Cathis, and 1,450 Jews. The principality of Saxe-Weimar is subdivided into the circles of Weimar-Jena, and Neustadt; that of Eisenach in the W. Gerns a circle of tigel. The greater part of the courter. except about 10,300 ft. Caths., and 1,430 Jews. The principality of Saxe-Weimar is subdivided into the circles of Weimar-Jena, and Neustath; that of Eisenach in the W. forms a circle of itself. The greater part of the country belongs to what is called the Thiringerwoid, or Thuringian forest, and to the basins of the Elbe and Weser; its principal criest, and to the basins of the Elbe and Weser; its principal cross being the Ilm, Saale, White Elster, and Unstruct. Agriculture is the principal occupation of the inhabs.; the soil, consisting of a clayey loam apon a calcareous basis, is moderately fertile. Owing to the minute subdivision of the land the occupiers are for the most part poor. Mr. Jacob says that they live harder than day labourers, and that, despite their industry and economy, they are unable to increase their resources. View of Germany, 329.) The country had not then, however, fully recovered from the devastation produced by the late war, and it is now a good deal improved. In the vicinity near Weimar the soil is a rich black mould, producing, notwithstanding its defective culture, very superior crops. The villages in this part of the duchy are thickly placed and populous, but, in consequence of the smallness of the farms, there is a great scarcity of cattle. Of late years, however, the rearing of cattle has been a good deal more attended to; and the stock of sheep has been greatly increased in consequence of the ready and advantageous market for wood afforded in England. Game is extremely plentiful; and the woods comprise about one million Prusaian secrets of land. Most of the peasants' houses are bulk of timber.

Coal and salt are both raised, the former in no great quantities, but the production of the latter, at Kreitsburg, may amount to 1,100,000 lbs. a year. Iron and maganese are the chief metallic products. Manufactures are not very important: woollen cloths, carpets, hosiery, linen stuffs, iron, hardware, and tohacco-pipes, are the principal products. There are a good many breweries and disti

The government is a limited monarchy; and the royal

family of Weimar took the lead in Germany after the peace, in introducing a free representative system into their dom. The constitution dates from 5th May, 1816,

samily of Weimar took the lead in Germany after the peace, in introducing a free representative system into their dom. The constitution dates from 5th May, 1816, and is certainly one of the most liberal in Germany. "The ministure parliament forms only one house, for it consists of only 31 mems.; 10 are chosen by the proprietors of estates-noble, 10 by the citizens of the towns, 10 by the peasantry, and 1 by the university of Jena. The last is elected by the Senatus Academicus; and, besides being a professor, must have taken a regular degree in the juridical faculty. At the general election, which occurs every 7th year, not only the representatives themselves are chosen, but likewise a substitute for every member, that the representation may be always full. The 10 mems. for the nobility are chosen directly by all the possessors of patents of nobility, or estates-noble. Even ladies in possession of such estates have a vote; but if unmarried, they must vote by proxy.

"In the representation of the towns and peasantry, the election is indirect. The towns are distributed into 10 districts, each of which sends 1 mem. In these, every resident citizen has a vote, without distriction of religion; even Jews possess the franchise, though they cannot be elected. The whole body of voters in a town choose a certain number of delegates, in the proportion of 1 for every 50 houses the town contains, and these deputies elect the mem. for the district. The mem. for a district of towns must have a certain independent income of about 754, sterling, if he be elected for Weimar or Elsenach, and 484. If chosen to represent the towns of any other district. The election of the 10 representatives must belong to themsetives; they are not allowed to take them from the higher classes of anded proprietors, which they certainly would have been easily brought to do, had it not been expressly problited. Neither brothers, nor father and son, are capable of sitting in the chamber at the same time. The parliament elects its own president, whose el The powers of the chamber extend to all the branches of legislation, and its consent is indispensable to the validity of all legislative measures. The majority of voices determines every question. The mems. have full privilege of parliament; their persons are inviolable from the commencement till eight days after the close of the seasion: they are secured in liberty of speech, and legal proceedings cannot be instituted against them without the consent of the chamber." (Russell, 1. 111.—117.)

them without the consent of the chamber." (Russell, 1. 111—117.)

The ministry is in three departments, those of justice, finance, and public instruction. There are courts of primary jurisdiction in the principal towns, and courts of appeal in Weimar and Elsenach, in which, with Weida and Dermbach, are also criminal courts; all having appeal to the supreme court of Jena, which is also the supreme tribunal for the States of Saxe-Coburg, Meiningen, and Reuss. According to Berghaus, public education is no where in Germany so widely diffused, and so well attended to, as in Saxe-Weimar. In 1830, 38, 285 children were receiving public instruction.

public education is no where in Germany so widely diffused, and so well attended to, as in Saxe-Weimar. In 1830, 33,285 children were receiving public instruction. According to the budget for 1839-41, the revenue of the Grand Duchy amounts to 773,093 thaters, and the expenditure to 664,788 do.: the public debt amounts to 3,500,000 thalers. The contingent to the army of the Confederation consists of 2,100 men, all persons being liable to service from their 30th to 25th year. Saxe-Weimar holds the 15th place in the Confed.; having one vote in the full Diet, and with Saxe-Coburg, Melningen and Altenburg, one in the Committee.

WEIMAR, a city of Central Germany, cap. of the above Grand Duchy, and the usual residence of the Grand Duche, on the Ilm, an affluent of the Saale, 104 m. W. by S. Dresden, 116 m. S.E. Hanover, and 126 m. S.W. Berlin. Pop. in 1848, 11,212. The city, which is partially surrounded with walls, though irregularly laid out, has several good and clean streets, and handsome houses; and deserves to rank with German towns of the second order. The Ilm, which flows along its E. side, is crossed by 8 bridges; it traverses the centre of the ducal park, the chief promenade of the inhabs.; and has on or near its W. bank, the ducal palace and mews, the ridinghouse, rothe schloss or red castle, public library, and veveral other public buildings. The ducal residence is a good building, and is tastefully furnished; but comfort rather than magnificence was the object of the late Grand Duke, by whom it was built. The town church has a large organ; an altar-plece of the Crucifixion, by Luke Cramach, in which are introduced portraits of his friends Luther and Melancthon, and of himself; and asonuments to Herder, and numerous members of the

WELLINGTON.

ducal family interred here. In the park is a handsome temple containing some beautiful arabeequees, and a portrait by Angelica Kaufiman. An avenue from this premende conducts to the Belvidere, a summoer palace of the Grand Duke, about 2 m. distant.

If Dreaden be the Florence, Weimar was once fairly entitled to be called the Athens of Germanny; having been the residence of Wieland, Schiller, Göethe, Herder, &c., invited thither by the late Grand Duke. Göethe and Schiller are buried in the new exmestery, one or each side their patron. During their super-intendence, the theatre at Weimar was among the most celebrated is Germany; and its opers is still very well conducted ass supported, the inhabs. of the city being great lowers of music. The grand ducal library holds a high rank, and has \$6,000 printed vols., besides MSS. (Statist. Journal, 1941.) It is open to the public, who are even allowed the use of the books at their own houses. In this library are some fast busts, and some paintings by A. Durer. One of the principal objects of notice in Weimar is the Landia-Jodeshielment, in which a great number of persons are employed in translating such foreign works as are likely to be read in Germany; "and such is the rapidity with which this office is performed, that frequently the translation of a book published in London at the beginning of one month is in full circulation by the end of the same month throughout Saxony, and the independent states of Germany, from the press of the Industrie-Computor." (Gramwille Traw, 1, 222.) From this press issues the Weimar are inconsiderable: a few woollen and linear cloths, irunware, paper, and beer are the principal products. The town has some trade in corn and wool. Weimar was the birth-place of Kotsebue. (Berghaus, Alle, Länder, &c., iv.; Stein's Handb.; Russell, Jacob, and Gramwille's Traw, &c.).

WELLINGBOROUGH, a market town and par. of England, eo., Northampton, hund. Hamfordaboe. ex she

bown has some trace in cort and and the control of the place of Kotsebue. (Berghaus, Allg. Lämeler, &c. iv.; Stein's Handb.; Russell, Jacob, and Gramesik's Trav. &c.)

WELLINGBOROUGH, a market town and paer. of England, co. Northampton, hund. Hamfordaboe, on the slope of a hill, 10 m. E.N.E. Northampton. Area of par. 4,490 acres. Pop. of do., in 1841, 5,061. The town, which was a place of some consequence in the time of the Saxons, consists principally of four streets, meeting in a market-place. The houses are built of red sandstone, and the town having been almost wholly destroyed by a tremendous fire in 1738, has now a comparatively modern appearance. The church, a large edifice, with a tower and spire, is, like most churches in this co., of a mixed style. It is, however, richly decorated with carved work; in its E. window is some stained glass, and on each size of the chancel are three stalls like those in exthedral choirs. The living, a vicarage worth 400£ a year, is in the gift of — Vivian, Eaq. Here, also, are plasses of worship for Baptists, Frienda, Wesleyans, &c. The free school, founded by Edward VI., has an income of 112£ a year, and is open to all boys belonging to the parish. The number varies from 13 to 20, who are taught Latin gratis, but who pay 1£ 1s. a quarter for English, writing, and arithmetic. The governors are the trustees of the town estate; the right of appointing the master and under is vested in the inhabs, paying taxes. (Digest of Charity Reps.) The town estate, yielding an income of 350£ a year, parily supports the free school; and the suher's salary, with a charity school for the primary instruction of 50 children, is partly dependent on Flater's endowment of 137£ 10s. a year. There are several charities for supplying bread to the poor, &c. The manfacture of boots and shoes was carried on very extensively in this town during the war, and, though fallso off, still continues to be its staple business. The commarket, on Wednesdays, is considerable.

Wellingborough derived its name fro

market, on Wednesdays, is considerable.

Wellingborough derived its name from the wells or mineral springs around it, which formerly enjoyed such celebrity that, in 1626, Charles I. and his queen resided here in tents for a considerable period that they might drink the waters pure from their source. The co. magistrates hold petty sessions for the div. weekly in the townhall. Faira, Enster and Whit Wednesday, and Oct. 29, for live stock and cheese.

WELLINGTON, a market-town and par. of England, co. Salop, head of a div. of Bradford hundred, on the ancient Watling Street, 10 m. E. Shrewsbury. Area separt, which, besides the town, includes 6 townships, 7,300 acres. Pop. of do., in 1841, 11,039. The town consists mostiy of narrow streets; but, of late years, these have been lighted with gas, and otherwise much improved, and are mostly lined with well built houses. The par. church is a handsome structure of freestone with castion pillars, the window frames being also of from. The living, a vicarage conjoined with the rectory of Eyton, worth 362. a year, is in the gift of — Byton, Eq. (Ecci. Rev. Rep.) Here are several dissenting place of worship, free and national schools, and some alms-

WELLS.

907

houses and several minor charities. Near the town are some chalybeate and sulphureous springs, frequented by visiters. Most of the inhabs. of the para are employed in working coal and iron mines, and limestone quarries; and there are in the par. many smelting furnaces, wrought by machinery, with nail-works, glass-works, &c. Malting and some trade in timber are also carried on. The town is governed by a mayor and 2 constables, appointed annually at a mayor lat court, who hold petty sessions weekly, and a court of record for debts under 20f. at specified times. Market-day, Thursday, Fairs four times yearly, for cattle and stock.
Wallington, a market town and par. of England, co. Somerset, hund. Kingsbury West, on the high road from Bath to Exeter, 46 m. S.W. the former. Area of par. 4,630 acres. Pop. of do. m 1841, 5,585. The town is regularly laid out, and has been mostly rebuilt during last century: it principally consists of two spacious thoroughfares, crossing each other at right angles, the main street being about 4 m. in length. The church at the N. entrance is a handsome structure of mixed architecture, 110 feet in length, and 50 feet in breadth, comprising a nave, chancel, two aisles, and two small chapels. At its W. end is a fine embattled tower, 100 ft. in height, crowned with a turret and pinnacles. Within are several monuments, including a magnificent tomb in honour of Sir John Popham, chief justice of England in the reign of Elizabeth and a great benefactor of the town, and a new altar-plece ranking among the finest in the W. of England. The living, a very valuable vicarage worth 8944, a year, is in the gift of W. P. Thomas, Eq. A very elegant chapel-of-case, of Grecian architecture, has been erected at the S. extremity of the town by the Rev. N. P. Thomas; and there are chapels for Baptists, Independents, Wesleyans, and Friends, the latter being here a very numerous sect. Several schools are attached to the various meeting-houses, and there are endowed almshouses for both sexes, founded by Sir John

with some minor charities. A new market-house, over which is the town-hall, was crected in the centre of the town in 1852.

Wellington had formerly a flourishing manufacture of woollen goods, but it is now much fallen off. It still, however, produces druggets and serges, and has a small manufacture of earthenware. In 1838 there were in the par. three woollen mills at work, furnishing employment o 388 hands. The corn market on Thursday is large and well attended. The Bath and Exeter railway will, when completed, pass close to the E. of the town. Wellington is governed by a balliff and subordinate officers chosen at the annual manorial court.

This town enjoys the distinction of having successively conferred on Arthur Wellesley (3d surviving son of the 2d Earl of Mornington), the greatest of English generals, the titles of Viscount, Earl, Marquis, and Duke. An obelisk upwards of 120 feet in height has also been erected, in honour of the illustrious duke, on a lofty hill about 3 m. S.E. from the town. (Beautics of England and Wales, art. Somerset; Priv. Inf.)

WELLS, a city, and a parl: and mum. bor. of England, co. Somerset, hund. Wells Forum, at the S. foot of the Mendip Hills, 17 m. S.W. Bath. It is situated in the centre of the large par. of St. Cuthbert, which contains numerous hamlets, and has an area of about 14,000 acres, with, in 1841, a pop. of 4,607. The panl. and mum. bor., which are now co-extensive, do not, however, include the whole par. of St. Cuthbert, but comprise only the old city, the liberty of St. Andrew, and some additional portions, having, in 1831, a pop. of 4,608. The city consists mostly of four principal streets, named from the four verderies into which it is divided. They are well paved and lighted, and have many good houses. The cuthedral, at the E. extremity of the city, is not only one of the most perfect in its original plan, but is more complete as respects its appendages than any other in the city is well supplied with water. The great objects of interest in Wells are its fine ec in breadth, is flanked by two smaller towers, each 130 ft. in height: the total length of the church, from E. to W., is about 280 ft.; its breadth, 131 ft. "The situation of this edifice and the adjoining palace is beautiful; and though no whole side, except the W. front, is visible in any one view, the cathedral is well displayed from several points, particularly the north-west. As at Peterborough, the palace and several other buildings adjoin the cathedral, and add much to its general appearance. The character of a large portion of the building is early English, with portions of the two later styles, which are very beautifully accommodated in their forms to the older parts. The nave and transepts, and part of the towers,

are early English; the W. front is remarkably rich in niches and statues, and not less so in shafts and other small ornaments appropriate to the style. The lower parts of the sides of the western towers are similarly enriched, but the whole of the remaining exterior of the building is rather plain than otherwise; the upper parts of all the towers are much later than the lower, and much accommodated to the earlier portions as to lines and forms. The eastern part of the cross and the chapter-house are of decorated character, and remarkably elegant. The cloisters are perpendicular: the nave and transepts, and a north porch out of the nave, present an early English arrangement very remarkable for simplicity and elegance. There are various excellent portions of stone screen-work, chapels, and monuments, and some stained glass, the effect of which is peculiarly good. This cathedral is very rich in details of the best as well as the most singular kinds, and, in point of composition, some of its best parts yield to no edifice in the kingdom. The bishop's paiace, though it has been altered, and, in some parts, much modernised, contains some fine portions, an early decorated chapel, and some parts of earlier date. Taken altogether, the palace is one of the most valuable remains in the kingdom. The gates and other buildings in the precincts of the cathedral deserve careful examination." (Richman.) Wells was first erected into a bishop's see in 908. In the 18th century it was united to the abbey-church at Bath; but the writ of congé d'étire for the election of the bishop is still addressed to the dean and chapter of Wells. The chapter consists of a dean and 6 other canons, 4 priest-vicars, and 42 prebendarics. Wolsey and Laud were bishops of this see. St. Cuthbert's church is a handsome perpendicular edifice; but its principal feature is its tower, one of the finest of the kind. The living, a vicarage in the gift of the dean and chapter of wells.

The chapter consists of a dean and 6 other canons, 4 priest-vicars, and 42 p Engand. I ne trade of the place is mostly, however, confined to the retail supply of the inhabs. The West of England and South Wales District Bank has an office in the city. The earliest charter of Wells dates from the 3d of John; but the governing charter, previously to the Mnn. Reform Act, was granted by Elfasheth. By the last-mentioned statute, the town is governed by a mayor, 3 other aldermen, and 12 counciliors. A court of quarter sessions, the jurisdiction of which is confined to cases of misdemeanour, is held 4 times a year; but it is merely a matter of form, all trials being referred to the co. assiso-court, and the court of record has also failen into disuse. The co. assises are held alternately here and at Taunton. Corp. rev., in 1847-8, 1,6354. Wells has returned 2 mems. to the H. of C. since the reign of Edward I.; the right of voting, down to the Reform Act, having been vested in the mayor, masters, burgesses, and persons admitted to the freedom of the city, which was obtainable by birth, marriage, or apprenticeship. Registered electors, in 1842-50, 881. It is also a polling-place for the B. division of the co. Markets, Wednesday and Saturday; and every fourth Saturday a large market for corn, cattle, and cheese. Fairs five times a year, mostly for cattle, horses, and pediery. (Parl. and Mass. Boand. Reps.; Mass. Corp. Append.)
WELLS, a sea-port town and par. of England, co. Norfolk, hund. N. Greenhoe, on a small creek, about 1 m. from the sea, 23 m. N.W. Norwich. Area of par., 2,250 acres. Pop. of do., in 1841, 3,504. The town consists principally of two streets, only partially paved. The part, church, a spacious edifice built mostly of flint, with a lofty embattled tower, has some curious sculpture and paintings. The living, a valuable rectory, being worth 7854. a year, is in the gift of — Hopper, Esq. Here are several dissenting chaples: a free school for 60 poor children, supported by a part of Ringar's endowment in 1678 of 1904. a year, and other endowed charities to the amount of 664. a year

WELSHITOUL.

Digest of Charsiys Reps.) It has a neat thestre, a subscription library, &c. The harbour of Wells is indifferent, and apt to be choked up with shifting sands; but it has been considerably improved of late years, through the exertions of the harbour commissioners.

The principal trade consists in the shipment of corn and malt, and in the import of coals, timber, &c. There belonged to the port, in 1841, 38 vessels of less than 50 tons burden, and 27 of more than that amount, the aggregate burden of the latter being 2,313 tons. Gross customs duty received at the port in 1840, only 595f. The overser-fishing gives employment to a considerable num-

gragate burden of the latter being 2,213 tons. Gross customs duty received at the port in 1840, only \$661. The opsier-fashing gives employment to a considerable number of persons. Petty sessions for the hund. are held once a fortnight, and courts leet and baron once a year. Fair, Shrove Tuesday. The races formerly held at Wells are now discontinued. (Parl. Rep., \$c.)

About 3 m. W. from the town is Holkham, the magnificent seat of the Earl of Leicester; and the country in the vicinity affords some of the best specimens of what is called the Norfolk system of farming.

WELSHFOOL, a parl. and mun. bor., market town, and par. of Wales, co. Montgomery, hunds. Pool and Caurse, on a branch of the Ellemere canal, about § m. W. from the Severn, and 16 m. W. Shrewsbury. Pop. of ar., in 1841, 4870. The parl. bor., which was formerly much larger, may now be considered as nearly co-excensive with the par.; but the mun. bor. Is of much smaller extent. It is principally in a hollow, but partly also on the accellvity of an eminence leading towards Powys park and castle, a little S. from the town, but included within the parl. bor.; it is well lighted with gas, and consists of one long and wide street, intersected by others of smaller dimensions, all well paved, and well supplied with water. The houses, which are of brick, have an unusual degree of regularity for this part of the country, the town being, on the whole, neat, cheerful, and English looking. The church of St. Mary, rebuilt in 1774, is a spacious edifice, in the pointed style, with a lofty square tower: it is situated at the base of an eminence, on which is the churchyard, which in some parts overtops the church, and commands a fine view of the nence, on which is the churchyard, which in some parts overtops the church, and commands a fine view of the town and adjacent country. The living, a vicarage in the gift of the bishop of St. Asaph, is worth 373.4. a year net. A new and handsome church on the W. side of the town A new and handsome church on the W. side of the town has recently been erected on a site given by Lord Powys. Here, also, are places of worship for Baptists, Independents, Calvinists, and Wesleyans. The co. hall, in the centre of the main street, is a handsome brick building, with a colomade. The co. hall, on the second floor, is 64 ft. in length by 25 ft. in breadth, and 18 ft. in height.

is 64 ft. in length by 25 ft. in breadth, and 18 ft. in height. Underneath is a spacious corn market and a court room for the co. assires. A national school for both sexes, in which 250 children are instructed, was opened in 1821; and it has, also, a free school with a small endowment, almshouses for eight females, a dispensary, and several charitable bequests for the education of children and the distribution of charity among the poor.

From 1782 to 1834 Welshpool was the chief market in North Wales for the sale of Welsh flannels; but in the latter year the greater part of the trade was transferred to Newtown. The flannel manufacture carried on here is not of much importance: in 1838 two woollen millis were at work in the par., employing together about 30 hands. Flannel markets are still held once a fortnight; but the business is mostly conducted by private sale;

were at work in the par., employing together about 30 hands. Flannel markets are still held once a formight; but the business is mostly conducted by private sales. (Hand Loom Wessers' Rep.; Factory Returns.) Malting is carried on to a considerable extent, and there are several rather large tanneries. The Severn is navigable to within a short distance of the town; and by means of the Ellesmere canal it communicates with the Birmingham and Chester canal lines. Under the Mun. Reform Act the town is governed by 4 aldermen and 12 councilors; it has a commission of the peace, petty sessions for the hund, of Caurse, a court leet, &c., and is, twice a year, the seat of the co. assizes. Corp. rev., 1847-8, 2381.

Welshpool was formerly Joined with Montgomery in the exercise of the elective franchise, but was disfranchised in 1728. Under the Reform Act, however, it has been again reinvested with the franchise, and is united with Lianidloes, Lianifyllin, Machynlleth, Montgomery, and Newtown, in returning 1 mem. to the H. of C. Reg. electors, in the united bors, 1,048. About 1 m. to the S. is Powys castle, the magnificent seat of Earl Fowys. It stands on an elevated site, in the centre of an extensive and finely-wooded park. In 1823 the entire building underwent a thorough repair under the direction of its present proprietor. The principal entrance is a gateway between two massive round towers. It has in front two immense terraces rising one above another, the ascent to the castle being by a vast flight of steps. It is superbly fitted up, and has many fine pictures and works of art, including several pieces of sculpture from Herculaneum. In the vicinity are the Freiddyn Hills, on the loftest of which an obelisk has been erected in honour of Lord Rodney. Market day, Monday; fairs, six times a year. (Parl. Reports; Nicholson's Cambridge Line and Calledon and

WEM, a market-town, par., and township of Bask co. Salop, hund. Bradford, on the Rodem, a tributer the Severn, 11 m. N. by E. Shrewsbury. Area of p 13,330 acres. Pop. of do., in 1841. 4,119. The town of co. Salop, hund. Bradford, on the Rodem, a tribustary of the Severn, 11 m. N. by E. Shrewsbury. Area of par. 13,330 acres. Pop. of do., in 1841. 4,119. The town consists principally of one spacious street, from which swars made a street of the part of the pa

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WENER and WETTER LAKES, two large lakes of Sweden, which see (asste, 732.).

WENLOCK (MUCH or GREAT), a parl, and mensichor, market-town, and par. of England, co. Salop, head. Wenlock, on a small tributary of the Severn, 11 m. S. E. Shrewbury. Area of par. 8,420 acres. Pop. of do., in 1841, 2,487. The parl, bor. is, however, co-extensive with the large district called "Wenlock Franchise." cussisting of 16 parishes, in addition to that of Much Weslock, the whole having, in 1841, a pop. of 19,774. The limits of the old municipal bor, were formerly significal with those of the parl, bor.; but the modern municipal bor, is of much less extent, comprising only the 3 pars. of Davley, Madely, and Broseley; the town of Wenlock itself being altogether excluded. The latter, though an inconsiderable place, and indifferently built, has come handsome residences. It consists chiefly of 2 streets, the houses being mostly of brick. The church, a specious edifice in the Norman and early English style, has a tower surmounted by a spire at its W. extramity. The living, a vicarage worth 1804 a year, is in the gift of Sir W. W. Wynn. It has also a Weeleyan chapel, a free endowed school for 12 boys, alms-houses for 4 womes, and several minor charities. There are extensive limestone quarries in the vicinity, and copper mines, now abandoned, were formerly wrought to a considerable extent. The munic. bor. Is divided into 3 wards, and is governed by 6 aldermen and 12 councillors. It has a commission of the peace, which is opened twice a year; petty sessions once a fortnight, or oftener, if required; and a court of record, also once a fortnight: the last, however, has latterly fallen nearly into disuse. Cerp. rev., in 1847-8, 1,452.

Wenlock received its first charter from Edward IV, under which it sent, in 1478, 1 mem. to the H. of C., but Broseley and Little Wenlock being afterwards added to the bor., it was empowered to return 2 mems., a privilege it has since continued to enjoy. Previously to the Reform Act, the franchise was vested in the freemen of the bor., such freedom being acquired by birth or election. Beg. electors, in 1849-50, 889. Wenlock probably owed its origin to the foundation of a famous abbey, of which the ruins still exist, a little S. from the town. This editor, founded towards the end of the 7th century, was mostly robuilt, soon after the Conquest, in the Norman and early English styles. The entrance from Wenlock was by a strong gateway, one massive tower of which is still standing. Of the church, which dates from 1090, a large portion of the S. side of the nave, the whole S. wing of the transept, several arches on the N., and the founda-

WEOBLY.

Storms of the choir and Lady Chapel remain. The ruins sufficiently attest the former magnificence and splendour of the structure, the precincts of which included an area of 30 acres. Its revenues amounted, at the dissolution, to 401l. a year. Markets, on Mondays; fairs, 5 times a year, principally for horses, cattle, and sheep. (Parl. and Mussic. Bound. Rep.; Music. Corp. Append.)

WEOBLY, a market-town and par. of England, co. Hereford, hund. Stretford, 10 m. N.W. Hereford. Area of par., 3, 160 acres. Pop. of do., in 1841, 907. The town consists principally of one street, having several modern and well-built houses. The church is a spacious edifice, to which are attached 2 or 3 ancient burial-chapels. The living, a vicarage worth 236l. a year, is in the gift of the Bishop of Hereford. A free grammar-school, founded in 1658, affords instruction to 15 boys. Here is also a national school for both sexes, supported by subscription. No particular branch of industry is carried on inthe town, which, indeed, would not have been worth notice in a work of this kind, but for the circumstance of its having sent 2 mems. to the H. of C., from the reign of Edward III. down to the passing of the Reform Act, by which it was disfranchised. It has a market on Thursdays, but this is little more than nominal.

WESEL (Germ. Niederwesce), a frontier and strongly fortified town of Rhenish Prussia, reg. Dusseldorf, circ. Rees, of which it is the cap., on the Rhine, where it receives the Lippe, 20 m. S.C. Cleves. Pop., in 1838, 10,634. (Bergkaus.) It is of high antiquity, and was formerly one of the Hanse Towns. It has some manufactures of cotton and woollen stuffs, leather, and tobacco, with distilleries, &c.: its port is convenient, and packets ply regularly between it and Amsterdam. Its defences have been a good deal strengthened by the erection of Fort Blucher on the opposite or W. bank of the Rhine. (Schreiter, Guide du Khins, &c.)

WESER (an. Visurgis), a river of N. W. Germany, its embouchure being in the North Sea, and

West and Hanover, Brunswick, Oldenburg, &c. are on its tributaries. (Bergkaus; Von Reden; Dict. Géog., &c.)

WEST BROMWICH, a market town and par. of England, co. Stafford, hund. Offlow, on the high road from Birnaingham to Liverpool, 5 m. N.N.W. Birningham. Area of par., 5,880 acres. Pop., in 1831, 15,397 in 1841, 26,121. This, which was formerly an inconsiderable village, has increased rapidly in size and pop., in consequence of its situation in the centre of one of the grand seat of the hardware manufacture. The main street, nearly I m. in length, contains some good houses; but the town is, for the most part, very irregularly laid out, and its proximity to coal-pits, gas, and iron-ance. The old church of All Saints, on an emissace, in the N.E. part of the town, is in a mixed style of architecture, and surmounted by a tower. The living, a perpetual curacy, worth 8662, a year, is in the gift of the Earl of Dartmouth. Christchurch, a handsome Gothic difice, erected in 1829, is a curacy worth 3804. a year. Besides a very fine Rom. Cath. chapel, there are various places of worship for Protestant Dissenters, and a minufacture, and some other schools. The gas-works in this town, belonging to the Staffordshire and Birmaingham Gas Company, are probably the most extensive of any in existence. They supply Birmingham, Bliston, Wedgeburg, and a vast number of other towns and villaged within a radius of 16 m. Here are also some extensive company, are probably the most extensive of any in existence. They supply Birmingham, Bliston, Wedgeburg, and a vast number of other towns and village to that of the deep the co., and 16 the too, and 16 to the oc., and 1849-50, 516. In 1841, Westmeath and 24,002 inhab, houses, 25,693 families, and 1849-50, 516. In 1841, Westmeath and 24,002 inhab, house, 25,693 families, and 1849-50, 516. In 1841, Westmeath and 24,002 inhab, house, 25,693 families, and 1849-50, 516. In 1841, Westmeath and 24,002 inhab, house, 25,693 families, and 1849-50, 516. In 1841, Westmeath and 24,002 inhab, house, 2

Elons of the choir and Lady Chapel remain. The ruins sufficiently attest the former magnificence and splendour of the structure, the precincts of which included an area of 30 acres. Its revenues amounted, at the dissolution, to 401t. a year. Markets, on Mondays; fairs, 5 times a sandwell Park, the seat of the Earl of Dartmouth. The Sandwell Park, the seat of the Earl of Dartmouth. The house is built on the site of a priory of Benedictine monks, founded in the reign of Henry II., of which some triling remains may still be seen. (Park. Reps.; Railway Guide; Beatsties of England and Wales, &c.) WESTBURY, a parl, and munic bor, market town, and par, of England, co. Wilts., hund. Westbury; at the N.W. extremity of Salisbury Plain, 22m. N.W. Sallisbury. The ancient bor, comprised only some portions of the town, but the medern bor, is executionized with the

bury. The ancient nor, comprised only some portions of the town, but the modern bor, is co-extensive with the par, and hund, of Westbury, having an area of 11.340 acres, with a pop., in 1831, of 7,324, and in 1841, of 7,354. The town, which is insignificant and irregularly built, is scattered over a considerable surface, the principal street scattered over a considerance surface, the principal street running nearly N and S. The church, an old cruciform structure, has a tower rising from its centre, and some fine monuments. The living, a vicarage, to which are annexed the curacies of Bratton and Dilton, worth 238. a year, is in the gift of the precentor of Salisbury cathe-dral. Here are several Dissenting chapels, a national dral. Here are several Dissenting chapets, a national school for 40 boys, endowed with 1,000L by a benevolent burgess, who also bequeathed a like sum for the annual clothing of 20 poor women. The town hall, a handsome building, was erected in 1815. Westbury and its vicinity had formerly an extensive woolden roamulacture, and though much fallen off, this branch of industry is still. carried on, there being at work in the par., in 1838, 8 woollen mills, employing altogether 421 hands. (Mills and Factories' Rep.) Some malting is also carried on; and, Vocatorics' Rep.) Some malting is also carried on; and, upon the whole, the trade of the town, such as it is, may be considered in a thriving state. (Munic. Corp. Ap-

pendix.)

The charter by which Westbury was incorporated is not extant; the corporation, by which it has till lately been governed, consisted of a mayor, recorder, and 13 capital burgesses. Westbury returned 2 mems. to the H. of C. from the 27th of Henry VI. down to the passing of the Reform Act, which deprived it of 1 mem. Previously to the Act now referred to, the franchise was vested in the occupiers of 61 burgage tenements comprised by the public of the See selectors in 1845-50, 2010. prised in the old bor. Reg. electors in 1849-50, 310. The bor. court, held annually on the 2d of Nov., is the only court held within and for the bor. The election of the bor. officers appears to be its principal duty. (Munic.

Corp. Append.)
Westbury, though a place of considerable antiquity, is not connected with any historical event of importance.

not connected with any historical event of importance. It has two annual fairs, and a nominal market every Tuesday. (Bound. and Munic. Rep. \$c.). WESTMEATH, an inland co, of Ireland, prov. Leinster, having N. Cavan and Meath, E. the latter, S. King's County, and W. Roscommon, (from which it is separated by the Shannon) and Longford. Area, 386,251 acres, of which 55,982 are unimproved bog and mountin, and 16,334 lakes. Surface agreeably diversified with woods, lakes, streams, hills, and bogs. The substratum being limestone, the verdure of the fields is remarkably fine, and the soil generally excellent. Property in moderate-sized estates. Leases commonly granted for 21 years, and a life. Grazling-grounds extensive. Tillage farms much subdivided, and husbandry, in most respects, similar to that of Meath, which see. Average rent of similar to that of Meath, which see. Average rent of land, 13s. 7d, an acre. Principal rivers, Shannon, Inny, and Brosna. Westmeath is divided into 12 baronies and

C.; viz. 2 for the co. and 2 for the bor. of Kendal and some adjoining districts. Reg. electors for co., 1849-50, 4,099. In 1841, Westmoreland had 10,846 inhab. house, and 56,454 inhabs., of whom 23,313 were males and 28,341 females. Sum expended on the relief of the poor, in 1848-49, 16,299. Total annual value of real property in 1843, 324,5074.

and 56,546 inhabe., of whom 23,213 were makes and 23,241 females. Sum expended on the relief of the poor, in 1843. 334,5078.

WESTPHALIA, prov. containing all the N. portion of the Prussian dominions to the W. of the Weser, leaving N., Hanover; E., the latter, and some of the smaller German States; 3., the latter, and some of the smaller German States; 3., the latter, and the Prussian prov. of the Rhine; and W., Holland. Area. 7,801 m. Pop., in 1846, 1,445,719; of whom 808,534 are Catholics, 632,036 Protestants, and 14,771 Jews. Principal towns, Munster, Minden, Paderborn, Arusberg, Hamm, &c. It is divided into 3 regencies, and these again into 37 circles. Principal rivers, Ems. Weser, Lippe, &c. Surface in the E., N. E., and S., hilly or mountainous; but it is level in the middle of the prov., and in the N. W. adjoining Holland. In some places the soil is very fertile, but there are some pretty extensive marshes and heaths. Most part of this, as well as of the adjoining prov. of the Rhine; is divided into small farms, the occupiers of which live together in villages. The rent is paid cometimes in money, but frequently in produce or services, or both. The occupiers are a kind of copyholders, their lands descending from father to son. (Jasepholicas, and potatoes. It is also productive of borses, eattle, sheep, and hogs. The latter farmish the Westphalian hams, so abundant in our markets, and so excellent. There is also great plenty of game and honey. There are vast beds of cosi, with mines of iron, lead, copper, rock-salt, &c. with salt springs. Manufactures, principally linen, in the production of which 32,331 looms were wholly and occasionally employed in 1837: cottona, hardware, and cutlery, the latter being largely produced at Iserlohn, Dortmund, Hagam, and other places; with places of worship for Presbyterians and Methodiscs; with place

opened here.

The port and corn warehouses are situated a little below the town, on the bay, vessels drawing 18 ft. water coming close to the quaya. Clew Bay has at its mouth Clare Island, on the most northerly point of which is a lighthouse: there are many small islands within the bay, which, in many places, affords convenient and secure anchorage. Gross amount of oustoms' duty collected here in 1849, 14,346L. The shipping belonging to the port is autis inconsiderable.

in 1869, 14,3462. The snipping belonging to the port is quite inconsiderable.

Croagh Patrick, or the Reek, rising 2,499 ft. above the sea, is situated immediately on the S. side of the bay, 4 or 5 m. S. W. from the town. This is not only one of the highest, but also one of the most celebrated, mountains in Ireland, being the spot where St. Patrick is said to have collected the snakes and other veonomous reptiles from all parts of the island, and from which he precipitated them headlong into the sea! An altar or cairn is erected on the summit of the mountain in memory of this grand achievement, and it continues to be a frequent place of pilgrimage and devotion. The view from the summit is very magnificent. The land in the vicinity of the town is divided into very small portions, and the occupiers are, for the most park, miserably poor. Lord Silgo's park or demesse, to which strangers have access, is very flue; but the rest of his immense

wexten is but little removed from a state of nature. (G. Returns; ingits, it. 96., &c.)

Wextorn, a marit. co. of Ireland, prov. Leinste, having on the S. and E., St. George's Channed; on the N., the co. of Wicklow; and on the W., Carlow, Ethemy, and Waterford Harbour, by which it is separate from Waterford. Area, 664,479 acres, of which it, is separate from Waterford. Area, 664,479 acres, of which it, is separate from Waterford. Area, 664,479 acres, of which it, is separate from Waterford. Area, 664,479 acres, of which it, is many mental and bog. Surface, pleasasty diversified; climate mild. Solh either hight or stiff clays. Property in pretty considerable estates: farmas, of various sizes; but there is less of the extreme studdivision of land in his, them in most other brish toos. Dashries somerous, but badly managed; some districts have been long noted for their great crops of barley. Average rest of land lefe. an acre; but, in general, it he too high, and the competition for small patches is carried beyond all reasonable bounds. The berouy of Forth, occupying the S.W. angle of Wexford, differs widely from the rest of the co., and, indeed, from every other district of Ireland. It was settled at a distant period by a colony from Some Wales; and, till very recently, the Welsh language was spoken by every one, and is still understood by the older inhabs. The people are industrious, provident, peacable, and cleanly. The farms are small, running from 10 up to 30 or 60 acres, but those from 30 to 40 are most common. Mr. inglis says, that the land is clean, and well cultivated; that the crops of wheat and beams, both of which are extensively grown, are excellent; and that the improved Scotch plough with two horses is in usiversal use. The farm-houses are substantial, and the cottages clean and comfortable, forming, in this respect, a striking contrast with those in most other parts of the co. Perions of different religious creeds live in this barony harmonlously together. Land here, as in the rest of the co., very

in 1843-00, 932. In 1841, Wextord had 33,507 inhab. nouse, 36,594 families, and 292,633 inhabs., of whom 97,918 were males, and 104,115 females.

WEXPORD, a parl. bor. and sea-port town of Ireland, prov. Leinster, co. Wexford, of which it is the cap., at the mouth of the setuary of the Slamer, on the W. or inner side of Wexford Haven, 67 m. S. by W. Dublin; the 1820 of W., long, 69 39 W. Area of modern part. her. 762 acres; pop. of ditto, in 1841, 11, 282. It is built wholly on the S. side of the river, and consists of a row of houses along the quay fronting the harbour, of a street parallel to the latter, and of numerous cross streets; but, excepting the quay, they are mostly narrow, irregular, Ill-paved, and dirty. A long and poor suburb, principally occupied by fishermen, extends to a considerable distance S. from the town. Of 1,783 houses in the parl. hor. in 1831, 1,139 were slated and 670 thatched. The communication with the country on the opposite side of the harbour is maintained by means of a wooden bridge, which, with its embalm in the Round. Report), having a drawbridge in the centre, and the river being navigable to Enniscorthy. The expense of keeping it up is defrayed by a toll. The public buildings and establishments comprise two Protestant churches, several R. Cath. chapels, two Methedist meeting-houses, the county court house, a large and handsome gaol, a fever hospital, dispessary, inneric asylum, a diocesan school for the see of Ferna, and various other schools; a R. Cath. college, supported by private endowment, a priory, a numery, a public library, chamber of commerce, assembly rooms, club-house, hermety surrounded, were repaired in 1804, but they have since been allowed to go to ruin, and the subarbs extend considerable psychod them. Malting is carried on to a very considerable extent. The union workhouse, opened in 1842, has accommodation for 1,050 inmates.

Wexford Haven is of great extent, and has a fine appearance on a map; but it is shallow, and overing to a

very considerable extent. The union workhouse, opened in 1842, has accommodation for 1,050 inmates.

Wexford Haven is of great extent, and has a fine appearance on a map; but it is shallow, and owing to a bar at its mouth between the two low, long, sandy peniesulas which form its external boundary, it cannot be entered by vessels drawing more than 9 or 10 ft. water, and even these should, with neap tides, have four hours food to enter. But notwithstanding these drawbacks, Wexford, from her situation in a fertile county, and on a river navigable to a considerable distance by harges, and other circumstances, has a considerable trade, and is, in fact, one of the principal secondary ports of Ireland for the exportation of corn, meal, and flour, better of superior quality, provisions, and extite. The value of the exports amounted, in 1836, to 313,186; and is now (1850) estimated at from 450,000t to 500,000t.

Steamers ply once a week between Liverpool and Wexford. Excellent oysters are found in the bay, and the fishing business is carried on to a considerable extent. There belonged to the port, in 1850, 109 vessels of the agg. burden of 8,739 tons, ex. 1 steamer.

Gross customs' revenue, in 1849, 19,56%. Branches of the Provincial Bank, the Bank of Ireland, and the National Bank, have been opened here. Post-office revenue, in 1849, 910%. Two weekly newspapers are published in the bown. A patent silp and a building yard are attached to the harbour, and some little business is done in the building and repairing of vessels and boats.

Wexford has several charters, the first having been granted by the Earl of Pembroke, in 1818. Under the Irish Municipal Reform Act, 3 & 4 Victoria. cap. 106, the corporate body consists of a mayor, bailiffs, free burgesses, and commonalty. The bor. returned 2 mems. to the Irish H. of C. from 1724 down to the Union; and it has since returned 1 mem. to the Imperial H. of C. Reg. elect., in 1849-50, 373. The assisse for the co. are held here, with general sessions in January and at Missummer, special road-sessions twice a year, and petty sessions and a bor. court for debts not exceeding 24. once a week. Market Genesdays and Fridays. Fairs 6 times a year. Market Genesdays and Fridays. Fairs 6 times a year. Market Genesdays and Fridays. Fairs 6 times a year. Sharet of the insurgents, by whom it was evacuated after the battle of Vinegar Hill. The town is possessed of considerable property; but it is let on long leases, at a low rate. (Afficial Returnes and Thom's Afmanac.)

Mir. Inglis says, "There are many good shops in Wexford, and I heard no complaint of the want of trade; the best illustration I can give of the comfortable condition of the people is, that during the two days I spent in the town, I was not once asked for charity." (1.45). WEY Hill. L, a village of England, co. Hants, hund. Andover, within a short distance of the W. verge of Salisbury Plain, 15 m. N. W. Winchester. It is celebrated for its great annual fair, held for 6 or 7 days from the 9th of Oct. This, perhaps, is the larguest fair in the 3. of England for sheep, and is, also, a considerable mart for horses, cheese, and hops. At the fair which began on the 10th of October, 1840

other establishments usual at a watering-place. There is a gaol, but of a very inferior description. Two na-

tional schools have here founded, and among other charitable institutions for the education and relief of the poor is a bequest of 781. a year for the spprenticing of poor children. The town is lighted with gas; but the inferior streets are hedly paved. Facing the sea is the lodge built for the residence of the royal family, by whom the town was frequently visited during the reign of George III. An equestrian statue of that monarch has, also, been erected at the N. extremity of the main street. On the Dorchester road, near the town, are barracks, now occupied as private houses.

Freestone from the Isle of Portland, Roman cement, bricks, tiles, &c. are among the principal exports. Shipbuilding, and rope and sail making are carried on to a small extent. In 1880, there belonged to the port 22 vesels, of the agg, burden of 6,775 tons. Gross customs' revenue, in 1849, 12,5171. Weymouth was of but little consequence till George III. made it his summer readence. Since then it has continued to increase. It is frequented by numerous visitors during the summer season, and a great number of respectable families have made it their permanent residence. The fine sands along the shore, and the gradually increasing depth and purity of the water, render it highly suitable for a bathing place. A raised terrace or esplanade has been constructed round a great portion of its pictureque bay, which const tutes the fashlonable promenade of the inhabs. Races, and a regatta, take place annually in August.

Harbour and Breakvater.— The harbour, which, as already stated, consists of the inlet between Weymouth and Melcombe, as far as the bridge, is narrow, while the bar at its mouth has only 6 ft. water at low ebly and as spring tides do not rise here more than 6 or 7 ft., the port is not accessible to large vessels. There is, however, excellent anchorage in Portland Roads, about 1 m. S. by E. from the town, for ships of any size, in from 5 to 64 and 8 fathoms water. But as these roads are exposed to the E. and S. E. winds, which often (es

mouth.

The stone for the breakwaters is obtained from the quarries on Portland Isle; and as convicts are employed on the works, their cost will be leas than might have been anticipated. Above two-thirds of the small breakwater have been already completed. The foundationstone of the work was laid by Prince Albert, on the 18th July, 1849. It was originally projected by the late Mr. John Harvey, post-master of Weymouth. (See POETLAND, ISLE OF.)

Weymouth and Melcombe, though originally distinct bors, were united in the 18th of Elizabeth; and from that period down to the passing of the Reform Act the

Weymouth and Melcombe, though originally distinct bors., were united in the 13th of Elizabeth; and from that period down to the passing of the Reform Act, the aggregate bor. possessed the privilege of returning 4 mems.to the H. of C.; but the above act reduced the number of mems. to 2: while, at the same time, some additions were made to the boundaries of the old bor. Registered electors, in 1849-50, 694. Under the Municipal Reform Act, the town is divided into 2 wards; and is governed by a mayor, 5 other aldermen, and 18 councillors. It has a commission of the peace, generally held once a year, with jurisdiction over all but capital offences; and a county court, before which 285 plaints were entered in 1848. Corp. rev., in 1847-8, 5111. Markets, Tuesdays and Fridays: fairs, 3 times yearly. (Parl. Reps.; Pris. Inf.) WHELING, a town or city of the U. States, in Virginia, cap. co. Ohio, on the Ohio, at the head of the steam navigation, 50 m. S.W. Pittaburgh. Pop. in 1840, 7,885. It stands in a narrow plain, at the back of which rises a range of steep hills, and consequently is built chiefly in one street along the river. The hills adjacent abound with coal. Besides the usual co. courts, offices, and buildings, Wheeling had, in 1825, 4 iron founderies, 4 steam-engine factories, numerous woollen and cotton mills, glass-house, flour and paper mills, and manufactures of copperas, white lead, tobacco, leather, &c. About 34,000 tons of coal a year were then supposed to be consumed in its various factories, and 20 steam-boats were owned in the town, many of which, as well as keel-boats and barges, were built at Wheeling. (Encyc. of Grog., Amer. Alin., Amer. Alinemac.)

Will TBY, a parl bor, and sea.port town of England, N. riding co. York, liberty of Whitby Strand, atthe mouth of the Eak here crossed by a swing iron bridge, erected

about 16 years ago, instead of an old drawbridge, 42 m. N.N.E. York. Lat. of lighthouse, 34° 30' N.; long. 0° 37' W. Pop. of parl. bor., which includes the townships of Whitby, Ruswarp, Hawkser-cum-Stainsacre, in 1831, 0,399, in 1841, 9,892. It is built along both banks of the Bak, the direction of which, from S. to N., determines that of the town; but, as the level ground by the river is of vesy limited dimensions, the buildings on both sides are carried up its banks, which, on the E. side, are especially precipitous. The houses, partly of stone and partly of brick, in the lower part of the town, are closely packed together, and the streets are for the most part narrow, while those on the banks are inconveniently steep; they are, however, well paved and lighted with gas, and some new streets on the W. side of the town are comparatively handsome; and since the new bridge was erected, the streets leading to it and to the pier have been widened, and the lower part of the town much improved. The more opulent inhabs, have residences in the environs, which are beautiful and romantic. The church is inconveniently situated on the top of a cliff nearly 200 ft. above the sea, on the E. side of the town, the ascent to it being by a flight of 190 stone steps; but a spacious proprietary chapel was, about 60 years ago, constructed in the lower part of the town. The living, a curacy in the gift of the Archbitshop of York, is worth 2001, a year nett. It has also places of worship for Methodista, Quakers, Presbyterians, independents, Rom. Catholics, &c. Among the educational and charitable institutions may be mentioned, Lancastrian schools for children of both sexes; two infant schools; a seeman's hospital, for 42 widows and their children; a dispensary, established in 1786; a large workhouse, and several minor charities. The public buildings include the town-hall, erected in 1788; a building with public baths and apartments for the subscription library, and the literary and wealthy sea-port." (Bossad, Report.)

The harbour is

in 1841. The manufacture of sali-cloth, cordage, &c., is also carried on.

Whitby is principally indebted for its rise to the alum works in its vicinity, commenced in 1895: the exports of the alum, and the import of the coal required in its manufacture, giving birth to a considerable trade. This, however, is by no means so extensive as formerly. There are no alum works now very near to Whitby. Sandsard and Kittleness works, belonging to the Marquis of Normanby, are from 3 to 5, and the Peak works 8 m. off. The shipments of alum amounted, in 1841, to 3,237 tons; and in 1840, to 2,747 do. There belonged to the port in 1850, 286 ships of the aggregate burden of 60,455 tons. Several of these ships were formerly employed in the N. whale fishery; but this having declined, the shipping belonging to the port is now principally employed in the Baltic, American, and E. Indian trades. Most part of the large ships sali from London, Bristol, Liverpool, and Hull. Gross customs' duty received at the port in 1849, 7,2832. It increased considerably after the establishment of bonding warehouses.

The town is under the superintendence of the magistrates of the N. riding; and a county court is established

The town is under the superintendence of the magistrates of the N. riding; and a county court is established in it, before which 363 plaints were entered in 1848.

The Reform Act conferred on Whitby, for the first time, the privilege of sending I mem. to the H. of C. Registered electors, in 1849-50, 448.

Whitby abbey, which, having been destroyed by the Danes, was rebuilt after the Conquest, appears to have been a magnificent edifice. The ruins, in a commanding situation on the cliff near the church, are of considerable extent, and exhibit different styles of architecture. The neighbourhood of Whitby abounds with natural curloaties. In the alum rocks are found an immense variety of petrified shells, trunks of trees, places of wood, bones of fishes, &c., and several highly interesting specimens of the large marine animals called khithyosaurus

WHITEHAVEN.

and plessesswas, with fossil crocodiles, of which the finest hitherto discovered adorns the Whitby museus, which is particularly rich in specimens of the various organic remains found in the vicinity.

The country about Whitby is highly picturesque, and the beautiful valley of the Esk is also rich in irosstone of superior quality, with an admixture of lime. This has become of late an article of export to the iron works on the Tyne to the extent of from 20,000 to 20,000 tons a year. Freestone of several varieties, for building and engineering purposes, is also extensively exported to the London and other markets on the E. coast, as is also the whistone, (found in the same vicinity.) for the repairing of roads when broken, and paving of streets, when shaped into blocks, for which purposes it is considered superior to granite. It is only since the formation of a railway from Whitby to Pickering, opened in 1826, that these mineral stores have been developed and made available. This railway passes for 26 m. through a succession of varied and highly picturesque senery, affording, perhaps, the most beautiful ride of the kind in the kingdom; and through its medium there is a daily communication (except on Sundays) with York. There are also daily coaches to and from Scarborough and the North. Siece the opening of the railway, the fishery at Whitby has very materially increased. There are several mineral springs in the neighbourhood. Good lodgings may be had in the summer and autumn, rendering Whitby a desirable place of resort, where gaiety is not the only object. Market-day, Saturday. Falra, August 25. and Martlema-day. (Priente Inform.)

WHITCHURCH, a market town and par. of England, co. Hanta, hund Evingar, in div. Kingselere, on the road from London to Salisbury, 12 m. N. Winchester. Area of par. 7, 630 acres. Pop. of do. in 1841, 1741. The town is quite insignificant, and would be wholly unworthy of notice in a work of this kind, were it not for the fact of its having sent 2 mems. to the H. of C., from

A little to the E. of the church, near the London road, are the paper mills, at which the paper for the notes of the Bank of England has been manufactured since the reign of George I. down to the present time.

Whitchurch of Bankoninkstea. a market town and

are the paper mills, at which the paper for the notes of the Bank of England has been manufactured since the relign of George I. down to the present time.

Warreducts, or BLANGENINSTER, a market town and par. of England, co. Salop, hund. N. Bradford, on the borders of Wales and Cheshire, 18 m. N. by W. Shrewbury, Area of par., 15,380 acres. Pop. of do., in 1841, 6,373. The town is built on an acclivity, the summit of which is crowned by the church, a freestone edifice erected in 1722 in the Tuscan order, with an embattled quare tower 108 feet in height. The interior is handsome, and it has a good altar-piece, and 2 recumbent stone figures brought from the ruins of the old church, one of which represents Talbot, Earl of Shrewsbury, celebrated for his exploits in the wars with France under Henry V., and immortalised by Shakspeare in the lat part of Henry VI. The living, a rectory, united with the rectory of Marbury, in Cheshire, is in the gift of the Countess of Bridgwater, and is one of the most valuable in the co., being worth 1,4584, a year nett. Here also are chaptes for Unitarians, Baptists, Independents, Westeyans, &c., and public schools and charittes having an aggregate income of above 9004, a year. The grammar school, which has an income of above 4504, a year, instructs a certain number of boys, free of expense, in classics and mathematics, writing and accounts being paid for separately. The master and usher are allowed 3124, 12x. a year. Objects, &c. of Charity Reps.) Courts leet and baron are held in the town hall by a high steward appointed by the lord of the manor. The inhabs. of Whitchurch are principally engaged in the malt and hop trade, in the manniacture of shoes, and lime and brick making. The Ellesmere canal comes up to the town. Markets on Fridays; fairs, 4 times a year, for farming stock, lines, and hempen and some woollen cloths. (Part. Rep. \$c.)

Will TEHAVEN, a parl. bor. and sea-port town of England, co. Cumberland, about 3 m. N. K. from 8t. Bees bead, and 35 m. S. W. Carlisle; lat. 54°

which the town is situated, is surrounded on the had-side by heights which approach close to the buildings. It is regularly laid out; the streets, which are of con-siderable width, cross each other at right angles, but they are, at the same time, ill-paved and dirty; and though there are many good houses and shops, a con-siderable proportion of the labouring pop, live in ceilar. Among the public buildings are the three churches or chapels of St. Nicholas, St. James, and Trinity; the first erected in 1693, the second in 1752, and the third in 1715; the livings, which are perpetual curacies, work

WHITI
respectively 182., 2001, and 2501., are in the gift of the
Earl of Lonsdale, on whose estate the town is built.
Here also are chapels or meeting-houses for Methodists,
Presbyterians, Anabaptists, Rom. Catha, &c. The educational establishments comprise a marine school for 60
boys, erected on ground given by Lord Lonsdale, and
endowed by a citizen of the town; a national and an
infant school, &c. It has, also, a theatre, erected in
1769, a subscription library and news-room, a customhouse, market-house, an infirmary, a dispensary, cold
and hot baths, &c. There are dry docks and patent silps
for the building of ships, which is carried on to a considerable extent; and there are considerable manufactures of sail-cloth and cordage, copperas, tohacco-pipes,
&c.; with a small soap-work and iron and brass founderies. It has also two weekly newspapers, and two joint
stock banks.

The harbour, formed by plers, constructed at different

siderable extent; and there are considerable manufactures of sail-cloth and cordage, copperas, tohacco-pipes, &c.; with a small scap-work, and iron and brase founderies. It has also two weekly newspapers, and two joint stock bank.

The harbour, formed by piers, constructed at different periods, dried till recently at low water; but it has been so much improved by the construction of a new pier on its S. side, projecting N., that a portion of it has now 9 ft. water at low ebb, and above 20 ft. at springs. Harbour lighthouses have been exceted on the outer and inner pier-heads.

Whitehaven, which, in the beginning of the 17th century, was a miserable fishing village, is wholly indebted for its rise and importance to the working of the coal mines in its vicinity, belonging to the Earl of Lonsdale. Some of these mines extend below the sea; and in the largest of them all, the William Pit, about 500 acres are excavated under the sea, the distance being about 24 m. from the shaft, 110 fathoms deep, close to the shore, to the remotest part of the working. There is, in this immense pit, a stable under the sea for 45 horses. (Appendix, I. 299, to Report on Employment of Children is Mines.). A new pit is now being sunk, which, when completed, will run some miles unler the sea, and will be the deepest in the country. The coal, which is of excellent quality, is principally ahpped coastwise for Dublin, the Isle of Man, and the 5. of Scotland. Thus, in 1849, the exports of coal coastwise from Whitehaven amounted to 320,495 tons; and those to foreign parts to only 2,094 tons. Exclusive of its coal, Whitehaven excepts considerable quantities of lime, freestone, iron-ore, &c.; and carries on a considerable trade with the W. Indies, N. America, and other foreign countries. Gross customs' revenue in 1849, 74,5604. The town, however, is not flourishing, and both its trade and population have latery day to the superior facilities enjoyed by Liverpool, both as respects the trade with Ireland, and that with the W. Indies, America, ac.

ground, a little W. from the main street, was built in 1822. It is a substantial and commodious edifice; but is totally devoid of architectural beauty, forming, in this respect, a striking contrast to most of the churches latterly erected in this part of the country. Here also is a Free church, and places of worship for the United Prespetrain Synod, the Reformed Prespetrain Synod, and for Rom. Caths. The last, however, have no settled pastor; the individuals attached to their communion being widely dispersed over the country. The par school is in a very efficient state, and there are several other schools. The only public building is the town-house and gaol, surmounted by a tower and spire without any pretensions to elegance: the gaol is, also, ill-contrived and defective. Except the tanning of leather, which is carried on to some extent, the town has no manufactures; the inhabitants being either retail dealers, tailors, shomakers, and other tradesmen, required for the accommodation of the surrounding district, or agricultural labourers. Some of them have small patches of land close to the town, for which they pay high rents. Two branch banks have, of late years, been opened in the bor. The inferior houses are mostly occupied by Irish immigrants, who are very numerous in this part of the country. Whithorn was made a royal bor., by James IV., in 1511. It is governed, under the Municipal Reform Act, by a provost, 2 bailies, and 15 councillors. Corporation revenue, in 1848-49, 1711. 182, 24. It unities with Wigtown, Strauraer, and New Galloway, in sending I mem. Whithorn, which is of high antiquity, is supposed to

1849-50, 50.

revenue, in 1846-49, 171L 18s. 2d. It unites with Wig-town, Stranzer, and New Gallowsy, in sending I memto the H. of C. Registered electors in the bor., in 1849-50, 50.
Whithorn, which is of high antiquity, is supposed to be identical with the Leucophibla of Ptolemy, and is certainly the Candida Casa of the venerable Bede. It was early distinguished in ecclesiastical annals, from the circumstance of a church being founded here late in the 4th or early in the 5th century, by St. Minian, who is said to have been buried within its walla. At a later period, or in the 12th century, a magnificent priory for monks of the Premonstratensian order was erected here by Fergus, lord of Galloway, of which there still remains a fine Saxon arch, embodied in the wall of the old par. church, and some extensive vaults. The real, or supposed, relies of St. Ninian haying been collected in this building, it was regarded with feelings of extraordinary veneration, and was, for a lengthened period, a place of pligrimage and adoration. Several of the kings and queems of Scotland were among the number of its visitors. On one occasion, James IV. made a pligrimage hither or foot, to secure the good offices of the saint in behalf of his queem, then dangerously ill: The bishopric of Galloway, or Whithorn, was one of the saint in behalf of his queem, then dangerously ill: The bishopric of Galloway, append. p. 332.)

The late of Whithorn, about 2 m. N.N.E. from the Barrow Head, and 3 m. S.E. from the bor., may be regarded as the sea-port of the latter. The late, now united to the mainland by a causeway, is of very limited dimensions, not probably exceeding 40 or 50 acres. The village, which is built partly on the mainland and partly on the isle, has about 450 linhabs. The par. church is at Whithorn; but a dependency of the Free church of the latter has been established in the village. On the Isle are the ruins of a small church, said, though probably on no good grounds, to be one of the oldest in Scotland. A little ship-building is carried on;

has been extended to an unnecessary length. But not being of the number of those who care nothing for the place to which they belong, we may, perhaps, be ex-cused, if, towards the close of this lengthened and laborious survey of so many countries and places, we have lingered for a moment over scenes once familiar, and

wick.

still well remembered. The associations which the mention of this locality calls up are all "redolent of joy and youth," and are too soothing and pleasing to be instantly dismissed.

WiCk, a royal and parl. bor., and sea-port town of Scotland, E. coast of the co. of Caithness, of which it is the cap., on the river Wick, at the bottom of a deep bay, 18 m. S. by W. Duncansby Head. Pop. of parl. bor., which includes Wick, Pulteney-town, and Louisburg, in 1841, 5,522. Wick, properly so called, or the old town, is on the N. side of the river, and is Irregularly and meanly built, and dirty; it has to the N. the suburb of Louisburg, and is connected by a bridge with Pulteney-town, on the S. side of the river. The latter, built on rising ground, feued from Lord Duffus by the British Fishery Society, is laid out on a uniform plan, and is one of the handsomest fishing villages that is anywhere to be met with. Both towns are lighted with gas, supplied by a company recently established. The par. church, at the W. end of the town, with 1,825 sittings, was erected, in 1830, at a cost of 4,781/l. There are, also, Free churches in Wick and in Pulteney-town; and the United Associate Seceders, Independents, Reformed Presbyterians, Rom. Caths., &c., have their respective places of worship. The educational and literary establishments comprise a parochial school, an excellent scademy, several unendowed schools, two Sunday-schools, a subscription library, two reading-rooms, and a weekly newspaper. Exclusive of the churches, the townhall, county buildings and prison, and commercial hall, are the principal public edifices.

Wick has been for upwards of half a century the principal seat of the herring fishery of Scotland; and, besides its own boats, its harbour is frequented, in the fishing season, by great numbers of boats from other parts of Scotland, and from Holland. Its port at the mouth of the Wick being small, luconvenient, and underly a sunday server of the season, by great numbers of boats from other parts of Scotland,

tion of the females in and round the town consists in the spinning of yarn for, and in the making and mending of herring nets. The trade of the port is limited to the ex-port of herrings, and of corn, wool, cattle, and other farm products, and to the importation of coals, timber, groceries, &c. It has an intercourse by steam with Leith, Aberdeen, Kirkwall, and Lerwick. There be-longed to the port, in 1850, 28 vessels, of the aggregate burden of 2,168 tons. Gross customs' revenue collected at the port, in 1849, 7871. The Commercial Bank, and the Aberdeen Town and Country Bank, have each branches in the town.

branches in the town.

the Aberdeen Town and Country Bank, have each branches in the town.

Wick was made a royal bor. by James VI. in 1589. It unites with Kirkwall, Dornoch, Cromarty, and Dingwall, in sending I mem. to the H. of C. Registered electors in Wick in 1849-50, 364. It is governed by a provost, 2 ballies, and 9 councillors. Corp. rev., in 1848-5, 1402. The country in the vicinity of Wick has been very greatly improved within the last half century: even so late as in 1790, there was not a cart in the country, nor potatoes, turnips, nor rye-grass; and such a thing as a rotation of crops had not then been heard of. The land was split into minute portions, and held under a system subversive of all industry and improvement. The advance in the interval has been estonishingly great; and though there is still an excess of small occupiers, their numbers are gradually decreasing; and all sorts of improvements have been introduced, and are extending themselves on all sides. To show the increase in the value of land, it may suffice to mention that the estate of Hemprigs, in the parish of Wick, let in 1785 for 642, was let in 1830 (exclusive of Pulteney-town) for 5,6081. (New Statistical Account of Scotland, art. Wick; Official Returns, §c.) Returns, &c.)

WIESBADEN

WICKLOW, a marit. co. of Ireland, prov. Leinster, having N. the co. of Dublin, E. St. George's Channel, S. Wexford, and W. Carlow and Rildare. Area, 494,794 acres, of which 94,000 are unimproved mountains and log. This is a very mountainous co. In some places it is well wooded, and extremely picturesque and beautiful. Estates mostly large; the most extensive, valuable, and best cultivated belongs to Earl Fitzwilliam. Farms of various sizes; many small. Average rent of land. 152, an acre. Speaking generally, rents are much too high; the labouring pop. not half employed; and their consditten, and that of the small farmers, as bad as possible. But little wheat is raised, and that principally in the E. Burth of the co. Wicklow has to boast of considerable mineral treasure; and some gold has been found in stream-works in different parts of the co. These, however, have been wholly abandoned, the produce of metal being insufficient to repay the expenses. From 600 to 900 persons may be employed in the copper mines of Cronebane, Ballymurtagh, Conorree, &c. The orea are shipped at Wicklow, and are smelted in Walvs. Bismuth, manganese, fine, &c. have also been met with, but in inconsiderable quantities. Mari is very abundant in parts of the co. and is said to have wonder fully increased the fertility of some districts. Principal rivera, Slaney, Fustia, and Ovoca. Wicklow contains 6 baronsies, and 58 para; and returns 2 mems. to the H. of C., both being for the co. Registered electors for the Latter, in 1849-50, 1,077. In 1841, Wicklow and 19,210 inhabited houses, 21,182 families, and 126,143 inhabs., of whom 83,499 were maies, and 62,634 females.

Wicklow, a marit, town of Ireland, prov. Leinster, co. Wicklow, of which its the cap., at the mouth of the

sand to part; in treatment a member to the first of the latter, in 1895-50, 1,077. In 1841, Wicklow had 19,210 inhabited houses, 21,182 families, and 126,143 inhabs., of whom 63,469 were males, and 62,634 females.
Wicklow, a marit town of Ireland, prov. Leinster, co. Wicklow, a marit town of Ireland, prov. Leinster, co. Wicklow, of which it is the cap., at the mouth of the Vartry, 28 m. S. by E. Dublin, and 24 m. W. by N. Wicklow Head, on which there are 2 lighthouses with fixed lights. Pop. in 1841, 2,794. This, the poorrect of assiss towns, is irregularly built, and principally derives to means of support from the concourse of persons on co. business, and for bathing during the summer monthalits public buildings comprise the par. church, a Ross. Catholic chapel, meeting-houses for Methodists and Quakers, the court-house and prison for the co., diocean school, market-house, co. infirmary, fever hospital, &c. Races are held annually on the Morrough, a fast andy tract, extending several miles along the shere. The corporation, under a charter of James I. in 1613, consisted of a portreeve, 19burgesses, and a commonalty, which returned 2 mems. to the Irish H. of C. till the Union, when the bor. was disfranchised. The assizes for the co., general sessious and petty sessious, and a weekly court for the adjudication of small debts, are held here. The town is a constabulary and coast-guard tation. Markets on Saturday; thirs Mar. 28, May 24, Aug. 12., and Nov. 25. The harbour is fit only for small craft, having a bar at its entrance which has only 9 feet at high water springs, and 6 feet at neaps. It has, however, some trade in the shipping of copper ore, corn, &c.; the value of its exports, in 1835, being 86,5664. Post-office revenue, in 1830, 3424, in 18:6, 3566.
WiDIN, or VIDIN, a fortified town of Bulgaria, cap. Sanjack, on the Danube, 130 m. S. E. Belgrade. Pop. senimated at from 30,000 to 35,000, being the most populous town in this part of Turkey. It presents an imposing appearance from a distance, having numerou

wil G.A.N.

some silica, oxide of iron, and free carbonic acid. There are afteen different spring; the principal of which is the Kochbransen, or "boiling spring," though its temperature is not boiling, but only about 1850 Fahr. The other springs are not so hot, but all have the same general character, and are efficacious in cases of gout, rheumatism, paralysis, rigidity of the akin, &c. The usual time for drinking the waters, and taking baths, is from the middle of June to the end of August, during which all the usual attractions of a watering place are to be met with. The chief scene of galety is the Kwsaal, a large edifice, with a central fonic portico, which encloses, with its two wings, three sides of a spacious lawn, and comprises many magnificent apartments, including a noble saloon about 140 ft. in length and 50 in height. A band of music attends here every day during the season, and the table d'able is well and respectably attended. Besides this establishment, Wiesbaden has a public library with 45,000 vols., musums of antiquities, and paintings, a well-managed hospital, &c.; with manufactures of chocolate, sealing-wax, and glue. The climate is very hot and oppressive in the height of the summer, and there is a deficiency of good ordinary drinking water; but the neighbourhood is very pleasant, and abounds with fine views and vineyards. Numerous Roman antiquities have been discovered in and about the town. (Grassvitle's Spas of Germany; Schreiber, Guide &x Rhis; Cambers' Towr; Musray's Handbey for N. Germany; Berghaus, &c.).

WIGAN, a parl, and mun. bor., market town, and par. of England, co. Lancaster, hund. W. Derby, on the Douglas, in the centre of an extensive with the township of Wigan, which has an area of 2,170 acres, and had, in 1831, a pop. of 20,774, and in 1841, of 25,167. The town situated on a hill; is spread over a large extent of ground, and though irregular, is pretty well built; its appearance, however, is not proposessing, as the employments carried on in it, and the abundance of coal, has since received various endowments, and is now in the possession of a considerable income. It is conducted the possession of a considerable income. It is conducted under an act passed in 1812, and affords instruction to numerous scholars in classical learning, mathematics, the modern languages, &c. Here, also, is a blue-coat school, established in 1773; a school of industry, established in 1833, for the education of girls for domestic servants and housewives; and numerous Sunday-schools. The income arising from private legacies for the education and apprenticing of children, and general relief of the poor, amounts to between 3504, and 4504 a year.

The principal branches of industry carried on in the

The principal branches of industry carried on in the town comprise the carding and spinning of cotton, the weaving of muslins, calicoes, fustians, &c., by power and weaving of muslins, calicoes, fustians, &c., by power and hand-looms; the manufacture of coarse lines; and more recently of silks. There are, also, in the parish bleachworks, brass and powter, nail and machine factories, iron foundries, &c. In 1836, there were in the town only 26 cotton factories, which employed 4,262 hands; and in 1838, there were at work in the parish 37 cotton factories, which employed 6,137 hands, and 2 flax-mills employing 400 hands. (Baines' Lancashire; Rep. on Mills and Pacteries.)

So early as 1720, an act of parliament was obtained for making the Douglas navigable from Wigan to the Ribble, at the point where the latter empties itself into the sea. This navigation was subsequently purchased by the Leeds and Liverpool Canal Company, and now forms an important branch of their works, conveying vast quantities of coal from Wigan to Liverpool and the N. of Lancashire. The North Union Railway, a branch of the Liverpool and Manchester line, passes through the town to Preston and Lancaster. to Preston and Lancaster.

to Preston and Lancaster.

Wigan is a bor. by prescription; its earliest extant charter dates from the 3d of Henry III.; but numerous others have been granted by subsequent sovereigns. It sent 2 mems to the H. of C. in the 23d of Edward I.; and made another return 13 years afterwards; but from that epoch till the 16th century, a period of more than 200 years, the privilege remained dormant. At its revival the right of election was vested in the free burgesses by custom, of whom, previously to the Reform Act, there were generally about 100. Registered electors in 1849-50,

Case. Under the Mun. Reform Act, the bor, is divided into 5 wards, and is governed by 10 aldermen, and 18 councillors. It has a commission of the peace, 2 courts leet annually, petty sessions 8 times a week; and a county court, before which 1,681 plaints were entered in 1848. Corp. rev. in 1847-48, 3344. A newspaper, called the Wigas Gazette, was first issued in 1836.

1847-48, 3.384. A newspaper, called the Wigas Gazette, was first issued in 1836.

Wigan, anciently called Wibiggin, though not mentioned in Domesday-book, is certainly of c usiderable antiquity. A patent for paving the town, and erecting a bridge over the Douglas, was granted in the 7th Edw. III. During the civil wars it was sealously attached to the royalists. Dr. Leiand, author of a "View of Deistical Writers," and of several other publications, was a native of this town, having been born here in 1691. Market days, Mouday and Friday; fairs 3 times a year, chiefly for cattle, pediary, and toys. (Park Reps.; Baines' Lancashire, &c.)

WIGHT (18LE OF), the Vects of the Romans, an island off the S. coast of England, opposite to, and included in, the co. of Hants, being separated from it by the road of Spithead on the E., and by the Solent, or W. Channel, on the W. The E. Channel, from below Gosport across to Ryde, is about 3 m. in width; but from Hurst Castle across to the Island, the W. Channel is little more than 1 m. in width. The figure of the island; is thore so f the mainland. From its E. to its W. angle the distance is about 22 m.; and from the N. to the S., about 13 m. Area, 86,810 acres. Pop. of the island, in 1841, 250. This is one of the most beautiful districts in the kingdom, being finely diversified with hills, dales, woods, towns, villages, and gentlement's seats. A range of chalk 42,550. This is one of the most beautiful districts in the kingdom, being fliely diversified with hills, dales, woods, towns, villages, and gentlemen's seats. A range of chalk hills extends lengthwise across the island, affording excellent pasture for sheep, and some very commanding views. The cliffs on the S. coast are bold and precipitous, and hollowed into chams, the resort of vast numbers of sea-fowl. The cliffs, called the Needles, on the W. angle, and hollowed into chasms, the resort of vast numbers of sea-fowl. The cliffs, called the Needles, on the W. angle, are lofty, almost perpendicular, and strikingly picturesque. One of the tailest of these cliffs, being undermined by the action of the waves, was overthrown in 1782, and totally submerged. Climate extremely mild, and, perhaps, the most salubrious of any in England. Soil dry, loamy, and mostly very fertile; being well adapted for all sorts of agricultural purposes. The husbandry is similar to that followed on the good soils of the mainland (ace Hampshilaz); and the Island has large quantitles of agricultural produce to dispose of after supplying its own inhabs. It is divided into two nearly equal parts by the river Medina. Large quantities of fine sand are shipped from Freshwater Bay, for the glass and china manufactures in different parts of the country; but it has no other minerals of any importance. Since the opening of the railway from London to Southampton, the Isle of Wight has been a great object of attraction, and is visited by crowds of tourists from the metropolis. A constant intercourse is kept up y steam between Southampton and Cowes; and individuals pressed for time may now leave London in the morning, and, after seeing a good deal of the island, return to town in the evening! Under the Reform Act, the Isle of Wight sends I menn. to the H. of C. Registered electors, in 1849-50, 1,668.
WIGTON a market town and par. of England, co. Cumberland, on the Wisa, 10 m. W. S. W. Carlisle. Area of par. 11,800 acres. Pop. of do. in 1841, 6432. The town, which is commodious and well built, consists principally of a main and transverse street, and has several superior ious and dwelling-houses. The par. church, a

town, which is commodious and well built, consists prin-cipally of a main and transverse street, and has several superior iuns and dwelling-houses. The par. church, a handsome building was erected, instead of an older church, which had become ruinous, in 1788: it has attached to it a spacious Sunday-school, built by voluntary subscription in 1890. The living, a vicarage worth 1901, a year, is in the gift of the bishop of Carlisle. The grammar-school, established by subscription in 1714, but afterwards en-dowed, has now an income of above 701. a year: at the time of the late charity inquiry 35 children were taught

on the foundation. An hospital for six widows of Protestant clergymen, founded in 1725, has an income of 884. a year; and there are some minor charities. The Wesleyans, R. Catholics, and Friends, have meeting houses at Wigton, and the Friends have, near the town, a school for 60 boys, founded in 1826. Wigton is a place of some manufacturing activity; checks, ginghams, muslins, fustians, &c. being made in the town and par., in which about 430 persons were employed as weavers in 1836. The gross average weekly earnings of the weavers at the same period was stated to be &c. 104d., or nett 42. 3d. per loom. (Hand-loom Rep., part v.) Several breweries and tanneries are established here: Iron and coal are brought to the town from within a distance of 5 m. Petty sessions are held mouthly, and an annual court leet said baron in Sect. Markets, Tuesd and Frid.; the former to the town from within a distance of 5 m. Petty ses-sions are held monthly, and an annual court leet said baron in Sept. Markets, Tuesd. and Frid.; the former a considerable corn mart. Large fairs for horses, cattle, Yorkshire cloth, and hardware, Feb. 20. and April 5; and one on Dec. 21. for butchers' meat, apples, and honey. About 1 m. S. Wigton is Old Carlisle, probably a Roman station, of the ruins of which Wigton old church was bullt. Ewan Clarke, the Cumberland poet, and Sir R. Smirke, were natives of Wigton. (Parl. Rome, Ed.)

and Sir R. Smirke, were natives of Wigton. (Parl. Reps., &c.)
WiGTOWN, a marit. co. of Scotland, occupying the S.W. extremity of that kingdom, and forming the W. half of the district known by the name of Galloway, has on the S. and W. the Irish Sea, N. Ayrabire, and E. the Stewartry of Kirkculdright or E. division of Galloway, It contains 293,760 acres. of which about a third part may be arable. Surface hilly, but the hills do not rise to any considerable height. It is divided into three districts, viz. the Mackers, extending from Wigtown and Portwilliam to the Burrow Head; the Hyssas, comprising the peninsula formed by Loch Ryan and the Bay of Luce, terminating in the Mull of Galloway on the S, and Corsewall Point on the N.; and the Moors, or the most part, a hazely loam, dry, and well adapted for the turnip husbandry; but near the town of Wigtown there is a considerable extent of rich alluvial land. The moors, which are bleak and barren, comprise more than there is a considerable extent of rich alluvial land. The moors, which are bleak and barren, comprise more than a third part of the co. Climate mild, but rather moist. Property has, for a long series of years, been gradually accumulating in fewer hands, and is now, for the most part, distributed in large estates, held generally under entail: farms middle-sized, and uniformly almost let on leases for 19 years. Arriculture in this, as in most other entan: larms midule-sized, and uniformly almost let on leases for 19 years. Agriculture in this, as in most other Scotch cos., was formerly in the most barbarous and wretched state imaginable. There was no rotation of erops; the process and implements were alike execrance; the pasture land was overstocked; and the occupiers steeped in poverty. Marl, of which Galloway contained immense quantities, began to be discovered and applied to the land about 1730; and for a while it caused an astonishing improvement in the corn crops. But their unceasing repetition reduced the soil to its former sterility, and convinced the landlords that marling, which promised so much, and by which so much had crops; the process and implements were alike execrable; sterility, and convinced the landlords that marling, which promised so much, and by which so much had been realised, could be of no permanent utility to their estates, unless the tenants were restrained from over-cropping. In consequence, principally of this feeling, but partly also of the diffusion of intelligence as to such subjects, it was the usual practice, previously to the American war, to problibit tenants from taking more than three white crops in succession; and it was also usual to prohibit them from breaking up pasture land until it had been at least six or nine years in grass. This practice, barbarous as it is, was a vast improvement on that by which it had been preceded; and it prevalled generally throughout Calloway and Dumfriesshire till the beginning of the present century; and in some backward parts tingers even to this day. But in all the best parts of the district two white crops are now rarely seen in succession; and every department of husbandry ward parts lingers even to this day. But in all the best parts of the district two white crops are now rarely seen in succession; and every department of husbandry has been signally improved. Generally, however, the co. is more suitable for pasture than for tiliage; and it, as well as Kirkcudbright, suffered a good deal from overcopping between 1809 and 1815. Oats and barley principal crops; wheat, however, is now raised in considerable quantities. Potatoes largely cultivated. Turnips have been long introduced; but fit is only since 1825 that their culture has become an object of general and profitable attention; it is now rapidly extending, and large quantities of bone-dust are imported as manure for the turnip lands. Farm houses and offices mostly new, substantial, and commodious. Roads new, and for the most part excellent. Breed of cattle polled, and one of the best in the empire. Breed of sheep in the low grounds, various; in the moors, principally the black faced, or Linton, variety. Average rent of land in 1843, 84, 7d. an acre. Minerals and manufactures, quite unimportant. The condition and habits of the people have been materially improved since the commencement of the late war with France. "They are now more cleanly, more cambritably lodged, and both their diet and their dress are of a better description. They are generally increase and their dress are of a better description.

WILNA.

rally, also, intelligent and well informed. Their moning has also kept place with the progress of society, and the more extensive diffusion of knowledge." (New Statistical Account of Scotland, art. Wiczborns.) Frincipal river, Cree, Blacinoch, and Lucs. It is divided into 17 pan, and returns 2 mems. to the H. of C., viz. 1 for the ca, and 1 for the bors. of Wigtown, Whithorn, and Strarars, in this co., with which the inconsiderable bor. of New Galloway, in Kirkeudbright, is associated. Releters for the co., in 1849-50, 1,151. In 1841, Wigners and 7,440 inhab. houses, and 39,195 inhabs., of when 18,290 were males, and 20,905 females.

Wittowns, a royal and part. bor. and sea-port of Scaland, cap., of the above co., on rising ground near the mouth of the Bladnoch in Wigtown Bay, 13 m. N.N.W. the Burrow Head, and 37 m. W.S.W. Dumsfries. The part. bor., which includes a small village at the bridge of Bladnoch, about i m. 3. from the town, had, in 1841, a pop. of 1,660. This, which is a well-situated and well-bullt country town, has been much improved of iste years. It consists principally of a main street of great width, the centre of which has been enclosed, and is now occupied with a shrubbert, bowling-green, &c. A sew and handeone strails gross has a slee heep erceited. width, the centre of which has been enclosed, and is now occupied with a shrubbery, bowling-green, &c. A new and handsome granite cross has, also, been created within the last few year. The town-bouse has a low spire at one end. The old prison, inc. under the same roof with the town-house, being insecure, a new and cosmodious prison has been recently built in a fine situation in the immediate vicinity of the town. The church which is old and mean-looking, is situated in a retired churchyard, in which are some interesting measurements of sarious individuals put to death during the paragraph. which is old and mean-looking, is situated in a resure churchyard, in which are some interessing monument to various individuals put to death during the persections under Charles II., for their adherence to the Covenant. Here, also, is a Free church; and the meaners of the United Associate Synod and the Reside have meeting houses. A considerable number of the Irish settlers in the town and parish are Rosm. Catholic. Recently a very handsome school-house has been bush for the par. school; and another school is supported by subscriptions. A library, founded in 1794, has a good collection of books. If we except a distillery established at Bladnoch bridge, no manufacture of any kind is carried on in the bor. The harbour, on the Bladnoch about \(\frac{1}{2}\) m. from the town, nearly dries at low waser, and the navigation is rather difficult. The only trade is in the shipping of corn, cattle, and other farm produce, coastwise for Liverpool and other ports, and in the importation of coal, timber, freechone, \(\frac{1}{2}\)c. The port is visited about once a fortnight by a steamer from Liverpool. In January, 1880, 68 vessels of the aggregate burden of 3,645 tons belonged to the port and in dependent creeks of Garileston, laie of Whitchorn, \(\frac{1}{2}\)c. a steamer. Branches of the British Linen Co. and of the Edinburgh and Glasgow bank are established in the town.

the Edinburgh and Glasgow bank are established town.

Wigtown was made a royal bor. by James III. It unites with Stranraer, Whithorn, and New Gallows, in sending I mem. to the H. of C. Registered electors, in 1849-50, 100. Under the Municipal Reform Act, k has a provost, 2 bailles, and 15 councillors. Corporation revenue, in 1848-9, 474L, principally arising from the rest of land. (Private Informations.)

WILMINGTON, a town or city, and port of entry of the U. States, in Deiaware, co. Newcastle, between the Brandy-wine and Christiana creeks, immedizally above their junction, and 30 m. S.W. Philladelphia. Pop., in 1841, 8,367. It is built on gently-rising ground, in a pleasant and healthy situation, is regularly laid out, and its houses are mostly constructed of brick. k has a town-hall, a large almabouse, about 15 churches, 2 market-houses, an arsenal, public library, and many superior private (though no public) schools. It is supplied with water from works on Brandy-wine, on which also is one of the largest collections of flour mills in the U. States. Cotton and woollen goods, paper, gunpowder, iron wares, &c. are made in Wilmington astensive: there were owned in the town, in 1849, 9,789 town shipping. The Christiana is navigable up to the town for vessels drawing 14 ft. water: a railroad, 27 m. in length, connects Wilmington with Philadelphia; sail-

consists of a fertile alluvial deposit. The climate, though severe, is not so cold as in some of the adjacent governments: the mean temp. of the year is about 45° Fahr. Agriculture is almost the sole occupation of the inhabs.; and rather more corn is grown than is required for home consumption. Rye is the grain principally cultivated. consumption. Nye is the grain principally cultivated.

Hemp and fax are rarely grown; and hops and pulse are raised in gardens: fruits are neglected. The forests are very extensive, the crown possessing above 400,000 declatines of forest land; and there is a considerable trade in deals, timber, tar, potash, and other woodland products. Lime trees are very abundant; and to this cause is attributed the excellence of the honey, for which this convergence is forest. government is famous.

The breading of stock is neglected; the horses are, how-ever, strong and active, though of small size. Game is very plentiful: elts, wild boars, bears, wolves, &c. are numerous, occasionally the urus is met with; and fox, martin, and squirrel skins are articles of trade. Mineral products un-important. Manufactures have increased a little of late;

occasionally the true is met with; and fox, martin, and squirrel skins are articles of trade. Mineral products uninaportant. Manufactures have increased a little of late; but they are still quite inconsiderable. Dr. Granville says of Shavel, a town of 2,000 inhabs. in this gov. "It consists of a long street of low gable-roofed buts of wood plastered over, and presenting a general appearance of the most squalld misery. This may be considered as a fair specimen of the second-rate towns in the gov. of Wilma, and indeed all over Russian Poland." (Travels, il. 516.) The trade, which is almost entirely in the hands of the Jews, is principally in timber and agricultural produce, sent down the Dwina to Riga, or by land into Prussia. Wilma is divided into 11 districts; chief towns Wilma, the cap., and Kovno. It is not stubject to the government monopoly of ardent spirits; and preserves several of its old forms of administration. As respects education it is, though far behind, in advance of many of the governments.

Wilma, a town of the Russian empire, cap. of the above gov., and formerly the cap. of Lithuania, at the confluence of the Wilenka and Wilma, 90 m. N.K. Grodno. Pop., in 1834, 25,697, of whom 20,000 were town of Polish Russia. It is surrounded by undulating hills, and enclosed by a wall. Its streets are narrow and crooked, and its houses mostly of timber, though it has several hundred dwellings built of brick or stone. Formerly a royal castle of the Jagellons existed here, but nothing is left of it except its ruins. The cathedral, founded in 1387, has some good paintings, and many chapels, one of which, appropriated to St. Casimir, and built wholly of marble, is very handsome. The body of the saint is preserved here in a silver coffin, made by order of Sigismund III., and welghing, it is said, 30 cwt. I The church of St. John is aurrounded by the buildings of the university, founded in 1578, and suppressed in 1832. Here are in all about 40 churches, numerous convents, a mosque, and 4 synagogues, a magnificent pressed in 1832. Here are in all about 40 churches, numerous convents, a mosque, and 4 synagoues, a magnificent town-hall, an arsenal, exchange, theatre, 2 hospitals, barracks, magazines, &c. The governor's palace and some residences of the nobility are fine buildings. Previously to its dissolution, the university of Wilna was in a flourishing state, and possessed an observatory, collections in mineralogy and anatomy, and a library of \$2,000 vols. A medico-chirurgical school, to which are stached the botanic garden and some of the univ. collections, an ecclesiastical seminary, and 2 gymnasia, are the principal public schools: most part of the university establishment has been removed to Kief. Wilma has deaf and dumb and foundling asylums, various other charitable institutions, a few manufactures, and a considerable trade. It was founded in 1322, and is reported

deef and dumb and foundling asylums, various other charitable institutions, a few manufactures, and a considerable trade. It was founded in 1323, and is reported to have had, in the middle of the lich century, 100,000 inhabs., though this, no doubt, is a gross exaggeration. It has often suffered severely from fire. (Schwitzler; Possari; Kuiserth, Russland.)

WILTON, a parl. and munic. bor., and par. of England, co. Wits, hund. Branch-and-Dole; on the Willy, a tributary stream of the Avon, 4 m. W. by N. Salisbury. The old bor. comprised only the greater portion of the town; but the modern bor. includes, besides the whole par. of Wilton, 11 adjacent parishes and parts of 5 others, with an extra-parochial district; it has a total area of about 38,000 acres, and had, in 1841, a pop. of 8,057.

It is a nest country town; the main: street is partially paved and lighted, and is crossed by a smaller street nearly in its centre. The public buildings, the principal of which are the church and town-hall, are not remarkable, nor do either these or the private houses appear to be increasing. (Bossad. Rep &c.)

An extremely handsome church, in the Italian style, with a separate campossite, or bell-tower, has recently been erected here at the expense of the Right Hon. Sydney Herbert. The living is in the gift of the E. of Fembroke. It has, also, chapels for Independents and Wesleyans, an endowed free-school, established early in the 18th century, for the education and apprenticeship of 20 boys; a bequest of 1,000, the interest of which is amunity distributed in marriage portions to 4 young womes. 20 boys; a bequest of 1,000%, the interest of which is annually distributed in marriage portions to 4 young women belonging to the town, and several minor charities.

The hospital of St. John is the only one remaining of The hospital of St. John is the only one remaining of the numerous monastic establishments formerly existing here. The hospital itself is an old priory building, consisting of four distinct apartments under one roof, with a garden for the use of the inmates, who consist of 2 brethren and 2 sisters, presided over by a prior nominated by the dean of Salisbury cathedral. The rents reserved for the maintenance of the inmates amount to about 30%.

by the dean of Salisbury cancural. In overlas reserved for the maintenance of the immates amount to about 30%. a year. (Charity Commissioners' Rep.)
Wilton had, for a lengthened period, a flourishing manufacture of woollen goods, especially of carpets, and it was here, indeed, that the first carpet made in England was manufactured. This business, however, gradually declined; and though it has somewhat revived of late years, it is still but inconsiderable.

The earliest existing charter of the bor. dates from the last of Henry I., but from a very early period it has been governed by a mayor and an unlimited number of burgesses, including a recorder and five aldermen. This bor, sent two mems. to the H. of C. from the 23d of Edward I. down to the passing of the Reform Act, which deprived it of one of its mems. Previously to the last-mentioned Act the franchise was vested "in the mayor and burgesses, who are to do all corporate acts and receive the sacramens." In point of fact, however, it was a nomination bor. belonging to the B. of Pembroke. Reg. electors, in 1849—1850, 288. The only court that ever appears to in 1848-1850, 308. The only court that ever appears to have been beld in the bor, except the court leet, is a court of record, which has not been opened since 1781. There is a small prison, now used only as a lock-up

have been held in the bor., except the court feet, is a court of record, which has not been opened since 1781. There is a small prison, now used only as a lock-up house.

Wilton is very ancient. It had a famous abbey, originally founded in 773, and greatly improved and enlarged after the Conquest. Wilton House, the magnificent seat of the Earls of Pembroke, occupies the site of this abbey, it is built in a fine park, watered by the Willy; its garden front was rebuilt from designs by Inigo Jones, and more recently it was enlarged and considerably altered by Wyatt, especially with a view to the better display of its superb collection of ancient statues and other works of art, paintings, &c. Wilton was most probably the birthplace of the dramatic poet Massinger; and archdeacon Coxe, author of "Travels in Switzerland and the North of Europe," and of various valuable historical works, was, for a lengthened period, rector of Bemerton, in its immediate vicinity. The town has no market, but four annual fairs, that on the 12th of Sept. being one of the largest sheep fairs in the W. of England. (Boused. and Massic. Reps.; Reauties of Wilkshire, &c.)

WILTSHIRE, an inland co. of England, in the Spart of the kingdom, having N. the co. Gloucester, B. Berks and Hants, S. the latter and Dorset, and W. Somerset and Gloucester. Area, 874,890 acres, of which shout 800,000 are arable, meadow, and pasture. It is divided by the rivers Kennet and Avon, and the canal by which they are united, into two grand divisions, popularly termed, from their situation, North and South Wiltshire. The latter consists, in great part, of Salisbury Plain, extending from Westbury and Warminster, on the W., across the co. to Hampshire, and from Lavington, on the N., to near the city of Salisbury on the S. division, between Trowbridge and Pewsey, and beautiful valleys. Though called a plain, the surface, as in all chalk land, is undulating: the most level part lies round Stonehenge. There is a good deal of rich land in the S. division, the S. division,

and much valued in London and elsewhere by its own proper name of North Wiltshire cheese. Breed of cattle various: they are partly slaughtered in Bath, Salisbury, &c., but the greater number are sold to the London butchers. In despite, however, of the encroachments made by the plough on the downs, sheep continue to be regarded, in the greater part of the co., as the principal support of the farmer. They afford the chief article of manure used on the land; while the sale of lambs and wool furnishes the principal means of paying the rent. In consequence, as it would seem, of this dependence, and of the high price of wool during the last 10 or 12 years, there have been fewer complaints among the Wiltshire farmers than amongst those of most southern cos. The sheep stock, consisting partly of the native horned breed, but in a far greater degree of South Downs, and crosses between the two, is estimated at about 700,000; of which sbout 565,000 are depastured on the downs, and the rest on the cultivated land; the feeces of the former are supposed to weigh at an average 24 bs., and those of the on the cultivated land; the fleeces of the former are sup-posed to weigh at an average 2g lbs., and those of the latter 4 lbs.; producing together about 8,650 packs of wool. The irrigation of water meadows is to be seen in the greatest perfection in S. Wilkshire, and is practised on a large scale. Many hogs are kept; and Wiltshire bacon is highly esteemed.

on a large scale. Many hogs are kept; and Wiltshire bacon is highly esteemed.

In the vicinity of some of the towns of S. Wiltshire, a good deal of garden husbandry is carried on. Average gent of land, in 1843, 22c. 44c. an acre. Stonehenge stands, in rude magnificence, in the middle of Salisbury Plain. (See Stonesmang.) The manufactures of Wiltshire are considerable; they consist principally of various descriptions of superfue woollen goods, made at Bradford. Trowbridge, Westbury, &c.; thicksets, and other sorts of cotton goods, are siso prepared, though in small quantities. Wilton was long celebrated for a carpet manufactory, established by one of the Rarks of Permbroke; but this, though it has latterly increased, is not nearly so considerable as formerly. Speaking generally, manufactures of all sorts are here, as in other southern counties, on the decline. Principal rivers, Thames, Upper and Lower Avon, and Kennet. Exclusive of some local jurisdiction, Wilts contains 28 hundreds, and 300 parishes. It returns 18 mems. to the H. of C., vis. 4 for the co.; 2 for the city of Salisbury; 2 each for the bors. of Chippenham, Cricklade, Devisee, and Mariborough; and 1 each for Caine, Malmsbury, Westbury, and Wilton. Registered electors for the co., in 1849-60, 7,283, whereof 4,984 were for the N., and 2,539 for the S. division of the co. In 1841, Wilts had 50,879 inhab. houses, and 286,738 inhabe., of whom 128,240 were males, 130,493 females. Sum paid for the relief of the poor in 1848-49, 145-898. Milm BORNE MINSTER, a market town and par. of England, co. Dorset, hund. Badbury; in a valley between the rivers Stour and Allien, each of which is here

WIRBORNE MINSIER, a market town and par. or England, co. Dorset, hund. Badbury; in a valley between the rivers Stour and Allen, each of which is here crossed by a bridge, 29 m. S.S.W. Salisbury. Area of par. 11,480 acres: pop. of ditto, in 1841, 4,356. The town is peasantly situated; but the streets, though clean, are irregular, and the houses have but little uniformity: it irregular, and the houses have but little uniformity: it is well supplied with water, and has been considerably improved of late years. It is principally remarkable for its magnificent minister or church, which was formerly collegiate. The date of its original foundation is uncertain; but it has been usually referred to the 8th century, when a monastery was established here by a sister of lna, king of the W. Saxons. Dr. Stukely, however, and some other antiquaries are of opinion, that the E. tower, when the start of the church are negatifier to but your and most part of the church, are posterior to, but soon after the Conquest. It is a large cruciform structure, 180 ft. in length from E. to W., with two towers: one, a short, massive, Norman tower, rising from the mid-die of the roof, formerly surmounted by a lofty spire destroyed by lightning early in the 17th century: the other tower, in the Perpendicular style, at the W. end of the building, has a fine window, which has, however, been closed up. The interfor is divided after the manner of a cathedral; and till within the last few years the catheddral service was performed here. In the chancel are i6 stalls, with canopies of carved oak. It has some monustalls, with canoples of carved oak. It has some monuments of distinguished personages; but time, and the hand of violence appear to have destroyed a great many more. This edifice underwent extensive repairs and improvements from 1836 to 1840, at the joint expense of Mr. Banks, the Earl of Devon, and the Duke of Beaucott. (Richman's Goditic Architecture.) The living is a rectory in the patronage of the Earl of Shaftesbury. Here also are chaples for Independents, Wesleyans, and Baptists. The free grammar-school, originally founded in 1877, and re-established by Queen Elizabeth, has an income of about 100% a year. Its freedom is unlimited, but in 1836 there were only 25 pupils on the foundation, Another free school, founded by the endowment of a private individual in 1685, has an income of 20% a year, and the aggregate produce of the

funds for charitable and religious uses in the park amounted, at the period of the late inquiry by the Carlity Commissioners, to nearly 1,000%. a year. The trie of Wimborne is limited to that arising from a small manufacture of woollen goods, and stocking-knittis. Petty sessions are held here for the Wimborne division of the hundred, and an annual court at Michaelmas in tything of the town, at which 2 building are appointed by 13 jurymen; but these have no authority owe other parts of the town. Wimborne is supposed, from the various coins and antiquities four three, to have ben a Roman station. Market day, Friday; fairs frequestly, for cattle and choose. (Bessities of England and West, art. Dorsef. &c.)

houses season.

for cattle and cheese. (Besisties of Engians one art. Dorset, &c.)

WINCANTON, a market town and par. of Engias, co. Somerset, hund. Norton Ferris; on a decivity beside the small river Cale, here crossed by a stone bright 23 m. S. Bath. Area of par. 3,860 acres. Pop. of &c. 1841, 2,286. Wincanton, having been destroyed by fire in 1747, has been since regularly laid out in four principal streets. The church, a spacious edifice, partially rebuilt in 1748, has a square embattled tower. The living, a perpetual curacy worth 1224. a year, is in tight of U. and G. Messiter, Esqus. It has, also, a chapt for independents, a neat market-house, and several small charitable institutions. The manufacture of serges, betticking, and dowlas, though much fallen off, is still carried on, and the silk manufacture has been introduced as small scale. Wincanton is an important mark for the cheese made in the surrounding country. The town.

for independents, a neat market-house, and several mail charitable institutions. The manufacture of serges, tecticking, and dowlast, though much fallen off, is still excised on, and the silk manufacture has been introduced as a small scale. Wincanton is an important mark for the cheese made in the surrounding country. The town, divided into a borough and tything, is under the jurisdiction of separate officers; two constables for the forser, and a tything-man for the latter, being chosen amonity at the manorial court; besides which last, an amonital court-leet is heid here. Market-day, Wednesday; faint, twice a year. Wincanton is a place of remote actiquity, and is mentioned in Domesday Book.

WINCHCOMBE, a market-town and par. of Engined, co. Gloucester, hund. Kiftagate, amidst the Cotavold Hills, 6 m. N.B. Cheltenham. Area of par., 5,700 ares. Pop. of do., in 1841, 2,613. The town consists mostly of three streets: the houses are in general of stone. The church, the erection of which commenced in the right of Hm. VI., is a noble Gothic structure, with a loly square tower embattled and pinuacled; the nave is sparated from the side by octagonal pillurs and compressed arches, and from the chancel by a screen of carved oak. The living, a vicarage, worth 1341. a year, is in the gift of — Tracy, Eag. The free-school, foundin the 19th James I., has a yearly income of 324. A. bit has long declined from the condition of a grammar, since the property of control of the poor. (Charris Reps.) Thinhabe, are principally occupied in the manufacture of silk goods, paper, leather, cotton stockings, &c.: in 183, one silk mill in the par. employed 76 hands. (Mills saf Factorics' Rep.) Winchcombe is of great antiquity, and before the time of Canute formed a co. of kieli, being then surrounded with walls, and having a famous abbey, founded during the Heptarchy, but of which, as of its ancient castle, there are now few or no traces. The town was made a bor. in the time of Edward the Coefessor, but its charter has long been obsolete.

rectory in private patronage, is worth 2781. a year. The court-house and gaol underneath are of Saxon architecture. About a mile N.B. of the town are the ruins of Winchelsea Castle, built in the reign of Henry VIII. An inconsiderable market is held on Saturday, and a fair on the 14th of May, for cattle and pedilery. (Bound. and

ture. About a mile N.E. of the town are the ruins of Winchelese Castle, built in the reign of Henry VIII. An inconsiderable market is held on Saturday, and a fair on the 14th of May, for cattle and pedlery. (Bossad. ass Mess. Rep.)

Winchester, a city, parl. and mnn. bor. of England, co. Hants, of which it is the cap., hund. Buddlesgate, on the lichin, here crossed by a modern stone bridge, 12 m. N. by R. Southampton, and 63 m. S.W. London; lat. 510 3' 40" N., long. 10 18' 26" W. The ancient parl. bor. was of very limited extent, and did not even include the whole city; but it is now wholly comprised in the modern parl. bor. (identical with the municipal bor.) with the adjacent hamlets of Winnal and St. Cross. Pop., in 1841, 9.370.

The town, standing on the declivity of a hill genty rising from the river, is regularly laid out, clean, well paved, and lighted with gas. In its centre is the High Street, a spacious thoroughfare, running from E. to W., with parallel streets on either side, crossed by others of nearly an equal length. Most of the S.E. part of the towa, but without the limits of the city-proper, is occupied by the cathedral and some other ecclesiastical edifices and their precincts. The houses are mostly substantial, and well built, many of them being in an antique style, and having a venerable appearance. It was formerly surrounded with walls; but these no longer exist; and of four ancient gates only the W. now remains.

Of the public edifices the cathedral is by far the most interesting, partly from its vast size and antiquity, partly from the variety of its architecture, and partly from its ancient importance. It was founded in 1079 by Bishop Walkelyn, a relative of William the Conqueror, who constructed the crypts, transpets, and tower, 1907 by Bishop Walkelyn, are admitted to the cathedral 3f, fin, and of the choir, 36 ft.; length of the choir, 36 ft.; length of the choir, 46 ft.; length of the transepts and entry tower was originally pure Norman, and the transepts and entry tower tower town to

of the presbytery, between the choir and the altar, is a coffin tomb said to inclose the remains of William Rufus, a coffu tomb said to inclose the remains of William Rufus, killed while hunting in the New Forest, and buried here in 1100. Several Saxon monarchs are also interred in this cathedral. Among the episcopal monuments, the most interesting are those of William of Wykeham and Waynflete, two of the most illustrious prelates of whom England has to boast. The first, who was bishop of this see from 1365 till his death in 1404, besides com-pleting the cathedral, founded and endowed a college, or school in the city, the scholars educated in which were school, in the city, the scholars educated in which we school, in the city, the scholars educated in which were afterwards to be sent to finish their university education in New College, in the university of Oxford, of which Wykeham was also the munificent founder. Wayn-sets, who was Bishop of Winchester from 1447 to 1486, founded Magdalen College, Oxford, one of the wealthiest foundations in that university. Here also are monuments in honour of the celebrated Bishop Hoadley, and of old lesse Walton the prince of angles.

in noncur of the celebrated Bishop risadiey, and of the lease Walton, the prince of anglers.

The bishopric of Winchester has long been one of the most valuable in the kingdom, its nest revenue having amounted, at an average of the three years ending with 1831, to 11,1818 a year: but, in pursuance of the recommendations of the Commissioners of Sociestastical inquiry, its revenue will be reduced on the decease of the nt incumbent.

Vor. 11.

The diocese includes 384 pars., comprising, together ith Hants, the greater part of Surrey and the Channet slands. The cathedral establishment consists of a dean, 12 canons, and 8 minor canons, who enjoy amongst them a gross annual income of about 12,000. a year. Wina gross ainutal income of about 12,000, a year. Winchester is said to have had at one time no fewer than 90 churches and chapels; but of these many were attached to monasteries and other religious establishments destroyed at the Reformation. There are still, however, as many as 9 churches in the city and auburbs. Of these the small church of St. Lawrence, scarcely visible for the buildings by which it is surrounded, is supposed to be the mother church of the city, and the bishop takes possession of the diocese by making a solemn entry into ft. St. Maurice, the principal parochial church, was pulled down in 1840, and an elegant and commodious structure has been erected on the site of the ancient edifice, which had in 1840, and an elegant and commodious structure has been erected on the site of the ancient edifice, which had become inconvenient and ruinous; the expense of its construction was defrayed by subscription. Among the other churches are St. Swithun's, built over a postern gate; St. Michael's, a handsome modern edifice in the Pointed style, &c. The livings, except St. Bartholomew-Hyde, a vicarage, and St. John's, a perpet. curacy, are all rectories, and are in the patronage either of the Crown or the Bishop of Winchester. But notwithstanding the number of its established churches dissent is here pretty preva-Dianop of Winchester. But notwinstanding the number of its established churches, dissent is here pretty prevalent; and the Independents, Baptists, Wesleyans, and Rom. Catha, have all places of worship. The chapel of the latter, a handsome edifice in the Pointed style of srchitecture, was constructed in 1792.

The colleges of subset founded as already stated by

of the latter, a handsome edifice in the Pointed style of srchitecture, was constructed in 1792.

The college, or school, founded, as already stated, by William of Wykeham, and completed in 1893, stands upon the site of a more ancient scholastic establishment. Its buildings enclose two large quadrangular courts, entered by spacious gateways; and besides apartments for the accommodation of the warden, scholars, &c., it has a noble hall and chapel. The whole structure is richly ornamented with pinnacles, buttresses, statues, &c. It is principally in the Perpendicular style. Over the door of the school, a noble hall constructed, in 1687, at the expense of gentlemen educated in the college, is a fine bronze statue of the founder, by Cibber, the sculptor, father of the hero of the "Dunclad." A building continguous to the college is appropriated to the residence of the bys attending the school, but not on the foundation, where they are placed under the special inspection of the head-master. The building formerly used for this purpose being found to be inconvenient was pulled down, as well as the bouse of the head-master, in 1839, and a new and splendid edifice has since been erected in their stead, at an expense of about 25,000%, defrayed by subcription.

as well as the house of the head-master, in 1839, and a new and splendid edifice has since been erected in their stead, at an expense of about 25,000£, defrayed by subscription.

This magnificent institution is the most ancient of the existing public schools of England, and formed the model for those of Eton, Westminster, &c. The establishment consists of a warden, a schoolmaster and tasher, 10 fellows, 3 chaplains, 3 clerks, 16 choristers, and 70 scholars; but there are in general above 200 boys in the school, including those not on the foundation. Boys on the foundation are provided with board and lodging within the walls of the college; the only payments to which they are subject, exclusive of travelling expenses, amounting to about 200£ a year. Boys not on the foundation lodge, as already stated, in an adjoining pile of buildings, under the superintendence of the head-master, and subject to college discipline. Scholars are sent, as vacancies occur, from this school to New College, Oxford. (Sec Oxford). Among the distinguished individuals educated in this school may be specified Bishop Lowth, Sir Thomas Brown, Sir Henry Wotton, Otway, the tragedian, Young, author of "Night Thoughts," Collins, the two Wartons, &c.

Among the public buildings in the High Street is 8t. John's House, an ancient structure, formerly the property of the knights templars, and an hospital. The great room in this building, 62 feet in length and finely proportioned, was streed up, in its present elegant style, by Geo. Brydges, Esq., a connection of the Chandes samily, and a liberal benefactor of this city, of which he was long a parliamentary representative. It has a fine whole length portrait of the red was a summer to the schulage and an end of the schulage are neat edifices occupied by 6 poor widows, who, exclusive of their lodging, receive a weekly allowance of 10c., and other advantages. In 1833, an important addition was made to this charty, by the erection of a building, in the Blizabethan style of architecture, with a spacious

Queen Anne. The original Winchester bushel of King Edgar, and other ancient standards of length and capacity, formerly preserved in this building, have been removed to an apartment over the W. gate of the city. A bridswell and house of correction has been erected on the site of a magnificent monastery, in which the remains of the great Alfred are said to have been interred. On the N. side of the city is the co. gaol. The co. hospital, in Parchment-street, is a fine structure, which has recently been considerably enlarged; a new corn-exchange was erected in 1838. Beyond the W. gate in an obeliak, erected in 1739, to commemorate a dreadful visitation of the places of amusement include a theatre, assembly-rooms, &c.; races take place in July, about 4 m. from the city. It has also a public-library and reading-rooms, and a savings bank. savings bank.

savings bank.

Winchester has no manufactures, but a very considerable retail trade, and all the public business for the co. is transacted within its limits. "It may be considered, without hesitation, as gradually increasing in houses, population, and wealth. A large extent of the surrounding district belongs to ecclesiastical and other corporate bodies, which, not being empowered to grant long leases, give no encouragement to building; but wherever land held in fee-simple, or freehold land, can be procured, it was obvious, from our own inspection, that houses calculated for the habitations of the industrious classes were augmenting." (Parl. Bound. Rep.) The assise courts for the co. are beld and other public business transacted in what was once the chapel of the castle, built by the Conqueror. (See past.) At the B. end of the hall is suspended a large round wooden table, 18 feet in diameter, popularly called "Arthur's Round Table," but which is, no doubt, of a much less remote antiquity. It was painted in the time of Henry VIII.

The circumstance of its being the cap. of the co. makes Winchester the residence of a great number of gentlemen aconnected with the law; and being also the residence of a number of superior clergymen, and of gentlemen attracted to the city by the beauty of the situation, and the facilities for education and amusement, the society is very superior. There are, indeed, but few places in England that seem so well fitted for the residence of people of slender fortune. Being within a very short distance of the one should be considered to the other of sendered to the constant and superior. Winchester has no manufactures, but a very consider-

seam seem so well attend for the residence of people of slender fortune. Being within a very short distance of the Southampton railway, the access to London on the one hand, and to the S. coast on the other, is as easy and ex-peditions as can possibly be desired.

peditious as can possibly be desired.

Winchester was first incorporated in the reign of Henry II. Under the Mun. Reform Act, it is divided into 3 wards, and is governed by a mayor, 5 other aldermen, and 18 councillors. It has a recorder, who holds courts and a commission of the peace, and a county court, before which 352 plaints were entered in 1848. Corp. rew, in 1847-8, 2,3994. Winchester has sent 2 mems. to the H. of C. since the 22d of Edward I. Previously to the Reform Act, the right of election was vested in the Reform Act, the right of election was vested in the members of the corporation, who had power to augment their number. Registered electors, in 1849-50, 720.

This is certainly one of the most ancient of the English towns. Under the Romans it was a place of conditional towns.

siderable importance, and it subsequently became the capital of the West Saxons. William the Conqueror srected a cattle here, under the pretence of protecting the city, which had suffered much from the incursions of erected a castle here, under the pretence of protecting the city, which had suffered much from the incursions of the Danes, but really, perhaps, in the view of overawing the inhabs. From this period, however, London became the capital of the kingdom, and Winchester gradually declined in importance. But its castle was repeatedly occupied by the Norman monarchs; Henry III., hence called Henry of Winchester, was born here in 1207, and various parliaments were held in the city in the 14th and 15th centuries. Here, also, in 1552, Henry VIII. enterained his illustrious guest, the emperor Charles V: and here the marriage of Mary, daughter of Henry, with Philip II., eldest son of Charles, was solemnised, July 35. 1554. In the reign of Charles II. it again became, though for a short period only, a royal residence. Charles, indeed, was so much attached to Winchester, that, in 1683 he employed the famous architect, Sir Cristopher Wren, to erect a new and magnificent palace on the site of the old castle. The death of the king put a stop to the progress of the building, before it was finished; and, after various mutations, it is now used as barracks.

About I m. S. from the city is the aucient hospital of \$\frac{1}{2}\$Cross, founded in 1132 by Henry of Bloia, bishop of Winchester, and brother to King Stephen. The present establishment, which approaches nearer to a monastery than any other in England, consists of a master, a chaplain, a steward, and 12 resident brethere. The buildings once composed two courts; but they have been partly pulled down. The chapel, in the interior court.

lain, a steward, and 12 resident brethren. The buildings once composed two courts; but they have been partly pulled down. The chapel, in the interior court, is built in the cathedral form, with a nave and transpta, and a low, massive tower, at their intersection, and affords a fine specimen of the transition of the Norman into the Early English style of architecture. The entrance gateway has a handsome tower, with a statue of the founder, Cardinal Beaufort.

No traces now remain of the monastery previously referred to as containing the remains of the great Aifred, rebuilt in the reign of Henry II., the revenues of which amounted at the discoulton to 866t. a year. Neither are there any remains of a university founded in the reign of Aifred, and other similar establishments.

About 4 m. E. by N. from Winchester is Avington, a fine seat belonging to the Duke of Buckingham. (Park. Reports; Canada's Britansia, Gibson's ed., I. 12., &c.; Guide to the City of Winchester; and Private Information.

Reports; Camelon's Britannia, Gibson's ed., I 124, &c.; Guide to the City of Winchester; and Private Information.)

WINDSOR, a town, parl, and mum. bor., par. and royal residence of England, co. Berks, hund. Ripplesmore on the Thames, 20 m. W. by S. London. Previously to the Reform Act, the parl, bor. was nearly co-extensive with the par.; the modern parl, and mum. bor. comprises about half the par., with the lower ward of the castle, and a small portion of the adjacent par. of Clewer; having an area of about 4,500 acres, with, in 1841, a pep. of 9,62.8 The town, partly situated on low ground, along the river, and partly on the declivity of the ridge occupied by the castle, the W. end of which is surrounded by its buildings, consists of six principal and several amaller streets, and is well paved, and lighted with gas. It communicates with Eton, on the opposite bank of the Thames, by a handsome fron bridge of 3 arches, raised on granite piers. Of late years, many buildings of a superior kind have been erected in the W. part of the town, in that portion of Clewer par. included in the modern parl, bor. The par. church is a handsome new Gothic structure: the living, a vicarage worth 600% a year, is in the gift of the crown. The guilaidanil, a need codifice supported on columns and arches of Portiand stone, occupies a conspicuous site in the High Street. On its N. side is a statue of Queen Anne, and on its 3. one of Prince George of Denmark: in the interior are numerous portraits of royal and other distinguished persons. The cavairy and infantry barracks, the new royal stables, a neat theatre built in 1815, and acreral dissenting chapels, are among the other principal buildings. The charity school, founded in 1705, had as the date of the late enquiry an income of 1674. a year, and was attended by 35 children; it has, also, a ladies charity school for girls, national and Sunday schools, &c. George III. established an hospital for invalid soldiers in 1784; a lying-in charity was founded in 1801, and the royal general George III. established an hospital for invalid solddiers in 1784; a lying-in charity was founded in 1801, and the royal general dispensary in 1818, and there are numerous minor charities having an aggregate income of about 800L a year. Windsor was first chartered in 1276, by Edward I., in the 30th of whose reign it began to s-nd mems to the H. of C., though returns have been regularly made only since the 28th Henry VI. The right of voting was formerly in householders paying soot and lot, who had resided for 6 months within the bor. Under the Boundary Act the alterations previously alluded to were made in the limits of the bor. Reg. electors, in 1849-50, 679. Under the Mun. Reform Act the bor. is 1849-50, 679. Under the Mun. Reform Act the bor. is of the peace, and a county court, before which 737 plaints were entered in 1848. Corp. revenue, in 1847-8, 1,522. Windsor has no manufacture of importance; and being out of any principal line of road, its trade is merely one Windsor has no manufacture of importance; and being out of any principal line of road, its trade is merely one of retail, being confined to the supply of goods to the inhabs, and visitors. It has numerous inns and lodging houses, though, cousidering the resort of company to the town, the former are certainly of a very inferior description to what might have been expected. The ale of Windsor enjoys a considerable reputation, and is sent to London and other places. The town supports 2 weekly newspapers. Markets, Wednesday and Saturday, the latter principally for corn. Fairs, Easter Tuesday, July 5, and October 4, for horses, cattle, sheep, and wool. (Bound, and Man. Corp. Reports; Private Information.)

Windson, and mest. Corp. Reports; Freeze Information.

Windson Castle is the principal country seat of the sovereigns of England, and one of the most magnificent royal residences in Europe. It appears to have been founded by William I. soon after the Conquest, and it has been enlarged or embellished by the greater number of his successors, particularly by Edward III., George III., and George IV. Under the latter it was, indeed, in great part rebuilt, and the latter it was, indeed, in great part rebuilt, and throughout renovated by Sir Jeffrey Wystville, and has been fitted up in the most splendid style. Being placed on the summit of a lofty eminence rising abraptly on the S. side of the river, it commands very extensive views, and is, at the same time, a most conspicuous and interesting object from all the surrounding country. It

⁹ Eton and Windsor being so closely commercial as to form in office town, it is not easy to see any good grounds for enclosing the form from the past, bor. This sections will impose the more remarkable that is borne in mind that the limits of the part, bor. were not when it is borne in mind that the limits of the part, bor. were not the control of the Control, excepted by the past of the Control of the

is of an oblong form, and is divided into an upper, a middle, and a lower ward, the entire area comprised within its outer wall being about 12 acres. The upper or E. ward consists of a quadrangle, having on the N. the state apartments shown to the public:

on the N. the state apartments shown to the public; on the S. the apartments appropriated to the use of visiters; and on the E. the private apartments of the sovereign: on the W. the upper ward communicates, by the Norman and St. George's gateways, with the middle ward, a narrow inclosure round the base of the Round tower which crowns the support of magnificial middle ward, a narrow inclosure round the base of the Round tower, which crowns the summit of an artificial mound in the centre of the castle. The lower ward, which is considerably smaller than the upper, has on its S. and W. sides the houses of the military knights, and the Salisbury, Garter, and Bell towers; and on the N. St. George's chapel, and Wolsey's tombhouse, be-hind which are other buildings inclosing several smaller cuadrancles: it is entered from the town of Windows at hind which are other buildings inclosing several smaller quadrangles: it is entered from the town of Windsor at the S.W. corner by Henry VIII.'s gateway. On the N. side of the Castle, outside the state apartments and middle ward, is the North Terrace, originally constructed by Queen Elizabeth, and afterwards enlarged and improved by Charles II. This noble walk, resting partly on precipitous ledges of rock, and partly on masonry, rises about 70 ft. over the meadows at its base, and is at once the finest terrace of its kind in the kingdom. and a distinguishing feature of the Castle. base, and is at once the mess terrace of its kind in the kingdom, and a distinguishing feature of the Castle. On the E. side of the Castle, opposite her Majesty's pri-vate apartments, are the sunk or royal gardens, comprising about 2 acres.

prising about 2 acres.

The principal and most magnificent entrance to the Castle is on the S., by the gateway of George IV., between the York and Lancaster towers. The York tower, on the right hand, formed part of the ancient edifice; but the Lancaster tower is wholly new, its foundation having been laid on the 12th of August, 1824. foundation naving been laid on the 12th of August, 1824. The towers are symmetrical, being about 100 ft. in height, with machicolated battlements. Immediately opposite to this gateway is the principal entrance to the state apartments. The grand staircase, with the guardroom at its top, is, perhaps, among the happlest efforts of Wyatville's genius. The staircase is lighted by an octaonal landers 100 ft. about the payment and her of Wyatville's genius. The staircase is lighted by an octagonal lantern 100 ft. above the pavement, and has a marble statue of George IV. by Chantrey. In the vestibule is the collection of paintings by West, representing the exploits of Edward III.; and in the guard chamber are the coats of mail worn by John king of France, and David king of Scotland, while prisoners in the castle, with busts of Mariborough, Wellington, and Nelson, the latter on a pedestal formed of a portion of one of the masts of the Victory.

The decorations of the king's drawing-room are very superb: the ceiling is painted in compartments.

very supers: the ceiling is painted in compartments, representing the restoration of Charles II., the labours of Hercules, and other subjects; and on each bours of Mercules, and other subjects; and on each side the room are numerous paintings by Rubens, and the arms of several of the English kings. The ceiling of the audience-chamber has an allegorical representation of the church of England; and in the same apartment are West's Installation of Knights of the Casting and assembly partials. The hall room 96 foot apartment are West's Installation of Knights of the Garter, and several portraits. The ball room, 96 feet in length, 32 feet in width, 31 do. in height, is finished in the gorgeous style of Louis XIV. It is hung in part with Gobelin tapestry, representing the story of Jason and the Golden Fleece, said to have belonged to the unfortunate Marie Antoinette. St. George's Hall, the banqueting room of the knights of the garter, is 200 feet in length, with an arched ceiling divided into compartments and panels, in which are nearly 700 shields, embazoned with the arms of the knights down to the present time. At the E. end is the throne, under a rich canopy; blazoned with the arms of the knights down to the present time. At the E. end is the throne, under a rich canopy; and on the S. side of the hall are the portraits of the dif-ferent sovereigns, from James I. to George IV., by Van-dyck, Lely, Kneller, Lawrence, &c. The Waterloo chamber, 100 feet in length by 46 in width, has portraits, principally painted by Sir Thomas Lawrence, of most of the sovereigns, warriors, and statesmen who took a pro-minent part in the contest with France terminated by the the sovereigns, warriors, and statesmen who took a pro-minent part in the contest with France terminated by the battle of Waterloo. The other state apartments do not require any particular notice; they have the inconve-nience of all entering from each other, so that to get to the last in the range all the others must be gone through.

the last in the range all the others must be gone through. The entrance to her Majesty's private apartments is at the S.E. corner of the upper ward, through a handsome hall, from which a double staircase leads to a magnificent corridor 500 feet in length. The private apartments consist of a dining-room, 50 feet in length by 37 in width; a drawing-room, 66 feet in length by 25 in width; a smaller drawing-room, 40 feet in length by 25 in width; library, 50 feet in length by 40 in width; with bed-rooms, dressdrawing-room, 40 rees in length of 38 in which; increary, 50 feet in length by 40 in width; with bed-rooms, dressing-rooms, boudoirs, &c. These rooms are, as might be expected, most sumptuously furnished. The apartments for servants occupy the lower and higher stories of the

pance.
The round tower was originally built by the celebrated
William of Wykeham, the architect employed by Edward
III. It stands on an artificial mound, and is approached

by a covered flight of 100 steps. From a court in the Interior, another flight of steps leads to the battlements whence, in a clear day, portions may be seen of no fewer than 12 cos. This tower, which has been much modernized, is 32 feet higher than formerly, and is surmounted by a turret 20 feet in height, whence the royal standard is displayed: it is the residence of the governor of the Castle. At the base of the tower is a bronze equestrian statue of Charles II., erected by one of his pages.

The great object of interest in the lower ward is St. George's Chapel. "This is one of the finest perpendicular buildings in the kingdom: it is regular in its plan, and nearly all in one style. It is a cross church, with the transepts ending in octagonal projections which have 2

nearly all in one style. It is a cross church, with the transepts ending in octagonal projections which have 2 heights of windows. At each end of the aisless are also small octagonal projections sideways; all these are sepasmail octagonal projections sideways: all these are sepa-rated by screens, and form monumental chapels. In the E. wall of the chapel is a doorway of early English date; and perhaps other portions of a date prior to the present chapel may remain; but the whole of the chapel is a specimen of the perpendicular style in its advanced, but not latest, period. The roof of the nave is painted with armorial bearings, and the whole highly coriched, so that it now presents one of the best examples of the armortas bearings, and the whose nignry currence, so that it now presents one of the best examples of the capability of English architecture for the reception of splendid colouring and gilding." (Rickman's Gothic Archit., 124.)

The interior is divided by the screen and organ gal-lery into two parts, the body of the chapel and the choir. The W. end of the former is wholly occupied by an enor-The Interior is divided by the screen and organ gallery into two parts, the body of the chapel and the choir. The W. end of the former is wholly occupied by an enormous window, fitted with painted glass, which, however, is deficient in brilliancy and richness of colouring. The fittings of the choir are mostly modern. St. George's Chapel was built between 1474 and 1516, chiefly under the direction of Beauchamp, bishop of Salisbury, and Sir Reginald Bray, minister of Hen. VII. It has served as the burial place of Hen. VI. (removed hither by Rich. 111. from Chertsey), Edw. IV. and his queen, Hen. VIII. and Jane Seymour, and Charles I. It has a few old monuments, including that of Edw. IV., of hammered steel. Here also is a monument in honour of the late Princess Charlotte; but it is generally admitted to be in bad taste, stiff, and unnatural. Adjoining the chapel on the E. is Wolsey's tomb-house, built by Hen. VII., but which afterwards came into the possession of the Cardinal. James II. fitted it up as a Rom. Cath. chapel. It remained unoccupied from this ara down to that of George III., by whom it was repaired, and a vault beneath it fitted up as a mausoleum for the royal family; and in it are now deposited the bodies of Geo. III. and kis queen, Geo. IV., Will. IV., the Dukes of York and Kent, the Princess Charlotte, the Princess Augusta, &c. But despite its magnificence, we confess that Windsor Castle appears to us to be extremely deficient in many things that one should expect to meet with in an ancient and savourite seat of the kings of England. Except the associations connected with the building, and the names of some of its, towers and apartments, it has but little to connect it with the nation, or to make it an object of interest. In its interior, every thing has been allowed to continue in its ancient state, to carry us back to the

to gratify the taste of Geo, IV. for ostentation and vul-gar finery. Not a single apartment has been allowed to continue in its ancient state, to carry us back to the days of the Edwards, the Henrys, Elizabeth, or even the Stuarts. Every thing that was venerable for its anti-quity, or interesting from its history or associations, has been demolished or changed; so that one might sup-mass it had been wholly constructed within the last 90 pose it had been wholy constructed within the last 30 years. Nor is there any thing in the fittings-up and embellishment of the apartments to atone for the destruction or metamorphosis of all that was old and interesting in the building. It has nothing to mark it out as the chosen seat of the constitutional sovereign of the British empire. Excepting the busts of Marlborough, British empire. Excepting the busts of Marlborough, Wellington, and Nelson, there is hardly, in the state-apartments, any memorial of any one of the many great men whose exertions have contributed to increase the power and glory of the British nation. We look in vain for either busts or portraits of Shakspeare, Bacon, Milton, Newton, Locke, Dryden, and Pope. Much as the English nation owes to Watt and Arkwright, Windsor Castle has no monument of either the one or the other. And the same may be said of most of wright, windsor Castle has no monument or either the one or the other. And the same may be said of most of our great parliamentary leaders, and even of the men who brought about the Revolution, and placed the Hanoverian family on the throne. The library is wretchedly deficient in books connected with the history and state of the country and its colories. dencient in books connected with the instory and state of the country and its colonies; and, vast as is the building, it has neither a theatre nor an opera-house. One, in fact, might suppose that it had been fitted up for the resi-

fact, might suppose that it had been fitted up for the residence of some opulent upholsterer; and except in its fine situation, size, and external appearance, it has but little appropriate to or worthy of its destination.

The Little Park is a fine expanse of lawn comprising nearly 500 acres round the E. and N. sides of the Castle. In it is the tree usually supposed to be identical with the Herne's Oak of Shakspeare. Windsor Great Park com-

prises about 3,400 acres on the S. side of the castle, being well wooded, and exhibiting a great variety of ground. Here is the long walk, a noble avenue, nearly 3 m. in length, extending in a straight line from the grand entrance to the Castle to the top of a hill, on which a coloral bronze equestrian statue of Geo. III., by Westmacott, has been erected. On the S. side of this hill is Virginia Water, an artificial lake, with a fishing temple in the Chinese style. Windsor forest, the theme of Pope's fine poem, is a tract 86 m. in circ., taid out by William the Conqueror for the purposes of hunting, and kept up by the succeeding sovereigns. Latterly, however, it has been mostly enclosed. Its limits embrace one market town, Wokingham, and numerous villages. Old Windor, where the Saxon monarchs are said to have had a residence, is on the Thames, about 1 m. S.E. Windsor, for the history of the Castle the reader may refer to 1 yson's Magna Britannia, i. pp. 415—432.)

WIRKSWORTH, a market town and par. of England, hund, of same name, co. Derby, at the S. extremity of the lead mining district, 12 m. N.N.W. Derby. Area of par., 14,640 acress. Pop. of do. in 1841, 7,891. The town, in a valley nearly encircled by hills, consists principally of 2 streets formed by the interaction of 2 turnpike roads at right angles. The church of St. Mary, a spacious edifice in a mixed style of architecture, consists of a nave and side alsles, a N. and a S. transept, a chancel, and a square tower supported on 4 massive pillars. The living, a vicarage worth 1641, a year, is in the gift of the Dean of Lincoln. There are chapels for Baptists, Independents, and wesleyans. A free grammar school, founded and endowed in 1570 by Anthony Gell, Esq., for an unlimited number of scholars, has an income of above 2001. a year. There are reserval almshouses, and the hunds for gengral charities yield an t-rises about 3,400 acres on the S. side of the castle, being

grammar school, founded and endowed in 1870 by Anthony Gell, Esq., for an unlimited number of scholars, has an income of above 2002. a year. There are several almshouses, and the funds for general charities yield an income of above 1202. a year. The moot and seasions hall, erected in 1772, is a handsome stone building with shambles underneath. The lead mines in the vicinity, though now comparatively neglected, still furnish employment for a considerable number of the inhabs. In 1838, there were 3 cotton mills at work in the par., employing 612 hands. The other branches of industry consist of silk weaving, wool combing, and the making of hats, tapes, and hoslery. The Cromford canal passes about 14 m. to the N. of the town, crossing the Detwent by an aqueduct of one arch 80 feet in span; and the High Penk railway has also its terminus a little to the N. of Wirkworth. The town is under the jurisdiction of a constable and headborough. Petty sessions for the hund, are held weekly, and 4 manorial courts every year in the moot hall, in which all business relating to the mines is decided. The manor of Wirkworth forms a part of the duchy of Lancaster. It was acquired by Sir Richard Arkwright, the great founder of the cotton manufacture, who died at his house at Cromford in this par. in 1792, and is now held by his son, Richard Arkwright, Esq. Market day, Tuesday; fair 4 times a year for horned cattle. (Besuties of England and Wales, art. Derby; Rep. on Mills and Factories; Charrity Reps., etc.)

Derby; Rep. on Mills and Factories; Charity Reps., §c.).
WIRTEMBERG (Germ. Wurtemburg) KINGDOM OF, one of the secondary states of the German Confederation, in the S. part of which it is situated, between lat. 470 ½ and 480 32 N., and long 80 1½ and 100 30 E., having N., W., and S.W. the territory of Baden; E. and R.E., Bavaria; and S., the Lake of Constance, and the Hohensollern principalities, which last it nearly encloses. Its area, pop., subdivisions, &c. are given as follows, in the Aimsmach de Gotha, for 1842.

Circles-	Area in Engl. sq. m.	Pop. in 1838.	Pop. to	Ch. Towns.
Neckar Black Forest Danube Jaxt	1,505 1,861 2,549 2,124	458,143 443,187 380,090 368,419	851 238 149 173	Stuttoand Reutlingen Ulm Eilwangen
Total -	7,840	1,649,639	216	

fruit and corn, to 2,000 ft.; and that of corn and forests comprising all above the latter elevation.

truit and corn, to 2,000 ft.; and that of corn and forces, comprising all above the latter elevation.

Agriculture is the principal occupation of the mass of the pop. The arable lands have been estimated to comprise about 2,440,000 morgen; vineyards, 84,773 de.; prices about 2,440,000 morgen; vineyards, 84,773 de.; graden and orceats nearly 2,000,000 do. Spelt, oats, barley, rye, as wheat are the grains principally cultivated; and a large quantity of corn is usually produced than is required in home consumption; in 1834, a surplus of 740,000 achight was exported. Potatoes are raised in large quantities; and Berghaus has estimated the amount crop at 3,002,000 scheffis. Pease, beans, turnipe, hope, and tobecco, as only partially cultivated. The wines grown on the Keckar are tolerably good; and altogether Wirtesberg produces annually about 155,000 elmers of wine, of the is grown at a considerable elevation on the banks of the Lake of Constance, and elsewhere, and is of a this aid indifferent quality. Apples, pears, apricots, and other fruits of temperate climates, including even figs and molons, come to perfection, and small quantities of ciderand pears are made. The forcets are a secondfruits of temperate climates, including even figs and as-lons, come to perfection, and small quantities of cider and perry are made. The forests are an important source of wealth. Pine, fir, and codar are the principal kinds of trees; but oaks, beeches, fcc. are also numseros. The timber cut in the Black Forest is estimated to pen-duce upwards of 400,000 fl. a year. According to Be-ghaus, there are upwards of 800,000 head of casts, 93,000 horses, 596,000 sheep, and 122,000 hogs in the kingdom; and the value of the wool produced anneally may be about 1,713,000 fl. (Ally. Länder, \$c., iv. 50.1 There are numerous associations for improving the different branches of rural industry; and government spends considerable sums in the encouragement of agri-culture.

culture.

Salt is one of the principal mineral products, and between 400,000 and 500,000 centners a year are obtained from salt springs; of which quantity, about 230,000 centners are consumed in the country, the rest being exported, principally to Switzeriand. Coal and lignite as found, but in no great quantities; iron ore, slate, belifing and mill stone, alabaster, gypsum, nitre, and potter clay are, however, more or less abundant; and in the Black Forest are several mineral springs frequented by visitors. visitors.

Black Forest are several mineral springs frequenced by visitors.

Manufactures of linen and linsey-woodsey fabrical hostery, and woollen cloths are carried on in most of the peasants' houses; and in some places to such an extentat, in the little village of Laichingen, there are all hand-looms, which annually produce 400,000 ells of lines. The manufacture of wooden clocks, toys, &c., experted to all parts of Europe and America, is extensively carried on in the Black Forest and other parts. Cotton yarn is spun, and cotton cloth woven by machisery, a Stuttgard and Obendorf; and woollen yarn, stockings, leather, paper, glass, and tobacco, and tobacco-pipes are manufactured in the principal towns: and there are also a good many dreing-houses, glue factories, brewsh, distilleries, &c. The principal exports consist, however, of cattle, wool, corn, timber, fruit, wine, aceds, hence, iron, salt, pitch, tar, oil, and other raw products, which are sent down the Neckar, Rhine, and Danubs. The total value of the exports and imports may be respectively estimated at from 15,000,000 to 18,000,000 ft. a year. Wirtemberg, at one period, proposed with Bavaria to jest Wirtemberg, at one period, proposed with Bavaria to jest Austria in a commercial union, for the S. of Germsss, in opposition to that established by Prussia in the N.; but the proposal being rejected, Wirtemberg, like Bavaria and Baden, is now a member of the Prussian Commercial Commerc

varia and Baden, is now a inclusive of the second mercial League.

Accounts are kept in guiden or florins, worth about 1s. 84s., divided into 18 battern, or 60 kreuwarrs of 6 kellers each. The ell, about 3 ft. English; the merges — nearly 2-8ds acre; the scheffel = 7,538 cub. in.

The Government is an hereditary monarchy, limited by the constitution of 1819. The parliament consists of 2 chambers, called together every 3 years, or oftware, it necessary. The first chamber is composed of the subordinata members of the royal family, the medicalized Total - 7,840 1,649,859 216

Physical Geography, &c. — The surface is in great part mountainous, being covered by ranges of the Black Forest (Schwarzwalde), Suabian, and Raube mountains. The Oberhohenberg, near Dellingen, rises to about 3,378, and the kniebls to 8,100 ft. above the sea; but, in general, the various ranges are less than 3,000 ft. in beight. Wirtemberg belongs partly to the basin of the Danube, and partly to that of the Rhine; besides which the principal noble and the towns of Stuttgard, Tubingen, Ludwigsburg, Elivaspend and partly to that of the Rhine; besides which the principal noble and the towns of Stuttgard, Tubingen, Ludwigsburg, Elivaspend and partly to that of the Rhine; besides which the principal noble and the towns of Stuttgard, Tubingen, Ludwigsburg, Elivaspend the mean temperature of the year is about 510 Fahr. The quantity of rain that falls varies, in different places. The climate is mild in the sheltered valleys: at Stuttgard is divided into civil, crassform 30 to 46 inches a year; but at Stuttgard is about 529 inches. As respects its productions, the country may be divided into 3 zones: the region of the vine, which extends to about 1,000 ft. above the sea; that of the religious persuasion of the people. Of the pop, is WISBEACH.

1838, 1,124,929 were Lutherans; 418,290 Rom. Caths.; and 11,265 Jews. In respect of education, Wirtemberg ranks very high. In 1830, it was estimated that 1 in 7 of the pop. was receiving public instruction; and, according to Berghaus, every individual in the kingdom is able to read and write, except a few in that part of the country called the Susbian Terrace, where the Neckar rises. It has a university (at Tubingen), a lyceum, and gymnasiums, in all the principal towns, with ecclesiastical, clitzens, and other schools; and a primary school in every village. The total armed force consists of 19,500 men, including 8 regiments of infantry, 4 of cavalry, and 3 companies of artillery, with train, &c. The public revenue, at an average of the 4 years ending with 1841, amounted to 9,667,835 Rhenish florins a year: the public debt, in 1839, was 24,024,179 ft. 24,024,179 fL

24.024,179 ft.

Mr. Loudon, who travelled over most part of Wirtemberg, in 1828, says, "From what I have seen of this country (Wirtemberg) I am inclined to regard it as one of the most highly divilised in Europe. I am convinced that the great object of government is more perfectly attained here, than even in Great Britain; because, with an almost equal degree of individual liberty, there are incomparably fewer crimes, as well as far less poverty and misery. Every individual in Wirtemberg reads and thinks, and to satisfy oneself that such is the case, he has only to enter into conversation with the first necessart. thinks, and to satisfy oneself that such is the case, he has only to enter into conversation with the first peasant he meets: and observe the number and style of the journals that are everywhere circulated; and the multitude of libraries in the towns and villages. I did not meet with a single beggar in Wirtemberg, and with only one or two in Bavaria and Baden. The dress of the inhabs. of Wirtemberg, as well as those of a great part of Bavaria and Baden, appeared to me to indicate a greater degree of comfort than I had ever observed in any other country, with the exception, perhaps, of Sweden and of the Lowlands of Scotland." (Loudon's Letter to Count Lastewerte.)

of comfort than I had ever observed in any other country, with the exception, perhaps, of Sweden and of the Lowlands of Scotland." (Losdow's Letter to Count Lasteyrie.)

History.— Wirtemberg derives its name from a castle near Stuttgard, the principal seat of the reigning family. It was formerly a dukedom. The French overran the country in 1796; but the sovereign having made his peace with the conquerors, important additions were made to his territories in 1800; and soon after the battle of Austerlitz, Napoleon raised the duke to the rank of king. Under the congress of Vienna, Wirtemberg holds the sixth rank in the German Confederation, with votes in the full diet and I in committee; and contributes 18,955 men to the confederated army. (Bergkoss; Allg. Lånder, &c.; Stefm's Handbuk der Geog., Dict. Geog.; Memminger; Beschr. som Wurtemburg.)

WISBEACH, a mun. bor., market town, river-port, and par. of England, co. Cambridge, hund. Wisbeach, in the 1sle of Ely, close to the border of Norfolk, on the Nene, here crossed by a fine stone bridge of one arch, in the 1sle of Ely, close to the border of Norfolk, on the Nene, bere crossed by a fine stone bridge of one arch, in the 1sle of Ely, close to the border of Norfolk, on the Nene, as co-extonsive with the par. of St. Feter's: the modern bor. is much more compact, and of less extent, but comprises a suburb of Wisbeach called New Walsoken, on the E. side of the river, excluded from the old bor., and has an area of about 1,200 acres, with a pop., in 1831, of 8,100. The central and main portion of the town lies in an angle between the Nene and Wisbeach canal: other streets extend for some distance N. and S. along both banks of the river, and along the canal, by which the town communicates with the Ouse in a S. E. direction. Most part of the houses on the E. side of the canal belong to the par. of Walsoken, in the co. of Norfolk: this suburb has been built within the last thirty years, and appears to be still extending. The inhabe consist chiefly of the labouring classes

WISCONSIN.

928
Magdalen College, Cambridge. Among the other educational establishments are two charity-schools, partly supported by voluntary contributions, but chiefly by bequests; one for boys having an income of above 250t. a year, and one for girls, of above 230t. a year. There are 18 well-endowed almshouses, and the funds in the hand of the corporation for the support of schools, almshouses, apprenticing of children, loans, and the guest relief of the poor, are said by the Commissioners of Charity Inquiry to have amounted to above 1,130t. a year.

Wisbrach has no staple manufacture; but it has an iron foundery, yards for building and repairing vessels and boats, rope-walks, an extensive brewery, and several large malting establishments. The trade of the town is considerable, from its being the emporium of an extensive tract of country. The exports principally comist of corn, wool, rape-seed, and other products of the fens; and the imports of coal, timber, groceries, &c.

of the fens; and the imports of coal, timber, groceries, &c.

The trade of the port has been largely benefited by the great improvements that have been made, under acts passed in 1837 and 1839, in the course of the Nene from Wisbeach to its outfall in the Wash. These consisted principally in deepening and straightening the bed of the river, and in the drainage and embankment of the adjacent fens. This important work cost about 200,000t., of which 30,000t. was contributed by the corporation of Wisbeach, who were at the same time authorised to levy increased port-dues (now 3d. per ton) on vessels frequenting the port. The latter may now be reached by a comparatively safe and speedy navigation, at spring tides, by vessels of 100 tons burden, and, at other times, by vessels of 80 tons. There belonged to the port, in 1845, 75 vessels of 50 tons and upwards, having an aggregate burden of 9,351 tons. The gross customs duty collected in the same year amounted to 11,288t. The increase in the amount of shipping belonging to the port, which has nearly trebled since 1835, when the Nene Outfall was fluished, and of the customs' duties, shows the substantial advantages it has derived from that improvement.

mas finished, and of the customs' duties, shows the substantial advantages it has derived from that improvement.

"The town is apparently prosperous; its trade is extending, the value of property in the neighbourhood has increased, local taxation is stationary, and labour well paid. The inlabs, are said to be characterised by industry and prudence. Education among them is general, and few serious crimes are committed." (Appendix to Music. Corp. Report)

Wisbeach received its first charter of incorporation from Riw. VI., others being granted to it by James I. and Charies II. Under the Mun. Reform Act, it is divided into two wards, and governed by 6 aldermen and 18 counciliors. The corp. revenue, which principally arises from harbour dues, was, in 1847-48, 3,1914. Wisbeach has a commission of the peace, petty sessions, and a county court, before which 89 fplaints were entered in 1848. The assises are held here annually. The ancient castle of Wisbeach was long the episcopal palace of the bishops of Ely, but no traces of it now exist. A cattle-market was established in 1810. Wisbeach has frequently suffered from inundations. Market-day, Saturday. Fairs dive times yearly, chiefly for cattle, horses, hemp, and fax. (Parl. Reps., art. Beproan Lavat, in this work, and Private Information.)

WISBY a town of the island of Gottland, which see.

WISCONSIN, one of the recently formed states of the American Union, comprised between the 42nd and 47th degrees of N. lat., and the 87th and 93rd of W. long.; having N. Lake Superior; N.E. and E. the State and Lake of Michigan; S. Illinois; and W., lowa and Minesota, from which it is partly separated by the Mississippi. Its area may be estimated at about 54,000 sq. m. Pop., according to the census of 1850, 305,596. It is in part broken by various billowy ridges, which, however, nowhere rise much above the general level. The N. part abounds with lakes; giving rise to streams flowing R. to the great lakes of the St. Laurence Basin, but mostly W. and S. to the Mississippi. The Wiscons

is a deficiency of timber. Green Bay, an arm of Lake Michigan, and nearly parallel to the latter, has several good harbours. Milwalkle, on Lake Michigan, is the best harbour between Green Bay and Chicago, in Illinois,

at the bottom of the lake. In no part of the U. States have pop, and improvement advanced more rapidly than in the S. part of this state: And in proof of this it is only at the bottom of the lake. In ho part of the U. States have pop. and insprovement advanced more rapidly than in the 5. part of this state: And in proof of this it is only necessary to mention that no fewer than 630,000 acres of public kinds were sold in Wisconsin in 1847, being a greater quantity than was sold, during the same year, in any other state of the Union; and that Milwaukie, already referred to, which was only founded in 1837 or 1838, had, in 1849, about 17,000 inhabs., while the exports of wheat and four from it, in that year, amounted respectively to 1,136,428 bush and 186,537 bar. I (See Miswaukie, in Sure). The congress of the U. States have given a grant of about 500,000 acres of land for the construction of a canal through the centre of the state, uniting Green Bay and Lake Michigan with Wisconsin river and the Mississippi; and a railway is, also, being made from Milwaukie to the Mississippi. The crops of Wisconsin, in 1848, were estimated at, wheat, 1,500,000 bush; oats, 2,500,000 do.; maize, 1,500,000 do., with buckwheat, rye, &c. The legislature consists of a house of 5t representatives annually elected, and of 18 senators biennially elected. The governor has 1,250 doll. a-year of salary; and the judges of the supreme and circuit courts, who are elected for 6 years, have each 1,500 doll. a-year. Ample provision has been made for education; and in 1849 the public schools were attended by 32,174 pupils. An institution for the instruction of the bilind has been opened at Janesville. Maddison is the seat of government, but Milwaukie is by far the largest town of the state. The enrolled militia amounted, in 1850, to 32,203 men. Wisconsin, after having been formed into a territory, was admitted as a state into the Union, 29th May, 1848. (American Almanac for 1851, and Official Returns.)

(Histois Returns.)
WISMAR, a town and sea-port of N. Germany, in Mecklenburg-Schwerin, cap, lordship of its own name, at the bottom of a deep bay at the confluence of the Stor with the sea, 18 m. N. by E. Schwerin; lat. 33° 49° 28° N., long. 11° 38° 15° E. Pop. 11,500. The harbour, which is very extensive, is commodious and safe, being nearly land-locked by the islands of Poel and Wallfach. Close to the town there is from 8 to 21 to mater. In attention, the control of the safe, being the safe to the safe nearly land-focked by the islands of Poel and Wallfach. Close to the town there is from 8 to 8½ ft. water; in the inner roads there are from 12 to 13 ft., and in the outer from 16 to 20 ft. water. The town is fortified, and has 6 churches, 3 hospitals, several schools, &c.; with manufactures of tobacco, playing cards, sall-cloth, and other fabrics, breweries, and distilleries. Ship-building is also carried on to some extent; and Wismar is second in commercial importance to no town in the Grand Duchy but Rostock. The articles of import and export are the same as at Rostock (which see), but the trade of the town is more limited. It appears to have been founded in 1229, and afterwards became one of the Hanse fuwns.

fowns.

WISSEMBOURG, a town of France, dep. Bas-Rhin, cap. arrond., on the Lauter, on the Bavarian frontier, 33 m N. by E. Strasbourg. Pop. in 1846, 6,273. It is a fortised town, and of some importance, as it commands a defile leading from the plain of the Rhine into the Vosgee mountains, and is connected with a system of mailitary works stretching along the course of the Lauter for some distance, called the lines of Wissembourg. It has an old collegiate church, built in 1288; a Protestant church, in which is a bust of Luther; barracks, &c.; and manufactures of hosiery, straw hats, soap and earthenware. It originated in an abbey founded here in the 7th century, and was annexed to France by the treaty of Ryswick.

earthenware. It originated in an abbey founded here in the 7th century, and was annexed to France by the treaty of Ryswick.

WITNEY, a market town and par. of England, co. Oxford, hund. Bampton; on the Windrush, a tributary of the Thames, 10 m. W. by N. Oxford. Area of par. 7,450 acres: pop. of ditto, in 1841, 5,707. It is well-built and cheeriul; the main street being on the high road between Burford and Woodstock. The town-hall, a stone building, has beneath it an area used for a market-place. Near it is the market cross, erected in 1633, and repaired by subscription in 1811; and in the High Street is the staple or blanket hall, a handsome stone edifice, built in 1721. The church, at the S. extremity of the principal street, is one of the handsomest in the co., being a large cruciform structure in the early English, Decorated, and Perpendicular styles, with a tower and lofty spire, ornamented with minarets. In the N. transept is a fine window; and within the building are several ancient monuments, and a handsomely carved and gilded burial chapel. The living, a very valuable rectory, being worth 1,2902. a year, is in the gift of the bishop of Winchester. Here, also, are places of worship for Wesleyans and independents. The free grammar school, founded in 1660, for 30 boys, comprises a spacious school-room, library, and apartments for the master. Another free school, with a small endowment, was established in 1933. A school for the education, clothing, and apprenticeship of weavers' sons, was founded in 1783, and it has besides a national school and several almshouses.

Witney was long celebrated as a principal seat of the blanket manufacture; and, in the reign of Queen Anne,

the weavers of the town and adjacent district were as corporated into a company. But the trade has long been of very inferior importance, and the weavers' corporated has falsen into disue. Since the peace especially, as the introduction of machinery into the bearinese, blanker weaving has rapidly declined at Witney, and meet part of the fabrics now sold as Witney blankets see, in fact, made in Giamorgansbire, and elsewhere. Some rough coatings, tiltings for barges and waggrous, and sharing for nan-makers, are, however, made here: and, a rough commes, nitings for barges and waggons, and failing for paper-makers, are, however, made here: made 1838, there were in the parish 5 woodlen multis, exploying 283 hands. (Mills and Factories' Resport, by The glove manufacture also employs a few hands; weistapling is carried on to some extent, and the town has a considerable trade in malt.

stapling is carried on to some catests, and a me towns as considerable trade in malt.

Witney was made a parl bor, in the time of Redward II, but its privilege was withdrawn on the pectition of the inhabs, in the succeeding reign. It is governed by 2 builds and 2 constables, chosen at the annual court less; and is court baron, presided over by the Duke of Mariborough, so opened twice a year. Witney is of considerable antiquity, and its maner is stated to have been one of those gives to the monastery of St. Swithin, Winchester, in the reign of Edward the Confessor. Market day. Thursday; fairs 5 times a year, for cattle and cheese. (Boundes of England, art. Oxford; Lrwis's Topog. Dict., dr.)

WITEPSK, or VITEBSK, a governm. of Raroness Russia, principally between the 55th and 57th dega of N. lat., and the 35th and 23td of E. long.; having N.E. the gov. of Pskof, S.E. Smolensko and Mogfailed, S.W. Mintk and Courland, and N.W. Riga. Area. 16,500 sq. m. Pop. in 1846, 789,500. Surface generally level, though

the gov. of Pakof, S.E. Smolensko mod Beograties, 3.W. Minsk and Courland, and N.W. Riga. Area. 16,260 sq. s. Pop. in 1846, 789,500. Surface generally level, though on the banks of the rivers there are occasionally smell on the hanks of the rivers there are occasionally smell on the hanks of the rivers there are occasionally smell of the former, which all flow towards the Baltic, the Dwins is the orincipal. Notwithstanding the soil is but of medicine fertility, and agriculture is in a very back ward state, more corn is produced than is required to supply the wasts of the inhabs. Hency and flax are grown on a large scale, pease, beam, hops, fruit, &c., in the smaller incicosrate. The forests are very extensive, 131,600 deciatines of forest land belonging to the crown. The grass lands are also extensive, and a good many horses and cattle are reared, though of inferior breeds. The sheep yield only coarse wool; and honey is, also, of inferior quality. The mineral products and manufactures are busing-ficant; the last being, with the exception of a few cloth factories, almost wholly restricted to distilleries and tenneries. The trade of the government is facilitated by the Dwins and the canal of Beresina: it is principally in the hands of the merchants of the principal towars, many finance at laws. the Dwina and the canal of Beresina: it is principally it the hands of the merchants of the principal towas, man of whom are Jews. This gov. is divided into 12 circles ch. towns, Witepak, the cap., Wielis, Dunaburg, am Polotak. In 1833 it had 34 public schools, attended by about 1,100 pupils, besides three lyceums, and seven private schools.

Polotak. In 1832 it had 24 public schools, attended by about 1,100 publis, besides three lycours, and seven private schools.

WITPERS, a town of Russia, cap. of the above gov., on both banks of the Dwina, where it raceives the Vischa, 330 m. S. by W. Petersburg. Pop. about 14,400. It is irregularly built, and is surrounded by old walls: k has numerous Greek and some R. Cath. churches, convents, and synagogues. Though by far the greater number of its houses be of wood, it has some dwellings of stone, a high school, a barsar, an old castle, several hospitals, &c.; with manufactures of woollen cloths and tanneries. The Grand Duke Constantine, brother of the late and present emperor of Russia, died at Witepak on the 27th Juse, 1832. (Schnitzler; Possart; &c.)

WITTENBERG, a town of Prussian Saxony, formerly the cap. of the Ricctorate Saxony, now the cap. of a circ. of the reg. of Merseburg, on the Elba, here crossed by a long wooden bridge, and on the road between Potadam and Leipsic, 39 m. S.W. the former. Pop. 8,701. (Berghenss.) Though metamorphosed from the quiet seet of a university into a garrison and fortified town. Wilstoners in its university, and their remains being deposited in its cathedral. A statue of the great reformer in bronze, by Schadow, of Berlin, was erected in the market-place, in 1821. "It represents, in colossal proportions, the full length figure of Luther, supporting on his left hand the Bible, kept open by the right, pointing to a passage in the inspired volume. The pedestil enhance in the statue stands is formed of a solid block of red polished granite, 20 ft. in height, 10 ft. in width, and 8 ft. in depth. On each of its sides is a central tablet, bearing a poetical inscription, the import of the principal being that 'if the Reformation be God's work, it is imperieshable; if the work of man, it will fail." Over the figure is a very handsome light Gothic canopy, supported by 4 corner pillars, and surmounted by 8 filigree-pointed pillars. avery handsome light Gothic canopy, supported by 4 corner pillars, and surmounted by 8 filigree-pointed pinacles. This canopy is beautifully cast in iron. Taken altogether, the monument is a most creditable piece of workmanship, and does honour to the present state of the arts in Prussia." (Granville's Trav., 1. 247-8.)

The graves of Luther and Melancthon in the cathedral are marked by two plain tablets. The altarpiece is by Lucas Cranach, a burgomaster of Wittenberg, the town-hall of which he has embellished with berg, the town-hall of which he has embellished with pictures of Luther and of the subjects of the Ten Commandments. It was against the walls of this church that Luther suspended his 96 theses against papal indusences; and outside the E. gate of the town he publicly burned the bull for his excommunication. Luther's apartment in the old Augustiae convent remains in much the same state as in his time; and the autograph of Peter the Great on the wall is preserved by a gisss covering. Witchenberg, having ceased to be a capital, was found inadequate to the support of its university, which was accordingly removed to Halle. It still has, however, a gymnasium, an ecclesiastical seminary, &c., and is the seat of a board of taxation and of the usual circle courts. From its situation on the Elbe, in a fertile country, with

gymnasium, an ecclesiastical seminary, &c., and is the seat of a board of taxation and of the usual circle courty. From its situation on the Elbe, in a fertile country, with both iron and coal in its neighbourhood, it possesses great commercial advantages; but its trade is insignificant, and it has only a few manufactures of linen and woollen goods.

It has frequently suffered from sieges, particularly in 1756; and in 1814, when it was taken by storm from the French. (Dict. Gbog., Hodgskins, Trav. in the N. of Germany; Strang, &c.)

WOBURN, a market town and par. of England, co. Bedford, bund. Manshead, on the great N. road, 38 m. N.N.W. London. Area of par. 3,200 acres. Pop. in 1841, 1,914. The town consists of a main street, about 1.3d m. in length, with the market-cross nearly in its centre; and having been nearly burnt down in 1724, it is comparatively well laid out and well built. The market-house, a handsome edifice, originally erected by the Bedford family, was rebuilt at their expense, by Blore, in 1830. The same artist has, also, restored the church, an edifice in the perpendicular style, built by the last abbot of Woburn, having a tower detached from its main body. In the chancel is, among others, a curious monument to RF F Stampton and his family. of Woburn, having a tower detached from its main body. In the chancel is, among others, a curious monument to Sir F. Staunton and his family. The living, a curacy, in the gift of the duke of Bedford, is worth 2514. a year. The free-school, founded by the Earl of Bedford in 1882, has an income of 504, a year, and furnishes instruction to 180 boys on the Laucastrian plan. Almahouses, founded in 1672 for 24 widows, have an income of 304. a year, and there are several minor chartites. Petty sessions monthly, and manorial courts occasionally, are held in Woburn. The inhabs, are either occupied in lace-making and straw-plaiting or are employed by the Bedford family. Markets on Fridays; fairs four times yearly for farm stock.

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Immediately B. of the town is Woburn Park, with Woburn Abbey, the principal seat of the Duke of Bedford. It derives its name from its occupying the site of a Cistercian abbey, founded here in 1145, and granted to the Russell family in the time of Edw. Vl. The present mansion, which was built about 1745, has since been greatly improved and enlarged. It is a quadrangular edifice, its principal or W. front being of the lonic order, with a rustic basement. The interior of this noble pile is splendidly fitted up, and many of the apartments are enriched with valuable paintings, both by the old masters and British artists. The drawing room, thence called Venetian, has a fine series of 24 views in Venice, by Canaletti. In the hall is an anc. Mosale pavement, brought from Rome. A sculpture gallery, 128 ft. in length by 25 ft. in breadth, with a flat dome in its centre supported by 8 and; the sum of the piloth on which it stands. It is of the lotus form, has two magnificent handles, and is beautifully sculptured. This admirable specimen of ancient art was found among the ruins of Hadrian's Villa at Tivoli, of which it had no doubt formed a principal ornament. Here, also, is a fine east of the Apollo Belvidere, Westmacott's statue of Psyche, &c. In the W. wing of the edifice is the Temple of the Graces, erected in 1818, to receive Canova's magnificent group of the Graces, placed on a circular pedestal in the centre. The library is both extensive and valuable; and at one of its extremities is a room appropriated to Etruscan antiquities. The stables, ricing-hous, tennis-court, &c., are in a detached building, convaluable; and at one of its extremities is a room appropriated to Etruscan antiquities. The stables, riding-house, tennis-court, &c., are in a detached building, connected with the mansion by a colonnade, ½ m. in length. The greenhouse, designed by Sir J. Wyatville, is a handsome building 140 ft. in length, and in which, with a great variety of valuable plants, are some fine statues. The park, 12 m. in circuit, surrounded by a wall 8 ft. in height, is beautifully diversified, abounding in wood and water, and well stocked with deer. (Parl. Rep.; Bailway Handhook.

church, in the perpendicular style, is a fine old edifice. caurea, in the perpendicular style, is a fine old edifice. The living, a perpetual curacy, worth 1264, ayar, is in the gift of — Jacob, Esq. The Wesleyans, Baptists, &c., have meeting-houses here; and, besides Sunday schools, here is a free school, with an income of above 454, a year, at which between 30 and 40 boys are instructed on the Madras system. The aggregate income of the various

is a free school, wan an anomal which between 30 and 40 boys are instructed on the Madras system. The aggregate income of the various charities in Wokinghum amounts to nearly 5304, a year, (Digest of Charity Reps.)

About I ao. from the town is an hospital, under the direction of the Drapers' Company, London, founded in 1665, for 16 poor men and a master. The inbabs, of Wokingham are employed principally in weaving silk stuffs and gauzes, and in making shoes. The town was incorporated by Jas. I., and is governed by an alderman, recorder, 7 burgesses, and other officers, chosen on Easter Wednesday, who hold petty sessions and some other courts. Formerly all the courts for Windsor Forest were held at Wokingham. Markets, Tuesdays; fairs, April 23, June 11, Oct. 11., and Nov. 2., for horses and cattle. (Parl. Reps., &c.)

WOLFENBUTTEL, a town of Germany, duchy of Brunswick, cap. circ., on the Ocker, 8 m. S. Brunswick, Pop., 9,000. It was formerly fortified, but its defences are now in a ruinous state. It consists of the citadel, the town-proper, called Heinrichstadt, and the quarters or suburbs of Augustusstadt and Gotteslager. It is well-by and its streets, which are broad and regular, are

suburbs of Augustusstadt and Gotteslager. It is well-built; and its streets, which are broad and regular, are paved and watered by branches of the Ocker. It has paved and watered by orancines of the Ocker. It has several churches worthy of notice; and a magnificent ducal library, comprising not less than 190,000 vols. It includes a large collection of biblies, among which is the one that belonged to Luther, with autograph notes: the one that belonged to Luther, with autograph notes: His marriage ring, doctor's ring, spoon, drinking-glass, and one of his many portraits by L. Cranach are also preserved here. (Murray's Handb.) The old castle of the lords of Wolfenbüttel has been converted into a prison; and the ducal castle now serves for a factory! It has a large workhouse, hospital, orphan asylum, gymna. prison; and the ducal castle now serves for a factory! It has a large workhouse, hospital, orphan asylum, gymnasium, and several city schools; and is the seat of the superior court of appeal for the states of Brunswick, Waldeck, and Lippe, and of several subordinate courts. It has manufactures of lacquered and japanned wares, paper hangings, leather, tobacco, &c.; with some trade in corn and linen yarn, and 5 annual fairs. Its neighbourhood is fertile, but marshy and unhealthy. (Berghaus; Dict. Glenn.)

fertile, but marsay and Géog.)

WOLGA or VOLGA (an. Rha), the largest river of Géog.)

WOLGA or VOLGA (an. Rha), the largest river of Europe, through the E. part of which it flows; its basin comprising the central part of European Russia, has the basin of the Dwina to the N., of the Don and Dniepr to the S., and of the Oural, to the E. The Wolga was formerly considered as constituting a part of the boundary-line between Europe and Asia; but since the limits of these continents have been removed to the Caucasus and line between Europe and Asia; but since the limits of these continents have been removed to the Caucasus and the Caspian, its basin, with those of its tributaries, lie wholly within Europe. From its source to its mouth its length is estimated at about 2,000 m., being about 200 m. longer than the Danube. The area of its basin has been supposed to include upwards of 635,000 sq. m., or considerably more than twice as much as the basin of the Danube, and eight times as much as that of the Rhine. (Müller, Streenwein der Wicker 70.)

Stromsystem der Wolga, 79.)

The Wolga has its source in a small lake at the W. extremity of the gov. Tver, in lat. 57º 10' N., long. 32° 20' E., 220 m. S.S. E. Petersburg; on the E. declivity of the Valdai plateau, near the source of the S. Dwina, the E., 220 m. S.S.E. Petersburg; on the E. decilvity of the Valdai plateau, near the source of the S. Dwina, the Dulepr, and other large rivers, at an elevation of 895 ft. above the level of the sea. (Müller, 113.) It flows at first S.E., and afterwards N.E. through the govs. of Tver and Jaroslavl; at Mologa it turns to the E.S.E., which direction it generally pursues through Jaroslavl, Kostroma, Nijuli Novgorod, and Kazan to the confluence of the Kama, about lat. 55° 8°, and long. 49° 30°. Thence-forward it runs generally S.S.W. through the govs. of Simbirsk and Saratof to Taritzin, where it approaches within 32 m. of the main stream of the Don, their consumers being prevented by an intervening chain of hills. It then turns again to the S.E. through the gov. Astrakhan, and pours itself into the Caspian, on its N.W. side, through an extensive delta by more than 70 mouths, the W. and largest of these being in lat. 46° N., and long. 48° E. Throughout its long course it waters, with its tributaries, some of the most productive portions of European Russia and the region which was anciently the nucleus of the Russian monarchy. Tver, Jaroslavl, Kostroma, Nijnii Novgorod, Simbiriek, Saratof, Astrakhan, and several other towns are situated on the

Astrakhan, and several other towns are situated on the Wolga; and Kasan is on one of its tributaries within

height, is beautifully diversified, abounding in wood and water, and well stocked with deer. (Parl. Rep.; Basinogy Handbook, &c.)

WOKINGHAM or OAKINGHAM, a market-town and par. of England, co. Berks, hund. Sonning, on the conduct of England, co. Berks, hund. Sonning, on the conduct of Winder Forest, 64 m. S. E. Reading. Area of par., \$450 acres. Pop., in 1841, 342. The town consists of several streets, meeting in a central market-place, in which is the market-house and town-hail. The

N.E., to about lat. 60° 20°, but afterwards in general S. or S.W. through the govs. of Perm and Kasan, and between those of Viatka and Orenburg. After a course of nearly 1,000 m. is joins the Wolga, bringing with it a volume of water nearly equal to that of the latter. Its basin is supposed to comprise about one-third part of that of the Wolga. Perm is among the town on its

nearly 1,000 m. it joins the Wolga, bringing with it a volume of water nearly equal to that of the latter. Its basin is supposed to comprise about one-third part of chat of the Wolga. Perm is among the towns on its banks.

The Oka rises in at 52°10' N., long. 26° E., in the yov. of Orel; through which, and the govs. of Tula, Kanga, Moscow, Risan, Tambof, Vladimir, and Nijin Novgorod, it flows in a very tortuous, but mostly N. E. birection, joining the Wolga at Nijin Novgorod after a course of nearly 700 m. Its basin is supposed to comprise 137,000 a.m. (Maller.) It has several important afflicents. Though rapid, it is navigable to Orel not far from its source. The waters of the Kama and Oka see, like those of the Wolga, remarkable for their purity; and all of them are famous for their fish. The Wolga, in fact, believed to be more prolific of fish than any other European river; and its fisheries are an abundant source of employment and of food. The fish usually taken comprise sturgeon, the roes of which furnish the caviar, of which vast quantities are sent from Astrakhan to all parts of Russia, with salmon, sterlet, tench, pike, perch, beluga, &c. The sterlet (accesser stellatus?), a small kind of sturgeon, supposed to be peculiar to the Russian and Siberian rivers, is much prized by the Russian epicures. Exclusive of caviar, the exports from Astrakhan include large quantities of cured fish. (Müller, p. 637; Mod. Trav. xvil.)

From its abounding with islands, particularly in the lower part of its course, the breadth of the Wolga is very variable. At Tver, however, it is nearly 600 feet in breadth; at Nijin Novgorod, after it has received the Oka, about a versi, or 1,300 ft.; and at Astrakhan it is usually 1½ m. across. But this is not the case during the entire year, for, on the melting of the ice and snow in spring, it is subject to great risings, and inundates large tracts of the surrounding country. The rise begins in April; its height varies greatest in the middle portion of the ice and snow in April; its he

Though the situation of the Wolga, remote from the great marts of Europe, Asla, and Africa, with its embuchure in the Caspian, renders it of much less commercial importance than it would be under other cirmercial importance than it would be under other circumstances, it is still the main artery of Russia, and the grand route of the internal traffic of that empire. It has been estimated that in the first thirty years of the present century, from 600 to 700 vessels a year came down the Wolga to Astrakhan, while from 300 to 460 sailed from that port to others on the upper course of the river. Unfortunately, it would seem as if the Wolga had been for some considerable period decreasing in depth; and it is said that of late years sand-banks have accumulated

WOLVERHAMPTON.

so much, particularly between Nijni-Novgorod and Kasan, that the vessels laden with salt from Perun, which in the early part of last century used to bring cargoes of from 130,000 to 150,000 pounds; and in the portion of its course now referred to, it is navigated with difficulties even by the two-masted vessels of Astrakhan. (MEr. Das Stromsystem der Wolga; Berghaus; Steim's Handwook der Geog.; Dict. Geog., &c.).

WOLSINGHAM. or WALSINGHAM, a warkt town and par. of England. co. Durham. Darlingtes ward, on the Wear, 12 m. W.S.W. Durham. Area of par., 24.780 acres. Pop., in 1841, 2.065. The town is an ancient structure, with beautiful font of Weardals an ancient structure, with beautiful font of Weardals year nett, is in the gift of the Bishop of Durham. The remains of an old manor-house, belonging to the former bishops, and enclosed by a most, are user the church. bishops, and enclosed by a most, are user the church. The grammar-school, founded in 1613, with an increase of above 654, a year, besides 30 pay scholars, supplies gratis instruction to 26 boys, in reading, writing, arithmeter, and the classics. Here, also, are several other achools, instruction to zo boys, in reasing, wixing, an arrange, and the classics. Here, also, are several other actions, and endowments for the poor not receiving parochial relief. The inhabs, are principally employed in the mannfacture of linen and woollen cloths, tools and agricultural necture of them and wooded tools, but also agraculture implements; or in the coal, lead, and limestone works in the vicinity. Petty sessions are held weekly; and a court-lest twice a year, at which debts of 40s. are recoverable. Markets on Tuesdays: fairs, May 12 and

Oct. 2.

WOLVERHAMPTON, a parl, bor., market-town, and par. of England, co. Stafford, hund. Seisdum, in one of the principal iron manufacturing districts, and at the junction of six principal roads, 13 m. N. W. Birmangham. The p.r., which is of great extent, comprises 5 townships, 4 of which, including the towns of Blisten and Williamshall with the adioning par. of Sedgeley, are townships, 4 of which, including the towns of Blisser and Willenhall, with the adjoining par. of Sedgeley, are included in the parl, bor.; the area of which amounts to 16,630 acres. Pop. of do., in 1841, 92,943, of whom 26,832 belonged to Wolverhampton township. W. Leverhampton stands on an eminence commanding fine views of the surrounding country, and though irregularly laid out, is not ill-built; but, from the many furnaces and forges in the town and neighbourhood it has a blackened appearance. There are some sood undern resistences in views of the surrounding country, and though irregularly laid out, is not ill-built; but, from the many furnaces and forges in the town and neighbourhood it has a blackeneed in the suburbs. Four of the principal streets diverge from the suburbs. Four of the principal streets diverge from the suburbs. Four of the principal streets diverge from the suburbs. Four of the principal streets diverge from the suburbs. Four of the principal streets diverge from the suburbs. The collegiste church of St. Peter, on the most elevated position in the town, is a large cruciform structure, chiefly in the perpendicular, but partly, also, in the decorated and early English styles. It has a tower, the upper part of which is late perpendicular, but partly, also, in the decorated and early English styles. It has a tower, the upper part of which is late perpendicular, of most of the church. The chancel is modern; the name has a rich stone pulpit, and in the churchyrad is a rudely sculptured cross, much defaced by time. (Richmen.) This church was formerly considered one of the king's free chapets, and was strached by Edward IV. to the desacry of Windsor. The living, a vicarage worth 1921 a year, is in the gift of the Dean of Windsor. St. John's church, a handsome stone edifice, on the S. side of the town, erected by subscription, in 1761, is a curacy worth 2001 a year, in the gift of the Earl of Stamford. St. George's, a building of Grecian architecture, St. Paul's, a Gothie structure, and various other churches, have been erected of late years. Besides a Rom. Cath. chapel, there are several Dissenting meeting-houses, to all of which, as well as to the churches, well-attended Sunday-achools are attached. The free grammar-school, founded by Sir Stephen Jennings, a native of the town, who was lord mayer of London, in 1668, has an endowment yielding about 1,9001. a year. It is managed by 40 trustees, who allow the head manter 5001. a year. It is open to all boys of the par., and was, in 1842, attended by about 149 pupils. Sir W. Congrev Wolverhampton has also a public news-room with an extensive library, assembly and concert-rooms and aschanics' institute. W. of the town is a fine race-course, with a grand tand, where races take place annually in August. Two weekly newspapers are published in the

most expensive and best locks are made in the metropolis, and the lock trade is also carried on in Birming-ham; but this town still enjoys the largest share of the business. Probably, however, the manufacture of ja-panned ware and timed plates may be regarded as her staple business; and in addition she furnishes carpenters' tools, files, screws, hinges, steel mills, machinery, &c. Immense quantities of nails are made in the surrounding

willages.

Wolverhampton, Bliston, and the other places within the limits of the parl, bor., are wholly indebted for their rapid rise and large pop. to the facilities they enjoy for earrying on the iron trade. In the vicinity are all but inexhaustible mines of coal and ironstone, the main bed of coal being 30 ft. thick, with strats of ironstone above and below! The district has also the farther advantage of being connected by numerous canals, with all the great shipping ports of the empire. Under such circumstances, we need not be surprised at the rapid progress thas made since 1772, when there was only one blast furnace at Bliston! whereas, in 1842, there were in the parl, bor. no fewer than 55 blast furnaces, capable of producing more than 4,000 tons of iron a week! Indeed, the whole country to the S. and E. of the town is covered with furnaces, forges, rolling mills, foundries, ironstone

the whole country to the S. and E. of the town is covered with furnaces, forges, rolling mills, foundries, ironstone and c-al-pits; and though the trade be occasionally much depressed, the advantages enjoyed by the district for the production and manufacture of iron are such as can hardly fail to insure its prosperity.

The Great N.W. Railway has a station 1 m. E. of the town, and here the line attains its greatest elevation of 440 ft. above the sea level. The Birmingham Staffordshire and Worcestershire, and Birmingham and Liverpool canals, unite about 1 m. N. from the town, affording, as already stated, a ready communication with all parts of the kingdom. The Wolverhampton and Staffordishire Banking Company, established in 1831, has its ishire Banking Company, established in 1831, has its

office in this town.

he town is under the jurisdiction of the co. magis trates, but is locally governed by two constables and other officers, chosen at an annual manorial court. Petty sessions for the hundred are held here, and there is a county court, before which 3,265 plaints were entered in

The Reform Act conferred on Wolverhampton, Bilston, and the district included within the parl, bor, the important privilege of sending 2 mems. to the H. of C. Reg. electors, in 1848-80, 3,298.

The new poor-law

The new poor-law was introduced here in 1836, when the townships of W. Hampton, Bilston, Willenhall, and Wednessfeld were formed into the "W. Hampton Usion." The pop. of these townships amounted, in 1831, to 46,931; and in 1841, to 68,185. A superior and spacious "Union house" has been erected.

and in 1841, to 68,185. A superior and spacious "Union house" has been erected.

Though of great antiquity, the earliest records of Wolverhampton date only from the end of the 10th century, when Willfruna, duchess of Northampton, founded a monastery here, of which, however, there are now no remains. A fire, which continued for five days, destroyed the greater part of the town in 1890.

Market days, Wednesday and Saturday; faira, July 10th, 11th, and 12th, for cattle and various merchandise. (Parl. Rep.; Priv. Int.).

WOODBRIDGE, a market town, par., and river-port of England, co. Suffolk, on the Deben, 3 m. from the sea, and 7 m. E. N. E. ipswich. Area of par 1, 1,650 acres. Pop. of do., in 1841, 4,984. The town is on the slope of a hill, and consists of two principal streets, an open space called Market Hill, and some narrow thoroughfares: it has many good houses, and is tolerably well pared and lighted. In the centre of the Market Hill is the seasions house, a brick edifice, in the lower part of which the corn market is held. The church, a noble edifice, said to date from the time of Rdw. III., consists of a nare, chancel, and two side aisles, the roofs of which are supported by 14 fine slender pillars; its outer walls are constructed of black flints, and it has a square town 1881, in height. On its S. side was anciently an Augustine priory, founded by one of the Rous family in the 18th century. The living, a perpetual curacy, worth 1891, a year, is in the gift of the Rev. T. Salmon. Here, also, is a free grammar school for 10 boys, sons of the noor inhabs. of the town, who are to be instructed in Latin and Greek, and fitted for the university; with national, Lancastrian, and Sunday schools. Almshouses, for 13 poor men and 3 women, founded and endowed in Latin and Greek, and fitted for the university; with national, Lancastrian, and Sunday schools. Almshouses, for 19 poor men and 3 women, founded and endowed in 1887, had, in 1825, an income of 570% a year; but as this income was derived from a lease of property in Clerkewell, in the city of London, entered into about 60 years previously, and then about to expire, it is now probably much greater. The income of the town lands is chiefly applied to parcochial repairs, &c. A small theatre was erected in 1813.

Woodbridge is a member of the poet of Varmouth

was erected in 1818. Woodbridge is a member of the port of Yarmouth, and the Deben being navigable thus far, for vessels of 130 tons, it has a considerable trade with London, Hull, Newcastle, &c., exporting corn, flour, and malt, and im-

porting coal, timber, wines, spirits, groceries, &c. It has several docks for the building of vessels, with convenient wharfs and quays. Woodbridge is governed by a visitor and two guardians, chosen by the parishioners. Quarter sessions for the liberty of St. Ethelred and for six adjacent hundreds are held here; and petty sessions weekly. Market day, Wednesday; fairs, April 5. and Oct. 81. for cattle.

WOODSTOCK (NEW), a parl. and munic. bor., and market town of England, co. Oxford, hundred Wootton, par. of Bladon; on the small river Glyme, which supplies the magnificent piece of water in Blenheim Park, 8 m. N.N.W. Oxford. The old parl. bor. included only a portion of the town; but the modern parl. bor. includes the whole of the latter, with a district extending about 4 m. on every side, comprising several adjacent villages and hamlets, and having an area of 21,640 acres, and a pop., in 1841, of 7,404. This is a clean, well built, country town; the streets are well pared, and well kept, and many of the houses, which are mostly of stone, are of a superior class; but it has, notwithstanding, a duil and inanimated appearance, and is not prosperous. The church is a handsome structure, partly rebuilt in 1784, when a tower was added to its W. notwithstanding, a dull and inanimated appearance, and is not prosperous. The church is a handsome structure, partly rebuilt in 1785, when a tower was added to its W. extremity. The living is a curacy annexed to the rectory of Bladon, worth 3292. a year, and in the gift of the Duke of Mariborough. Here, also, are places of worship for Baptists and Wesleyans. The town hall, erected in 1766, at the expense of the then Duke of Mariborough, has under it the market place. A free grammar school founded in 1852, affords instruction mariborough, has under it the market place. A free grammar school, founded in 1885, affords instruction to about 20 boys; but the endowment for its support is small, and the master's salary of 30% a year is partly made up by the corporation; it has, besides, an endowed school, with an income of 78% a year, in which 24 children are educated, partially clothed, and apprenticed, with aims-houses for widows, and several minor charities.

charities. Woodstock had formerly a considerable manufacture of polished steel articles, much esteemed for their delicate workmanship; but this business is now nearly or wholly extinct. The manufacture of doe-skin gloves, which was introduced at a later date, is now almost the only branch of industry carried on in the town. In 1835, upwards of 1,300 hands, mostly women and girls, were employed in this manufacture in Woodstock and its vicinity, who were supposed to produce about 500 pairs of gloves per week. But this branch has, also, declined in the interval, principally, as is understood, in consequence of this cotton for leather gloves: and in consequence of this

stood, in consequence of the substitution of thread and cotton for leather gloves; and in consequence of this decline, and of the embarrassed situation of the Marthorough family, the prosperity and population of the town have both fallen off.

The bor, received its present charter of incorporation from Henry VI.; but that by which it has been latterly governed dates from the 16th of Charles II., the corporate body consisting of a mayor, 4 other aldermen, a high steward, recorder, and other officers. The annual court leet or sessions, granted to the bor. by charter, has been discontinued since 1839; but petty sessions, and a court of record are opened monthly. The bor. has no jail, but a small lock-up house.

Woodstock was a bor by prescription previously to

nas no jail, but a small lock-up house.

Woodstock was a bor by prescription previously to
its incorporation, and returned 2 mems. to the H. of C.
from the 18th of Elisabeth down to the passing of the
Reform Act, which deprived it of 1 mem., at the same
time that the boundary of the parl. bor. was altered, as
already stated. Previously to the Reform Act the fran-

already stated. Previously to the Parl. 1007. was altered, as already stated. Previously to the Reform Act the franchise was vested in the mayor, aldermen, and freemen of the bor.; but substantially, and in fact, it was a nomination bor., belonging to the Duke of Marlborough. Reg. electors, in 1×69-50, 363. Market day, Tuesday; fairs, seven times a year, chiefly for cattle, horses, cheese, and hardware.

Old Woodstock stood in a low situation a little N. of the town, on the Glyme, and has now only a few houses and one ancent manision. Woodstock was long a royal residence. A palace, or manor-house, on the N. bank of the Glyme, was the residence of Henry II., and the scene of some of the adventures of the fair Rosamond; but all traces of this building have long since disappeared. Edward I. held, in 1270, a parliament at Woodstock; and it also was the birth-place of his second son Edmund, and of the eldest son of Edward III., the illustrious Black Prince. It was subsequently inhabited by several of our monarche; and Elisabeth was for a while imprisoned here. But every part of this more recent palace soned here. But every part of this more recent palace has also been pulled down.

has also been pulsed down.

Chaucer, the great improver of the English language and versification, is supposed by many to have been a native of Woodstock; where, it is alleged, he first saw the light in 1328. At all events he frequently resided in the town; and some traces still exist of the house which he occurred.

he occupied.

At present Woodstock derives its whole importance from its being in the immediate vicinity of Blenheim

Palace and Park, the seat of the Duke of Mariborough. In previously noticing this noble seat (see Blennein Park, vol. 1.) we omitted to notice the library, originally intended for a picture gallery, and one of the finest apartments in England. It extends along the whole of the W. front, being 183 ft. in length, and beautifully proportioned. It contains the Sunderland collection of Queen Anne by Rysbrack. In the chapel is a splendid monument, by the same sculptor, in bonour of the great Duke of Mariborough and his Duchess. (Bossed. Rep. : Messic. Corp. Append.; Private Information.)

WOOLER, a market-town and par. of England, co. Northumberland, Glendale ward, on the E. declivity of the Cheviot hills, 42 m. N.N.W. Newcastle. Area of part 4,620 acres. Pop. in 1831, 1,936. The town is of high antiquity, and at one period was a good deal resorted to by invalids. It consists of several streets branching from the market-place, and has a public library, mechanics' institute, dispensary, and many dissenting places of worship. The church is a neat but plain building, erected about the middle of last century: the living, a vicarage, worth 4781. a year, is in the gift of the Bishop of Durham. A free school, with a small endowment, is the only charity mentioned as existing here. Courts leet and baron are held annually by the lord of the manor. In the neighbourhood are the vestiges of ancient encampments. At Homildon, about 2 m. from the town, is a pillar, erected to commemorate the total defeat, in 1603, of an army of 12,700 Scotchmen, under Earl Douglas, by the forces of the Earls Fercy and March. Markets on Thursdays; fairs, May 4th, Oct. 37th, and Whit Tuesday.

WOOLWICH, a parl. borr, market, and sea-port town of England, co. Kent, on the S. bank of the Thames, 7 m. E. London, and 24 m. E. Greenwich. Pop., in 1841, 25,785.

bank of the Thames, 7 m. E. London, and 21 m. E. Greenwich. Pop., in 1841, 25,785. Though latterly a good deal improved, the older parts of the town, near the river, have narrow streets, and are comparatively mean, diry, and badly built; but in the more modern portions, and especially between the old town and the barracks, the streets and houses are of an improved and far more respectable descrip-Woolwich, however, derives its entire importance from its dock-yard, arsenal, and other great naval and military establishments; and is principally inhabited by individuals dependent upon or connected with them. The par. church, in a conspicuous situation, with a tower at the W. in a conspicuous situation, with a tower at the w. end, was rebuilt towards the middle of the last century. The living, a valuable rectory, worth 740% a year nett, is in the gift of the Bishop of Rochester. Besides the parchurch. Woolwich has 2 district churches, St. John's and St. Thomas's, an Ordnance chapel on the road to Plumstead, a chapel in the barracks, a proprietary spiscopal church, near the arsenal, a Scotch church, and various meeting, bourse for different bases of different charges of different charges of the second statement.

WOOLWICH.

build the largest class of men-of-war in the other deciyards, and to make this the principal yard for steams-ships
belonging to the royal navy. With this instention a
factory was built in 1839, consisting of 2 ranges of handsome and substantial buildings, each 440 feet in length
by 36 in breadth, for the manufacture of steams-engine
and boilers. The factory contains a foundry and forget,
with fan-blowing machines for the furnaces, and a
variety of machines for punching, shearing, plats-bending, drilling, boring, planing, turning, shaaping, bellscrewing, &c. &c. The machinery has been made by
the most eminent manufacturers in the kingdom, and
embodies the results of all the improvements of the last
twenty years; its skilful selection and adaptation reflecting infinite credit on the chief engineer.
The moving power of the factory is a steams-engine of
20 horse-power. Another building is erected, 322 ft. in
leight, into which all the flues of the factory are led.
These additions give the means of doubling the work
performed, and enable the Admiralty to furnish the
whole of the steam-ships with the necessary machinery.

There is at present an outer basin, comparising an arm.

performed, and comme to whole of the steam-ships with the necessary mechinery.

There is at present an outer basin, comperiaing an area of 190,000 sq. ft., in which ten or a dosen atomm-ships of different sizes may conveniently lie. An immer basin of 190,000 sq. ft. area, on the site of the Mast Pond, allows two first-class steam-ships to the alongside the factory and be simultaneously fitted with their engines, bollers, and other machinery. A magnificent dock, entirely composed of massive blocks of granite, has lately been built, capable of receiving a 120-gun-ship; a second is nearly completed, and it is proposed to construct two similar docks for steam-ships, making four in all.

The smithery, constructed by the late Mr. Remain, is on a very grand scale, and is suitable for the forging of the largest anchors, and other heavy articles. It contains 37 forges, with 2 lift hammers weighing 44 tons each, and 3 tilt hammers of 18 cvt. each; there are also 3 air and 2 bilast furnaces, with a blasting apparatus of a very scientific description. There are two steam-engines in the smithery, one of 30 and another of 14 horse-power. The anchors are tested by a powerful hydraulic machine, made by Bramsh, capable of applying a pressure of 100 tons. The pitch and tar vault is constructed so as to admit of its easy inundation in case of fire. Large saw mills have also been constructed, similar to those in 100 tons. The pitch and tar vault is constructed so as to admit of its easy inundation in case of fire. Large saw mills have also been constructed, similar to those in the carriage department in the arsenal, for cutting the timber for service. The ships now (1851) building are, the Royal Albert, 130; Agamemon, 80; Edgar, 80; San Fiorenzo, 50; with various smaller craft. The number of workmen of all kinds employed amounts at present (1851) to 1,589, exclusive of about 450 convicts, landed daily from the Warrior kulk, moored off the yard, who are generally employed in the meat laborious occupations.

rend, was rebuilt towards the middle of the last century. The living, a valuable rectory, worth 740L a year next, is in the gift of the Bishop of Rochester. Besides the park, the yard, who are generally employed in the mest lein the gift of the Bishop of Rochester. Besides the park, the yard, who are generally employed in the mest lein in the gift of the Bishop of Rochester. Besides the park, and the barracks, a proprietary episcopal church, near the arsemal, a Scotch church, and various meeting-houses for different classes of dissenters. The charitable institutions comprise an alma-house for 5 poor widows, endowed, in 1860, by Sir Martin Bows, lord mayor of Loudon, and 2 charity schools, one for 20 girls, and one for educating, clothing, and apprenticing poor orphan boys, consofsuch shiperight as have sorred their apprenticeship in the dock-yard; and national and other public schools have been established, in which about 500 children are sately in the context of the parks church and the dissenting chapels, where upwards of 2,000 children are saught. Among the places of anusement is a small theatre. A mineral spring on the N. of the common possesses valuatis medicinal properties. The S. Esatern railway has 3 tations in the town, one near the dock-yard and the other close to the arsenal. Here, also, are public baths, and a mechanic' institute.

Dock-pard.—This, though not the most extensive, is the most ancient royal dock-yard in the kingdom. Some incertainty exists as to the precise date, but it is believed to have been established as early as 1012; and it is certain that it was placed upon a permanent footing in the latter part of the reign of Henry Vill. It presents after that it was placed upon a permanent footing in the latter part of the reign of Henry Vill. It presents a properties are also as the precise date, but it is believed to have been established as early as 1012; and it is certain that it was placed upon a permanent footing in the latter part of the reign of Henry Vill. It presents as the cou

contract according to the plans furnished. All brass ordnance are moulded and cast solid in this foundery. They are afterwards bored, turned, and completed by machinery; and properly engraved. Other articles are sometimes cast, as the statues of the late Duke of York and Lord Hopetoun, at Edinburgh, the acanthus and capital of the Nelson Colume, in Trafaigar Square, with gun metal articles required for service in other departments, comprising pivots, circles, &c.

2nd. The Royal Laboratory, in which every kind of ammunition, viz. ball and blank cartridges, &c., is made up; Congreve and other rockets, grenades and fireworks manufactured; shells and spherical case-shot, or Shrapnell shells, filled, &c. A machine, invented by Napier, for making musket and pistol balls by compression, has been lately introduced, which acts with great case and rapidity, and seems to be far preferable to the old mode of casting. Percussion caps for the service have, also, within the last two years, been entirely made in the laboratory; the portion of the machinery designed for filling and flaishing the caps is exceedingly ignenious, and performs its work with great rapidity and safety, one man and four bys being, with its assistance, able to fill and complete 180,000 caps a day! Two model rooms are attached to this department, containing specimens of every firework used in war, and many other interesting objects.

overy frework used in war, and many other interesting objects.

Brd. The Royal carriage department in which every kind of ship and land gun carriage is made and repaired; with traversing platforms, ammunition waggons, carts &c. Copper-lined powder-cases are also made. The sheets of copper are tinned instantly, on both sides, by a process displaying much ingenuity, the invention of one of the foremen employed here, superseding a tedious and unwholesome operation before in use, and effecting a considerable annual saving. This contains a great variety of the most efficient machinery. Among others is a scrap forge for the remanufacture of iron; a gigantic statement of the same property of the most efficient machinery. Among others is a scrap forge for the remanufacture of iron; a gigantic statement of the same shades of the same property of the most efficient machinery.

saw mills.

smitheries; a rolling mill, and extensive planing and saw mills.

4th. The guns, which are arranged in the open air, comprise complete field and battering trains, mortars, how-tizers, carronades, &c., with the guns belonging to many of the ships of war out of commission, numbering, in the whole, about 1.700 pieces of brass, and 21,000 pieces of iron ordnance, of 200 different varieties. The shot and shells, arranged in pyramidal piles, amount to nearly 1,285,000 in number. These, as well as every other description of store required for naval or military equipment, are kept in constant readiness, under the charge of the storckeeper's department. The various piles of brick buildings containing these articles, or appertaining to the departments before enumerated, are constructed on the grandest scale; and are as complete and efficient as can well be imagined. There are two buts, one within the arsenal and the other in the marshes, one within the arsenal and the other in the marshes, one within the arsenal and the other in the marshes, one within the arsenal and the other in the marshes, one within the arsenal and the other in the marshes, now interruptions from the passing of ships. A new practice range upwards of 3 m. extent, at Shoeburyness, as also one in the marshes towards Erith, is therefore in course of formation, which will be free from the inconveniences now experienced; and will besides allow of the practice, at long ranges, of the new heavy guns (42 to 84 pounders), on Monk's and Millar's principles.

The number of artificers, labourers, and boys employed

guns (42 to 84 pounders), on Monk's and Millar's principles.

The number of artificers, labourers, and boys employed in the various departments of the arsenal may amount to about 950, exclusive of the convicts belonging to the Unité and Hebe huiks, stationed on the river, opposite to the arsenal, amounting to about 400.

The Royal Military Academy, an institution that has considerably raised the professional character of the corps of Royal Engineers and the Royal Regiment of Artillery was founded in 1719, but was not finally arranged until 1741. The establishment, which has varied at different periods, has at present 165 pupils, termed gentlemen cadets. It is under the direction of the Master-General and Board of Ordnace for the time being, and has a lieutenant-governor, inspector, and other officers. For the literary department, there is a professor of mathematics, fortification, plan-drawing, surveying, chemistry, landscape-drawing, German, French, History, Geography, &c. The academy has numbered amongst its professors several eminent men, among whom may be specified Mr. Thomas Simpson. Dr. Hutton, author of the Mathematical Dictionary and other valuable works, Mr. Bonnycastle, Dr. Olynthus Gregory, &c. The establishment formerly cost the public 8,000. or 10,000. per annum, for half the number of cadets now educated; but for several years past it has been conducted upon a self-supporting principle; and with a much entaged and a more efficient establishment, it now nearly maintains fiself. The scale of payments to be made by the friends of cadets is as follows:—

Sons of noblemen and private gentlemen, not being officers of the army or navy-sons of admirals, and generals with regiments sons of generals without regiments sons of capitains and commanders in the navy, and colonels and regimental field officers of the army sons of all officers of the navy and army under the above ranks sons of officers who have died in the service, and whose families are in pecuniary distress.

The sons of civil officers of the army and orders. 70 90

The sons of civil officers of the army and ordnance are admitted upon payment of the sums required from mili-tary officers of corresponding ranks.

The cadets receive an annual allowance of 45t. 12s. 6d., which is considered sufficient to supply every necessary article except linen. The education is excellent; the standard having been much raised of late; when the course is completed, the cadets, if found duly qualified receive commissions in the Royal Engineers or Royal Artillery, according to their merit.

Artillery, according to their merit.

The academy, formerly within the arsenal, was removed in 1806 to a fine building on the upper end of the common, about 1 m. S. from the town. This edifice, which was built by Wyatt, consists of a centre and 2 wings, united by corridors, with a range of building behind, containing the ball, servants' offices, &c. The centre forms a quantity of the containing the ball, servants' offices, &c. drangle, with octagonal towers at the angles; and, besides a variety of other apartments, contains the four teaching rooms or academies, as they are termed. The wings contain the apartments for the cadets and chief officers. The building, which is about 200 yards in length, is of brick, stucced over.

brick, stuccoed over.

The barracks, erected for the accommodation of the Royal Artillery at different periods from 1783 to 1810, are situated on the N. brow of the common, and form a nost extensive pile of building, calculated to accommodate 3,338 officers and men, and 1,200 horses. The principal front, 340 yards in length, consists of six ranges of brick building. The entrance consists of a handsome gateway, with Doric columns and military trophies. This noble building contains, exclusive of other apartments, a chapel, which has been recently enlarged; a spacious library and observatory, two handsome reading rooms, and the mess room.

and the mess room.

The barracks for the corps of Royal Sappers and Minerare a short distance to the N.E. of the artillery barracks; they are constructed for 200 men.

The parade is in front of the barracks; and the open space on the common affords sufficient room for exercising the soldiers in the throwing of shells, and ball-firing. On the E. side of the barracks, on the descent firing. On the E. side of the barracks, on the descent leading to the arsenal, is the ordnarce hospital, an extensive edifice, calculated to accommodate about 500 patients. It has a valuable library and museum. Several detached buildings, for the use of the artillery, have also been raised on different parts of the common; among which is a veterinary bospital for the horse brigade, with stails for 66 sick horses. A division of the Royal Marines have also barracks and an hospital at Woolwich.

Perhans however, the most interesting establishment.

barracks and an hospital at Woolwich.

Perhaps, however, the most interesting establishment at Woolwich is the Repository, on the S.W. side of the barrack-field, for the reception of models of different fortified places, ships, warlike instruments and machines of all kinds, trophies taken in war, &c. The collection which is alike extensive and valuable, is partly contained in the Rotunda, a circular apartment 115 ft. in diameter, originally erected by George IV. in Carlton Gardens, for the entertainment of the allied sovereigns when on a visit to this country in 1814. Near the Repository has lately been erected an observatory for the use of the officers, containing a telescope and other philosophical instruments, and a museum.

lately been erected an observatory for the use of the officers, containing a telescope and other philosophical instruments, and a museum.

The parish of Woolwich is governed, under a local act, by 30 commissioners, chosen by the parishioners, besides the rector and churchwardens. The Reform Act constituted Woolwich a portion of the pari, bor, of Greenwich (which see). Petty sessions are beld here by the co. magistrates on Mondays and Fridays, and a court of requests for the adjudication of chaims under M. every alternate Friday. Market days, Wednesdays, Fridays, and Saturdays. (Parl, Rep. and Private Information, obtained from the best sources.)

WOOTTON BASSETT, a mun. bor., market-town, and par, of England, co. Wilts, hund. Kingsbridge, 78 m. W. London. Area of the par., 4,380 acres. Pop. of do., in 1831, 1,896. The town, which stands on a bill, consists almost wholly of one street, about \(\frac{1}{2} \) m. in length, and tolerably well built, in the centre of which is the town-hall. The par., church is an old building, in the mixed style; the living, a vicarage worth 46il. a year, is in the gift of the Earl of Clarendon. It has, also, a chapel for independents; a free school, founded in 1688, affording instruction to about 20 children; with charity and Sunday schools. It has no manufactures of any kind; and would hardly, indeed, have been worth notice, but for the circumstance of its baving returned 2 mems. to the H. of C. from the 28th of Henry VI. down to the passing of the Reform Act, by which it was disfranchised. It was reckoned too inconsiderable to be included in the

provisions of the Municipal Reform Act. (Max. Corp.

provisions of the Municipal Reform Act. (Mem. Corp. Appendix; Private Information.)

WOTTON-UNDER-EDGE, a market-town and ar. of England, co. Gloucester, hund. Berkeley, on the declivity of a hill, as its name implies, 17 m. S. by W. Gloucester. Area of par., 4,390 acres. Pop. of do., in 1841, 4,702. The town, traversed by a small stream, on which are several cloth-mills. consists principally of 2 well-built parallel streets. The church, which is large and handsome, has some curious old monuments. The living, a vicarage, worth 1121. a year, is in the gift of the dean and chapter of Oxford. The grammar-school, founded in the 8th of Richard II., and reviver in the time of James 1., had, at the date of the last inquiry, an income of 3761. 12s. a year: it supports 10 foundation scholars and is free to all other boys born in, or inhabiting Wotton and North Nibley. The boys are instructed in writing and accounts, and are "to use no language in the school but Latin." The Blue-coat school, established in 1693, has an income of 941. a year; the general hospital, for 12 almspeople, has a clear income of 2461. ayear; and Perry's hospital, also for 12 persons, an income of nearly 1701. a year. The aggregate amount of the public endowments in the par. reached, at the period referred to above, 1,1301. a year. (Digest of Charity Reps.) Wotton-under-Edge is a bor. by prescription, but has no extant charter: its corporation, consisting of a mayor, and 12 aldermen, elected at an annual court-leet, has no municipal functions, revenues, or emoluments. The inhabs. of the town and surrounding district are chiefly occupied in the weaving of woollen cloth. In 1838, there were fine the par. 5 woollen mills, wrought principally by steam, employing, in all, 182 hands (Mills and Factorics Report); besides which, there were many looms wrought by the weavers in their own houses. Petty sessions for the hund. are held in Wotton. Markets on Fridays; fairs, Sept. 25th, for cattle and cheese. (Parl. Repr.s. 8c.)

days; fairs, Sept. 200n, 10r Cassile and Auto-Repr. \$6.7.

WORCESTER, an inland co. of England, having a very irregular outline and several detached portions, is bounded on the N. by the cos. of Salop and Stafford, W. by Hereford, S. by Gloucester, and E. by Warwick. Area, 462,720 acree, of which about 400,000 are supposed to be arable, mesdow, and pasture. This is an extremely beautiful and well-watered co. It is traversed from N. to S. by the Severn, and in part, also, by its important tributaries the Avon from the E., and the Teme from the W. Surface finely diversified: the Malvern hills divide the S.W. part of the co. from Herefordshire; the Bredon hills, to the S. of Pershore, have an elevation of nearly W. Surface finely diversified: the Malvern hills divide the S.W. part of the co. from Herefordshire; the Bredon hills, to the S. of Pershore, have an elevation of nearly 900 ft.; and there are some considerable hills on its N. frontier between Hales-Owen and Bromsgrove. The vales of Worcester and Evesham, or rather of the Severn and Avon, are alike beautiful and fertile; but the soil in other parts, especially on the E. side of the country, is cold and poor. Besides corn, cattle, and dairy produce, Worcester produces large quantities of fine wool, apples, hops, and excellent cyder. We are sorry, however, to have to state that agriculture is by no means in an advanced state. "The system followed is, in itself, a bad one, and is carelessly and negligently conducted. There is no rotation as to cropping; nor are any pains taken to relieve the ground from water, though it be in many places very wet. Ploughing; is badly performed, and the whole management of a slovenly description." (Kennedy and Grainger, on the Tensescy Land, i. 356.) In 1838 there were in this co. 1,832 acres under hops. Estates of all sizes; farms for the most part small. Average rent of land, in 1843, 30c. 114d. an acre. Coal is found in the N. parts of the co., and the brine aprings of Drotwich furnish immense quantities of salt.

The city of Worcester is the principal seat of the

the brine springs of Drotwich turnish immense quantities of sait.

The city of Worcester is the principal seat of the leather glove manufacture; the iron, hardware, and glass manufactures are carried on with spirit and success at Dudley; Kidderminster is famous for its carpets; and needles and fish-hooks are made to a greater extent at Redditch and Feckenham, in this co., than any where else in England or, indeed, in the world.

Worcestershire is divided into 5 hundreds, and 171 parishes. It sends 12 mems. to the H. of C. vis. 4 for the co., 3 each for the city of Worcester and the bor. of Evesham, and 1 each for the bors. of Kidderminster, Bewdley, Drotwich, and Dudley. Registered electors for the co., in 1849-30, 10,004, whereof 5,873 were for the E., and 4,131 for the W. division of the co. in 1841, Worcester had 46,919 inhab. houses, and 233,336 inhabs., of whom 114,656 were males, and 118,672 females. Sum expended on the relief of the poor, in 1848-49, 78,1354. Total annual value of real property in the co. in 1843, 1,532,5384.

Total annual value of reas propers, in 1,302,5382.

WORKESTER, a city, parl. and mun. bor. of England, locally situated in the co. of Worcester, of which it is the cap., but forming a co. of itself; hund. Oswaldslow, on the Severn, crossed here by a handsome stone bridge of 5 arches, 25 m. S. W. Birmingham, and 100 m. W.N.W. London; lat. 52° 9′ 30″ N., long. 3° 0′ 15″ W.

The city and old mun. bor., comprising 230 acres, cansitute about 1-4th part of the modewn parl, and mun. bor. which had, in 1831, a pop. of 26,805; the pop. of the modern parl, bor., in 1841, was 26,306.

Worcester is finely situated on the B. bank of the river, in a fortile and beautiful country; and is one of the best built, handsomest towns in the kingdom, having every appearance of wealth and respectability. "The main streets are wide, well paved, and lighted with gas; the central street, which traverses the city from N. is S., is of considerable length, and kept particularly clean in the state of the candidate of the cand

WORCESTER.

Exclusive of its numerous churches, Worcester has chapels for R. Catholics, Independents, Calvinists, Weslevans, Friends, &c. The guildhall, a large brick edifice, constructed in 1723, the front of which is ornamented with columns, statues, &c., has a hall for the accommodation of the courts of assize, a council chamber, &c. The old co. Jail and house of correction was defective in its plan and accommodation; but a new jail at the top of Foregate Street was built on Howard's plan, in 1824. The old city jail, in Friar Street, was formerly a Franciscan convent. The market-house, in the High Street, is a spacious and convenent building; and the public subscription library, in Foregate Street, contains reading and news rooms, and a considerable collection of books. Here is also a small theatre.

The royal grammar-school attached to the cathedral was founded in the reign of Henry VIII., for 40 scholars, who are prepared for the universities, and instructed besides in various subordinate departments of knowledge. It has two exhibitions to Bailioi College, Oxford. The free grammar-school, founded by Queen Elisabeth, in 1561, for 13 boys, has 14 exhibitions to the universities, of 304, each, and scholarships at Worcester College, Magdalen Hail, Oxford. The great Lord Somers and Buttler, author of Hudibran, were educated in this school, liere also are subscription schools on the Madras and Lancastrian plans, with several other schools for children of both sexes. The while number of children at school may be estimated at about 3,000. A Diocessan Board of Education for superintending all the schools in connexion with the Church in the diocese has recently been established. It has various almshouses, the oldest of which appears to be those of St. Oswald's hospital, founded in 1268: a city and county infirmary, erected in 1770; a lying-in institution, house of industry, female penitentiary, dispensary, &c. Several medical and other societies have been formed: a music meeting is held every third year in the hall

Worcester had formerly a considerable manufacture of weolien goods; but this has been discontinued, and the chief business of the city consists at present (1850) of the manufacture of gloves and china ware. The number of master manufacturers in the glove trade has of late years been a good deal reduced; but the trade itself is at present in a flourishing condition, and employs a great many hands. China ware of a superior quality used to be produced here on an extensive scale; but, owing to the superior facilities for its production enjoyed by the manufacturers in the Potteries, the business declined, and is now (1850) restricted to two factories. One of these, however, the Royal Porcelain Works, is on a large scale, employing (inc. the button branch) about 500 hands; and its produce, as respects beauty of design and excellence of material, is not surpassed by any in the kingdom. Messrs. Grainger and Co. principally produce articles of semi-porcelain, which are at once cheap and handsome. Here is an extensive manufactory of damask and hair seating. The other principal products are lace, spirits, tanned leather, nails, turnery ware, &c. There are some large iron foundries on the caula and river banks. The inland trade is carried on by means of the Worcester and Brimingham Canal and the Birmingham and Gloucester Railway, which is united by a short branch railway with the city. The canal communicates with the Severn, the banks of which have been furnished with good quays and spacious warehouses. An act, passed in 1842, placed the manage. The canal communicates with the Severn, the banks of which have been furnished with good quays and spacious warehouses. An act, passed in 1842, placed the management of the improvement it was intended to effect in the river in the hands of public commissioners, elected by the cities, towns, and landowners along its banks, within the distance of 42 m. from Gloucester to Stourport, which was to be improved. A continuous depth of 8 ft. water was expected to be obtained from the entrance of the Berkeley Canal at Gloucester to Worcester; and from thence a depth of 6 ft. to Stouport, where the Severn is joined by the Stafford sourport, where the Severn is joined by the Stafford and Worcester canal. Mr. Cubits, the engineer, drew up the plan adopted for the improvement. Its leading features are a succession of solid weirs built obliquely, instead of in the usual way, of solid weirs built obliquely, instead of in the usual way, at right angles, across the stream, with side cuts or locks. Ascending the river, the first weir is placed a little below the city of Worcester. The channel is left clear to that point. The fall in this portion of the river being very gradual, it is proposed to cut out the shallows, and keep them clear by dredging. The greatly higher scale of gradlents in the inclination of the river above Worcester rendered the employment of weirs and locks inevitable. The improvement un the upper part of the river has been quite successful, and vessels of 100 tons burden, drawing 6 ft. water, now navigate the Severn from Worcester to Stourport at all seasons of the year without let or hindrance. But in the lower part of the river the plan for dredging has not been equally successful, and there, also, g will be necessary to adopt weirs and locks. As it is,

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however, vessels drawing 7 ft. water have come up to Worcester, and that city is, in consequence of these racilities, becoming the centre of a considerable trade. About 20,000 tons of salt are now annually sent down the Severn from Droitwich, and nothing is wanted to the extension of the trade but a greater facility of navigation. The other great articles of trade are coals, iron, china-clay, groceries, &c., amounting in all to about 500,000 tons a year. The hop plantations of Worcestershire extend over about 1,030 acres, and most part of the produce is brought hither for sale. The society of Worcester is extremely good, it being the re-idence of many respectable families, attracted hither by the beauty of the situation, cheapness of living, facilities of education, and the variety of amusements furnished by its theatre, assemblies, concert, clubs, races, &c. It has four weekly newspapers, asavings' bank and four other banks, three of which are native establishments, and the fourth a branch of a Metropolitan Joint Stock Bank. It has, also, an extensive corn market.

tropolitan Joint Stock Bank. It has, also, an extensive corn market.

Worcester was chartered in the 1st of Richard I.; but the charter was not confirmed until the 2d of Henry III. Various other charters, &c., were afterwards granted by different sovereigns; but that hy which the city was governed previously to the Reform Act dated from the 19th of James I. It erected the city and liberties of Worcester into a co. separate from, and independent of, the co. of Worcester. Under the Municipal Reform Act, the city is governed by a mayor, il other aldermen, and 36 councillors. Corporation revenue in 1847-8, 3871. It has a commission of the peace, with jurisdiction in nearly all felonies, excepting such as affect life and limb. A sheriff court is held once a month by the under-sheriff; a court of common pleas, and petty seasons weekly; and it is the seat of a county court, before which 1,341 plaints were entered in 1848. The assisse for the co. are also held here. A police force has been organised, and the peace of the town is well maintained. Worcester has returned 2 mems to the H. of C. since the 22d of Edw. L.: the right of voting previously tained. Workester has returned a mems to the ratio of cannot the safety and the ratio of the ratio of the ratio of the ratio of the remem. Here, electron, in 1849-50, 2,753. It is also the seat of election and principal polling-place for the W. div. of

election and principal polling-place for the W. div. of the co.

Worcester is of great but uncertain antiquity. It is principally celebrated in history from its giving name to the decisive victory obtained here by Cromwell over the forces of Charles II., on the 3d of Sept. 1651. Among other eminent individuals, Worcester gave birth to the distinguished statesman, Lord Somers, born here in 1652. Markets, Wednesday and Saturday. Fairs, eleven times a year, mostly for cattle, lambs, horses, linen, hops, cheese, &c. (Parl. Bosmd. and Muss. Reps.; Recs' Cyclopadia; Priv. Inf.)

Woscester, a town of the U. States, in Massachusetts, cap. co. Worcester, 3b m. W. by S. Boston. Pop. in 1850, 19,000, having more than doubled in the preceding 10 years. It is pleasantly situated in a fine agricultural district; and being at the junction of several important roads, as well as on the great railway line between Boston and Albany, it is the centre of a considerable inland trade. The principal street, upwards of 1 m. in length, is well bulk, and has many good private houses and hotels. The court-house, jail, several churches, a state-asylum for the insane, the hall of the American Antiquarian Society, with a museum, and a library of 12,000 vols. (Bratford), are the chief public diffices. Worcester has numerous woollen, cotton, and paper-mills; machine factories, and printing-offices. The Blackstone Canal connects the town with Providence, and other canals with Boston and the Connecticuline. The permanent settlement of the town took place in 1713, and its incorporation in 1712.

WORKINGTON. a market town, par., and sea-

line. The permanent settlement of the town took place in 1712, and its incorporation in 1722. WORKINGTON, a market town, par., and seaport of England, co. Cumberland, ward Allerdale, on the Derwent, near its mouth, 7 m. N. by E. White-haven. Area of par., 7,730 acres. Pop. of do., in 1841, 6,994, of whom 6,045 inhabited Workington township. The streets are mostly narrow and inconvenient; but of late years many good houses have been erected. In the upper town a new square has been built, in which the corn market is held. It has a small neat theatre, assembly and news rooms, and various other public buildings. The Derwent is crossed here by a stone bridge, of three arches. The par. church, rebuilt in 1760. buildings. The Derwent is crossed here by a stone bridge, of three arches. The par. church, rebuilt in 1760, has a fine altar-piece: the living is in the gift of—Curwen, Esq., whose mansion, Workington Hall, a fine castellated structure, on a richly wooded height, overlooks the town. A chap-l-of-ease, in the Tuscan style, was built in 1823; and here, also, are chapels for Independents, Methodists, Prestylerians, R. Catholics, &c. A grammar school, founded in 1664 by Sir P. Curwen, has those cased to exist; the founder having had only a life since ceased to exist; the founder having had only a life interest in the property with which it was endowed. There are, however, Lancastrian and female schools, a dispensary, and various institutions for the benefit of the poor, supported by subscription. Workington has ma-nufactures of sailcloth and cordage, and a valuable salmon

fishery on the Derwent, the property of the Earl of Lonsdale; but it derives its principal importance from the extensive collieries in its vicinity, which farnish considerable quantities for shipment to Ireland, the Isle of Man, &c.

Man, &c.

Workington harbour is protected by a breakwater, and has good quays; but it nearly dries at low water. It is a creek of the port of Whitehaven; but it has about 7,000 tons shipping. Ship-building has been long carried on; and a fine Indiaman was launched in the course of the present year (1851). Markets, Wed. and Sat.; fairs, May 18. and Oct. 18. Races are held annually in August.

way it. and oct. 18. Maces are need annually in August.
WORKSOP, a market-town and par. of England, co.
Nottingham, wapent. Bassellaw, on the Ryton, a tributary of the Idle, 23 m. N. Nottingham. Area of par.,
18,320 acres. Pop., in 1841, 6,197. The town, consisting
chiefly of one street, crossed by two others, is well built,
paved, and lighted. Its church, which formerly belonged
to an Augustine priory, is a sine old edifice, with two
lofty towers, and has within several ancient monuments.
The living, a vicarage worth 3864, a vera clear, is in the

to an Augustine priory, is a fine old edifice, with two lofty towers, and has within several ancient monuments. The living, a vicarage worth 388% a year cleer, is in the gift of the Duke of Norfolk. Here, also, are places of the living, a vicarage worth 388% a year cleer, is in the gift of the Duke of Norfolk. Here, also, are places of the living and some small endowments for paracchial and charitable purposes. The sown is celebrated for its malt, and was formerly, also, celebrated for its liquorice, of which large quantities were raised in the adjoining district; latterly, however, its culture has been wholly abandoned. Worksop may be regarded as the cap, of the district popularly called the "dukery," from its containing Worksop-manor, formerly a seat of the Duke of Norfolk, Clumber Park, the seat of the Duke of Nowcastle, and Welbeck Abbey, the seat of the Duke of Nowcastle, and Welbeck Abbey, the seat of the Duke of Portland. These are all magnificent residences in fine parks. But the Duke of Newcastle having purchased Worksop-manor, the house, which had been rebuilt in 1763, has been pulled down. Clumber Park, now about 11 m. to circ., and finely laid out and wooded, was, so late as the erra of the American war, little better than a black beath; therefore the park of the park of the American war, little better than a black beath; the seat of Earl Manvers. Markets on Wednesday.

WORMS (am. Borbetomague), a city of W. Germany, grand ducky of Hesse Darmstadt, prov. Lower Hesse.

on Wednesday.

WORMS (an. Borbetomagus), a city of W. Germany, grand duchy of Hease Darmstadt, prov. Lower Hesse, cap. cant. on the W. bank of the Rhine, near the border of Rhenish Bavaria, and Son. S.S.E. Mentz. Pop., in 1850, about 9,500. It was formerly an important free city of the empire, but is now much decayed, and is surrounded by dismantled and ruined walls. "Its Interior," says Mr. Chambers, "consists of a single good street, lined with tall mansions, inhabited by persons of an inferior order, and a number of back isnes and detached buildings, many of them vacant and desolute. In a piece of open ground behind the main street stands the cathedral, a building of red samstone, its foundation dating as far back as the beginning of the 11th century (Schreiber, Guide dis Rhim, says the 8th). The eriginal part of this edifice is Gothic, but the larger portion is in the Bysantine stip; the interior arches being century (Echrener, Guide & Mass, says the Sth). The criginal part of this edifice is Gothic, but the larger portion is in the Bypantine style; the interior arches being all rounded, and the pinnacles and dome fretted in the Moorish taste. The building contains a number of excellent pieces of sculpture, and the high altar at the E. end is environed with ancient carvings, in oak." (Town on the Rasse, 60.) This cathedral has 2 choirs, each surmounted by a cupola, one of which rises 187 ft. (Schreiber) above the pavement. The W. choir is a good specimen of the architecture of the 12th century, and has a magnificent rose-window of that period. The Lutheran church in the market-place, in which is a painting of Luther before the Diet of Worms, in 1521, occupies the site of the council-hall, in which that event took place. This hall was destroyed when the city was bombarded by the French, in 1689; at which time, also, a vast number of houses were destroyed. From this period, in fact, the decay of Worms may be dated; many of the inhabs. having afterwards settled in other German towns, and in Holland. Some of the other churches deserve notice; having atterwards settled in other German Gows, and in Holland. Some of the other churches deserve notice; and there are 2 synagogues. Charlemague was married at Worms; and it was frequently inhabited, both before and after his time, by the Frankish sovereigns; but no remains of the imperial palace exist, except a few frag-ments of a wall, forming part of the Burgerkop, a prison,

were, also, held here in 1492, 1817, and 1821. latter is famous from the fact of Luther having, as a

WREXHAM.

were, also, held here in 1492, 1617, and 1531. The latter is famous from the fact of Luther having, as already stated, appeared before it, to explain and answer for his opinions. On appearing before the Diet, he displayed equal firmness and moderation. An edict was, however, issued against him on the 26th of April, by which he was excommunicated as an obstinate heretie. But previously to this, in consequence of the determination of the emperor and the other princes who had given him a safe conduct, not to forfeit their word, he was allowed to withdraw from the city in safety. (**Rchreiber*; **Berghaus*; **Rchreiber*; **Rehreiber*; * Sunday schools are attached; with well attended national schools for both sexes, supported by subscription; a savings' bank, and a small, but elegant theatre, opened in 1807. The market-place consists of ranges of covered stalls built around a square area. The Esplanede, a raised causeway, extends along the shore for the whole length of the town: near its W. extremity are the Royal Baths, comprising two complete suites of apartments. The New Partsian Baths, recently built, adjoin the Sea House Hotel. It is almost superfluous to add, that it has numerous hotels, with assembly-rooms; libraries, reading and news-rooms, convenient bathing-machines; and numerous hotels, with assembly-rooms; libraries, reaing and news-rooms, convenient bathing-machines; and the other accommodations incident to a well-attended watering-place. Fine sands extend along the coast for 7 m. to the W., and 3 m. to the R. of the town. These, with the gradually increasing depth of the water, which gives the opportunity of bathing at any time of the tide, added to the mildness of the climate, in consequence of the shelter afforded on the N. and R. by the South Downs, render Worthing especially suitable as a place of resort for invalids. No manufacture of any kind is carried on; but the mackarel and herring fisheries are user-ally very productive, and contribute largely to the supply ried on; but the mackarel and herring fisheries are usually very productive, and contribute largely to the supply of the London markets. An annual fair is held on July 20.; market-day, Sat. and every alternate Wed. for corn. (Guide to Watering-places of England; Priv. Lef.) WREXHAM, a parl. bor., market-town, and par. of Wales, co. Denbigh, hund. Bromfield, on the high resibetween Shrewsbury and Chester, 11 m. S. by W. the latter. The par. of Wrexham includes no fewer than 13 townships, 2 only of which and a small detached portion of a third are included in the parl. bor., which has a area of about 1,145 acres, and had, in 1841, a pop. of 5,831.

area of about 1,140 acres, and had, in 1941, a pop. 0.

Wrexham is a handsome and lively town, with specious streets crossing each other at right angles, asia neatly and substantially built houses; it is, also, well paved, lighted with gas, and plentifully supplied with water. The church, dedicated to St. Gilea, a large and venerable structure, is deservedly regarded as one of the principal ecclesiastical edifices in the principality. It was erected about 1473 on the site of a more ancient structure: it is in the Perpendicular style, and is covered with groteques sculpture; but in correctness of design and proportion it is surpassed by few buildings of the same date. It consists of a nave, with side sisles and a chancel, the whole length being 178 ft., and the breadth 73 ft.; the sisles are separated from the nave by clustered columns supporting pointed arches; and the ceiling is of oak, in imitation of groined stone. The tower, which was not completed till about 1805, is 185 ft. in height: it counists of several successive stages panelled throughost, and decorated with numerous statuess of saints pisced is alches of the buttresses; which latter are surmounted by sinches of the buttresses; which latter are surmounted by remains of the imperial palace calls, carefully a prison, and police-office. Worms is the seat of a consistory, a prison, and police-office. Worms is the seat of a consistory, about haif its inhabs, being Protestants; and it has several convents and hospitals, a gymnasium, and elementary schools, supported by different religious sects. It has manufactures of tobacco, sealing-wax, hats, &c.; but its principal trade is in wine, and other agricultural produce. The vicinity of Worms, celebrated by the ancient Minnesingers as the Wossagess, or "land of Joy," is in great measure covered with vineyards, producing some of the best growths of the Rhine. The famous Liedyressession is grown around the church of Notre Dame, close to the city. Worms is supposed to owe its origin to a fort crected here by Drusus: many Roman antiquities have been discovered in and near it. Among the councils held at Worms, that in 1123 was the most famous. Diets

places of worship for Protestant dissenters; a house of correction for the co., with 7 wards; a free endowed grammar-school; 2 parochial national schools; a public library; reading, news, and lecture-rooms; agricultural and horticultural societies; a neat theatre; and a property, yielding 230/. a year, for distribution among the poor and other charitable purposes. The town-hall, at the head of High Street, has a large room used for public meetings. Annual races take place in October. The town is under the jurisdiction of the co. magistrates, who here hold monthly petty seasions for the hunds. of Bromseld and Gale. The Reform Act conferred on Wrexham the privilege of voting in the return of a mem. to the H. of C., along with the bors. of Denbigh, Holt, and Ruthin. Registered electors for Wrexham and the other bors. in 1849-50, 831. It is one of the polling-places for the co. No particular branch of trade or manufacture is now carried on here; though Leland describes it, some centuries since, as containing "sum merchanntes and good brokeler (buckler) makers." It owes its present degree of activity principally to its situation on the main road from North Wales through Chester to Liverpool. Coal, iron, and lead mines are extensively wrought in the parish, which has also some large from works. places of worship for Protestant dissenters; a house of Exclusive of several of minor importance, a large fair, which continues for 14 days from the 23d of March, and which continues for 14 days from the 23d or maren, and is attended by traders from a great way round, is held here annually, for the sale of horses, cattle, Manchester, Birmingham, and Sheffield goods, Irish linens, Welsh flannels, Yorkshire and other woollen cloths, &c. Five large areas in the town are fitted up with booths and temperature of the dealers in the porary shops, for the accommodation of the dealers in the fair. Market-days, Monday and Thursday. (Nicholson's Cambrian Guide; Panorama of N. Wales; Bound. Rep.,

WURZBURG, a city of Bavaria, circ. Lower Fran-conia, of which it is the cap., on the Mayn, by which it is divided into 2 parts, 62 m. S.E. by E. Frankfort, lat. 49° 47′ 48″ N. long. 7° 38′ 0″ E. Pop., exclusive of students and troops, about 22,500. Wirzburg is finely situated, in a hollow surrounded by vine-covered hills, situated, in a hollow surrounded by vine-covered hills, and traversed by the Mayn, here a large and fine stream, covered with boats and barges. The greater part of the city is on the right or N. bank of the river, the communication with the citadel, and a suburb on the opposite bank, being kept up by means of a handsome bridge. Würzburg is inclosed by walls, and, being one of the oldest towns of Germany, is irregularly laid out, its streets being generally narrow and angular; it has, however, some venerable edifices. The cathedral was originally founded venerable edifices. The cathedral was originally rounded in the 8th century, but the earliest portions of the present building appear to date from the 11th or 12th. The interior has been modernized with little taste; but it interior has been modernized with little taste; but it has some monuments worth notice, including those of a long series of the prince-bishops of Wiirzburg, the sovereigns of the city and adjacent territory, for upwards of 1,000 years. There are 32 other churches, the finest of which is the Marienkirche, in the pointed Gothic style. The royal, formerly the episcopal, residence, in a small square, was erected early in the last century; it is of an oblong form, on the plan of the palace at Versailles, and is of great extent, including, besides a magnificent staircase, unwards of '390 martinests, rostices. nificent staircase, upwards of 280 apartments, mostly fitted up in the style of Louis XIV. The gardens attached to it form a favourite promenade. The great attached to it form a favourite promenade. The gradens attached to it form a favourite promenade. The great hospital is an extensive and well conducted establishment, partly subsidiary to the school of medicine, for which the university of Würzburg is famous. This university was founded in 1403, and revived in 1592: at different periods it has been in a very flourishing state. It has some good scientific collections, and a library of 120,000 volumes. In 1832, it had 521 students, of whom 244 attended the medical classes, 109 the law, 118 the divinity, and 50 the philosophical, &c. (Journ. of Education); but the number of students has since declined, and probably does not at present (1842) amount to 400. It has, also, a gynnasium, a teachers' seminary, musical and polytechnic institutions, a society of arts and sciences, and an infirmary for the cure of deformities. Only 3 or 4 of the numerous monastic institutions formerly established in the city now exist. Würzburg is the seat of the court of appeal for the circle, Würzburg is the seat of the court of appeal for the circle, Würzburg is the seat of the court of appeal for the circle, and a bishop's see. Its manufactures consist principally of woollen stuffs, hats, leather, scaling-wax, and surgical instruments. It is the principal depôt for Franconian wines, which are mostly sent down the Mayn to Frankfort; and its trade will most probably be materially increased by the opening of the causal from Bamberg on the Mayn to Dietfurth on the Altmuhl, an affluent of the Danube. Würzberg was secularised and given to the Archduke Ferdinand of Austria in 1803, and was ceded to Bavaria in 1815. (Explans: Diet. Gioca. was ceded to Bavaria in 1815. (Berghaus ; Dict. Géog.,

dc.)
WYCOMBE (CHIPPING, or HIGH), a parl. and
mun. bor., market-town, and par. of England, co. Buckingham, hund. Desborough, on the Wick, a small tributary of the Thames, and on the high road from London

to Oxford, 27 m. W.N.W. the former. The old parl, and mun. bor., which were co-extensive, did not include the whole of the town; but the modern mun. bor. is rather more than three times the size of the former, and the modern parl. bor. is identical with the par. The latter has an area of 6,380 acres; with, in 1841, a population of 6,480. Wycombe extends for 1½ m. along the valley in which it is situated; and, though it has increased but little of late years, its general appearance is that of a well-built, prosperous, market-town. The principal roads communicating with the country to the N.W. and S.E., diverge from the market-place in the principal roads communicating with the country to the N.W. and S.E., diverge from the market-place in the centre of the High Street. The church, a large and venerable structure in the perpendicular and early-decorated styles, has a tower at its W. end, 108 ft. in height, erected in 1522; but the rest of the church dates chiefly from the latter care of the 18th contrar. The interior rated styles, has a tower at its W. end, 108 ft. in height, erected in 1522; but the rest of the church dates chiefly from the latter part of the 13th century. The interior has a fine altar-piece, and several monuments, among which is one by Scheemakers, to the Earl of Shelburne, father of the first Marquis of Lansdowne, who died in 1761, and another by Carlini to a Countess of Shelburne. The living, a vicarage worth 1402. a year, is in the gift of the Marquis of Lansdowne. The Independents, Baptists, and Friends, have places of worship here. The town-hall, erected in 1775, is a large and respectable brick building, supported on stone pillars. The free grammar-school, founded by Queen Elizabeth, has attached to it some almshouses, and an income of about 3902, a year. Though established for an unlimited number of scholars, only 21 were receiving instruction at the date of the late inquiry. Here, also, is a girls' Lancastrian school, with numerous bequests for the general relief of the poor. The manufacture of chairs is the only one of any importance carried on in the town. Some years since a considerable quantity of pillow lace only one of any importance carried on in the town. Some years since a considerable quantity of pillow lace was produced here; but this branch of industry has been nearly superseded by the machine-made lace of Nottingham and other places. There are several considerable paper-mills near the town, on the Wick, and others in different parts of the parish. But the prosperity of High Wycombe is mainly owing to its being a place of considerable thoroughfare, though, since the opening of the Great Western Railway, that has materially diminished; and to its being the market-town for a district of 10 m. round. It has an extensive corn-market.

The earliest extant charter dates from 1886. Under the Mun. Reform Act it is governed by 4 aldermen, and 12 councillors.

12 councillors.

The bor. has returned 2 mems. to the H. of C. since the 28th of Edward I. Previously to the Reform Act the right of election was vested in the mayor, aldermen, the right of election was vested in the mayor, aldermen, balliffs, and burgesses, of whom there were usally about 180. As already seen, the limits of the modern part, bor-have been considerably enlarged. Registered electors, in 1849-50, 346. Waller, the poet, was mem. for this bor-in 1625. A little S.W. from the town is Wycombe Abbey, the seat of Lord Carrington, by whose ancestors

Abbey, the seat of Lord Carrington, by whose ancestors it was purchased from the Lausdowne family. Marketday, Friday; fair, Monday before Michaelmas. (Mun. Corp. and Bound. Rep., &c.)
WYMONDHAM, or WYNDHAM, a market-town and par. of England, co. Norfolk, hund. Forehoe, on a hill, 9 m. S.W. by W. Norwich. Area of par. 11,240 acres. Pop. of ditto, in 1841, 5,179. The town, on the high road from London to Norwich, has a market-place with an ancient cross. The church, a venerable strucre, in a mixed style, consists of a nave with aisles, a large W. tower, and another at the intersection of the nave with the transepts. Originally it formed a part of nave with the transepts. Originally it formed a part of a monastery founded in the time of Henry I., to which the town appears to have owed its earliest importance. the town appears to have owed its earliest Importance. Within are many curious monuments, including that of the founder, William de Afbini; a large carved font, &c. The living, a vicarage worth 5151212122\texts

A national school affords instruction to about 100 boys and 70 girls: 200 children attend a Sunday school attached to the church, and about the same number frequent one attached to a dissenting chapel. It was estimated, in 1839, that about 1-6th part of the pop. was supported by wearing, principally bombazines, crapes, and other Norwich goods. There were about 300 looms at work in the town; about 1-3d for a resident manufacturer, 1-3d for Norwich manufacturers, and the rest for various employers. The average wages of weavers at that

period amounted to only about 7s. a week per loom, many of the weavers having only half-work; and few members of the weavers' families were brought up to assist, but sought rather for agricultural or other employment. (Hand-loom Weavers' Reports, ii. 232, 329.) A court leet is held annually, and a manorial court occasionally. A little to the N. of this town is Kimberley Hall, the seat of Lord Wodehouse, in an extensive and finely-wooded park. The Wyndham family, one of the most illustrous in the co. of Norfolk, which derived its name from this town, has produced, among other eminent individuals, the distinguished parliamentary leaders, Sir William Wyndham, of that of George II. Markets at Wymondham, on Fridays; fairs for cattle, &c., Feb. 12kh, May 16th, and Sept. 29th. (Parl. Reps., \$c.)

X.

XALAPA, or JALAPA, a town of Mexico, state Vera Crus, on the high road from Vera Crus to Mexico, 55 m. N.W. the former. Pop. estimated at 13,000. It stands on a platform, about 4,300 ft. above the level of the sea, surrounded by fine mountain scenery, and somestands on a platform, about 4,300 ft. above the level of the sea, surrounded by fine mountain scenery, and sometimes subject to heavy fogs. Its climate is generally mild and salubrious, though it is said to be neither so clean nor so well built as Vera Cruz; but it has numerous houses of 2 stories, built after the old Spanish manner, in a square, enclosing a court planted with trees and flowers, with a fountain in the centre. The cathedral and other churches, though in an indifferent style of architecture, are very gorgeous. This was formerly a great entrept for the European trade with Mexico, and large fairs were hold here; but its trade has greatly diminished, and its shops and warehouses do not now make much show: at present, indeed, Xalapa is chiefly celebrated for its washing; and many of the inhabs, of Vera Cruz, and, indeed, of all the adjacent coast district, or tierras callentes, resort to Xalapa in the summer to avoid the heat, insects, and fevers of the low country, from all which it is indebted for its name. (Wara's Mexico, 18, 200.; Poinsett's Mexico, 35-37.)

XERES DE BADAJOS, or DE LOS CABALLEROS, a town of Spanish towns, had numerous monastic institutions; but from its being out of any great route, it is rarely visited by travellers. It has manufactures of linen fabrics, leather, hats, soap, &c., and a large trade in cattle, which are extensively reared in its neighbourhood.

tures of linen fabrica, leather, hats, soap, &c., and a large trade in cattle, which are extensively reared in its neighbourhood.

XERES DE LA FRONTERA, a city of Spain, in Andalusia, prov. Cadis, on the road from Cadis to Serilla, near the Gaudaleta, 17 m. N. N. E. Cadis. Pop., according to Mifiano, 31,000, which, though perhaps somewhat underrated, is, we suspect, much nearer the mark than Captain Scott's estimate of 50,000. "Xeres is situated in the lap of two rounded hilliocks, which shelter it to the E. and W.; and it covers a considerable extent of ground. The city, properly so called, is embraced by an old created Mooriah wall, enclosing a labyrinth of narrow, ill-built and worse drained streets; but this wall is of no great circuit, and is so intermixed with the houses of the suburbs as to be visible only here and there. The limits of the ancient town are, however, well defined by the numerous gateways still standing. Some of the old buildings and narrow streets are striking in appearance, and the number of gables and chimneys cannot fail to strike one who has been long accustomed to the fat-roofed cities of Andalusia." (Scott's Rosada, &c. ii. 79.) It has eight par. churches, among which is one that is collegiate, with a library and a collection of coins; a town-hall, numerous convent; a foundling, an orphan, and other hospitals; several schools, a college, a public granary, infantry barracks, and an old fortress are the principal public edices. The streets, even in the best parts of the city, are disgustingly flithy; and the want of cleanliness is no doubt the main source of the destructive epidemics with which the town is frequently visited.

Xeres derives its principal or rather its sole importance from its being the great emporium of the well-known wine, called sherry, grown in its vicinity. The principal wine merchants reside mostly in the suburbs, where are, also, the largest warehouses. Those are all above ground, and are immense buildings, with lofty roofs supported on arches, springing from ro

YAKUTSK.

The vineyards, mostly situated on alopes, are scattured at considerable distances; in 1818 they were estimated to comprise an area of about 8,000 acres; and at present, perhaps, they may extend over 12,000 acres. It is not seen to form any very accurate estimate of the produce of the sherry vineyards, partly because there is no accurate account of the exports and of the stocks on hand, and partly because a considerable quantity of the light wines, called the sugger, grown on the right bank of the Guandalquivir, in nixed up with the inferior sherries. Probably, however, the average annual export of sherries may amount about 20,000 butts (the butt contains about 105 wise gallons), worth from 12, to 664. a butt! It is a mistake is suppose that good sherry is a cheep wine. "It may," says inglis, "be laid down as a fact, that genuine sherry, so years old, cannot be imported under 30s. a dosen; and the accumulation of interest, it is obvious that genuine sherry, 8 years old, cannot be purchased in England under 45s. a dosen, he may be pretty well satisfied that it is a hoax, and that Marsais or Cape Madeira, and not sherry, is the staple of the wine.

The finer sherries are all made from the Newson.

a hoax, and that Marsala or Cape Madeira, and not sherry, it the staple of the wine.

The finer sherries are all made from the Xeres graps, with the addition of only about 2 bottles of brandy to 3 butt, and sometimes of a little Paxarete, or sweet sherry, and of Amontillado. The wines are mostly all kept in very large casks, approaching in some degree to the Heidelberg tun, and when any wine is drawn off from one of these madre butts, it is replaced by an equal quantity taken from the next oldest butt, so that it is idle to talk of the sherry found in the market belonging to any particular vintage. The dark or deep brown sherries are occasionally produced by bolling a quantity of nale sherry to a sherry for the sherry to sherry found in the marker unwaying to any proposal viritage. The dark or deep brown sherries are occasion-ally produced by boiling a quantity of pale sherry to one fifth part its bulk, and mixing up this residuum with paler sherries, in quantities proportioned to the shade required. Amontillado, made in instation of the wine of Montilla, near Cordova, the driest of sherries, in male from a variety of grapes plucked before they are quire ripe. It is the purest of the sherries, and will bear no admixture of either brandy or boiled wine. England is and has long been the principal market for

England is and has long been the principal market for sherries. They used originally to be introduced and sold under the name of sack; but it is only of late years, and especially since the decline in the taste for Madeira, that they have come into all but universal use among all classes as a dinner wine. It is not easy, indeed, to account for their extraordinary popularity; for, though sherry of good quality, and kept to a proper age, be a very superior wine, the tiner varieties bear no proportion se those that are inferior; and it is, besides, too powerful to be used with any degree of freedom.

To show its popularity it is sufficient to mention that, in 1849, of 6,25,1862 galls, wine entered for consumetion in the United Kingdom, no fewer than 2,448,100 were sherry! The entries of port during the same year amounted to 2,648,242 galls, making togsther 4,156,313 galls, leaving only 1,155,513 galls, for all the other serior of wine! (Scott's Ronde and Granada, ii. 78, &c.; Henderson on Wine, 190, &c.; J. Taglite, ii. 78, &c.; Henderson on Wine, 190, &c.; Ol late years Fort St. Mary, on the N. side of the Esy of Cadis, 10 m. S. W. Xeres, has absorbed a considerable part of the trade of the latter, the wine-merchants whe have settled there having the additional advantage of being able to superinteed the shipping of their wines. Xeres has a few manufactures of serges, leather, soap, &c., but only for the consumption of its own inhabs. On the plain outside its walls was fought, a. D. 714, the battle which finally overtured the Visignthic measurements of the server of the server of the consumption of the worn inhabs. On and especially since the decline in the taste for Ma

acc., out only to the consumption of its own inshand. On the plain outside its walls was fought, A. D. 714, the heatile which finally overturned the Visigothic monarchy of Spain, and gave a great part of that country to the Moora. On the Guadalete, near the scene of this battle, is a Carthusian monastery, founded in 1571, once the mest celebrated in Spain, but now in decay.

Y.

YAKUTSK, a town of E. Siberia, cap. of the immense prov. of its own name, on the Lena, about 1,150 m. N.E. Irkutsk, lat. 63° 1′ 50′ N., long. 147° 4e′ E. Pop. about 4,000. According to Wrangell, "Yakutsk has all the character of the cold and glocamy north. It is situated on a barren flat, near the river. The streets are wide, but the houses and cottages are poor in appearance, and are surrounded by tall wooden fences. Here are five churches, a convent, a stome building for commercial purposes, and an olden wooden fortress with its ruined tower, built in 164°, by the Cossack conquerors of Siberia. The town has, however, undergone great improvements in the last thirty years. The Yakut huts have been replaced by substantial houses; the windows of ice or talc, have given way to glass in the better class of houses, and the more wealthy inhabitants begin to have higher rooms, larger windows, double doors, &c.

YANINA.

"Yakutak is the centre of the interior trade of E. Siberia. All the most costly furs, as well as the more common kinds, wairus teeth, and fossil remains, are brought here for sale or barter, during the ten weeks of other from Anabor and Behring's Straits, the coasts of the Polar Sea, and even from Okhotak and Kamtschatka. It is not easy to imagine the mountain-like piles of furs of all kinds seen here; their value often exceeds 2,500,000 roubles. Almost all the Russian settlers in Yakutak employ their little capital in purchasing furs from the Yakuti during the winter; on which they realise a good profit at the time of the fair, when they sell them to the Irkutak merchants.

"As soon as the Lena is clear of ice, the merchants begin to arrive from Irkutak, bringing with them for barter, corn, meal, the pungent Circassian tobacco, tea, sugar, brandy, rum, Chinese cotton, and silk stuffs, yarn, eloth of inferior quality, hardware, glass, &c. But at the annual fair there is not the appearance of animation and bustile, which might naturally be expected. The goods are not exposed for sale, and most of the purchases are effected in the houses or enclosures of the citizens." (Wrossgell's Siberia, 11—13.) Dobell says, that the linhabs, are hospitable and gay. Several balls were given during his stay, and the dress, manners, and appearance of the people far surpassed what he expected in or remote a situation. (Trac. il. 12.) The variations of climate are extraordinary; for, though, on the whole, cold predominates to a very great extent, the thermometer in winter often failing to—40° R., or 56° below the services Lena, Yana, Indigirka, and Modyma, which supply vast quantities of fish. Iron, salt, and excellent talc are the chief mineral products: game, of many kinds, abounds. Large herds of cattle, &c., are reserde near Vakuta.

rivers Lena, Yana, Indigirka, and Kolyma, which supply wast quantities of fish. Iron, salt, and excellent talc are the chief mineral products: game, of many kinds, abounds. Large herds of cattle, &c., are reared near Yakutsk, and notwithstanding the severity of the winers, rye, barley, and even wheat, are said to succeed well throughout the province, except in those parts which are o far N. as to render the aummer too short for ripening grain. (See Dobell's Travels in Siberia, ii. 21, &c.; Wrangell's Siberia and the Polar Sea; &c.) YANINA, improperly JOANNINA, (probably the an. Eurea), a city of European Turkey, prov. Albanis, of which it is the cap.; on the W. bank of the lake of its own name, 80 m. W. by N. Larissa. Lat. 39° 47' N., long. 21° E. Pop., said to be at present about 12,000. It occupies a small peninsula, extending into the lake, and a part of the adjacent shore, its site being tolerably level. Twenty-five years ago Yanina was a town of 30,000 inhaba., with numerous mosques, many large and well-built houses, and several palaces. It had then a considerable trade with the rest of Epirus, Roumelia, Wallachia, &c.; and a large annual fair, to which a good deal siderable trade with the rest of Epirus, Roumells, Wallachia, &c.; and a large annual fair, to which a good deal of Italian produce, with French and German manufactures, &c., were brought. It was, however, set on fire by order of its barbarian and bloodthirsty tyrant, All Fachs, in 1820, and was almost wholly ruined. The streets are narrow and crooked, and the houses are now router. mostly of mud. Numerous vacant spaces, especially about the citadel, are covered with ruins, and all its anination is confined to the bazaar. (Burgess's Greece 1. 61-63.)

The lake of Yanina is about 6 m. in length, and nearly 3 in its greatest breadth: it is narrowest at the N., and gradually expands towards the S. Mr. Burgess says that the scenery around it would be fine if its banks were wooded; but as it is, the lake is far inferior in respect of beauty to those of Italy or Switzerland, and is excelled by some of the Scottish lakes. An island opposite the peninsula has a church and monastery. The description given by modern travellers of the site of Yanina and its lake, answers perfectly to that of the city and lake of Euræa by Procopius. Justinian built a fortress at Euræa, apparently on the identical site now occupied by the citadel of Yanina. (Cramer's Aucicust Grecce, 1. 141, 142; Burgess's Grecce, &c.; Hobbouse; Hughes; Crawer's Grecce, &c.) The lake of Yanina is about 6 m. in length, and nearly

141, 142; Burgess's Greece, 3c.; Hobbouse; Hughes; Crawer's Greece, 3c.)
YARK UND, the chief city of Chinese Turkestan, in a fertile plain, on the river of its own name, lat. 380 19 N. long. 760 17 46' K. Its pop. has been variously estimated, but may probably amount to 50,000, exclusive of the Chinese garrison. (Burnes' Bokhara, 4c., iii. 193.) It is enclosed by an earth rampart, plerced with five gateways, outside which are extensive suburbs: there are two citadels, one in the suburbs, and the other in the town. The houses, built of stone and clay, are mostly only one story in height; the streets are interacted by numerous canals and aqueducts which bring water from the river for the use of the inhabs. Yarkund has two large bassars, numerous mosques, and 10 or 12 Mohammedan colleges, most of the native inhabs. begin Mussulmen, though much more lax in their religious Mussulmen, though much more lax in their religious prejudices than their neighbours to the W. About 200 Chinese merchants reside in the place, and some Cash-

merians and Persians, but only a few Hindoos, and neither Jews nor Nogai Tartars. When Marco Polo visited this city, he found some Nestorian Christains among the inhabs. (Ritter, Erdkussde von Asics., p. 390.—400.)

among the inhabs. (Ritter, Erdkusade von Asien, p. 390.—400.)

"The productions of China," says Sir A. Burnes, "are transmitted to this prov., and sold to the natives of Bokhara and Thibet, who are permitted to frequent certain fixed markets. No Chinese croases the frontiers; the trade to Bokhara being carried on by Mohammedans, who visit Yarkund for that purpose. The same vigilance to prevent the ingress of foreigners is here exhibited as upon the sea-coast." Horses are a great article of trade; and it is chiefly to open a traffic in these animals, that Moorcroft desired to reach Yarkund, in which attempt, however, he was frustrated by the jealousy of the Chinese authorities. "Yarkund, with the adjacent prov. of Cashgar, formed the principality of a Mohammedan Khojir. Dissensions arose in the reigning family about eighty years since (in the time of Kien-long), and they called on the Chinese government as a mediator, which, as frequently happens, acted the part of a conqueror. The period which has elapsed since the capture of Yarkund has in no way diminished the precautions of the Chinese government. Yarkund is still considered out an outpost, and the communication between it and Paking is maintained in a most characteristic manner." but an outpost, and the communication between it and Peking is maintained in a most characteristic manner."
(See Burnez, iii. 193—196.) The Mohammedan natives, indeed, fill the subordinate offices of state, but under the strict superintendence of the Chinese authorities. The garrisons, consisting of from 5,000 to 7,000 soldiers, are recruited from boys of 14 and 15 years old, who are sent back, after about as long a period of service. (Burnez, According to some Chinese documents, the annual tribute of the Varkund necole to the Chinese commisses 30 or of the Varkund necole to the Chinese commisses 30 or

garrisons, consisting of from 5,000 to 7,000 soldiers, are recruited from boys of 14 and 15 years old, who are sent back, after about as long a period of service. (Burnes, According to some Chinese documents, the annual tribute of the Yarkund people to the Chinese comprises 30 oz. of gold, 35,000 do. of silver, 30,000 sacks of corn, 80 ho. oil. 57,000 pieces of linen. 18,000 labs. cotton, 3,000 labs. co

line fronting ten sea, it is consequently a bridge over the Yare with South town, or Little Yarmouth. This suburb, forming the N. part of Gorlestone par., consists principally of neat and substantial private residences; with docks, timber wharfs, building yards, &c. on the river, and in which much of the business of this port is carried on.

The other distinct group of buildings in Gorlestone, which forms the village or town of that name, lies considerably more to the S., nearer to the entrance of the harbour. South town is very imperfectly lighted; and Gorlestone is neither paved nor lighted." (Muss. Corp.

Yarmouth quay is one of the most extensive and finest in England: it is upwards of I m. in length, and in some places 150 yards in breadth, having in its centre a planted promenade. Here is the town-hall, a handsome edifice with a Tuscan portico; the council chamber, which is highly decorated, has a full-length portrait of George II. The Star inn, near the town-hall, was once the residence of Bradshaw, president of the High Court of Justice which condemned Charles I.; and some of its apartments atill remain apparently as he left them, or even as they were at an earlier period, for the house is of the Elizabethian age. Yarmouth parish church is one of the largest ecclesiastical edifices in the kingdom. It was originally founded in the time of William II.; but the most ancient parts of the present edifice date no further back still remain apparently as he left them, or even as they were at an earlier period, for the house is of the Elizabethian age. Yarmouth parish church is one of the largest ecclesiastical edifices in the kingdom. It was originally founded in the time of William II.; but the most ancient parts of the present edifice date no further back than about 1,250; and, according to Rickman, only a portion of the building is early English; other parts, particularly the windows, being of the Decorated and Perpendicular styles. (Rickman's Gothic Architecture, p. 208.) It is 230 ft. in its greatest length, by 108 ft. in breadth. At the W. end are 4 octangular towers, the outermost of which are surmounted with plain plunacles, as are the octangular towers at each angle of the S. transept. The tower, at the intersection of the transepts with the nave, formerly decorated with plunacles, is now embattled, and supports a tall timed spire erected in 1807, a conspicuous mark from the sea. The part of the interior W. of the tower forms a psacious choir, the ceiling of which is panelled in compartments, having coats of arms of different branches of the royal family of England, and of the Fastolfs, Gournays, Bardolfs, and other proprietors of the neighbouring castle of Calstor. The organ in this church is one of the finest in England; and it has many interesting monuments. The churchyard, comprising about 6 acres, is entered by handsome iron gaies: on its W. side was standing, till the present summer, the Leaf Gate, a curious brita in the gift of the corporation of Yarmouth, the minister's salary being derived from a local duty on coal. The living of St. Peter's church, an edifice in the Tudor style, bulls under a recent act, is a perpetual curacy, worth 1604, a year, in the gift of the incumbent of St. Nicholas' (the par.) church. Attached to the living of Gorlestone and Southtown is a curacy, with a separate church, a modern erection, called St. Mary's Chapel, worth 2004, a year, in the gift of the journal part of the local part of the

first to Norwich, the second to Bungay, and the Bure to first to Norwich, the second to Bungay, and the Bure to Ayisham; and they secure to Yarmouth an extensive trade in the exportation of the agricultural produce of the districts traversed by these rivers, and in supplying them with coals and other heavy goods. The export of grain and mait from this port is considerable, of bariety greater than from any other part in England; but the procipal business of Yarmouth is the hearing and suspensive the procipal business of Yarmouth is the hearing and suspensive the procipal production of the herrings to foreign countries, particularly the states bordering on the Mediterranean. An extensive timber trade with the Ballic is also carried on; and a considerable number of quare-rigged vessels belong to the port. Yarmouth roads have long been the principal readeryous of the vessels in the collier trade; and the town derives some advantages from the supply of fresh provisions to some advantages from the supply of fresh provisions to

"The harbour of Yarmouth is formed by the river Yare: it has an awkward entrance obstructed by a ber. Yare: it has an awkward entrance obstructed by a bar. Great attention, however, appears to be bestowed on the portion of about 200 tons burden, can cross the bar, and proceed up to the town at spring tides." The chief improvements of the harbour were effected by a Dutchman named Johnson, employed for the purpose, who first erected piers at the mouth of the river.

Yarmouth Roads, between the town and a line of outer sand banks, though so much frequented, are by no means free from danger. They are marked by buoys and floating lights. There belonged to the port, in 1849, 335 boats of under 50 tons each, and 345 vessels of above 50 tons each, the aggregate burden of the latter being 37,481 tons.

above 50 tons each, the aggregate burden of the latter being 37,481 tons.
Yarmouth is the principal seat of the English herriage fishery. The herrings usually make their appearance in the roads about the middle of September, when the fishery begins, and continues till towards the end of November. They are partly cured, and partly seat fresh to the metropolis. The fishery of cod, mackerel, skate, soles, red-mullet, whitings, &c., is also extensively carried on. In 1849 the gross customs' duties received at Yarmouth amounted to 45,532.

carried on. In 1849 the gross customs' duties received at Yarmouth amounted to 45,535.

Yarmouth amounted to 45,535.

Yarmouth has been, for a long time, more or less frequented as a bathing-place, for which, indeed, it is wess fitted by its salubrity and its sime, shelving see-beach. It has, also, a pier, projecting 450 feet into the sea, with public baths, assembly rooms, a neat theatre, a public library, public gardens, and all the establishments usuals at a watering place. To the N. and S. of the town, facility is at a watering place. To the N. and S. of the town, facility herdure, called the Denes: and on the most southerly of these is a beautiful fluted column designed by Wilkins, erected in 1817 in honour of Nelson: it is 148 ft. In height, and is surmounted by a statue of Britannia. On other parts of the Denes are various batteries, the barracks, a fine edifice, formerly a naval hospital, built in 1809, at an expense of 180,000.; a new workhouse, erected in 1839, at an expense of 8,000.; numerous windmills, a rece-course, &c. On other sides, the environs of Yarmouth have no particular heauty; but the country is well cultivated, and the markets of the town are well supplied. Within a few miles, on the Suffolk side, are extensive remains of the Roman station Gariansonsens, so called from its situation at the mouth of the Gariansis or Yare; and within a similar distance, on the Norfolk side, are the ruins of Caister castle, formerly a sumptuous mansion erected by Sit J. Fastolie soon after the battle of Agincourt.

The first charter of incorporation possessed by Var. Agincourt.

Agincourt.

The first charter of incorporation possessed by Yarmouth appears to have been granted by John in 1208; but the governing charter previously to the late acts was that granted by Queen Anne, in 1702. Under the Municipal Reform Act the borough is divided into 6 wards, and is governed by a mayor, 11 other aldersea, and 36 councillors. Corporation revenue, 1847-8, 6,2304.

and so commission, and a year.
Yarmouth has sent 2 mems, to the H. of C., with little intermission, since the time of Edward I., the right little intermission of the Reform Act, having been in the sons of freemen, and in apprentices serving a serva years' apprenticeship to freemen within the bor. Reg. electors, in 1849-50, 1322. It has two banks. The bor. electors, in 1849-90, 1,722. It has two banks. The bor-has a commission of the peace, and a gaol, an admirally court, and a county court, before which 1,630 plaints were entered in 1848. The maritime jurisdiction of the corporation extends for 10 miles up the rivers Bure, Yare, and Waveney. Two markots are beld weekly, on Saturday and on Wednesday. A fair is held on Friday and Saturday in Easter week: a regatta annually,

Yarmouth communicates with Norwich, Bly, Los Yarmouth communicates with rootwich, sty, London, Ipawich, &c, by railway; and with London and Hall by steam packets; the Leith, Dundee, Aberdeen, and other steamers, frequently call here in fine weather. (Bound. Mun. Corp., and other Pavi. Reps., and Locat Inform.) YARMOUTH, a market town and par. of England, on the N.W. shore of the laie of Wight, at the mouth of the little river Yar, immediately opposite Lymington, and 9 m. W. Newport. Area of par. 50 acres. Pop. of ditto, in 1831, 586. This town, which has long been in a stationary state, would have been wholly unworthy of notice in a work of this kind but for the circumstance of its having enjoyed the important privilege of sending 2 mems. to the H. of C., from the zera of Edward I. down to the passing of the Reform Act, by which it was most properly disfranchised. It was, in fact, one of the most perfect specimens of a proprietary bor. (Part. Rep., 4c.)

TRUE A. a town of Spain, prov. Murcia, at the foot and on the declivity of a hill, 43 m. N. by E. Murcia. Pop., according to Minano, 11,600. It was formerly walled and had a fortress, but of these there are now no remains. Its principal buildings comprise 2 par. churches, but of heavistal an acclesiastical tribunal.

walled and had a fortress, but of these there are now no remains. Its principal buildings comprise 2 par. churches, some convents, an hospital, an ecclesiastical tribunal, and a prison. Its neighbourhood is very fertile; and its inhabs, are mostly occupied in the production of corn, flour, wine, brandy, and leather. Near Yecla are the traces of a more ancient town, where various Roman antiquities have been discovered. (Milamo; Dict. Géog.) YEDDO, or JEDDO, the chief city of Japan, and the residence of the 3/8 gas or military emperor; on the S. E. ahore of the island of Niphon, prov. Mossass, at the bottom of the Bay of Yeddo; lat. 36° 29' N., long. 140° B. Its pop. has been variously estimated at from 700,000 to 1,500,000; but the probability is, that the first of these numbers is beyond the mark. Yeddo is said to be surrounded by a ditch, and intersected by numerous canals and branches of the river Toniak, which are navigable for vessels of moderate burden. It has 2 large suburbs. It internal plan would appear to be less regular than that of most other Japanese cities; but its streets and squares are clean, and some of the former are of prodigious length. Each street is appropriated to persons of one trade only, lined with covered arcades, and closed at night by gates at each extremity. The houses are mostly one trade only, lined with covered areases, and closed at night by gates at each extremity. The houses are mostly 2 stories in height; but being built and almost wholly of wood, destructive fires are very frequent. Yeddo has many temples, Buddhic convents, and other large public buildings: the emperor's palace occupies a large extent of ground. This city has a considerable trade; the these states are considerable trade;

extent of ground. This city has a considerable trade; but there are no materials for forming any estimate of its amount. For farther information as to Yeddo, we must refer the reader to the works of Kämpfer, Thunberg, Siebold, &c.
YEMEN, a district of Arabia, which see.
YEMISEI, a great river of N. Asia, in Siberia, through the central part of which it flows, its basin lying between those of the Lena to the E., and the Obi to the W., is supposed to comprise an area of near 1,00,000 sq. m., being about the same size as the prov. of Yeniseisk. The Yenisel rises within the Chinese Empire, not far from lat. 51° N., long. 98° B., and proceeds at first W. for about 9° of long., to near the point where it leaves the Chinese frontier. It then turns northward, and pursues generally a northerly course to the Arctic Ocean, which it enters by a wide setuary called the bay of the for about \$P\$ of long., to near the point where it leaves the Chinese frontier. It then turns northward, and pursues generally a northerly course to the Arctic Ocean, which it enters by a wide setuary called the bay of the 73 islands, the mouth of which is in about lat. 734° N., long. 85° E., about 800 m. E. of the gulph of Obi. The entire course of the Yenisel has been estimated at 2,600 m. Its chief affluents join it from the E., its tributaries from the W. being of much less importance. Various towns in the upper, with Krasnojarsk, Yeniscisk, &c. in the middle and lower part of its course, are on its banks; Irkutsk is on its great tributary the Verchnie-Tungooska, which flows out of Lake Balkal. As far as Krasnojarsk it runs through a mountainous country, and thenceforward to Yeniselsk, where its width, when highest, is about 1 m.; its banks are elevated and precipitous. A survey of the river was completed in the last century by the Russian government, up to this town; and from this it appears that its channel varies from 2 to 8 fathoms in depth. This noble stream, however, like the other large rivers of Siberla, is but of little use, inasmuch as it flows, for the most part, through desolate wastes; its embouchure being also in a frozen sea, and the river itself being frozen over for the greater part of the year. The Russian surveyors were stopped in their progress upwards, by the lost at Turnschansk on the 1st of October, and by the loth the river was completely frozen over; and it was not till the succeeding 4th of June that they were enabled to proceed with their survey. (See Wrangelt's Siberia, &c. Instrod.; Dict. Géog.)

YEO VIL, a market-town and par. of England, co. Somerset, hund. Stone, on the border of Dorset, on the Yeo or Ivel, a tributary of the Parrott, here crossed by a stone bridge, 18 m. S. Wells. Area of par., 3,890 acres. Pop. of do., in 1841, 7,043, of whom 6,302 inhabited the town. Yeovil comprises about twenty streets and lanes, some of which are wide and open thoroughfares, the houses

plain tower at the W. end, is supposed to date from the time of Henry VI. An ancient crypt, an adjoining chapel, and the handsome altar in the church, are worthy

pain tower at the W. end, is supposed to date from the time of Henry VI. An ancient crypt, an adjoining chapel, and the handsome altar in the church, are worthy of notice. The living, a vicarage, with the curacy of Preston, of the clear annual value of S91/. Is in the gift of — Philips, Esq. Here, also, are places of worship for Unitarians, Baptists, Wesleyans, Independents, &c. The free-school, endowed in 1707 and subsequently, had recently an income of 1144. a year, and at the date of the last inquiry, 30 boys were taught reading, writing, and arithmetic, 14 of whom were clothed and apprenticed, and I taught Latin. An almshouse for a master, 2 wardens, and 12 poor men and women, had an income of 291/. a year; and exclusive of these, there is an almshouse for 4 poor women, and several minor charities. Digest of Charrisy Reports.)

Yeovil was at one period celebrated for its woollen manufactures. But these appear to have been early superseded by the glove trade, the latter having attained to considerable importance in the town so far back as the middle of the 16th century. Hull, in his History of the Glove Trade, published in 1834, says. "At present the manufacturers are employed in making men and women's fine gloves; which pass in the retail shops as kid gloves, but are, in reality, made from lamb-skins imported from Italy, Spain, and Germany. These skins are mostly dressed into leather in Yeovii, in which place the manufacturers are leather dressers and large dealers in wool, as well as glovers. The quantity of gloves made in Yeovil, of all sorts, may be estimated at 300,000 dozens annually; and the number of men, women, and children employed in the place and the adjoining districts (spreading over 30 m.) amounts, perhape, to 20,000."

The use of cotton and woollen gloves, and the importations of French and other foreign leather gloves, had

annually; and the number of men, women, and children employed in the place and the adjoining districts (spreading over 30 m.) amounts, perhaps, to 30,000." (pp. 70, 71.)

The use of cotton and weolien gloves, and the importations of French and other foreign leather gloves, had in some late years seriously depressed the trade of Yeovili, but latterly it has been in a comparatively flourishing state, and the imports of lamb-skins have been greater than at any former period. From 30,000, to 90,000, are said to be, at present (1850), annually paid as wages to persons engaged in the glove trade of the town and its ricinity. Yeovil claims to be a bor. by prescription, its government having been till lately vested in a portreere and 11 burgesses; but their authority was very circumscribed. A county court has been established here, before which 566 plaints were entered in 1648. Market day Friday, when a good deal of butter, cheese, corn, &c., is sent into the town; and large quantities of the butter made in the surrounding district are purchased, and sent to London, to be sold as Dorset butter. Fairs, June 28, and Nov. 17., chiefly for farm stock. (Parl. Reports; Hust's History of the Glove Trade, &c.)

YEZD, a considerable city of Persia, in the E. part of which it is situated, about 250 m. R. by S. Ispahan. It pop, has been variously estimated; but if the statement of Kinneir, who assigns to it 24,000 houses, be near the mark, it must certainly be one of the most populous cities in the empire. It is situated in a sandy desert, near a range of high mountains, and has a fort, but no other defensive works. Being at the point of union of the principal roads connecting Ispahan, Kirman, Mesbed, and Herrai, it is consequently a considerable emporium. Its basaar is said to be well supplied with provisions; though, from the sterility of the adjacent country, its supplies of corn have, for the most part, to be brought from Ispahan, and cattle are both scarce and dear.

The manufacture of silk stuffs in this city, as a provisio

938 YORK.

It communicates with the Loire by the canal of Niver-nais; and with the Saone by that of Burgundy. A great part of the soil is calcareous, or gravelly, but about 300,000 hectares are said, in the Official Tables, to consist part of the soil is calcareous, or gravelly, but about 200,000 hectares are said, in the (Micai Tables, to consist of rich land; and more corn is grown than is required for home consumption. In 1841, the arable lands were estimated to comprise 453,100 hectares; meadows, 31,265 do.; vineyards, 37,543 do.; and woods, 146,570 do. Hugo estimates the annual produce of corn, mostly wheat and oats, at 2,060,000 hectolitres, and that of wine at 1,10,000 do. The growths of this dep. are known as those of Lower Burgundy; the red wines of Tonnerre and Auxerre are espocially esteemed; and the secondary growths of Epineuil, Irancy, &c., are also in high estimation. Chablis, the best of the white wines, is served up by the French epicures with oysters. Wines of this class sont spiritucus sons dire trop fusueux, ond dis corps, de la finesse, et us parfum excs agréable. The consumption of the dep. does not exceed 250,000 hectolitres, the rest being mostly sent to Faris, the N. of France, and foreign countries, little brandy being made. The orchards, which comprise nearly 6,000 hectares, are of importance; and Yonne, along with Loiret, supplies Paris with all the rationet consumed by its inhabs. Fewer cattle and sheep are rearred in this than in any other part of the central deps. The forests Loiret, supplies Paris with all the ratistic consumed by its inhabs. Fewer cattle and sheep are reared in this than in any other part of the central deps. The forests abound with game, and produce great quantities of charcoal, the trade in which is extensive. Iron, marble, lithographic and many other kinds of stone, gun fiints at Cerlily, lime, and clay, are the principal minerals. Bricks and tiles are made in large quantities, and glass, earthenware, &c., in various places. The manufactured products include woollen stuffs and yarn, blankets, serges, &c.; bectroot sugar, paper, glue, &c.; hydraulic clocks made at Sens, burrels at Avallon, &c. The chief trade of the dep. consists in the export of its wines, corn, timber, and other agricultural produce. In 1835, of 190,786 properties subject to the contrib. foncière, 10%,342 were assessed at less than 5 fr., and 25,678 at from 5 to 10 fr.; the number of those assessed at 1,000 fr. and upwards, amounted to only 161. Yonne is divided into 5 arronds,; ch. towns,

ber of those assessed at 1,000 fr. and upwards, amounted to only 161. Yonne is divided into 5 arronds,; ch. towns, Auxerre the cap., Avallon, Jolgny, Sens, and Tonnerre. It sends 5 mems. to the Ch. of Dep. Number of electors, in 1838-39, 1839. Total pub. rev., in 1831, 11, 344,924 fr. (Hugo, art. Yonne; Dict. Giog.; Prench Offic. Tables.) YORK, a marit. co. of England, being by far the largest and most important in that part of the U. Kingdom, is bounded on the N. by the co. Durhan, B. by the North Sea, S. by the cos. of Lincoln (from which it is separated by the Humber), Nottingham, and Derby, and W. by Lancaster and Westmoreland, and a small part of Chester. Area, 3,609,510 acres, of which about 2,500,000 are supposed to be arable, meadow, and pasture. It is divided into the districts of the North, East, and West Ridings, being respectively as large as cos., and each of them having being respectively as large as cos., and each of them having bind unsurers of the North, East, and West Ridings, being respectively as large as cos, and each of them having its particular lord licutenant: there is besides a separate smaller district called the city of York and Ainsty; but the latter, except in so far as the city is concerned, has been united to the W. Riding. The extent, population, &c., of these different divisions are as follows:—

	Area, Acres.	Inhab. Houses, in 1841.	Popul tion in 1841.
North Riding East Riding West Riding City and Ainsty	1,275,820 711,360 1,629,890 52,440	42,509 38,390 926,473 7,710	201,669 193,676 1,154,924 38,322
Totals -	3,669,510	315,082	1,591,584

Owing to its extent and various capacities, Yorkshire presents an epitome of the whole kingdom with respect to surface, soil, products, and industry. Some of the mountains on its W. border, are among the highest in the great central ridge extending from Scotland S. to the middle of Derbyshire; and both there and in its N. division are very extensive tracts of high, sterile, moor ground. In the R. Riding a large tract of wolds extends from Flamborough Head to Filey Head, on the coast, to Pocklington and Market Wighton: but, not-withstanding these deductions, Yorkshire contains a great extent of the most excellent land. The vale of York, the district of Cleveland in the N. and that of Holderness in the S.E., besides various other extensive York, the district of Cleveland in the N. and that of Holderness in the S.E., besides various other extensive tracts in different parts of the co., are exceedingly fertile, possessing soils suitable for every purpose, either of arable or stock husbandry. The climate is as various as the soil and elevation; but, except on the high grounds, it is mild and early, and is everywhere salubrious, except on the low, marshy grounds along the Humber. Agriculture in a medium state of improvement; not so far advanced as in Northumberland or Lincoln, but not so backward as in several other cos. There is in not so har advanced as in several other cos. There is in but not so backward as in several other cos. There is in this respect, however, a great difference in the different ridings, agriculture being in a much more advanced state in the W. riding than in either of the others. The general rotation is there—lst, turnps or failow; 2d, burley; 3d, seeds; 4th, wheat. Bone manure is much

used, but not to so great an extent as rape-dust; the latter, however, is principally used for wheat, the bone nanure being decidedly superior for turnips. Drainange is too much neglected in the N. and E. ridings. In the latter no system is acted upon, except in the Wolds, where the rotation is—let, turnips; 2d, barley; 2d, seeds; 4th. riding, in other parts of this riding, and in the N. riding, two corn crops not unfrequently follow in succession, and but few operations are performed as they onests the rotation is —ist, turning; 2m, parley; 2d, seeds; 4th, wheat. In other parts of this riding, and in the N. riding, two corn crops not unfrequently follow in succession, and but few operations are performed as they ought to be. (Kennedy and Grainger, i. 267.) York is more of a grasing than of an agricultural co. Vast numbers of horses are bred in most parts. Those in the highest estimation are called Cleveland bays, partly from the district in which they were originally found in the grast-ext perfection, and partly from their colour; but they are now very widely diffused. They are in extensive demand as carriage-horses. Cattle very various; they consist mostly of the long-horned breed; but there are considerable numbers of short horns, with endless varieties produced by crosses between these and other breeds. At present, the Teeswater and Holderness breeds are the greatest favourites with the graziers; but the long horns, or a cross between them and the short horns, are preferred by the dairy farmers. Yorkshire supplies most of the cows used in the London dairies. Their average yield of milk may be estimated at from 22 to 24 quarts a day, but it does not yield a propositional quantity of butter. Sheep of all varieties, and stock very large, supposed to amount to about 1,200,000 head, producing annually about 28,000 packs of wool. Many hogs are kept, and Yorkshire hams are celebrated in all parts of the country. Property in the W. and N. ridings very much subdivided; but in the E. riding it is less subdivided than in most parts of England, and many families in this riding have held their estates for centuries. Farms of all sizes; but the majority seem to be unusually small. Most part of these farms are held from year to year, or by tenants at will; and, notwithstanding the statements that have been made to the contrary, we have no doubt that this species of tenure, by diminishing the security of the farmer, has operated in no ordinary degree to retard the progress of improvement. Farm houses and buildings for

provement. Farm Busers and Provement. Average rent of land, in 1842, 21s. 44d. an acre.

The W. riding of this co. stands in the very first rank as a manufacturing district. Leeds, Bradford, Huddersfield, Halifax, and Wakefield are the great sents of the woollen manufacture; Max-spinning is extensively carried on at Leeds; and the hardware manufactures of Sheffield rival, and, in some departments, as that of cartlery, far surpass, those of Birmingham. There are extensive iron-works at Rotherham; and latterly the iron-works of Yorkshire have made considerable progress. Their total produce in 1848 has been estimated at 66,560 tons, which is probably within the mark. Cotton manufactures have been established at Easingwold, and in some other parts of the W. Riding. The manufactures in the other ridings are but of trivial importance. The valuable beds of coal found in the vicinity of Leeds, Sheffield, Bradford, Wakefield, &c. have, no doubt, been the principal source of their prosperity. Besides coal in the other ricings are but of trivial importance. The valuable beds of coal found in the vicinity of Leeds, Sheffield, Bradford, Wakefield, &c. have, no doubt, been the principal source of their prosperity. Besides coal and iron, Yorkshire has mines of lead, and veins of copper; alum works were established near Whitby in the reign of Elizabeth, and are still worked (see Wshtay); and there are in various places excellent limestone and freestone quarries. Principal rivers Guse, Swale, Ure, Wharfe, Aire, Calder, Don, Derwent, Hull, and Esk, the waters of all these, except the last, being poured into the great estuary of the Humber. The canals, particularly in the W. Riding, are numerous, heing some of them of great importance; and the principal towns are now, also, connected with railways. The co. is divided into wapentakes and liberties, and contains 613 parishes. It sends 39 mems. to the H. of C., viz. 6 for the co., being 2 for each riding; 2 each for the city of York, and the bors. of Leeds. Sheffield, Hull, Beverley, Bradford, Halifax, Doncaster, Pontefract, Ripon, Knarcsborough, Malton, Richmond, and Scarborough; and I each for the bors. of Huddersfield, Whitby, Wakefield, Northalierton, and Thirak. Registered electors for the N. Riding, 1849-50, 11,391; for the E. Riding, 7,341; and for the W. Riding, 36,750 | Sum expraced for the relief of the poor, in 1849. N. Riding, 5,6,864., E. Riding, 7,341; and for the poor, in 1849. N. Riding, 3,334,802. Total assessed to the poor, in 1840-41, N. Riding, 1,011,884. E. Riding, 1,111,8071., and W. Riding, 3,334,802. Total assount of money Levied for poor-rates for the co. during the year ended Lady-day, 1814, 468,9476.

YORK (an. Eboracum), an ancient and celebrated city of England, being, under the Romans, the cap, of the liquetion of the N., E., and W. Ridings; on the Ouse, at the confluence of the Fos, kidlings; on the Ouse, at the confluence of the Fos,

YORK.

22 m. N.B. Leeds, 33 m. N.W. Hull, 170 m. N.N.W. London, and 160 m. S.S.E. Edinburgh. Lat. 53° 57′ 45″ N., long. 1° 4° 34″ W. The area of the old part. bor. and city comprised 2,720 acres, and had in 1831 a pop. of 26,250. But by the late act, some additions were made of parts of the townships of Clifton and Heworth on the N., and of Fulford on the S.E., to the part. bor., which is nearly co-extensive with the mun. bor., comprising, in part or wholly. 36 parishes, with some

which is nearly co-extensive with the mun. bor., com-prising, in part or wholly, 36 parishes, with some extra-parochial districts.

The city is inclosed by its ancient walls, supposed to have been erected by Edw. I., about 1280: they are flanked with numerous towers, and having been repaired and renovated in 1831, form a most delightful promenade, extending round the greater part of the city. They are pierced by 5 principal gates, termed bars and by 5 smaller gates, or posterns; some of the city. They are pierced by 5 principal gates, termed bars, and by 5 smaller gates, or posterne; some of the former being remarkable structures. The Ouse and the Foss traverse the interior of the city, uniting at its S. extremity. The Foss is crossed by 4 bridges, and the Ouse by a single bridge, a handsome structure of 3 arches, constructed between 1810 and 1820, at a cost of 80,000. The span of the central arch is 75 ft., that of the other arches 65 ft. each; the total width of the bridge within the parapet is 40 ft. Handsome flights of steps at each end conduct to spacejous quays on both sides the river, called the King's and Queen's staiths, to which vessels of 90 tons may be moored.

called the King's and Queen's statins, to which vessels of 90 tons may be moored.

York consists of several parallel lines of thoroughfare, running N. and S., crossed by others, which are generally shorter and more irregular, in an opposite direction. The principal of the former, nearly 2 m. in length, consists of Bootham, Petergate, Colliergate, Walmgate, &c., with their continuations. The line crossing it, and composed of Micklegate, Ousegate, Pavement, St. Saviour's-gate, &c., is almost as long. In the centre of the city is a posed of Micklegate, Ousegate, Pavement, St. Saviour'sgate, &c., is almost as long. In the centre of the city is a
fine broad open space called Parliament Street, terminating at one end in Sampson Square; and at the other end in
the Pavement, the site of the corn, poultry, and other markets; and wool and leather fairs are held in Peaseholme
Green, an open space in the E. part of the city. There are
a few other open spaces in the heart of the city, as St. Heleu's Square, &c.; joth one of them deserves any particular
notice. York has been much improved and modernized of
late years, but it still preserves and air of antiquity in its narrow streets and old-fashioned houses. Many of the latter
formerly overhung the streets, the unper stories projectrow streets and old-fashioned houses. Many of the latter formerly overhung the streets, the upper stories projecting beyond the lower; but a good many of these have been taken down, and buildings in a modern style have been erected in their stead. Some of the streets also have been widened, and the city generally is well paved, and lighted with gas. In consequence of the rise of Liverpool, Manchester, &c., the increasing importance of many of the large towns of Yorkshire, and the greater facilities of communication between the different parts of the kingdom. York no lonser enjoys that pre-eminence facilities of communication between the different parts of the kingdom, York no longer enjoys that pre-eminence in the N. she possessed in the earlier part of last century. Still, however, she is not declining in any respect; but is, on the contrary, increasing in size. In the outskirts many substantial and even superfor buildings have been recently erected; and the city is extending itself nearly in an equal degree in almost all directions. To the N.E. of the town was formerly an open space known by the name of Heworth Moor. In 1817 this was enclosed; and in this neighbourhood a great number of substantial and excellent

of Heworth Moor. In 1817 this was enclosed; and in this neighbourhood a great number of substantial and excellent houses have been built since the period of the enclosure. Here also many market gardens are cultivated; and altogether the district is thriving and populous, and presents undoubted testimony of progressive and prosperous industry. (Bossad. Report.) On the W. of the Ouse along the road from Leeds to the "Micklegate" are several good houses, many of which have been recently built, and are occupied chiefly by persons who have either retired from business, or are engaged in business in the older part of the town; the number of these houses is constantly increasing. The parishes beyond the Foss, through which the road to Hull passes, contain for the most part a pop. of a poor description." (Muss. Corp. Rep.)

York minster, or cathedral, is the finest edifice of its kind in the kingdom. It stands in the N. part of the city, and, except on its N. side, where a considerable space of ground has been cleared, is closely hemmed in by mean-looking buildings. The present edifice, said to have been raised on the site of a church originally founded by Edwin king of North-umberland, in the 7th century, was principally erected during the 13th and 14th centuries. It is without cloisters, and built in the form of a cross; consisting internally of a nave with two aisles; a transept, with aisles and a lantern in the centre; a choir, with aisles, and vestries or chapels on the S. side; and a chapter-house, with a vestibule, on the N. side. Its principal measurements are as follow:—length, internalled in fig. length of nave, 264 ft.; do. of choir, 131 ft.; height of both, 99 ft.; breadth of nave, 109 ft.; height of hoth, 99 ft.; breadth of nave, 109 ft.; height of

great tower, 234 ft.; height of W. towers, each 196 ft. (Stranger's Guide to York, p. 103.)

This magnificent structure has a portion of all the styles of English architecture; but the Norman only appears in a fine crypt, under a part of the choir, which reduces the general appearance to the throe later styles; of these, the transepts are early English; the nave and arches supporting the great tower are decorated; and the choir and upper part of the great tower are perpendicular. (Rickman's Gothic Architecture.) The W. front has been compared to that of the cathedral of Rheims for richness, sublimity, and beauty of architectural design. It is divided into 3 compartments, by 2 massive graduated buttresses enriched on every face with tabernaclework, and the elevated battlemented gable is covered with ornamental tracery of the most florid kind. There are 3 entrances in this front; over the central of which is the unrivalled W. window, divided into 8 portions by upright mullions, which in the upper part beautifully diverge into the leafy tracery peculiar to the 14th centry. The magnificent towers which flank this side exactly correspond; they are supported by buttresses, and have at their supervised excepted. tiverge into the least travers betting to the leat centery. The magnificent towers which flank this side exactly correspond; they are supported by buttresses, and have at their summits 8 crocketed pinnacles connected by a battlement. Almost the whole of the W. front is filled with niches, but these, with few exceptions, are empty. The 8. side, though finished less elaborately than the W. front, is very imposing. The porch in the 8. transept is the most usual entrance to the church, and is deeply recessed by numerous mouldings; over it is a beautiful marygold window, and the gable is surmounted by an enriched pinnacle. The N. side is in a similar style to the S., though finished in a plainor manner; and in its transept is the remarkable stained glass window termed the "five sisters." The E., like the W. front, is in three grand divisions, separated by buttresses, the central of which is wholly occupied by a magnificent window. Like the W. front also, it is covered with niches, though only a very few of the statues formerly central of which is wholly occupied by a magninema window. Like the W. front also, it is covered with niches, though only a very few of the statues formerly occupying them now exist. On this front the influence of time is very perceptible. The central tower, 224 R. in height, is probably unfinished. It has two large windows, with two thers of mullions, in each of its four sides. But it wants a spirel; and, when contrasted with the W. towers,

lime is very perceptione. In a central tower, zer it. in height, is probably unfinished. It has two large windows, with two tiers of mullions, in each of its four sides. But it wants aspirel; and, when contrasted with the W. towers, has a heavy appearance.

The interior of the minster corresponds in beauty and grandeur with the exterior. A careful restoration of the cathedral in most of its parts had been completed, when, on 2d February, 1829, it was set on fire by a lunatic; the conflagration thence ensuing destroyed the fine organ, and all the woodwork and roof of the choir. Another destructive fire broke out on the 20th of May, 1840, in the S.W. tower, by which its fine ring of 10 bells and the clock, with part of the roof of the nave were burnt. These injuries are now (1842) in the course of being completely repaired: the choir was renovated after the fire of 1829, under the superintendence of Sir R. Smirke. The new roof is wholly constructed of teak, presented by government; and is covered with lead procured from the mines of the Greenwich hospital estates. The remarkable stone screen, which separates the choir from the nave, stands in its original position, and is of a most gorgeous and florid style, ornamented with 15 statues of the kings of England, from William I. to Henry VI., all of which, except the last, are of ancient sculpture. The new organ placed above this screen, and presented by the late Earl of Scarborough, is of the most superb description, and has some pipes 32 ft. in length. A great deal of fine stained glass, many sculptured coats of arms, and the tombs of many of the archbishops of York, attract the visiter's notice in the interior; though, on the whole, this cathedral is less rich in monuments than many others in the kingdom. From the N. transept, a vestibule leads to the chapter-house; this is an octagonal building, 63 ft. in diameter, and 67 ft. 10 in in height, supported on the outside by eight massive buttresses. "The simplicity and boldmess, and at the same time the great richnes

YORK. 940

and which is said to be older than the cathedral itself; and the drinking horn of Ulphus, a Saxon prince of Derra, presented to the cathedral in 1086, with a large extent of country to the E. of York, still in the possession of the see. The library is at a short distance from the cathedral on the N. side. (Winkle's Cathedrals; Gutd: to York; &c.)
The gress annual income of the see of York amounted.

The gross annual income of the see of Yora amounted, at an average of the three years ending with 1831, to about 18,8004, and the net income to 12,5294. The chapter consists of a dean and four canons residentiary, 1840. enapter consists of a dean and four canons residentiary, sharing an income of 1,25%. a year, and 36 prebendaries having separate revenues. (Eccl. Rev. Report.) The archbp. of York has the title of primate of England, with the privilege of crowning the queen-consort, and ecclesiastical authority over the province of York, comprising the sees of York, Durham, Carlisle, Chester, Ripon, and Sodor and Men.

sinstical authority over the province of York, comprising the sees of York, Durham, Carliele, Chester, Ripon, and Sodor and Man.

Previously to the dissolution of the religious houses by Henry VIII., besides 17 chapels, 16 hospitals, and 9 religious houses, there were in this city 41 par. churches, but of these last only 23 now remain. Many of these would be worthy of notice elsewhere; but they sink into insignificance after the cathedral. St. Michael-Bellery, in the minster-yard, is the largest and most elegant, and with St. Martin's in Coney St. is in the late perpendicular style. All Salmis, North Street, and St. Mary's, Castle-gate, have towers and lofty spires, and are mostly perpendicular with some earlier portions; St. Denis, St. Lawrence, and St. Margaret, have good Norman doors, with portions of later date; and St. Mary Bishophill, the Elder, has portions of good early English and accorated work, smildst various alterations and insertions. In many of the churches are considerable quantities of old stained glass. (Rickswas, p. 266.) All Saints in the Pavement is of very ancient foundation; and Drake says that its N. side is almost wholly built out of the rules of Eboracess, though other parts of the edifice are quite modern. A large lamp still preserved here used to be hung at the summit of this building, as a beacon for travellers at night through the forest of Gaitres, which extended from Bootham-bar a considerable distance N. of the city. Most of the livings of these churches are rectories or vicarages in the gift of the erown or the dean and chapter of York; the most valuable are those of St. Cuthbert, worth 2361. a year, noth in the gift of the crown: St. Martin's, Micklegate, worth 2462, a year, is in the gift of a private family. (Eccl. Rev. Rep., etc.)

both in the gift of the crown: St. Martin's, Micklegate, worth 243. a year, is in the gift of a private jamily. (Rccl. Rev. Rep., &c.)

The remains of St. Mary's Abbey, originally founded by William Rufus in 1088, and refounded in 1270 for black monks of the Benedictine order, are very interesting. The abbot was mitred, and had a seat in parliament; and at the time of the dissolution the revenues of the abbey amounted to 2,085. Is. 3d. a year. The buildings were for the most part destroyed, between 1701 and 1717, and their materials used for rebuilding the eastle of York and St. Olave's church, and repairing Beverley minster. Almost the only parts remaining are a gateway, and the N. wall of the abbey church, 371 ft. in length, having fine light Gothic window-arches, with highly finished carved capitals. Mr. Rickman says that the remaining part of the church furnishes the richest and most beautiful specimens of transitions from early English to decorated that remain for examination; but being entirely exposed, it is fast decaying. The abbey had an extensive and strongly fortified precinct without the ancient walls of the city; and some of its walls and towers, forming an extraneous portion of the old city defences, may still be seen between Bootham-bar and the Ouse. The remains of St. William's College, founded by Henry VI., exist in a street near the cathedral. St. William's chapel stood on the old bridge over the Ouse, and was consequently taken down with that structure. The cloisters of St. Leonard's and St. Peter's hospitals, curious remains of the architecture of the time of Will. I. & II., are now used as wine vaults.

The dissenters, who form a numerous and respectable body in York, have at least a dozen places of worship; the oldest of which is the Presbyterian (Unitarian) cha-

The dissenters, who form a numerous and respectable body in York, have at least a dozen places of worship; the oldest of which is the Presbyterian (Unitarian) chapel, in St. Saviour-gate. The Wesleyans have an elegant new chapel in the same street, with a massive lonic portice, &c., besides three other chapels. The Independents have 2 chapels, one of which (Salem Chapel), erected at the end of St. Saviour Gate, is a large and handsome edifice. There are also meeting bouses for Primitive and other Methodists, and Friends; a fine R. Cath. chapel, a nunnery, and chapel outside Micklegate-har &c.

Cath. chapes, a numery, the State of the city, between the Ouse and Foss, near their confluence, occupies a space of nearly 4 acres. It was originally built by William the Conqueror, who also erected another fortress, at York, on the other side of the Ouse. But only a small portion of the original structure of the castle remains, except Clifford's Tower, a keep added

by the Conqueror to the rest of the edifice, and created upon an artificial mound, which had probably served for the site of a Roman fortress. York Castle, which was long garrisoned for the king in the civil wars, is not new as defensive utilitary post, but has been converted into the co. prison and hall. The basilica, or co. hall, on the W. side of the grant area, is entered by a portion, supported by Ionic columns, and internally divided into civil and eriminal courts, with handsome rooms, for the use of the grand and potit juries, counsel, &c. The building, on the E. side of the area, which is uniform in design with the court-house, is chiefly appropriated to fernale prisoners. Between 1821 and 1836, a new prison was built here, at an expense of 203,830... on the panoper its on the W. side of the area, which is uniform in design with the court-house, is chiefly appropriated in the male prisoners. Between 1821 and 1836, a new prison was built here, at an expense of 203,830... on the panoper its on the W. side of the Ouse; it to outse wail encloses an area of nearly three fourths of a mile in circuit: it is appropriated party to prisoners before trial. Near it is the erits ballium, or old baile, a mound corresponding with that on which Clifford's Tower is built, having probably had the same origin and purpose.

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is on the W. side of the Ouse; its outse wait enciones as area of nearly three fourths of a mile in circuit: it is appropriated partly to prisoners before trial. Near it is the sense believes, or old baile, a mound corresponding with that on which Clifford's Tower is built, having probably had the same origin and purpose.

Most of the other edifices, of public interest, are in the N. part of the city. The mansion-house, a large and handsome edifice, erected in 1735, has in front a restic basement supporting an Ionic colonnade, with a pediment on which are the arms of the city. The state-room, 483 ft. in length y 374 ft. in breadth, hase passicings of Will. Ill., Geo. It. and IV., and of several moblement and gentlemen. The guidhall, behind this edifica, built in 1446, comprises one of the flarest Gothic halls in the kingdom, 96 ft. in length, 43 ft. in width, and 39 ft. in height, the roof being supported by 90 cottagon pillars on stone bases. In the windows are some fine specimens of stained glass, and over the estome fine specimens of stained glass, and over the estome fine specimens of stained glass, and over the extrance is a full-length statue of Geo. Il. In this hall, the Lords-president of the North formerly held their court; and here also the Scotch received the 300,0002, paid them by Parliament for the assistance they afforded against Charles I. At the end of the hall is the city assisse and sessions court; and adjoining, are the council chambers of the corporation. The assembly-rooms were erected, by subscription, in 1730, and are entered under a portice, resting upon light stone columns, supporting a ballustrade. The walls are supported by 44 light and elegant Corinthian columns, with a beautiful cornice, the upper part of the building being of the Composite order, and richly adorned. The rooms are lighted by 44 windows. The grand assembly-rooms is constructed from a design by Palladio, and measures 113 ft. by 48 ft. and 49 ft. in helght, leading the part of the site of the part of the site of the pa

when the same of t co. and the city are also held here twice a year, besides co. and the city are also held here twice a year, besides quarter seasions, a court of pleas, and petty sessions twice a week; and there were formerly several other courts, now obsolete. (Muss. Rep., Appendix III.) Corp. revenue, in 1847-8, 74041. The corp. of York had exclusive jurisdiction over the Ainsty, a large district comprising about 35 towns and villages, from the time of Hen. VI. till a late act annexed the Ainsty to the W riding of the co.

Hen. VI. till a late act annexed the Ainsty to the Wriding of the co.
Under the Romans York was, no doubt, the commercial emportum of the N. part of the island, and it appears to have been a city of some commercial importance in the time of Edw. 111., who established a woollen manufacture in the city, which continued to flourish for a lengthened period. At present its trade is comparatively small for its size; and the largest amount of capital now employed in any one branch by the citizens is supposed to be in the drug trade. Considerable business has, however, been done latterly in the iron trade, and there are several large foundries: printing, brewing, and comb making are also extensively carried on. The glass manufacture was established at York at a somewhat early period; and philais and fitts glass wares are still made here. Linen cloth, sacking, twine, leater, gloves, jewellery, paper-hangings, fringe, musical instruments, brass wares, tobacco pipes, &c. are among the other goods made at York. Many guilds or trading companies formerly existed, but all of them except three appear to be dissolved. The Company of Merchant Adventurers of York is an ancient corporation by prescription, now consisting of about 130 members, under a governor, heaving property yielding 2004. a year, with a chapel and hall, and a hospital, in Foogate. The Merchant-Tailors' Company, incorporated by charter 14 Chas. II., consists of from 30 to 35 members, with exclusive privileges in the city, and an income of 1364. a year. The other company is the Goldsmiths', authorised by act of parliament. The Ouse trustees have lately spent large

sums on the improvement of the river navigation; and steamers now ply to and from Hull at all times of the tide. Coals are brought to the town by water and by railway. A decided increase of trade has been experienced since the completion of the Railways, by which York communicates with Newcastle, Durham, Carlisle, &c. northward, and with Leeds, Hull, the Liverpool lines, and other parts to the S. The York station of these railways is an elegant building, immediately within the walls near Micklegate. Large sales of cattle and horses take place at fairs held here once a fortnight, besides which there are monthly fairs for leather: many

Carlisle, &c. northward, and with Leeds, Huil, the Liverpool lines, and other parts to the S. The hork station of these railways is an elegan building, immediately within the walls near Micklegate. Large sales of cattle and horses take place at fair held here once a fortnight, besides which there are monthly fairs for leather; many others in the year for fax, wook, &c. Markets, Tuesd, and was opened in care of the care of the care of the care of the care, which are extressely well attended, gar held them are an end of the care of the care, which are extressely well attended, gar held them are care, which are extressely well attended, are held them are care on Knavesulve, a large plain shout 1 m. S. from the city, where is a spacious grand stand. Four joint.stock banking companies and two private banks are established in the city.

The society of York is superior to that of most provincial towns. From its being the capital of the most extensive co. in the kingdom, it is the residence of a great number of gentlemen connected with the law and the administration of public affairs. It is necessarily, also, the residence of an number of gentlemen connected with the care of the winter residence of many of the provincial gentry attracted hither by its superior society, amusements, facilities for education, &c.

Astiguities sead History.—York, though successively the residence of Hadrian, Severus, Geta and Caracalla, Constantius Chlorus, Constantius the Great, &c., has few striking Roman antiquities. Such as do exist comperies a remarkable multangular tower, a long wall, with altars, paters, tombs, mountents, and the foundations of ancient buildings. The paterties of the Roman emperors is supposed by Drake to have occupied several acres near the cathedal, extending from Christ Church through all the space between Goodramgate and St. Andrewgate to Aldwark. Not far from this, in St. Cuthbeat of the patern of the superior of the kingdome of Northumberland and Delira. It was taken, and its neighbourhood devastated by Wi

and iuxuriant weeds." (Inglis, i. 178.) It has, also, a chapel of ease, several Roman Catholic chapels, and meeting-houses for various classes of dissenters, an infirmary, a dispensary, a barrack for infanity, numerous public schools, a convent, the college, now in a neglected state, the property of the Duke of Devonshire, a court-house, custom-house, fever and lying-in hospitals, &c. The house occupied by Sir Walter Raleigh is still preserved in good repair, and with but little change.

Raieigh is still preserved in good types, we little charge.
Youghall sent 2 mems, to the Irish H. of C.; and it has sent I mem. to the Imperial H. of C. from the æra of the Union downwards. Registered electors for 1849-50, 408. Under the Irish Municipal Reform Act, 3 & 4 Victoria, cap. 108., the corporation is extinct, and the corporate property has been vested in commissioners.

The manufactures of the town are inconsiderable, consisting only of 2 small potteries and brick-works. It is too near Cork to have much foreign trade; but owing to its situation on a fine navigable river, it is the emporium of a considerable tract of country. The great articles of export consist of grain and meal, promissions existing and nigs, their accreases a value having. great articles of export consist of grain and meal, provisions, cattle, and pigs, their aggregate value having amounted, in 1836, to 215.3164. The principal articles of import are timber and coal. The bar at the river's mouth has only 4 feet water at ebb tide, and it is inaccessible for vessels drawing more than 12 or 12 feet water, except at high springs. Youghall is included in the port of Cork, but its shipping is inconsiderable. Postage, in 1842, 5184; ditto, in 1849, 6324. Branches of the Bank of Ireland and the Provincial bank are established in the town. The beach is fine, and the town is well fitted for sea-bathing; though, in this gespect, but little advantage has been taken of its capabilities.

It is believed, apparently on good grounds, that the introduction of the potato cultivation into Ireland dates from 1610, when Sir Walter Raleigh sent a few to be planted on his estate in the vicinity of this town! But such has been the progress of this exotic, that it now access the content of the course of the section of the course of the section of the progress of this exotic, that it now

planted on his estate in the vicinity of this town! But such has been the progress of this exotic, that it now furnishes, and has for a lengthened period furnished more than three fourths of the food of the people of Ireland; and its astonishing increase has been at once a cause and a consequence of the equally astonishing increase of population in the island. (See Boundary Report; Railstony Report; Commercial Dict., art. Potatoct, &c.)

YPRES (Flem. Ypern), a fortified town of Belgium, prog. W. Flanders, cap. arrond and two canis... on the

XKRES (Flem. Ypern), a fortified town of Belgium, prov. W. Flanders, cap. arrond and two cants., on the Yperlee, 2 m. S.W. Bruges, and 16 m. N.N.E. Lille; lat. 50° 51′ 10′ N., long. 2° 53′ 4′′ E. In the 14th century it is said to have been nearly equal in pop. and importance to Bruges; whereas in 1836 it had only 15,064 inhabs. (Hesseching.) It is well built, and, like most towns in Flanders, it has extensive water communications, being connected by canals with Nieuport, Bruges, &c.

The court-house and sloth half growth of the property
Bruges, &c.

The court-house and cloth-hall occupy a vast Gothic building of the 14th century, surmounted by a fine tower. The cathedral, a Gothic edifice, has a painting attributed to Van Eyck; the tomb of Jansen, bishop of Ypres, and founder of the sect of Jansenists in the 17th century, &c. There are several other churches and chapels, 4 hospitals, an exchange, a royal college, &c. Ypres was formerly famous for its manufactures of woollen and linen cloths, and the fabric called diaper (originally made in this town. Linen yarn and lace are now the principal articles manufactured; but there are still some rincipal articles manufactured; but there are still some made in this town. Linen yarn and face are now the principal articles manufactured; but there are still some woollen and linen cluth factories at Ypres, with tanneries, bleaching and dyeing-houses, one or more salt-refineries, &c. Ypres experienced many reverses in the wars of the 17th and 18th centuries. Under the French it was the cap. dep. Lys. (Visidermacien, Dict. de Fland. Occident.; De Cloet, &c.)
YRIEX (ST.), a town of France, dép. Haute-Vienne, cap. arrond., on the Loue, a tributary of the Isle 31 m. S.S.W. Limoges. Pop., in 1816, incl. comm., 7,470, it owes its origin to a monastery founded here in the 6th century; and is old and ill built. It has a collegiate church, a curious Gothe edifice of the 12th century, 4

nt owes its origin to a monastery founded nere in the fish century; and is old and ill built. It has a collegiate church, a curious Gothic edifice of the 12th century, 4 other par, churches, an hospital, a court of primary jurisdiction, a society of agriculture, &c., with manufactures of woollen stuffs, linen yarn, and porcelain, and 12 annual fairs. Here are some iron works, and works for the preparation of antimony: all the porcelain clay used in the china-manufactory of Sèvres comes from St. Yriex. (Hago; Guide ds Yogoggews, &c.)

YSSENGEAUX, a town of France, dép. Haute-Loire, cap. arrond., on a rocky and elevated site, it m. N.E. Lo Puy. Pop., incl. cumm., 7,590. Though irregularly built, and assex triste, it has a good modern-hurch, and is improving. It has no manufactures worthy of notice, its linkabs. being principally engaged in agriculture and cattle-dealing. (Hago, &c.)

YUCATAN, the most E. state of the Mexican Con-

ZAANDAM.

federation, consisting of a peninsula, projecting noordswards, between the Carribean Sea on the E., and this Gulph of Mexicu on the W., and ab tetween the 18th and 21st degs. of N. lat., and the 87th and 91st of W. long, having S. the states of Tabasco, Chiapa, Vera Pax, and the British territ. of Honduras; length, N. and S., absort 250 m.; average breadth, 200 m. Area about 50,000 sq. m. The pop. has been estimated at about 500,000. The most striking accounts of the productiveness of this region have been frequently put forth in geographical works. But, according to Mr. Ward, "Yucafan is one of the poorest states in the Federation. On parts of it, malze, cotton, rice, tobacco, pepper, and the one of the poorest states in the recoration. On pairts of it, malze, cotton, rice, tobacco, pepper, and the sugar-cane, are produced; with dye-woods, bides, some, &c. But the scarcity of water in the central parts of the peninsula, where not a stream of any kind at known to exist, and the uncertainty of the rainy season, render the group wars were wrighted and warst frequently converted. pennsula, where not a stream of any kind is known to exist, and the uncertainty of the rainy season, render the crops very variable; and years frequently occur is which the poore classes are driven to seek a subsisteme by collecting roots in the woods, when a great mortality ensues, in consequence of their exposure to a very deleterious climate. Yucatan has no mines. An active intercourse was formerly carried on with the Havannash, which Yucatan supplied with Campeachy wood, salt, hides, deer skins, salted meat, and the jenguens, a plasse from which a sort of coarse thread was made, and wrought up into sacking, cordage, and hammocks. This trade was cut short by the war; and as few foreigners have been induced to settle in Yucatan, the inhabs, have derived but little advantage from the late change of institutions. The receipts of the state in 1836 amounted to 213,127 dolls, the expenditure was 207,199 do.; so that a small surplus revenue remained." (Ward's Mexico, it. 350, 281.)

213,17 doils., the expenditure was 20,159 do.; so thas as small surplus revenue remained." (Ward's Mexico, il. 390, 391.)

This state is divided into 15 deps.; its chief towns are Merida, the cap., Valladolid, Bacalar, Campeschy, and Vittoria; but none is of much importance. In 1839, it separated itself for a time from Mexico; and we incline to think that at present (1842) it is but ittle, if in any degree, dependent on the central government.

YVERDUN (Germ. Nertes, an. Ebrodensum); a town of Switserland, cant. Vaud, cap. distr., on the Thiele, as its mouth in the S. extremity of the lake of Neufchatet, 17 m. N. by W. Lausanne. Pop. between 3,000 and 4,000. It is well-built, consisting of three principal streets, with a handsome square, a new church, and town-hall, several bridges across the Thiele, &c. Its principal edifice is a castle, built in the 12th century, and which, from 1805 to 1825, served for Pestalozzi's central school, conducted by himself. Yverdum has a college, a public library, with a museum of antiquities, and a tolerable harbour on the Thiele. Its trade is brisk, it being the great depôt for the wine of the cant. exported northward. (Ebel; Dict. Geog., §c.)

YVETOT, a town of France, dep. Seine-Intérieure, cap. arrond., on the road between Havre and Bouen, 20 m. N.W. the latter. Pop., in 1846, inc. comm., 8,8°3. It is situated on a bare and arid hill, destitute of any running water, the inhabs, being supplied from wells. It consists chiefly of one long street; but this has few good houses, and the rest of the town is very meanly built. It has, however, a planted promenade; and the surrounding country is fertile and populous. Yvetot is the seat of courts of primary jurisdiction and commerce, a chamber of manufactures, &c., and has manuchetis, hosiery, cutlery, and hardware. It has also a considerable trade in corn and sheep. Towards the end factures of linen and cotton cloths, cotton velvet, handkerchlefs, hosiery, cuttery, and hardware. It has also a
considerable trade in corn and sheep. Towards the end
of the 13th century, the Spanish, Italian, and other
merchants used to proceed from Handeur to Yvetot,
where they conducted their chief mercantile transactions
with the French; and, perhaps in the view of encouraging commerce, the flef of Yvetot was declared, in
1370, free of all feudal service to the French crown. Its
lords agon afterwards coined their own money, and lords soon afterwards coined their own money, and assumed the title of king. The exploits of one of these petty monarchs form the subject of one of Beranger's national songs. (Hugo, art. Seine Inférieure; Dict.

feeting, accept feeting and cap, of the kingdom of Siam, on the Menam, 40 m. N. Bangkok: it appears to have been formerly a place of much magnificence, but it has now fallen into decay.

Z.

ZAANDAM, improperly SAARDAM, a town of N. Holland, on the Zaan, a tributary of the Y. by which it is divided into E. and W. Zaandam, 4½ m. N.W. Amsterdam. Pop. about 11,000. Mr. M'Gregor says, "We have only visited one place (Brock), so trim, quiet, and minutely clean. The streets are paved with clinkers, and daily washed; the houses are built of wood and painted white and green, and their principal door, that of ceremony, is only opened at baptisms, marriages, and amerals.

The dockyard, in which 300 vessels were built and repaired annually, have disappeared; its herring and whale fisheries have also vanished; but its vast number of windmills employed in sawing timber, &c., appear, with their dependent operations, to give full occupation to the inhabs." (Note Book. 1, 197, 198.)

At one period, Zanidam ranked among the greatest naval arsenals in Europe; but the principal celebrity of the arsenal, and, indeed, of the town, is derived from the the arsenal, and, indeed of the town, is derived from the circumstance of Peter the Great having wrought in it as an ordinary ship carpenter during his visit to Holland in 1697. The hut which he occupied is still kept up, and has been visited by numerous distinguished personages, including Napoleon, Alexander, Emperor of Russia, &c. (De Clost; Voltaire, Hist. de Russie, partiel: cap. 9.)

ZACATECAS, a city of Mexico, cap. of the state of its own name; in a narrow valley, 290 m. N.W. Mexico. Ward estimates its pop. at 22,000, and that of its suburb, Veta Grande, at 6,000. (Mexico, ii. 342.) At a distance, its numerous churches and convents give it a fine ap-

Veta Grande, at 6,000. (Mexico, il. 342.) At a distance, its numerous churches and convents give it a fine appearance, and it has many excellent houses; but its streets are narrow and filthy. Its markets appear to be abundantly supplied with fish, fruita, regetables, &c. Gunpowder and some cotton fabrics are manufactured here; and Zacatecas is next to Guanaxuato, the principal mining city, and one of the chief mints in Mexico. In the latter establishment, some years ago, 800 people were constantly employed. The machinery, of brass, and made in the town, was ponderous, and great deal of labour was wasted; still, however, the coinage from Jan. 1821 to June 1826 amounted to upwards of 17,570,000 dollars.

The state of Zacatecas, with an area of about 20,000

wards of 17,870,000 dollars.

The state of Zacatecas, with an area of about 20,000 sq. m., and a pop. of 290,000, is one of the richest mining provinces in America. "As a mining district, it differs materially from Guanacuato, for in lieu of one great mother vein, it has 3 lodes nearly equal in importance, with many inferior lodes; upon all which nearly 3,000 pits or shafts have been opened." (Ward's Mexico, ii. 333.) N. and E. of Zacatecas, the country is divided into vast breeding estates, and is very thinly peopled. The state has no manufactures, except those of the cap. and a few in Aguas Calientes; the pop. living by minine and in Aguas Calientes; the pop. living by mining and rural industry. After the cap., the principal towns are Sombureti, Fresnillo, Jeres, Pinos, &c., which, according to Mr. Ward, have a pop. of from 14,000 to 18,000

ZAFRA (an. Segeda), a town of Spain, in Estrema-dura, prov. Badajoz, 40 m. S.E. Badajoz, on the road between it and Seville. Pop. 7,500. (Miñano.) It is re-

LATAA an Seculia. Seculia, a town on speam, in stateman devia, prov. Badajos. 40 m. S.E. Badajos, on the road between it and Sevillie. Pop. 7,300. (Miliano.) It is requiarly built, and has 2 squares surrounded with arcades, and many houses of a superior class. Among the latter is the magnificent residence of the Dukes of Medina Celi. (See Miliano, x. 58.) The collegiate church is also a fine edifice, and several other churches are richly adorned. This town had formerly manufactures of gloves and jewellery; but these have decayed, and earthenware and leather are now the principal articles made at Zafra. It was taken from the Moors by Ferdinard III. in 1240. (Dict. Géog., &c.)

ZAMORA, actty of Spain, in Leon, cap. prov. of its own name, near the confines of Portugal on the Douro, here crossed, according to Twiss, by an ancient and clumsy stone bridge, with 16 unequal arches; 34 m. N.N.W. Salamanca. Pop., about 10,000. (Miliano.) Its fortifications are of considerable extent, and some years ago enclosed upwards of 30 churches, 16 convents, hospitals, infantry and cavalry barracks, a court-house, public granary, bishop's palace, &c. The cathedral was much admired by Townsend (il. 71.), for its variety of marbles and the beauty of its hangings. Without the walls are the remains of an ancient castle. The inhabitants manufacture hats, serges, leather, liqueurs, and gunpowder, and have several dyding-houses. The city, which is supposed to have been the ancient Sestics, derives its modern name from the turquoises found in its vicinity, for which Zomora is the Moorish term. Alphonso, the Catholic, took it from the Moors in 78t, but it was retaken by the latter in 985. Ferdinand the Great finally annexed it to Castile in 1093, and it was the seat of the Cortes in 1297 and 1302. (Miliano; Townsend its 7 Towiss; Dict. Géog., %c.)

ZANESVILLE, a town of the U. States, in Ohio,

the seat of the Cortes in 127 and 1302. (Miliomo; Towns-end; Twist: Dict. Gogs., &c.)
ZANESVILLE, a town of the U. States, in Oblo, cap. co. Mushingum, on the Mushingum river, 48 m. E. Columbus. Pop. in 1840, 4,765. The falls in the river here have made Zanesville the seat of many flour, paper, and saw-mills, some iron-foundries, cotton-factories, &c. It has an athenseum, and several other schools. Two bridges connect the town with the village of Futnam opposite; and it has water communication with both New York and New Orleans; from either of which steam-boats ascend to Zanesville. (Emcyc. of Geog., Amer. cdit. &c.)

Steam-poars accord to Zenevine. (Zenev. 4 co.s., Amer. edit. &c.)
ZANTE (an. Zecynthus), one of the Ionian Islands, (which see), of which it is the third in point of magnitude and importance, about 10 m. off the W. coast of the Morea, its cap. being in lat. 370 47' 17" N.,

long. 20° 54′ 32″ E. It is of a somewhat oblong shape; greatest length N.W. to S.E. about 20 m.; greatest breadth 10 m. Area estimated at 155 sq. m. Pop., in 1836, 35,348. It is mostly mountainous, particularly its W. portion, where several summits rise to the beight of 1,300 ft.; but on the E. side, behind the the height of "nooth; but on the his axe, occurred with currant bushes (Fitts Corinthiaca), olive trees, cypresses, &c., as to entitle the island now, as of old, to the epithet of "woody."

ota namereca Zacynthus. Æncid, ili. 270.

"About 9,000,000 lb. currants are annually produced in this fertile vale. They are accounted better than those of Cephalonia, but inferior to those of the Morea. They are gathered in Aug., and spread out to dry for three weeks; and for this purpose a plot of ground is levelled and kept dry before every house in the valley. Much depends upon the process of drying: a shower of rain will sometimes diminish the value of the article by one third, and a second entirely ruin the crop." (Burgest's Greece, &c., i. 130.) The learned traveller, Dr. Chandler, has given the following details with respect to the treatment of currants, which, perhaps, may be worth quoting:—"When dried by the sun and air, they are transported to the city on horses and mules, guarded by armed peasants; and poured down a hole into magazines, where they cake together. When about to be shipped, the fruit is dug up with fron crows, and stamped into casks by men with bare legs and feet. In the ships it sweats, and, as we experienced, often fills the vessel with a stench scarcely tolerable. The islanders believe it is sweats, and, as we experienced, often fills the vessel with a stench scarcely tolerable. The islanders believe it is purchased to be used in dyeing, and in general are ignorant of the many dishes of which currants are an ingredient." (Travels in Greece, cap. 79.) The honey, oil, and wine of the island are much esteemed: of the latter no fewer than 40 different sorts are said to be made. Oranges, lemons, and citrons are also exported, and about 40,000 barrels of sait are annually produced from the sait works of the island. The pick wells, visited and described by Herodotus (iv. 198.), are situated towards the S. extremity of the island, in a small plain, open on one side to the sea, but elsewhere circumscribed by hill ranges. It is, partly at least, of volcanic formation, and occasionally suffers from earthquakes, one of which, in 1840 (Oct. 30.), committed the most extensive ravages. In the wells, a dark substance is continually forcing

toms, &c.

The town of Zante, on the R. shore of the island, is the largest in the lonian Islands, having about 20,000 inhabs. (Bargess.) It stands partly on the level shore, and partly on some acclivities, one of which is crowned by the cityall and shaping found the beth shaped. and partly on some acclivities, one of which is crowned by its citadel, anciently called *Psophis*, founded by the Arcadian Zacynthus. The town, which is well kept and clean, is supplied with water by an aqueduct constructed by the British. The reflection of the sun renders it extremely hot in summer, though the heat be a good deal moderated by the action of the sca-breeze, which blows during the day. The harbour is capacious, and protected from N.E. winds by a mole, at the extremity of which a lighthouse is erected. Ships anchor opposite the town, at from 500 to 1,000 yards distance, in from 12 to 15 fathoms water. Zante is the see of a Greek protopapas, and of a Rom. Cath. bishop, and has numerous churches, two synagogues, a lazaretto, a lyceum, &c.; with some manufactures of linen, cotton, and woollen stuffs, liqueurs, soap, jewellery, &c. This town suffered severely from the earthquake already alluded to.

At the time of the Peloponnesian war, Zacynthus belonged to Athens: it was at an after period alternately a possession of the Macedonians and the Romans. Sea possession of the Maccoomians and the Romans. Several curious antiquities have been discovered in the island, and it has been supposed that the remains of Cicero were deposited in a tomb discovered here in 1644. (See Hughes Travets, 1. 105, 165. &c.; Burges; Chandler's Greece; Oramer's Ancient Greece; Commerc.

ler' Greece; Gramer's Ancient Greece; Commerc.
Dict., 3c.)

ZARA (an. Jaders), the cap. of Dalmatia, circ. of same name on the Adriatic, opposite the island Ugliano, 150 m, S.E. Venice. Lat. 440 *25" N., lon. 159 *32"

E. Pep. about 6,500; principally of Italian descent. It stands on a small peninsula, and is fortified with bastioned walls and several outworks. It has many good private dwellings, but its streets are narrow and ill-drained, and it suffers from a deficiency of water It has a cathedral and several other churches, 10 convents, a naval and military arsenal, and a theatre; with a lyceum, gymnasium, episcopal seminary, many inferior schools, a museum of antiquifies, &c. Its harbour is spacious, but exposed to N. winds, which sometimes blow with tre-

mendous violence. The coasting trade and fisheries em-ploy most part of the inhabs., and a great number of vessels are owned in the port. The manufacture of roproy most part of the finance, and great most of vessels are owned in the port. The manufacture of rosoglio is almost the only other branch of industry carried
on, and that at present to a very limited extent, (Ocsterr.
Nat. Encyc.) Zara is an archbishop's see, the residence

sogilo is almost the only other branch of industry carried on, and that at present to a very limited extent. (Ocstery. Nat. Energy.) Zara is an arcibbishop's see, the residence of a general commandant, and the seat of all the superior provincial courts of Dalmatia. Without its walls are the remains of an ancient aqueduct; but, with this exception, few other Roman antiquities exist in Zara, in consequence of their having been mostly employed in the building of the fortifications. (Forti's Dalmatia, 115.; Herghaus, &c.)

ZEALAND, the largest and most important of the Danish islands, being that on which Copenhagen is situated. It lies mostly between the 55th and 56th degs of N. lat., and long, 110 and 122 40′ E., at the entrance of the Baltic, being separated from Sweden by the Sound, and from Funen and Langeland by the Great Belt. Its area may be estimated at 2,830 sq. m.; pop., in 1845, including that of the small and thinly peopled islands of Moen and Samsoe, 488,590. Like the rest of the Danish islands, it is flat, or at most gently undulating, and is in parts intersected by canals. The climate is mild, and similar to that of the S. of Scotland. It is well cultivated, and is exceedingly fertile, producing grain of all sorts, especially rye, barley, oats, and wheat. The pastures are excellent, and the island is celebrated for its breed of horses. It is, also, well stocked with cattle and sheep. Wood is plentiful, except in the middle of the island, where turf is used for fuel. It is studded with cottages, farms, and country-houses; bearing a greater resemblance to England than is exhibited by most continental districts. It is also the principal seat of the manufactures and trade of Denmark. It is subdivided into 5 bailiwicks, and is governed by a grand-bailiff: it forms, of itself, a separate ecclesiatical superintendency. (See Denmark, in this work; Inglis; Bremner, 4c.)

ZEALAND (NEW), a group of three principal and some smaller islands in the S. Pacific Ocean, belonging to the Australian continent, and now forming a dependency of the British crown. The group extends in a curved line, between 35° and 47° S. lat., and 166° and 179° E. long., about 19° E. of Australia and Van Diemen's Land, being the land nearest to the antipodes of Great Britain. The principal islands are, from their position, called the North, the Middle, and the South. The first two, which are by far the largest, are separated by the narrow channel called Cook's Strait, in about the 41st deg. of S. lat.; the southern being separated from the middle island by a similar strait, in about the 47th deg. S. lat. The length of the curved line extending through the 3 islands, from the N. to the S. Cape, is about 900 m., the two largest being of great length as compared with their breadth. They nave been estimated to have in all an area of about 100,000 sq. m., or 64,000,000 acres, of which the N. island is supposed to have about 27,000,000, the M. 35,000,000, and the S. only 1,500,000; but it is probable that this estimate s beyond the mark.

New Zealand, like the majority of the S. Sea Islands, is of volcanic origin. A chain of lofty mountains occupies the centre of the Middle island through its whole length, extending also through more than half the length of the N. The mountains on both sides slope gradually towards the sea, leaving on both sides a large extent of shelving forest, plain, and marsh lands. Here and there along the line of the Cordillera several high summits, overtopping the rest, rise into the region of perpetual snow. There are likewise several subordinate ranges of hills, and some detached outlying mountains of large dimensions. A few of the mountains are barren, or clothed with fern; but by far the greater number are covered, up to the range of perpetual snow, by mag-nificent timber trees. There are some pretty extensive plateaus, or tracts of table land.

country is extremely well watered: a great rans-ber of streams, affording an unlimited command of water power, descend from the central chain on both sides. Few of the larger rivers have been surveyed to any great distance, but the Waiksto and others are of considerable size and length. There are numerous lakes. The shores are in parts iron-bound and dangerous; but all the islands, and more particularly the Northern, have many excellent bays and harbours.

have many excellent bays and harbours.

Our knowledge of the geology and intineralogy of New Zealand is very imperfect. Coal has, however, been found and wrought to some extent at Nelson, New Flymouth, and at other points in both the larger islands. Iron ore is atundant, which also is affirmed to be the case with copper, manganese, and other metals; and punice stone, sulphur, whinstone, Basentone, slate, marble, &c., with fullers' earth, clay for brick-burning, &c., are met with in the greatest probation. There are some active volcanoes: and is the Nelson. brick-burning, &c., are met with in the greatest predis-sion. There are some active volcances; and in the N. island are various cavities, which appear to be extinct craters, in the vicinity of which numerous hot springs are met with: some of these, as they rise to the boding point, are used by the natives for cooking. Mount Eg-mont, an extinct volcanc, in the S. W. portion of the Northern island, near the N. entrance to Cook's Strain, is said to he &8x0 feet in height.

Northern island, near the N. entrance to Cook's Strain; is and to be 8,840 feet in height.

The climate is temperate, bearing a considerable analogy to that of France and the S. of England. The country is free from the oppressive heats that prevail at mid-day in Sidney; and what is of greater importance, it is not subject to the long-continued droughts that afflict the Australian continent. But it is subject to severe storms and horizones. Strong winds, principally from the N.E. or S.W., always occur at change of the moon, frequently bringing rain, particularly in the winter months. In the interior the weather is colder, but more equable than on the coast. The climate appears to be generally salubrious, and favourable to longevity; the prevalent diseases are mostly those which have been introduced by Europeans, though in some situations the natives suffer from securious and glandular affections. (Parl. Rep. on New Zealand.)

The following comparison has been made between the climate of London and that of Wellington, nearly in the centre of the group : -

	Mean Annual Tempe- rature,	Messn of Win- ter,	Mean of Coldest Montb.	Mean of Hottest Month.	Average No. of Days on which Rain falls.	Mean Annual quantity a Rain in Inches
London Wellington	50:39 52:50	39·12 48·85	57:36 44:05	64-85	176-	24-80 25-73

In 1847, at Wellington 222 days were fine, 20 cloudy

In 1847, at Wellington 222 days were fine, 20 cloudy. In 1847, at Wellington 222 days were fine, 20 cloudy. To stormy, and 47 rainy; in the same year there were 76 days on which gales, and 17 on which frosts were experienced. Shocks of earthquakes are by no means sare; but none have occurred since the settlement of the islands productive of any injurious consequences. The country presents the aspect of perpetual segetation, most of its indigenous vegetable products being evergreen; and the soil, which, in most of the valleys hitherto explored, is a deep loam, or vegetable mould of great fertility, is well adapted to the growth of nearly all the useful vegetables of Europe. But the exaggerated statements circulated in England of the colony, its products, soil, and climate, have, as Mr. Terry says, led to the very erroneous opinion that it is a country in which the necessaries of life, especially food, must be aboudant and extremely cheap. New Zealand, however, has neither a tropical climate, nor is it a land in which edible vegetables and fruits, indigenous to such regions, grow and flourish spontaneously and abundantly; and it has no native animals adapted for the food of man, and easily obtained by the chase. The food of man, and easily obtained by the chase. The food of man, and easily obtained by the chase. The food of man, and easily obtained by the chase. The stands are, at present, in great measure, uncultivated wastes, consisting of mountains covered with dense forests, of plains and undulating grounds, sometimes forestly timbered, and sometimes overrue, with fern and scrub, and of swamps and marshes, covered with rushes and flax; but it has comparatively few open spaces of grass-lead for fillage or pasturage, or of downs and hills for sheep. In many yast tracts there are no living animals, wild or domestic, to be seen; and wastever is produced for the food of the pop., whether of grain from arabic land, or of stock from pasture, or of fish from the sea, must be the result of considerable labour, care, a

tracts are the most fertile; and the swampy tracts, especially, if they be covered with flax, are also when drained extremely productive. The dry upland grounds, if they be well covered with luxuriant fern and acrub, are said to be, in most localities, of a fair average fertility; but where the fern is short and stunted, the sooil is decidedly inferior. Where the sides of the mountains are well wooded, the soil is generally good; but, except where the slopes are formed into terraces, it is apt to be washed down on the trees being felled and their roots rotted. The soil of the purely volcanic districts depends on the extent to which the suriace matter is decomposed; in some parts it is very fertile.

Grain of all kinds, fruits, and vegetables, grow luxuriantly. Potatoes, originally introduced by Captam Cook, now form the principal food of the natives. Two crops are ansually obtained from the same ground. "To an English farmer, about to emigrate to N. Zealand, it will be praise sufficient to say that turnips—the mainstay of British husbandry—grow with a vigour unsurpassed anywhere; and that beans, peas, and other leguminous plants are equally successful. On arriving he will have nothing to unlearn. His old familiar crops will be the crops of his new country; his husbandry maxims will scarcely require any variations, except in the transposal of his seed-time and harvest; and the gooselverries and currants of his graden, the apples and cherries of his orchard, and the hum of his bees, will all serve to remind him of his native country," (Emigrant's Guide to New Zealand.)

The expense of clearing the land constitutes, however, a very serious shatement from this rather flattering picture. This expense varies of course according to the difficulties to be overcome, It has been estimated at from 10. to 181, per acre for the timbered land; at from 81, to 101, per acre for that which is covered with brush and scrub; and at from 11. 10s. to 41, for that which is covered with term, the roots of the latter being strong and difficult to remove. In some situations the cost of clearing the land is greater, and in some, less than the above; but, on the whole, it may be regarded as a fair average. This heavy outlay required to make the land available, is the great discouragement to settlers in N. Zealand; and it also is the cause of the cleared land bringing a pretty high rent. Though the heavier timbered land is almost uniformly richer and finer than that covered with brush, scrub, and fern; yet, owing to the cost of its clearance being so much greater, it is doubtful whether it be not more advantageous for a settler, unless, indeed, he have a very considerable capital, to commence, in preference, clearing the inferior land. A large proportion of the fern roots are usually left to rot in the ground.

The following table showing the extent of land under different groups.

propertion of the seri roots are usually set to rot in the ground.

The following table, showing the extent of land under different crops, with the stock, &c., in the principal settlements in the southern prov., during each of the five years ending with 1847, has been compiled by Mr. Grimstone, the Colonial Secretary:—

	Years.		Number of Acres under Crop. Live Stock.							Agri-			
District.		Wheat.	Oats.	Barley.	Maine.	Pota- toss.	Other Produce.	Total.	Horses.	Horned Cattle.	Sheep.	Geets.	Cultura Popula tion.
Wellington	1843 1844 1843 1846 1847	450 599 592 495 340	78 80 115 159	82 67 96 91	:::	137 143 218 193	336 469 191 894	450 1,432 1,351 1,117 1,677	136 190 260 265 662	1,564 1,800 2,498 3,483 5,611	5,223 8,000 12,002 19,461 36,352	158 450 665	43% 600 521 501
Naison	1844 1845 1846 1847	397 899 1,371 1,351	93 208 162 156	182 468 911 1,089	1	948 332 241 831	55 359 298 429	945 2,259 2,974 3,456	76 82 99 132	918 1,233 1,591 2,104	4,782 7,473 10,022 16,450	250 453 1,019 2,180	462 874 866
Petre{	1844 1845 1846 1846	50 51 48 839	7 5 74	18 19 12 132	: :	12 10 133	61	82 87 72 1,240	7 10 16	905 316 414 363	129 174 458 511	153 298 96	80 80 68 200

It is to be regretted that no similar information is to be had with respect to the settlements in the N. prov. Probably, however, they do not differ very materially from those in the S. prov. Their trade, as will be seen below, is nearly the same.

Timber, of which the supply is all but inexhaustible,

Timber, of which the supply is all but inexhaustible, has already become, and, no doubt, will continue to be, an important article of export to Sydney and other places. The trees, which are principally of the pine species, sometimes attain to an extraordinary size. A tree, of the variety called kaury pine, cut and shipped in 1841, measured 156 fit. In length, and 25 fit, in circ. at the base. A species of gum exudes coplously from the stumps of these trees when cut down. It hardens in the air, and being collected by the natives is exported as an article of merchandise. This tree is only found in perfection in the N. parts of the N. Island, and Dr. Dieffenbach states that the ground on which it grows is quite unsuitable for cultivation. The kahkatea, or white gum, and other varieties, are found in the greatest perfection in the middle and southern islands. There are a great many woods suitable for furniture There are a great many woods suitable for furniture and fancy work. Some of these are finely grained, and may probably bear the cost of a voyage to England.

Flax is one of the principal products of the colony. It is obtained from the leaves and not from the stem of the Pharmitan three as indicators when the probability of the products of the colony.

It is obtained from the leaves and not from the stem of the Phormium tenax, an indigenous plant, found in the greatest abundance in the marshes of the larger islands. The best varieties are distinguished by the length, toughness, and flexibility of the fibre. Much difference of opinion has, however, prevailed in regard to its quality, and the imports into England have not sold well; but this has been ascribed, partly to an inferior variety having been exported, and partly to its defective preparation, which was, at first, wholly intrusted to the native women. The tihore, or silky variety, is said to be very superior; and its preparation and manufacture are beginning to engross a larger share of the attention of the colonists. Hence the exports from the 5. prov., which only amounted to 5 tons in 1842, bad increased to 100 tons in 1846, and considerable quantities are, also, exported in the shape of ropes and cordage.

increased to 100 rous in 1846, and considerable quantities are, also, exported in the shape of ropes and cordage.

Except a lew cattle and sheep in the possession of the missionaries, and a small number of goats, no kind of live stock existed in New Zealand, down to a very late epoch, except pigs. These, which were introduced by Captain Cook, have, from the great abundance of fern roots, their favourire food, multiplied exceedingly. They have been allowed to run wild by the natives, who

catch them by means of dogs. It is remarkable that when New Zealand was first discovered, it had so indigenous massessais whatever; indeed its only quadrupeds were a few species of lisards, which the inhabs, held in veneration or terror. Horses, cattle, sheep, and other useful animals, have all been imported; even the dog and the rat have been introduced by Europeans; and the latter is at present, or was very recently, the principal species of gense! A good many parrots, parroquets, wild ducks, pigeons of large size and fine flavour, &c., inhabit the forests; and poultry are found to thrive very well, though not yet reared to any great extent. Indeed, if we except their prisoners of war, almost the only animal food used by the New Zealanders, previously to the settlement of the English, was the fish, which abound round the coasts.

previously to the settlement of the English, was the fish, which abound round the coasts.

It is seen by the preceding table that the soil and climate are well suited to the growth of cattle, sheep, and other useful animals. The wool of New Zealand is of a very good quality; and the exports of it are progressively increasing; though the want of down lands and of open spaces for their pasture makes the increase of sheep less rapid than in Australis. As might have been anticipated, the weight of the fleece is greater here than in N. S. Wales and the contiguous settlements. The depasturing by sheep is said to improve the quality of the russ; the ferr disappearing, and fine grass springing up in its stead. Cattle attain to a large size, and thrive extremely well. The seas and beys round N. Zealand are stocked with a great variety of excellent fish; and the country is extremely well structed for the successful prosecution of the S. whalefishery. Indeed this branch of industry is already carried on to a considerable extent; and whale-soil and whale-bone make prominent articles in the list of exports. The colony appears to possess every facility for ports. The colony appears to possess every facility for the building of ships.

the building of ships.

The natives, who are called Maorians, probably belong to the Malay family, and, if so, are by far its best specimens. In general, the men are tall; many individuals of the upper classes reaching the height of 6 ft. and upwards. They are strong, active, and almost uniformly well-shaped. Generally speaking, the forehead is retreating and narrow, though rather wide at the base. Halr commonly straight, but sometimes curly, particularly that of the women, who are inequently handsome. Colour resembles that of a European gypty; but varies in individuals from a dark chestnut to the light tinge of an English brunette. Eyes dark, deeply sunk,

and full of vivacity; the teeth, which are white, even, and regular, last to old age; the features, though prominent, are regular; their physiognomy bears no sign of ferocity, but is easy, open, and pleasing. They make excellent seamen, in which capacity they are extensively known. If we except occasional cannibalism and infanticide (both of which have greatly decreased of lateyears), they manifest fewer of the vices of savages than almost any other savage people. Their manufactures, when first discovered, were but few, and mostly confined to the furniture of their huts, articles of dress, weapons, and other necessaries. But they prepared mats and other articles in flax of great beauty, and evinced much ingenuity in carving and building canoes. They have an abundance of poetry of a lyrical kind, in a metre which appears to be regulated by a regard to quantity; and are passionately fond of music. They have also a kind of astronomy; and according to Baron Hügel, there is not a tree or even a weed, a fish or a bird, in the N. island, for which the natives have not a name universally known. Unlike most other savages, they have evinced the greatest aptitude for acquiring the arts, and the greatest desire to participate in the advantages of civilised life. A considerable proportion of the natives are slaves to others, who are themselves dependent, to some extent, on certain strakes or head chiefs; but the holders of slaves appear, not withstanding, to have independent control over their own lands, and to dispose of them at will, without the consent of the arcker. Polygamy is practised by such of the New Zealanders as continue attached to their own lands, and to dispose of them at will, without the content superstition; but the missionaries, who have establishments in many parts of the islands, have, according to their own account, been eminently successful in converting them to Christianity. Schools, also, have been established in which the natives are instructed in the English language; so that the fair presumption

rities there referred to.)
in a dispatch, dated March, 1846, the governor gives, among others, the following details respecting the

"Upon the state of the native population generally, I would report that they are making rapid and remarkable progress in the arts of civilised life.

"The attention they now pay to the cultivation of wheat, to improved modes of agriculture, and to the rearing of horses and cattle, is very remarkable. They readily, in the parts of the colony which are distant from towns, dispose of their wheat at 2s. per bushel, taking payment in manufactured goods which are valued by the European trader; so that, virtually, the price given for the wheat is much less than 2s. per bushel.

"To give particular illustrations of the bushel.

"To give particular illustrations of the kind of property they own, I may mention that the natives near Nelson, about 600 in number, had upwards of 340 acres under wheat, 300 acres of potatoes, 80 of maize, and 50 of other crops, beside several small vessels, and 11 horses, in addition to their pigs, poultry, &c. Whilst the Ngamotu natives near Taranaki, consisting of only 118 males and 85 females, are not only large growers of wheat and other produce, but are possessed of 23 head of horned cattle, 7 horses, 2 drays, and I plough. These are particular instances which happen to have been lately reported to me, but I have no doubt that other much more striking once exist in other portions of the island.
"If such advances as these have been made so imme-To give particular illustrations of the kind of pro-

If such advances as these have been made so imme-

"If such advances as these have been made so immediately after the recent disturbances, there can, I think, be no doubt that a few years of peace will produce still more striking and rapid changes.

"The measures which have been recently carried out for advancement of the natives are:—prohibiting the sale of arms and gunpowder, and the repair of arms; prohibiting the sale of spirituous liquors; the enactment of an ordinance which provides the means of educating a large and constantly increasing number of native children; the providing a tolerably efficient means of medical attendance in the most populous native districts; the employment of a native constabulary force, thus acquainting them with our laws; the enactment of laws for the adjustment of all disputes between natives and Europeans; the employment of natives natives and Europeans; the employment of natives upon public works, where they are trained in various kinds of skilled labour, and in the use of European tools and implements; and the providing employment generally for from 1,200 to 1,400 natives on the various public works. lic works.

These measures have all tended to incorporate the natives with the Europeans, to blend the interests of the two races, to render them mutually necessary to each other, and to induce the natives largely to contribute to that revenue which will provide the mea

own more periest control and government.
"I have strong hopes that, under the constinuance of such a system, the value which the labour of the native will give to the land will produce a rapidly increasing land fund, which will again afford the means of smore extensively employing them upon roads and public works, and thus provide the means of still further promoting their civilisation, and of opening up the country we rest."

by roacs."

But favourable as this picture undoubtedly is, we should not presume too much upon the forbearance of friendliness of the natives. Like all savages, they are both suspicious and treacherous; and causes of disastifaction between them and the colonists will never cause to arise senseilly when the numbers of the latter. to arise, especially when the numbers of the latter are considerably increased. Hence the expediency of always having a considerable military force in the islands; and of preventing, in as far as practicable, the natives from

or preventing, in as far as practicable, the natives from acquiring fre-arms.

New Zealand was discovered by Tasman in 1642, but its extent and character were not ascertained till the voyages of Cook in 1769 and 1774. From that period, the coasts were occasionally visited by whalers, and some communication was held with the natives; but no permanent settlement appears to have been made by any people till about 1815, when a missionary station was established in the Bay of islands, towards the N. extremity of the N. island. Though the right of Great Britain to these islands was recognised at the general Britain to those islands was recognised at the general peace, no constituted authority was placed over New Zealand till 1833, when a resident, subordinate to the government of New South Wales, was sent hither, but with very limited powers. Meantime the shores had become infested by maurauding traders, run-away costicts, and other unscrupulous characters, who introduced a taste for ardent spirits, various diseases, and much demoralisation. These persons also swindled, or attempted to swindle, the natives out of large tracts of land, by getting them to subscribe contracts, of the real attempted to swincie, the natives out of large tracts of land, by getting them to subscribe contracts, of the real import of which they certainly knew little or nothing, by which entire districts were conveyed away for the mercet trifle. Under these circumstances, it became by which entire districts were conveyed away for the merest triffe. Under these circumstances, it became necessary to establish a government sufficiently strong to protect the aborigines and the real interests of the colonists. Accordingly, in Jan. 1840, New Zealand was constituted a colony dependent on New South Wales; and a lieut-governor appointed, who immediately produced the suppression of the supercharacters of the supercharac claimed, among other announcements, that all per-chases of land would, in fatters, be void smiles constacted through the British local goernment. But shouly be-fore the formal occupation of these islands, the manua for speculating in land attained to an enormous extent; and vast tracts, equal, in fact, to provinces, were acquired by a few individuals, belonging to the islands, to Sydney, and other parts. It was not, therefore, enough to pre-vent such wholesale acquisitions in future. Justice to and other parts. It was not, therefore, enough to pre-vent such wholesale acquisitions in future. Justice to the natives, on the one hand, and the best interests of the colony on the other, made it imperatively necessary that the grounds on which the claims to land were made should be carefully inquired into; that in all cases in which the natives had been swindled the grants should be cancelled; and that, when confirmed, their extent should be limited. And, in consequence of these con-siderations, a commission was apopinted to inquire inco shound be limited. And, in consequence of these con-siderations, a commission was appointed to inquire into the validity of all claims to land; and the commissioners were instructed to recognise those only which were founded on fair and equitable considerations, with the important proviso, that no claim for land, when affirmed,

important proviso, that no claim for land, when affirmed, should be allowed to a greater extent than 2.560 acres. The N. Zealand Company, established in 1841, for the promotion of colonisation in the islands, acquired in this view a right to extensive tracts of land. R had not, however, been long established till disputes began to arise between its directors and the government; and great difficulties were also experienced in adjusting the rival land claims of the crown, the natives, the colonists, and others. Hence the affairs of the islands were for a considerable period in the greatest comusion. The natives and the colonists came to blows, and the real or alleged grievances of the N. Z. Company engrossed a large share of the attention of parliament. Happily, however, these differences have been adjusted. All lands not actually cultivated or occupied by the natives have been vested in the crown, which has also the exclusive right of purchasing land from tribes, though tives have been vested in the crown, which has also the exclusive right of purchasing land from tribes, though individuals, as distinct from tribes, may dispose of their property at pleasure. All lands, whether belonging to colonists or natives, are to be registered. The crown is not to allemate or dispose gratuitously of any land, except what may be required for public works. The rest is to be sold by auction; and we may add that bern, as in Australia, its minimum price has been fixed at the extraveant rate of 20 km, au acre. Government has for extravagant rate of 20s. an acre. Government has far-ther agreed to give up for a term of (three) years to the N. Z. Company the crown's right to the pre-emption of

land from the natives in the S. province, and has enland from the natives in the 8. province, and has en-graged to give effect to such grants, leases, and mortgages as the company may enter into. In consequence of these arrangements, and of the tranquillity that has been re-stored to the islands, it is probable that emigration to them will receive a new impetus, and that their pro-gress will be comparatively rapid. The government of the colony is to be established on a liberal basis, with representative corporations in the towns, and a repre-sentative colonial assembly. Inasmuch, however, as the rescalations to be introduced into the constitution will sentance cotonial assembly. Inasmocia, however, as the regulations to be introduced into the constitution will probably be much modified before they are carried into full effect, it would be useless to state them in detail. The European pop in the islands has been estimated to amount in 1848 to about 18,000. The estimates of

the native pop. differ very widely; but it may, perhaps, be taken at about 100,000.

The principal British settlements consist of Auckland, the cap, with a pop. In 1848 of about 5,000, on the E. side of the N. island, on the S. side of Waltemata harbour, lat. 369 51' 27' S., long. 174° 46' 20' E.; Wellington, the cap of the S. prov., on the E. side of Port Micholson, near the S. extremity of the N. bland in Cook's Straits; New Plymouth, or Taranaki, on the R. Cook's Straits; New Plymouth, or Taranaki, on the R. Cook of the middle-lished; Akaroa, near the extremity of Banks's Peninsula, on the E. coast of do. A stemity or same's Feminaula, on the E. coast of do. A new settlement is now being established at Otago, on the S.E. coast of the middle island, which is patronised by the Scotch Free Church; and a settlement, ontitled New Canterbury, of which the site is not yet selected, is to be founded, under the patronage of the leaders of the established church.

stablished church.

It may well be doubted whether much judgment has been displayed in the selection of the majority of these sites. At Auckland there is no good landing-place even for small vessels, and the water in-shore being shoal, ships load and unload with difficulty. It is stated by Mr. Southey (Treatise on Colonial Wools, p. 145), that a ship laden with coal, of which the inhab: were at the time in want, was obliged to leave the port from there being no chance of her being able to discharge her cargo within any thing like a reasonable time. The town is also indifferently supplied with fresh water, and the country is here of wood, and comparatively unproductive. Wellington is hemmed in by ranges of mountains which in great measure shut it out from all communication with the interior, though this disadvantage has been in part great measure shut it out from all communication with the interior, though this disadvantage has been in part overcome by the carrying of good roads through the ranges in question. It is also frequently exposed to heavy gales of wind; and the water in-shore is so shallow as to hinder ressels of above 80 or 100 tons burden from reaching its wharfs. But despite these serious drawbacks, the town is said to be in a comparatively thriving state Governor Grey, in his dispatch already referred to, says. to. savs .-

regard this settlement as being now in a most "I regard this settlement as Deing now in a most thriving state. The whole of the disputes which existed between Europeans and natives regarding claims to lands have been adjusted. Grants have been issued to the New Zealand Company for the lands they claim in the vicinity of Wellington. The two ranges of mountains which, upon the east and west, divided the port and town from the fertile and extensive districts lying and town from the fertile and extensive districts lying upon the other side of the ranges, have been broken through by excellent roads, which will now in a few months be completed. The Customs revenue of this single port already averages near; 16,000′ a-year, and is steadily increasing. The flocks and berds of the settlers are rapidly spreading over the fine pastoral country which the new roads have opened up. The most friendly relations exist between the Ruropeans and natives. The town has been made the capital of a separate province, so that it will no longer feel the evils of a distant seat of Government. The soil and climate of the surrounding country are most favourable to of a distant seat of Government. The soil and climate of the surrounding country are most favourable to Europeans; and the settlers, under circumstances of great difficulty, have shown themselves to be energetic and enterprising in no ordinary degree. There thus appears every reason to think that Wellington and the district in its neighbourhood will continue to advance steadily in that course of prosperity upon which it appears to have fairly entered."

The situation of Neison is also objectionable, being buit at the head of a deep bay, having a narrow and dangerous entrance. According to Governor Grey, the harbour of Akaroa is one of the best in the colony; and he farther says that its soil and climate are excellent. Although, therefore, N. Zealand be justly celebrated for the number and excellence of its bays and harbours, but little sagactity would appear to have been evinced by the little sagactity would appear to have been evinced by the little sagactity would appear to have been evinced by the little sagactity would appear to have been evinced by the little sagactity would appear to have been evinced by the little sagactity would appear to have been evinced by the little sagactity would appear to have been evinced by the little sagactity would appear to have been evinced by the little sagactity would appear to have been evinced by the same and the little sam

for the fullmost and excellence of its bays and narrours, but little sagacity would appear to have been evinced by the early settlers in profiting by them; and it is probable that the great emporia of the islands will be founded hereafter in situations more accessible and better suited to shipping and navigation.

In 1846, the value of the imports into Auckland

(NEW).

[935] amounted to \$1,522., and that of the exports to 46,312.
The customs revenue of the same settlement amounted in 1847 to 17,971., that of the settlements in the S. prov. in the same year being nearly identical, or 17,7021. An extensive trade is carried on with Sydney, Boyd Town, and other places in Australia; the imports into N. Zealand consisting principally of cattle, sheep, horses, and other live stock; and the exports of timber, fax, &c. The Union Bank of Australia has branches at Auckland and Wellington. Newspapers, also, are published at Auckland, Wellington, and other towns. We subjoin a list of the retall prices of various articles, and of the rates of wages at Wellington and Nelson, in February, 1848:—

February, 1848 :											
	WELLIFOTON.					1	124	low.			
			•	4.		d.			a.		4.
Ale, per gallon -		-	Ö	õ	to Y	ō	1	ō	~ o	0 ما	õ
Bread, per 41b. loaf			ō	ō	Õ	1Õ	1	õ	Ö	~ ŏ	8
Butter, fresh, per Ib.	-		ŏ	ŏ	ĭ	3	1	ŏ	8		ıő
salt	-		ō	ō	i	ō	1	ŏ	ŏ	ő	Ö
Bref, fresh			Ō	7	Õ	ä	1	ō	6	ö	8
Cheme, New Zealand			ñ	ò	ĭ	ă	1	ŏ	ŏ		10
Sydney -		- 1	Ö	ŏ	ŏ	Ř	1	ŏ	Õ	ŏ	ŏ
Eggs, per dozen -		- 1	0	ō	2	ö	1	Õ	Õ	ō	8
Pish of various sorts, always to be had, and very cheep.											
Pire-wood, per chord		,	^	0	20	0	1	ó	0	12	0
Ham and bacon -	•	- 1	ö	6	ő	Ÿ	1	ő	ŏ	'n	ŏ
Milk, per pint	-		ŏ	ž	ŏ	4	ı	ŏ	ĭ	ö	ž
Mutton, per lb	•		ŏ	i	ŏ	8	ŧ.	ŏ	Ġ	×	Ť
Pork, fresh, per lb.	•		ő	ź	ŏ	ő	1	ŏ	ŏ	Ö	5
Poultry, fow's per pair	•		ŏ	ő	7	ő		ŏ	ŏ	2	6
ducks -	•		ŏ	ň	3	ŏ	1	ŏ	ŏ	•	6
	-		ň	ö	13	ŏ	1	ŏ	ŏ	10	ŏ
goese - turkeys -	•	•	"	ŏ	13	ŏ	1	×	ŏ	iö	ö
	•		U				•	٠			
Clothing is generally (to be	had	æŧ	rea	sonabl	e pri	ces	; b	ut si	hoes a	7.0
very dear.											
I		W	LOI								
Mechanics, per diem	•	•	5	0	7	0	-1	3	6	4	6

4 6 2 0 2 6

Walnu	W	AUBS.	– Aug	ast, 1	847.*
Agricultural l	abour	ers		-	2V. to 5V. per sun.)
Butchers		•	•	•	4s, per dieni.;
Bakers -		•	•	•	4s. to 3s. per di-m.:
Brickmakera	-	•		•	4s, to 6s, per diem.
Belckhavers					5s. to is, per diem.
Huckuniths.	*	•	-	-	3e. to be, per diem.
Carpenters			•	•	7s. to Or. per diem. ‡
Cabinet-make	Ph.			-	6s. to 7s. per diem. 4
Conks -		-	•		157, to 207, per ann. }
Contient	-		-	-	44. to be, per diem. 2
Domestic serv	rants	-			161. to 301. per ann.
Glaziera	-	-	•	•	4. to 5e, per diem. 2
Gardeners		•	-	•	5s. per diem.

Such is a brief and imperfect notice of this interesting country, destined, no doubt, at some future period, to be occupied by a great and powerful nation of Englishmen. We agree with Mr. Terry in thinking that "the class of emigrants to which New Zealand at present offers the most certain advantages and success are those who have been accustomed to husbandry. If such persons, having families, would be content with small farms of from 20 immiles, would be content with simal tarms of 170m 20 to 50 acres, according to their means for outlay in stock and buildings, and then, by their own personal industry and labour, cultivate the land, and rear cattle, poultry, &c., with moderate views and expectations, looking to frigality, perseverance, and time, to acquire competence and independence, instead of resorting to landperence and independence, instead of resorting to land-jobbing and speculation for sudden wealth, they would be certain of success in their undertakings, and of realising property in a few years."

But it is monstrous that government should obstruct

But it is monstrous that government should obstruct and discourage the industry of such persons, by imposing a tax, for such it really is, of no less than 20s. on each acre of land that they recover from the forest or the swamp. The aborigines whom we are dispossessing of their ancient inheritance never did any thing more irrational and absurd than this. It tends to hinder that settlement of the lands which it should be our object to

settlement of the lands which it should be our object to encourage; and makes unneteen out of twenty of the smaller class of capitalists that are now leaving our shores, resort to the U. States rather than to this or any one else of our colonies.

When N. Zealand becomes reasonably well-peopled, or has a pop. of one or two millions, she will probably be distinguished by her manufactures. Her geographical position, temperate climate, and the command of vast water power, of unlimited supplies of coal, iron, and the useful metals, and of timber, wool, flax, and other raw materials, give her almost unequalled advantages for the successful prosecution of manufacturing. vantages for the successful prosecution of manufacturing vantages for the successful prosecution of manufacturing industry. But it would be unyise either in government or in individuals to attempt to anticipate what can only grow up slowly, as the capacities of the country and the opopulation are more and more developed. Agriculture, including therein the clearing of the land, mines, and fisheries, but especially the first, will for a lengthened

The rates of wages for tradesmen were a little higher than those bove given. Masons and miners usually work by piece work.
 With board and lodging.
 Without board and lodging.

period he the most advantageous business in which the

period be the most automotion. Colonists can engage.
In 1840 the government of N. Zealand, as previously stated, was separated from that of N. S. Wales, being then placed under a governor of its own, with a legislative council composed in the usual manner. A subortant process of the council composed in the usual manner. tative council composed in the usual manner. A supor-dinate government has more recently been established at Wellington, the cap of the S. prov. It is probable, however, that the latter will be subdivided, and that a lieutenant-governor will be appointed to reside in some of the settlements towards the S. extremity of the middle island.

N. Zealand has been erected into a bishopric; and it

N. Zealand has been erected into a bishopric; and it has a numerous body of clergymen of various denominations, and of missionaries. Governor Grey speaks of the services of the latter in high terms of commendation. New Zealand forms the subject of numerous publications and Parl. Reports; a list of most of which is given in the Hassebook for Asstralia, published in 1848, one of the best of the class of publications to which it

ZEITZ, a town of Pruesian Saxony, reg. Merseburg, cap. circ., on the White Elster, here crossed by a stone bridge, 22 m. W.S.W. Leipsic. Pop. 10,000. (Berghaus.) It is walled, is divided into an upper and lower town, and has a cathedral, and several other churches, various

cap. circ., on the White Elster, here crossed by a stone bridge, 22 m. W. S. W. Leipsic. Pop. 10,000. (Berghaus.) It is walled, is divided into an upper and lower town, and has a cathedral, and several other churches, various hospitals, two castles, one of which was formerly the residence of its princes, but now serves for a house of correction, a gymnasium, with a public library of 14,000 vols., and manufactures of cotton goods, earthenware, leather, shoes, &c.; with cotton-printing establishments, breweries, and distilleries. It is the seat of the ordinary circle courts, of an ecclesiastical board, and of a Calvinist college. The gardens and grounds in its vicinity are celebrated for their neatness, and the attention between the content of the Hanoverian dom., distr. Lüneburg, on the Aller, where it receives the Fuse, and on the road between Hanover and Lüneburg, 22 m. NE. the former. Pop. 11,200. It is well built and paved, and has Lutheran, Calvinist, and R. Catholic churches, an old castle once the residence of the Dukes of Lüneburg, a large penitentiary, a medical college. Latin school, society of agriculture, and a famous roy albreeding stud. Its inhabs. manufacture linen cloths, hosiery, fannel, hats, tobacco, &c., and have a brisk transit trade both by the Aller and by land. Celle is the seat of the high court of appeal for the kingdom of Hanover, the decisions of which were final, till recently they were interfered with by the government. (See Hanover, 1962).

It was the residence, during the latter years of herife, of the unfortunate Matilda, Queen of Denmark, and sister of George I. of England; and a monument to her memory stands in the palace garden.

Zell has also been for a lengthened period the favourite abode of such of the nobility of Lüneburg as do not live in Hanover. (Hodgatin, Traveli in the N. of Germany, 1.155—163.)

ZERBST, a town of N. Germany, territory of Anhalt. Dessau, on a small tributary of the Elbe, 17½ m. S.E. Magdeburg. Pop. 90. It is walled, and entered of which is among the

cupied in the weaving of damasks, ticks, and other linen fabrics, or of cotton and woollen cloths; and in bleaching, printing, carding, and other auxiliary occupations. Zittau has also porcelain factories, paper-mills, and breweries, and a large trade in flax. It was the birthplace of the great orientalist, B. Michaelis. (B. Ritter; Berghous, &c.)

ZUMBOR, a royal free town of Hungary, co. Bacs, of which if it the car, in an extension plain near the Event

ZOMBOR, a royal free town of Hungary, co. Bacs, of which it is the cap., in an extensive plain near the Francis Canal, uniting the Danube and the Theiss, 118 m. 8. by E. Pesth. Pop. about 21,000, mostly of the Greek church. It has several fine buildings, including a co. hall, town-house, several churches, barracks, and the government offices. Here, also, is a Greek ecclesiastical seminary, and a Rom. Cath. high school, with some silk

ZURICH (CANTON OF).

manufactures, and a considerable trade in cara, wins, and cattle. (*Oester., Nat. Encyc.*)
ZUG or ZONG, a canton, lake, and town of Switzs-land, in the central part of the Confederation. The canton, which is the smallest in Switzsriand, is exclassed between the territory of Zurich on the N., Schwytz es the B. and S., and a small part of Lucorer and Aargas on the W.; from which last it is separated by the Bens. Area, about 86 sq. m.; a considerable part of which is occupied by the Lakes of Zug and Regerl. Pop., in 1ET, 15.378. Except a small plain to the N. of Zug, the swifee is wholly mountainous, but the mountains de sairies to any great elevations, the Riphest, the Rossburgies in the S. border, being little more than \$5.00 R. shew the sea. Principal rivers, Rouss, Sihl, which forms the N.E. boundary, and Lortz, which brings the waters of the Egeri lake into that of Zug, and forms also the cutter of the latter towards the Reuss. The Lake of Zug, principally comprised in this canton, but partly that of Schwytz, and intermediate in situation, is in character, between the Lakes of Zurich and Lincons, is about 84 m. in length, N. to S., by 3 m. in its greater breadth. Its area has been estimated at shout 16 eq. m. and the height of its surface above the level of the sea, at 1,385 Rng. ft. Its waters are of a very dark bis colour; and though near the town of Zug, fts depit appears to be only about 200 ft.; at its S. extremsky it is said to exceed 1,300 ft.! (Ref.; Picot, §c.)

The banks of the Lake of Zug are cultivated, richly wooded, and in general gradually slopping, except on the S. and S.W. sides, where the Right and Rossburg ris

The banks of the Lake of Zug are cultivated, richly wooded, and in general gradually aloping, except on the S. and S. W. sides, where the Right and Roseberg ris shruptly from the water's edge. The lake abnounds wishish, the taking of which forms an important occupation of the inhabs. of its vicinity. Some indifferent when, with cider, kirschwaser, Ze., are made, and considerable quantities of apples and other fruits are grown for exportation; but the principal employment of the pap. is cattle breeding. A few silk and cotton fabrics are worse, cotton yarm is spun, and at Zug. Chams, and Baar are some tanneries and paper-mills; but the meanufacture of the canton are comparatively insignificant. The sovernment is strictly democratic. The cantonnal council is composed of 54 deputies, elected for two years by all the male citizens of the canton above the age of 19 years, who are not bankrupt, pamper, or under pensel condemnation. This council exercises all the ordinary administrative functions. The legislative power is exercised by the striple cosself, composed of the cantons ouncil and two additional mems, for each deputy, chossa, like the deputies, triennially by the communes. The general assembly meets annually in May: its Landsmann or president being taken alternately from the two circles into which the canton is divided. The depoties are paid for their services, at such rates as can be afferded by the communes which send them. The sum paid by the town of Zug to its representatives is about 4. each per amount, receives about 9d. English. And some of the communes are so poor as not to be abbe to pay even this pittance to their representatives. (Ingita.) The chief criminal tribunal consists of 35 mems, and the ordinary civil tribunal of 6 assessors and the assistants: the latter becomes a final court of appeal by the addition of 6 mems. chosen annually by the cantonal council. Civil causes below the amount of 13 francs, mislemenours, and other matters of misles importance, see decided by the communal assemblies an wooded, and in general gradually aloping, except on the S. and S.W. sides, where the Right and Rossberg rise abruptly from the water's edge. The lake abounds with salt, which is farmed by the government, and brings is about 80t. a year. Zug furnishes a contingent of 380 men to the army, and 3497 francs a year to the treasury of the Swiss Confed.

of the Swiss Couled.

Zug, the cap., on the N.E. side of the lake of the same name, 15 m. S. Zurich, with about 3,500 inheles, is the only town worth notice. It is pleasantly stunted, and has several good churches, to one of which is and has several good churches, to one or watch a statched a curious godgotka, containing many lundreds of skulls, each labelled with the name of its original pea-sessor. Provisions are cheap at Zug; and though wis-out the pretension to rank with Zurich in importance, a residence here would seem to be the more agressible of the two from the greater cordiality and gaiety of the

people.

The people of this canton are of a German stock, a for the most part similar to those of Schwytz, though less ignorant and superstitious. They are all R. Catholte; and, small as is the extent of the canton, Boel says—La pays de Zug fournit des prêtres d'une grande partir ét pays de Zug fournit des prétres d'une grande partie de la Suisse Catholique. (Picot, Statistique de la Suisse; Ebel's Manuel, &c.; Inglis's Switzerland; Dict. Gra-

\$c.)
ZURICH (CANTON OF), a canton of Switzerland,
ranking first in the Confederation, and being superior

ZURICH (C also, in pop. and importance, to most of the other camtons. It extends between lat 470 10 and 470 40 N., and long. 80 30 and 90 E.; having E. Thurgan and St. Gall, S. the Lake of Zurich and the cant. Zug, W. Aargau, and N. Schaffhausen and Baden, from which it is partly, separated by the Rhine. Length, N. and S., about 30 m., greatest breadth, 25 m. Area, 685 sq. m. Pop., in 1860, 250 689; nearly all Protestants. Surface generally undailating; and, though picturesque, it presents none of those grand natural features which arrest the traveller's attention in the cantons further S. Several mountain, or rather hill ranges, enter Zurich, but the highest summit, the Hörnil, near the E. border, scarcely rises to 3,800 ft. above the sea.

After the Rhine, the principal rivers are its tributaries, the Limmat, which drains the lake of Zurich, Thur, Toss, Shil, &c. with the Reuss forming a part of the W. border. Of these however, only the Limmat is navigable. The Greiffen, famous for its fine eels, and several smaller lakes, are in this canton. Climate mild; the mean annual temp. at Zürich is about 6840 Fah. Nowhere in the canton is the ground perpetually covered with snow; and the soil is in general productive. Agriculture is perhaps better conducted in this than in most other parts of Switzerland; manuring is well understood; and irrigation is successfully practised. Inglissays "Anywhere in the neighbourhood of Zürich, one is struck with the extraordinary industry of the inhabs.; and if we learn that a proprietor here has a return of 10 per cent., we are inclined to say, 'he deserves it.' It is impossible to look at a field, a garden, a hedge, scarcely even a tree, a flower, or a vegetable, without are bestowed upon the cultivation of the soil. If, for example, a path leads through, or by the side of a field of grain, the corn is not, as in England, permitted to hang over the path; but is everywhere bounded by a fence. If yod look into a field towards evening, where there are large beds of cauliflower or cabb

very interior. Ine pasture tames are not extensive; and no great quantities of farm stock are reared: a very large breed of cattle is however produced by a cross between those of this canton and those of Schwytz. Some iron, coal, salt, &c. are met with; but mining industry is not of much consequence. (Meyer, Der Kant, Zürich.)

Kant. Zurich.)

Zurich is one of the principal reanufacturing cantons of Switzerland; its inhabitants generally dividing their attention between the labours of agriculture and those of the loom. "I have seldom entered," says Dr. Bowring, "a rural dwelling without finding one or more known in it, employed in the waving of silk or cotton. If the labours of the field demand the hands of the peasant, his wife or children are occupied in manufacturing industry. When lighter toils suffice for the agricultural industry. When lighter tolls suffice for the agricultural part of the family exertions, the females and the young people resign the loom to the father or the brothers. The interstices of agricultural labour are filled up by people resign the loom to the father or the brothers. The interstices of agricultural labour are filled up by manufacturing employment; and in more than half of the operations of Zürich the farmer and the weaver are united." (Rep., pp. 68, 70.) Cotton and silk fabrics consist of Florentines, groa de Naples, marcelines, taffetas, levantines, handkerchiefs, crapes, shawis, velvets, &c. Early in the present century about 5,000 looms were employed upon these goods; but since the peace they have rapidly increased. The disturbances at Lyons, also, in 1834, were the cause of many Lyons' workmen settling in Zürich. In 1840, Villermé estimated the number of silk-looms in the canton at 11,000, and the weavers of all ages at 16,000. (Tableam des Ouveriers, i. 420.) The annual value of the total produce of the silk-looms has been estimated at 600,000. sterling. The male weavers of Florentines and serges get from 3½ to 4½ francs a week wages, and of Gros d' Orleans and Marcelines, at an average from 63; to 7½ fr. a week. (Handloom Weaver's Rep.) The cotton manufactures of Zürich had their origin in the 5th century, their two principal seats being then, as now. Zürich and Winterthur. There are said to be about 12,000 cotton weavers in the canton, and 4,000 persons engaged in other trades connected with the cotton manufacture, producing annually 800,000 pieces of cotton. In 1836 there were 19 cotton printing establishments in the canton, employing about 1,000 workmen, and printing 100,000 pieces a year of cloth. (Bowring's Rep., p. 76.) Cotton spinning is, also, extensively carried on, there being, in 1836, 292,900 spindles in

operation. (Handloom Weaver's Rep., p. 103.) At Win-terthur and elsewhere numbers 120 and 130 are made; but the yarms spun are mostly from 20 to 40, the higher numbers being imported from England. 40,000 cwts. of raw cotton are supposed to be annually consumed in the cant. The general average rate of wages in the Zürich mills is, for a man, about 7½ fr., girls 4½ fr., and children 3 fr. a week. (See also a Table of the Spinners' and Weavers' Gains in Villermé's Tableau des Oweriers, 1, 420.)

cant. The general average rate of wages in the Zürich millis is, for a man, about 7½ fr., girls 4½ fr., and children 3 fr. a week. (See also a Table of the Spinners' and Weavers' Gains in Villerms's Tableass des Oweriers, 1. 429.)

The other manufactures are not of any great importance. The woollen trade does not employ 300 hands, and the linen manufacture is now almost wholly extinguished. The imports of Zürich mainly consist of cotton and cotton yarn (Nos. 80 to 180), woollen cloths, colocial products, bark, straw hats, linens, furs, glass, stationery; wheat, principally from Swabla; wine, brandy, fruits, tobacco, fir wood, raw silk, butter and cheese, minerals, &c. The exports are cotton cloths, particularly Turkey reds; silk goods, chiefly plain; machinery, tanned leather, kirschwaser, and sometimes an excess of agricultural produce to the neighbouring districts. (Movering Rep. p. 77.)

"Most of the iamilities in Zürich cant., consisting of father and mother and two or three children, earn among them, or possess in the produce of their land, an income fully equal to 30c. a week in Regland. The working classes are, compared with those of England, more moral, and better educated. With regard to education the law compels it, and consequently there are searcely any persons to be found who cannot read, and very few who cannot write. Music is much cultivated in this canton; and the whole demeanor and appearance of the working classes present a most gratifying picture of high prosperity, contentment, morality, and intelligence. Vew cantons are really more flourishing: the entire poor rates a few years since was enju 2½d. per head per annum." (Symons is Hand-koon Rep.) In point of fact, however, this state of things is mainly to be ascribed to the extreme economy of the people, a consequence, in part, of severe sumptuary laws, and to their avoiding all superfluous expenditure, in 1834, 1332,800 Sw. francs; expenditure, lower of the grater council, as the chamber. The mems of the grater council, as the chamber. The

the above canton, and alternately with Bern and Lucerne, the seat of the confederate government; on the Limmat, at its effux from the N.W. extremity of the Lake of Zürich, 584 m. N.E. Bern. Lat. of the observatory, 470 27 31" N.; lon. 280 31" 30" E. Pop. in 1844, 14,500. It is beautifully situated, the river dividing it into 2 parts, which are connected by 3 bridges; and considerable improvements are going on in the town. It has some fine public walks, but few public buildings are worth natice. The principal are the cathedral, a massive edifice of the 10th or 11th century, in which Zwinglius denounced, though in comparatively mild and measured terms, the errors of the church of Rome, and enforcid the principles of the Reformation*; St. Peter's church,

^{*} Zuinglius, or rather Zuingle, was born January 1, 1484, at Bachhausen, a small village in the Tockenburgh. "Of all the Reformers," any Coxe, "the mild and elegant Melancthon alone excepted, Zuingle seems to merit peculiar easeen. He possessed to a great degree that spirit of meckness, moderation, and charity, which are the characteristics of true christianity; and, amid all the disputes between the Lutheranas and the Reformed churches, was a constant advocate for peace and reconcilisation. He was perfectly free from narrow higotry, which makes no distinction between points of the merest indifference and objects of the greatest importance, as from

of which Lavater was the minister; the town hall, a square edifice, in which the diet meets; the old arsenal; the town library, a spacious edifice, containing about 60,000 volumes, with portraits of Zwinglius and many of the burgomasters of Zürich, a bust of Lavater by Dann-

the burgomasters of Zürich, a bust of Lavater by Dannecker, a bas-relief model of a great part of Switserland, a collection of fossils, &c.; and, in the middle of the Limmat, the tower of Wellenberg, formerly a state prison.

The principal manufactures are those of silk and cotton goods; and numerous factories and country houses stud the banks of the lake in the environs. In Zürich, says inglis, "it is all work and no plu; there are no amusements of any kind, nor probably do the inhabs. feel the want of them. There is no theatre; there are no public concerts: balls, in a canton where leave to dance must be asked, are out of the question. The great object of the Zürickers is to get money: distinction in wealth is the chief distinction of rank known in Zürich. Literature, however, has kept its place here; and no weath is the chief distinction of raink anown in Zuren. Literature, however, has kept its place here; and no where, perhaps, in Europe is the study of the classics more general than in this city. Here are an academy for theology and various other branches of philosophy; more general than in this city. Here are an academy for theology and various other branches of philosophy; another academy preparatory to the former; an institution for medicine and surgery; another for the education of merchants; an institution for the instruction of these and dumb, and for the blind, the model of which was considered so excellent, that upon it Napoleon formed that of Paris; academies of artists and musle; a society of public utility; and many schools for instruction in languages and for the education of the poor. Two newspapers are published in Zürich, one appearing weekly, the other twice a week; and there is also a monthly literary journal. If house-rent were out of the question, one might live cheaply enough at Zürich, or in its neighbourhood. Beef usually sells at about 3d. per lb., mutton at 24d., and weal 1d. higher: fowls average 1s. 6d. a pair, butter 7d. per lb., and eggs 2 dos. for 10d. But the reasonable price at which most necessaries may be obtained in Zürich is more than neutralized by the high rent of houses, for which indeed at least three times the sum is asked that would command the same accommodation in England! and to those desirous of selecting a seum is asked that would command the same accommodation in England I and to those desirous of selecting a
constantly agreeable residence, I dave not recommend
Zürich. A winter's residence could not be otherwise
than triste in a city where amusement is confounded with
crime, and where men and women do not meet each other
in society." (Inglis's Switzer!). There is, however, a
museum club, with a good reading-room. Where the
leading English newspapers and periodical publications
are taken in, a perpetual communication is kept up by
diligences with Basie, Bern, Constance, and the other
chief Swiss towns; and by steam-boats twice a day with
places on the bank of its lake. Zürich was one of the
earliest cities that joined the Swiss Confederation; and
here the Reformation in Switzerland commenced, under
Zuinglius, in 1519. Among its distinguished natives zuinglius, in 1519. Among its distinguished natives have been the two Gessners, Zimmermann, Fuseli, Lavater, Bodmer, and Pestalozzi. (Ebel; Inglis; Dict.

vater, Bodmer, and Pestalozzi. (Ebel; Inglis; Dict. Géog., &c.)

ZURICH (LAKE OF), one of the principal lakes of Switzerland, in the E. part of which it is situated, being bounded by the cantons of Zürich, Schwytz, and St. Gall. It curves in a semicircular manner, from S.E. round to N.W. Length, about 24 m.; breadth, varying to about 3 m.; but at Rapperschwyl it is contracted to less than 4 m., and is crossed there by a wooden bridge. Area, estimated at about 23 sg. m.; height above the sea, 1,362 Eng. ft. Its depth in some places exceeds 600 ft.; but for several hundred yards from its banks it is (near Zürich at least) seldom more than from 6 to 12 ft. in depth. At its S.E. extremity it receives the Lioth canal, which brings to it the superfluous waters of the Lake Wallenstadt; at its N.W. extremity it discharges itself by the Limmat. Zürich, Mellen, Rapperschwyl and Richtenschwyl, are on its banks. This lake has none of that savage sublimity which characterises most of the Swiss lakes: its scenery is, in fact, comparatively tame. Inglis calls it "the Winan-

overbearing pride, which, while it violently condemns the opinions of others, assumes infallibility with respect to its own. In a word, it was his opinion, that, provided Christians agree in the most essential section of the condemns of t

dermere of Switzerland." The hills around it seasonly rise to 3,000 ft. above the sea, and they descred to gentle and cultivated slopes to the water's edge; where the banks, from one end of the lake to the other, are studded with villages, country bouses, and other habitations. Good carriage roads run along both sides of this lake; and it is daily traversed by steamers between Zurich and Rapperschwyl. (Edel; Picot; Inglis's Sauzerland; Sciens Handb.; Mayer, Du Cambon Zurach; Murray; Handb. for Switzerland; gc.)

ZUTPHEN, a fortified town of the Netherlands, prov. Geolderiand, cap. arrond., on the Yasel, croased here by a stone bridge, where it is joined by the Birckel. In m. N.B. Arnhem. Pop., according to Stria, about 11,000. It is strong by its situation, and, though in the midst of fens, is not considered unthealthy. k is divided by the Birckel into an old and ar new town. The principal church is an old and stately edifice: the town-hall, the college of deputies, and the palace of the former counts of Zutphen, are the other most cospicuous buildings. Here, also, is a Latin school, a society of physical science, a court of primary jurisdiction, manufactures of cotton fabrics, with tanneries, paper and glue factories, oil and flour mills. Acc.

Zutphen was one of the Hanse towns. It was taken and piliaged by the Spaniards in 1572 and 1583, but was not provided by the reops under Prince Maurice in 1591. In this siege the famous Sir Philip Sidney, the Sown of the chivalry of Elisabeth's reign, received a wound of which he died on the 17th of Oct., at the early age of 32. (De Choet; Steis; Dict. Gog.)

ZVORNIK or ISVORNIK, a fortified town of Somin, acc., but from its lying out of any great road, it is stuated on a rocky height, and heas two considerable trade in timber and fuel with Belgrade, Semlin, acc.; but from its lying out of any great road, it is very seldom visited by travellers from W. Europe; and our information respecting it (as. indeed of the constant of the prince of the constant of the prince of th

a considerable trade in timber and foel with Belgrade, Semilin, &c.; but from its lying out of any great road, it is very seidom visited by travellers from W. Europe; and our information respecting it (as, indeed, of the whole of Bosnia) is very imperfect.

ZWICKAU, a town of the kingdom of Saxony, cap. circ. of its own name, on the Mulda, 56 m. S. W. Dres. den. Pop., in 1846, 8,837. It was formerly strongly fortified, and suffered repeatedly in the wars of last century between Austria and Prussia. Its principal buildings are St. Mary's Church, with some fine paintings by Wohleemuth, and a loft tower, which was often as-

fortilled, and suitered repeatedly in the wast of the suitered repeated by the suitered repeated by the suitered by the suitered by the suitered by the suitered by Luther; and an old castle, now used for a seconded by Luther; and an old castle, now used for a louse of correction. The gymnasium has a library of 18,000 volumes (E. Ritter); and there are also some military storehouses, an hospital, &c. Zwickau has mannefactures of woollen cloths, hosiery, cotton goods, and hardware; which she owes to the coal fields on both sides the fluida, in her vicinity.

ZWOLLE, a fortified town of the Netherlands, prov. Overyssel, of which it is the cap.; on the Zwarte-water, about 10 m. from the Zuyder-see, and 50 m. E.N. R. Amsterdam. Pop. between 17,000 and 18,000. It is well built, in the style of most other Dutch towns; and has several suburba, 8 churches, including a fine old cathedral, a house of correction, tribunals of primary jurisdiction and commerce, and some agreeable prognamates in the vicinity. It was formerly one of the Hanse towns, and its trade is still considerable in cattle and other lives stock, dried fish, corn, wool, hides, honey, leather, &c. It has some salt and sugar refineries, tanneries, &c. It was taken by the Dutch in 1890. The famous Thomas-A-Kempls was, for 64 years, a monk of an Augustine vicinity. (De Clotet:

was taken by the Jutch in 1880. The famous Thomas-& Kempis was, for 64 years, a monk of an Augustine priory in this town, where he died in 1471. (De Cloet; Diet. Géog.; Murray's Handbook, &c.) ZYTUMIERS, or Jitomstr, a town of Russian Poland, government Volhynia, of which it is the capital; on a tri-butary of the Dniepr, 75 m. W. S.W. Klef. Pop., in 1846, 28,000. It has 3 Russo-Greek, a Lutheran, and 2 1846, 28,000. It has 3 Russo-Greek, a Lutheran, and 2 R. Cath. churches, various government buildings, a gymnasium, seminary, public library, &c. It has increased greatly in importance since it came into the possession of the Russians: it has manufactures of hats, leather, &c., and a considerable trade in woollen, six, and liuen fabrics, honey, wax, salt, and wines, chiefly with Galicia, Hungary, and Wallachia. (Schminder; Pussari; Berghaus, &c.)

SUPPLEMENT.

ADELAIDE, a city of South Australia, cap. of the British colony of that name, about 7 m. S.E. from its port, an inlet on the E. side of St. Vincent's Gulph. Lat. 340 57' S., long. 1380 38' E. Pop. in 1846, 7.143, and in 1880 probably 10,000. The munic. boundary comprises rather more than 1,000 acres. It is divided into N. and S. Adelaide, by the river Torrens, here crossed by two bridges. Both portlons of the town stand on gentle elevations, and are regularly laid out: the streets, which vary from 70 to 180 ft. in width, mostly cross or meet each other at right angles, and there are several good squares. The S. is a good deal larger than the N. division of the city: it includes the government house, hospital, &c., with some handsome terraces and villas, having from ½ to ½ acre of shrubbery and garden ground attached. Along King William Street (its central thoroughfare) are sundry large buildings, including the government offices and commissariat stores, with many good private houses and shops of all descriptions. Hindley Street is the principal place of business, and here is to be observed all the bustle of a flourishing town. It is lined on both sides with good stone, brick, or wooden houses, some of which are of superior build, and do credit to Australian street architecture. Many of the stores or merchants' warehouses are massive brick or stone buildings. (Wilkinson, S. Australia, pp. 47, 48.) The government house, near the river, is a neat building surrounded by about 10 acres laid out in ornamental gardens. Among the other principal edifices are Trinity and St. John's churches, the legislative council house, court bouse (formerly the theatre), the office of the S. Australian bank, other principal edifices are Trinity and St. John's churches, the legislative council house, court house (formerly the theatre), the offices of the S. Australian bank, an auction mart, the offices of the S. Australian Company, and an immense jail, upon which no less a sum than 34,000. has been expended, or rather thrown away! In the centre of Light Suare is a handsome Gothic cross, 45 feet high, erected to the memory of Colonel Light, the founder of the city. Adelside has chapels for Presbyterians, Roman Catholics, Baptists, Independents, Methodists, German Lutherans, and others, a Friends' meeting house, a Jews' synagogue, numerous schools, byterians, Roman Catholics, Baptists, Independents, Methodists, German Lutherans, and others, a Friends meeting house, a Jews' synagogue, numerous schools, the S. Australian bank, and a branch of the Australantalando., S. Australian Assurance Company, a philanatropic institution, a mechanics' institute, a botanic garden, a public cemetery, &c. Several newspapers are published in the city. It manufactures woollen goods, starch, soop, sounf, and machinery, and it has a variety of steam and other mills, with breweries, tanneries, malt-houses, &c. Its trade in ores, wool, &c., is already very extensive, and it will necessarily increase with the grand emporium. Around the city on the B. and S. is a semicrice of hills, some rising to upwards of 2,000 f. above the sea; and within a few miles are some of the principal copper and lead mines, to which, especially the former, the colony owes the greater part of its prosperity. So much is this the case, that of the total exports from the colony, amounting in the year ending October 10th, 1849, to 436,2164, those of copper and copper ores amounted to 287,4312. (See post.)

The river Torrens, on which Adelaide is built, lose itself in a marsh before reaching the sea, so that the city is from 6 to 7 m. distant from its port, an inlet of St. Vincent's Guiph. This inland situation is a serious drawback on the trade of the city; and it would seem that a mistake was committed in not building it on, or much nearer to, the coast. This, we are aware, has been denied, though, as we think, upon very unsatisfac-

that a mistake was committed in not building it on, or much nearer to, the coast. This, we are aware, has been denied, though, as we think, upon very unsatisfactory grounds. There appears, indeed, to be but little doubt that in no very lengthened period most part of the commerce of the town will be transferred to the port; and that the latter will be preferred as a residence by commercial people. In the rainy season the Torrens is much flooded, though it seldom overflows its banks, which are steep and lofty; but in the dry season it has no current, its bed being then formed into a series of nools or tanks. Pools or tanks.

Port Adelaide, 7 m. N.W. from the city, in a low and marshy situation, consists of a number of dwellinghouses, and warehouses, many of which are of stone, with wharves, partly belonging to government, and partly to the South Australian Company. Pop. in 1850 about 2,500. The inlet of the sea forming the harbour, opposite the entrance to which a light vessel is moored, stretches from the gulph, from which it is separated by a narrow neck of land, for about 8 m. southward surrounding Torens Island. At its mouth is a sandy bar with 8 ft. water at ebb and 16 ft. at flood tide; this depth being considerably increased during S. and S. W. winds. Ships of 400 or 500 tons may, consequently, pass the bar in safety, and once over, there is depth enough for the largety and once over, there is depth enough for the largets ships to the head of the harbour. (Dutton, S. Australia, p. 112.) Large vessels are, however, obliged to lie in mid channel; but projects were recently on foot, and are now, probably, being realised, for improving the harbour, either by carrying out plers into the deep water, or by establishing a new port about 2 m. nearer to the harbour's mouth, where the water in-shore is deeper, and the situation affords greater facilities for the accommodation of shipping. Fort Adelaide has a custom house; but vessels are exempted from all port charges in this and in the other ports of the colony. A railway planned to unite the city with the port, will, most likely, be completed at an early date. We subjoin the following statements with respect to the trade, &c., of Port Adelaide (or S. Australia) in the following years:— Port Adelaide, 7 m. N.W. from the city, in a low and

Imports and Exports at Port Adelaide.

Years-			Total Imports.	Total Exports.		
1843 - 1844 - 1845 - 1846 - 1847 - 1818 - 1849 -	:		# 6. d. 109,013 0 9 118,915 6 11 184,819 18 5 349,069 12 9 410,825 9 6 381,338 19 0 599,548 10 6	80,855 12 2 95,272 14 6 148,459 4 7 312,837 16 6 250,348 12 2 504,065 7 0 403,167 0 6		

Exports the Produce of South Australia.

•			-			_	d.
1844	_	_	-		82,268	13	8
1845			-	-	131,900	6	ō
1846	-	-	•	-	287,058	13	ō
1847	•	•	-		275,115	12	ŏ
1848	•	-	•	•	465,878		8

Ships entered inwards at Port Adelaids in the under-mentioned Years.

	1844.	1845.	1846.	1847.	1848-	1849.
From Great Britain - B. Colonies - Foreign States -	8 60 2	12 97 5	20 111 11	28 115 7	85 170 10	95 165 17
Total • •	70	114	142	150	215	277

Immigration and Emigration.— The arrivals and departures at Port Adelaide, by sea, during the last few years have been as follows:—

				Arrive	 Departed.
1844	-	-	-	 1,114 	847
1845	-			- 2,836	445
1846				- 4.458	863
1847	•	•	•	- 5,646	865
1848	-	•	•	- 7,664	7,042
1849	_		-	16,166	9 604

During 1849 the arrivals and departures were from and to the places following: —

[Great Britain.		British	Colonies.	Foreign States.					
l		Males.	Females-	M ales.	Pemales.	Males.	Females.				
Arrivals	-	6,854	5,647	1,455	583 789	981	646				
Departures	÷	70	, 63	1,011	788	144	20				
	3 K										

The excess of departures for the neighbouring colonies The excess of departures for the neignocuring cotonics is caused by many of the English passenger-ships being bound for Adelaide, Melbourne, and Sydney, where many proceed, and are entered accordingly. Under Foreign States, the numbers denote nearly the arrivals from Germany, and the departures for Callfornia

Account of the Quantities and Values of the principal Articles, the Produce of S. Australia, exported from Port Adelaide in the Year ending the 10th October,

Articles.		Quantities.	Value	4.
Bacon and hams		122 cwm.	41	ť
Beef	-	6 cwt.	12	0
Beer	-	11,200 gala.	1,100	Õ
Bread	-	391 cwt.	254	Ō
Butter -	-	7 cwt.	35	
Cattle -		1		-
Hornes -	- '	<u>.8</u>	100	
Cows -	- '	1 17	85	Ö
Sheep -	- '	379	125	Ō
Cheese -	• 1	60 cwt.	120	õ
Corn —		i	1	-
Barley -	- 1	218 qrs.	127	0
Wheat -	- 1	11,401 qrs.	17,819	15
Plour -	- /	1,184 tons 10 cwt."	13,216	0
Glue, pieces -	- 1	1 ton	1 12	Ō
Gum -	- /	557 cwt. 24 lb.	586	Ō
	- 1	1,626	530	Ō
Hoofs and bones	- 1	116 cwt.	90	Ō
Horns	- [3,6M	145	ō
Leather - Metal —	- 1	102 cwt.	331	Ō
	- 1		1	
Copper - Lead -	- 1	3,785 cwt. 2 grs. 5 lbs.	14,869	
Off. black	- 1	29 cwt. 3 tuns.	1 99	0
Ore	- 1	o tuns.	100	0
0	_ 1	14,547 tons 16 cwt.		_
Emery -	- 1	21 cwt. 1 gr. 14 lbs.	272,607	0
Lord -	- :	21 CWT. QT. 14 1DB.	86	0
Preserves -	1	413 tons 14 cwt. 1 qr.	5,510	0
Specimens -	- : 1	1207 108.	. 6	0
Tailow -	:1	5,872 cwt. 3 grs. 9 lbs.	142	0
Wool .		10,504 bales. 2,338,040 lbs.	9,076	Ō
Whalebone -	:1	56 cwt. 1 qr. 21 lb.		5
Wine -	1	5 gals.	250	0
M iscellaneous	: 1	2 Kerne	!	0
NE SECRETARISMENT	٠.		295	0
		i	155.010	_
			436,216	0

Adelaide was founded in 1834. In 1842, it was incorporated by an act of the colonial legislature as a city porated by an act of the colonial legislature as a city under a mayor, aldermen, and common council; but the corporation was subsequently broken up, and we have not learned whether it has been re-established. (Wilthson, Dutton, Evancti, S. Australia; South Australian Ahmanac for 1950.)

AUSTRIA. The dismemberment of the Austrian monarchy, which appeared, when the article "Austria" in the Dictionary was written, to be not at all improbable, has, for a while at least, been averted. The revolutionary excesses of which Vienna was the theatre did not extend to any other portion of the German provinces of the empire; and the vigorous efforts made by the Magyars of Hungary to throw off the Austrian yoke were weakened by the opposition of the Slavonians of Croatia, and other provinces. Perhaps, however, the Magyars might have succeeded in establishing their independence, and, at all events, the struggle with them would have been much more severe, but for the powerful assistance given by Russia to the Austrians. In Italy the latter had comparatively little difficulty in re-establishing their authority. The Italians can do everything but fight. They can produce, at sight, the draught of a free constitution, with representative bodies, and providing for the freedom of the press, of religious worship, and so forth. But when it becomes necessary to maintain by the sword what they have so well expressed by the pen, their courage rapidly evaporates. Indeed, the presumption is, that, though the whole population were in arms from the Alps to the extremity of Calabria, 100,000 Austrian, French, or Russian troops would suffice to reduce them to obedience, and make them crouch, like slaves, under the lash. They have not yet learned to prefer death to dishonour.

government has to contend are still extremely formidable. The different provinces of the grant The different provinces of the empire, occupied by different races of people, speak-ing different languages, are not beld together by any common tie of interest or affection. On the contrary, they entertain the greatest jealous, of, ard aversion from, each other; and no attempt has been made to obviate this state of things, or to reconcile the apparently confic-ing, but really identical interests of the various countries and races under the imperial sceptre. On the 4th March, 1849, the present emperor promulgated a constitution for all the states of promulgated a constitution for all the states at the empire, establishing two representative chambers, an upper and a lower, the laster chosen by universal suffrage, and guaranteeing the freedom of the press, &c. But the urgency of the crisis which led to the promulgation of this important document having passed away, we hear no more of the constitution, or of the constitution of the promise made in it. On the fulfilment of the promises made in it. On the contrary, all the most offensive parts of the old regime have again been made as prominent The sword, in fact, is at present the as ever. only instrument of government recognised is Austria, and courts-martial are the only unbunals for the trial of political offences. But though a system of this sort may answer perfectly well in Italy, we hardly think it will succeed in Germany. We believe, indeed, that if it is a not seen as a size of the system of the succeed in Germany. if it be not very materially modified, it will, at no very distant period, be wholly overthrown Dissatisfaction is everywhere prevalent. The finances are, also, in a state of the greatest disorder; and the attempt to impose new taxes, without the sanction either of provincial states or of a general diet or parliament, has excited deep feelings of disgust in some of the provinces most attached to the reigning family.

It may even be doubted whether the praiseworthy efforts of the government to modify or repeal the existing shackles on the freedom of commerce will not add to its unpopularity. They have provoked the hostility of the manufacturers; and it is by no means clear that they will be favourably received even by those classes to whom they will be of the greatest advantage.
Whatever may be its political consequences, the attempt that is now being made by the Austrian government to have its territories, and those of the Southern Germanic states, included in the Zollverein, or German Customs League, would certainly add greatly to the industry and well-being of the German people.

being of the German people.

On the 1st of May next (1851), unless, like the constitution of 1849, its should be indefinitely postponed, a new uniform customs tariff for the whole of the Austrian dominious is to come into operation, and the export and import iaws published in 1829 and 1838 are to be annualed. In the new tariff, the articles liable to duty are classed under 32 principal heads, and these into inferior once. With the exception of salt, gunpowder, tobacco, and preparations liable to explode, all goods may be exported and imported without requiring any special permit. On most articles the duties are considerably reduced; and some at present prohibited will for the first time be admissible. All customs must be paid in imperial coins of "three pieces of twenty to the florin." The duration of the tariff is fixed at 54 years; and no change can be made in it except by decree of the Imperial Diet, or in case of a customs-union with Germanny and Italy.

can be made in it except by decree of the Imperial Diet, or in case of a customs-union with Germany and Italy.

BOYD TOWN. A sen-port town, co. Auckiand. N. S. Wales, on the S. shore of Twofold Bay, les. 370 72' S., long. 149° 54' E. Pop., in 1848, probably 2,000. It has a jetty 300 feet in length with other accommodations for shipping; and E. Boyd is the seat of a large whaling establishment. Boyd Town was founded by Mr. Benjamin Boyd, who connected it by a road 45 m. ot yet learned to prefer death to dishonour.

Sammum crede nefas, animam pracferre pudori,
Be proper visam, vivendi perdere causas.

But the difficulties with which the Austrian

But the difficulties with which the Austrian

CHICAGO.

CHICAGO, a town of the U. States, Illinois, at the embouchure of the Chicago river, in the S. W. corner of Lake Michigan, lat. 42° N., long. 87° 37′ W. The river, which is formed of two branches that unite about # m. from the lake, divides the town into three portions, the principal seat of business being on the S. side of the main stream. The growth of Chicago has been quite extraordinary, its pop., which in 1840 amounted to only 4,833, having increased, in 1846, to about 17,0001 and there is every probability that it will continue rapidly to increase for many years to come. It is indebted for this wonderful developement to its situation and the enterprise of its inhabitants. It is the natural entrepôt for the trade between the flourishing state of llitinois and the vast regions watered by the great lakes; its importance in this respect having been very greatly increased by its having been united by a canal, of the largest class, with the navigable waters of the Illinois river, an affluent of the Mississippi; so that it communicates, on the one hand, with New Orleans and the Mexican Gulph, and, on the other, with Quebec and the St. Lawrence. Hence the value of its exports and imports, which, in 1840, were respectively 228,636 and 562,106 dollars, had risen, in 1847, to 3,296,299 and 2,641,833 do. 1 Among other articles, the exports, in 1947, comprised 1,974,303 bush. wheat, 23,538 barrifour, 48,920 bar. beef and ports, and 411,488 ib. wool. The harbour, which is partly artificial, is formed by means of piers, at the extremity of one of which is a lighthouse, projecting from the river into the lake. The trade of the port employs a great number of steamers and salling vessels, a good many of which belong to the town. The situation, though low, is above the level of the inundations, and is said to be healthy. The

or sand salling vessels, a good many of which belong to the town. The situation, though low, is above the level of the inundations, and is said to be healthy. The streets cross each other at right angles, and the wooden buildings of the first settlers are now rapidly giving may to substantial brick edifices. It has some handsome churches, a medical college, various elementary and superior schools, a merchant's academy, banks, insurance offices, and so forth; and, in 1847, no fewer than 7 weekly and 4 daily newspapers! Fort Dearborn, which acquired some celebrity in the last war between this country and the U. States, is in its immediate vicinity. Such is the present state and prospects of a town founded on what was, 20 years since, a hunting ground occupied by the Indians. (See an excellent art. on Chicago in Hunt's Commercial Magazine for February, 1843.)

COLUMBUS, a city of the U. States, cap. Ohlo, of which it is nearly in the centre, on the banks of the Scloto, immediately above the point where it is joined by the Whetstone river, 100 m. N.B. Cincinnati, lat. 360 47° N., long. 830 3° W. It was founded so late as 1812, the land on which it stands having previously been a whiderness. Pop., in 1840, 6,045; in 1848, about 14,001 It is well situated on land rising gradually from the river; the streets, which are broad and straight, cross each other at right angles, being for the most part lined with substantial houses. It has a square which comprises 10 acres; and a convenient wharf extends along the margin of the river. But the navigation of the latter (an affluent of the Ohio) being inble to interruption, the city is united by a canal to the Ohio canal, which opens an easy communication with the lakes on the one hand, and the Mississippi on the other; and its trade is farther promoted by its being on the other; and its trade is farther promoted by its being on the line of the great national road from Indianopolis on the line of the great national road from Indianopolis to Zanesville, &c. A bridge across the river unites the city with the suburb of Franklinton. The public the city with the suburb of Franklinton. The public buildings comprise a state house, commanding a fine view of the surrounding country; an edifice for the accommodation of the officers of the state; a state penitentiary; a lundic asylum, and asylums for the blind, and for deaf and dumb persons; a Lutheran theological seminary; numerous churches; several bank offices, one of which has a handsome Dorle portico, &c. Here, as in the other towns of the U. States, there is ample provision for the education of the vous in eleample provision for the education of the young in elementary and superior schools, academies, &c. It has factories of various sorts, with tanneries, breweries, distilleries, and printing-offices, which, in addition to other publications, furnish sundry monthly and daily newspapers. (Haskell's Gazetteer, &c.)

DENMARK. Since the art. Denmark, in the body of this work, was printed, we have received from Copenhagen, from a source on which every reliance may be placed, the following statements.

The prohibitory regulations obstructing the commerce The prohibitory regulations obstructing the commerce of the country and encouraging sloth and smuggling, have been materially modified by ordinances passed in 1838, 1841, 1844, 1845, and 1847. The duties on foreign imports vary at present from 3 to 20 per cent. ad valores.

All prohibitions of importation and exportation have been abolished. The facility of trade is promoted by 1849 the produce of St. Croix amounted to only 1849 the produce of

; great liberality in regard to the warehousing and bonding of merchandise. A few articles continue subject to duties on being exported, and of these cattle, hides, and skins are of greatest consequence. The education of mechanics has of late years been improved by the formation of mechanics' institutes, drawing-schools, &c.

account of the Quantities and Values of the principal Ar-ticles, the Produce of Denmark and her Dependencies, exported from that Kingdom and the Duchles of Sles-wick and Holstein, in 1847.

wick and Holstein, in 1847.											
Articles.	Danish Weights and Measures.	British Weights and Measures.	Approxi- mate Va- lue.								
I. Agricultural Product.											
Produce.	440 100		# 348,171 182,536 373,139 9,873 248,527 78,431								
Rye	442,122 tender 405,192	193.871 qn.	189.336								
Harley -		5¥9,420 -	873,139								
Hye Harley	736,378 —	362.334	9,873 248.592								
Buckwheat Grosts of buck-	116,194	911,541 qm. 193,871 — 549,420 — 10,498 — 352,334 — 55,567 —	78,431								
wheat, harley,		ĺ									
and oats Flour of barley,	9,047,113 lbs.	9,958,845 lbs.	50,890								
wheat, and po-											
Other flour	3,410,960	3,754,703	11,519								
Pette	185,198 tonder	5,754,703 — 3,895,140 — 88,612 qrs.									
Tures	45,989	22,482 — 20,786 — 70,022 —	21,145								
Kape-seed	3,410,960 — 3,538,540 — 185,198 tonder 46,989 — 45,414 — 146,346 —	70,022 -	21,145 21,437 131,711								
seeds	69,871 — 20,834,967 lbs.	¥8,646	43,781								
Oil cakes Butter	20,834,987 lbs.	28,646 205,034 cwts.	43,781 46,917 465,247								
Cheese	81,755 tonder 877,000 lbs.	8,623 cwts.	9,863								
Pork, saited	3,823,556	37,596 -	51,618								
Beef, salted -	1,845,459 — 181,191 — 199,576 —		24,914								
Tallow .	181,291 192,576	18,146 — 1,783 — 1,894 —	24,914 2,448 3,899								
Candles	59,798 — 11,250 head		1.481								
Tallow		11,950 head	94,982								
Cowe	44,084	44,084 —	297,567								
Piges	15,186 — 16,663 — 23,603 —	15,186 — 16,663 — 23,603 —	19,830 18,746								
Sheep and lambs - Corn and potatoes	23,603 -	23,603	7,966								
DLEDGA	106,887 vele.		16,034								
Hides:— Horse, ox, and	i	1	l .								
cow	210,699 lbs.	2,367 cwts.	5,654								
Skins:— Calf, sheep, and	1	1	1								
lamb Honey	1,387,584 — 172,074 — 161,828 — 1,413 — 6,695,835 —	13,614	41,550								
Wax	161,828	1,692 _	3,484 11,126								
Quills, writing	1,413	63.839 cmh	11,1% 80 7,533 873 16,482 12,899 23,307								
Do burnt -	195,021 116,511 tonder 16,380 fuhm,	65,839 cwts. 1,918 —	873								
Potatoes	116,511 tonger	! : :	12,899								
Turr	.,		23,307								
II. Produce of the Fishery.	İ	1	1								
Fishery.	10.795 tonder		9,653								
Herrings Pish, saited	10,725 tonder 1,178,932 lbs. 1,680 tonder		9,653 9,284								
Cysters	1,680 totaler		3,024								
III. Produce of the			l								
a. Of Iceland, the		į	1								
Perros Islands		l	1								
and Greenland, exported into	}	1									
Denmark.	4	404715									
Eider-down Feathers for beds	4,763 lbs. 19,566 —	5,247 lbs. 21,538 —	2,143 881								
Feathers for beds Lub-fish } Flat-fish }	2,768,766 -	27,225 cwts.	21,804								
Sheep and lamb	1 * '										
Reinder skins	19,489 — 90,998 — 67,515 — 136,086 —	1::	351 1,063								
lox	67,515 -		15,191 15,303								
Real	8,600 -	: :	1 95								
Tallow ·	8,600 — 845,660 — 16,957 tonder	8,515 cwts.	17,125								
Wool Worsted jackets	16,957 tonder 1,00%,704 lbs.	9,850 cwts.	40,060 22,561								
Worsted jackets	90,299	١	10,160								
Whalebone	8,240 -	81 cwts.	927								
A. In the Island of	1	91 CAR	, sz,								
b. In the Island of St. Croix, ex- ported into Den-	1	!	l								
mark.		1	1 ,								
Sugar	13,381,859 — 390,877 vilr.	131,692 —	188,190 85,013								
	1	Total	3,291,406								
L	<u> </u>	Total	10,281,400								

The approximate value of the mentioned articles is official.

3 R 2

17,711,733 lbs. sugar, and 654,804 gall. rum, owing, it is

aid, to the dryness of the season.

The settlements of Tranquebar and Serampore, in the East Indias, were sold, in 1845, to the East India Com-

East Indies, were sold, in 1845, to the mast india company.

In the years 1835-40 the average increase of the population in Denmark Proper was '88 per ceut., and in the duchies '97 per cent. per annum.

In 1845 Copenhagen had 126,787 inhabs.; Altona, 32,200 do; Flensburg, 16,537 do; Kiel, 13,572 do.

A few days after his accession to the throne, in January, 1848, his present Majesty, Frederic VII., issued an ordinance, declaring his willingness to give a free constitution to all the states subject to his sceptre. But a great party in the duchies was dissatisfied with this offer, and as the king, in March, 1848, declined to comply with their request to have Sleswick embodied in the Germanic Confederation, the insurrection broke out in the duchies.

The new constitutional law of Denmark was passed the 5th of June, 1849. The legislative power is vested in the king and the diet; the executive power belongs to the king. The diet consists of an upper chamber, called Landsthing, and a lower chamber, called Folksthing. The electors of the former comprise all Danes, not cou-

victed of any crime, 30 years of age, excepting demestic servants, persons who have received any provision from the poor rates without repaying the same, bankrupts, and those who have not resided a whole year in the district previously to the election. Under the same limitations all Danes, 25 years of age, are electors of members of the Folksthing. The elections for the Landsthing are indirect, the respect to the description. the Folksthing. The elections for the Landsthing are indirect: its members must be 60 years of age, and pays a direct tax of 200 rbd., or have a next annual incomes of 1,200 rbd. The sittings of both chambers are public. The members of the diet receive 3 rbd. a day each, and this is not to be refused. Every man in good health is obliged personally to contribute to the defence of the country. All prerogatives of nobility and rank are abolished.

aconissed. The schools were attended, in 1847, by 334,000 pupils. The Danish army amounts to upwards of 35,000 mea but in time of peace it is much less considerable, as exceeding 6,000 or 8,000.

The navy consisted, in 1850, of 5 ships of the line, of which 3 carried 84 guns, 8 frigates, 5 corvettes, 4 brigs, 5 war steamers, 83 gunboats, &c.

Finances.—The revenue and expenditure of Decemark and the Duchies, in 1846, were as under:

180,932 2. Ditto of the royal family 577,73 1. Constores and excise 749,585 2. Ditto of the royal family 577,73 1. Constores and excise 749,585 2. Public departments, excusive of the existence 77,693 2. The constant of Erder 7,693 2. The constant of Erder 183,53 183,5	Revenue.	Amount of each of the several Branches.	Expenditure.	Amount of each of the several Branches.
Deduct loss in the exchange of paper meney and small coin 188 2.081.572 1. Interest upon the same - 445.78 2. Payments to the sinking fund - 271.46 2.081.584 2.081.584	1. Woods and forests and other property of the crown 2. Land and house tax 3. Customs and excise 4. Sound toll 5. The canal of Eyder 6. Post 6. Post 7. Explus of Larenburg 7. Explus of the West India Islands 9. Income derived from other property of the Crown 9. Income derived from other property other property other property other property other property other	60x,1595 749,585 221,754 7,693 33,759 26,457 521 65,575	Betablishment of the ting Bullet of the royal family Public departments, exclusive of the customs Army Navy Pendons and allowances Public works Bendons and allowances Army Arm and sciences Ohartical institutions	86,676 57,794 177,007 572,773 118,800 165,345 100,836 39,236 16,679 143,398
Total	Deduct loss in the exchange of paper money and small coin	2,081,772 188	I. Interest upon the same Payments to the sinking fund Surplus of income to be carried over to next year	445,760 271,462 2,009,486 72,104

On the 1st of January, 1847, the public debt amounted to 106,314,520 rix-doll., but in consequence of the war it was increased, on the 1st of April, 1850, to 112,148,570 rixdollars.

dollars.

According to the last census, in 1845, there were in Denmark Proper, that is, in the islands and Jutland, 37,857 poor persons, exclusive of 1,886 inmates of bridewells and houses of correction. In Sleswick and Holstein there were 19,172 paupers, exc. of 763 inmates of bridewells and houses of correction.

We subject from a valuable art, on the agriculture of

We subjoin, from a valuable art, on the agriculture of Denmark that lately appeared in the Morning Chronicle, the conditions of the leases granted on one of the chief baronial estates of Zealand, from the printed form of con-

tract.

"1. The farmer is to pay, punctually at the legal term, to the baron, or his authorized agent, all public and communal taxes, imposts, and prestations due or to be rendered from the farm, by whatsoever name they may be called, which are now or may hereafter be required by law, as well as all personal taxes or impose due from himself or his family, in the same manner as if he were himself the owner of the land.

"2. He is to pay studier of rge, barley, outs, with — rix dollars yearly. If in money, the grain is to be valued at the usube price (lospidathart), the amount to be paid 14 days after the same is declared, and the fixed moves popurant to be made on the list of No-clared, and the fixed moves populared to be made on the list of No-clared, and the fixed moves populared to be made on the list of No-clared, and the fixed moves populared to be made on the list of No-clared, and in a such case the farmer is to deliver the grain at the barron, or at one of the three nearest towns, or on board ship (the sea being close at hand), as the proprietor may determine. The grain to be in good sound marketable condition. The tithes due from the farm are to be paid by the farmer to the legal recipient; those belonging to the proprietor to be paid at the same time as the rest.

from the farm are to be passed at the same time as the those belonging to the proprietor to be paid at the same time as the those belonging to the proprietor to be paid at the same time as the manner that its productiveness shall in no case be impaired, and must therefore follow a determinate plan. He is in no case to allow manner, stray, or bay to go off the farm, or to use any of the finder for finel. Should the proprietor find occasion to complain of unwarrantable restrement of the land, he has the right to appoint a legal variantable treatment of the land, he has the right to appoint a legal variantable treatment of the land, he has the right to appoint a legal variantable treatment of the land, he has the right of the former, with the stipulation against injuring the land before his seys, has treated it unwarrantably; if this should prove so, the proprietor is sutherised to call upon the farmer to desix from this made of acting, as well as to make restriction for the damage which may have been authorised to call upon the farmer to desix from this made of acting, as well as to make restriction for the damage which may have been already occasioned. When the farmer quits the land he is to give it it shall be sown with spring areal. The farmer must not cut turf on the ground outil he has given intrantation to the proprietor.

"4. The farmer is himself to fit the shock of horses, waggensylough, barrows, and other gear; seed-corn and food-corn required for the barn; all which shall be delivered over to him along with the fit belinging under legal begulding. This stock, although it is to remain the property of the farmer, shall not be diminished during

the term of the lease, but shall be preserved on the property dethe whole period, and when the lease passes to acceler, it is as
notified by legal inquisition that the new lease has received stock. The farmer must insure his took against fire, and informs a
proprietor on every occasion of renewing the paticy of insuranthe farm buildings are to be delivered over to the farmer as the saproprietor on every occasion of renewing the paticy of insuranthe farm buildings are to be delivered over to the farmer as the saproprietor on every occasion of renewing the paticy of
the farmer middlings are to be delivered over to the farmer as the
use of the same than the same than the same than the same
buring the term of his lease, the delivered of the proprietor has the same
buildings in good condition, and the proprietor has the same
specing them. If the farmer allow the buildings to sastals injuncspecing them. If the farmer slow the buildings to sastals in
the same than the same second of the proprietor is
titted to have the damages examined by an impossi, and the farmer
shall make them good under pain of legal process.

"5. In case the farmer fall into arrears of rent, tithe, of taxes, and
16 weeks from the day of payment make them good within a tens of
16 weeks from the day of payment make them good within a tens
of the same than the same than the property less and
to make over the farm to another party, and to require the same
to delivered up in conformity with the procognition of the impose.

"5. The farmer is precluded from sporting of any sort; the right
of chase on the ground are reserved to the properties and to those twhom he may grant permission.

"7. The farmer is precluded from transferring the property less
"7. The farmer is precluded from transferring the property less
"7. The farmer is precluded from transferring the property less
of by public succion, and the property less to the form of the succion, and the property of the succion, and the property of the succion of the succion of the succion of

of by public succion, and the proprietor is entitled to resume the ground, on paying the highest bid offered at the succion, within a term of 14 days.

18. The proprietor has priority of claim us the stock and produce the proprietor of rust and taxes by the tensor, and if the claims shall smooth to more than the case by the tensor, and if the claims shall smooth to more than the case by the tensor, and if the claims shall smooth to more than the case by the tensor and the claims shall smooth to more than the case of the tensor and the claims shall smooth to more than the case of the tensor and the claims shall be security to the proprietor and as explained of the tensor and the case of the tensor and the case of the tensor and the case of the tensor and the case of the tensor and the case of the tensor and the case of the tensor and the case of the tensor and the case of the tensor and the case of the tensor and the case of the tensor and the tensor are an indemnity of altered three tensors and the tensor are an indemnity of altered three tensors and the tensor and the tensor and the tensor and the tensor and the tensor and the tensor and the tensor and the tensor and the tensor and the tensor and the tensor and the tensor and the tensor and the tensor and the tensor and the tensor and the tensor and the tensor and the tensor and the

** 11. A fine or acknowledgment of rix dollars is to be paid on the subscription of this contract, but any portion of it may remain unpaid on the tenant engaging to make a yearly payment of eight percent, interest on the sum.
**12. The tenant may sublet two tanders (2) acres) land to be at-

ownt. interest on the sum.

"19. The tenant may sublet two funders (24 acres) land to be attached to one or two houses, in any angle of his ground.

"15. All the costs of transfer, the stamp and registry of the contract, and the survey of the ground on delivery, are to be borne by

DOLLAR, a neat village of Scotland, co. Clackmannan, 12 m. E. by N. Stirling. This village is celebrated for its important educational institution established under the will (1818) of the late John Macnab, Esq., a native of the parish, who appropriated nearly 100,000. for its foundation. It is said in the article DoLLas, in the body of this work, that the institution had not been so successful as might have been anticipated, owing, as was supposed, to defects in its management, which was vested in the kirksession of the par., or rather in the clergyman by whom the kirk-session is nominated. But we are glad to have to state, that this defective constitution has been amended, and that the private act, 10 & 11 Vict. c. 16., has entrusted the goverament of the institution to a body of trustees, comprising the lord-lieutenant of the county and other distinguished individuals. This change has been of the greatest advantage. The institution is now in an efficient and flourishing condition. Notwithstanding the expenditure on the erection of extensive, handsome, and commodious buildings for the different classes, including houses for the principal and masters, and on libraries, museums, a botanical garden, play-grounds, &c., the institution has a capital which produces a free income of from 2,000% to 3,000%. a year, expended in the promotion of its objects. Instruction is afforded, under separate and wellqualified masters, in Latin and Greek; French, German, and Italian; English composition, mathematics, &c. Pupils are thus prepared either for entering on the active duties of life, or for the universities, the Last Linux, &c. Boys colleges, the schools for engineering, &c. This, however, is no very great boon, as the fees are exceedingly low, not exceeding 21s. a year for all the classes a boy can advantageously attend! Good board may be had in the village for 30%. a year or less. The number of pupils is at present above 400; but the attendance will no doubt increase when the cheapness and other advantages of the institution come to be better known.

FRANCE.

CONSTITUTION OF THE FRENCH REPUBLIC, AS DEFINITIVELY VOTED ON THE 4TH NOVEMBER, 1848.

PREAMBLE.

Art. 1. France, in constituting herself into a Republic, proposes to herself, as its object, to march freely in the path of progress and civilisation; to secure a more equitable division of the charges and advantages of society between all citizens; to augment, by the gradual reduction of public charges, the sum of the general advantages, and to cause all to arrive without fresh commotions, by the success of the control of public charges, the sum of the general advantages, and to cause all to arrive without fresh commotions, by the success of the control of the control of the laws, to a higher degree of morality, intelligence, and confort.

Art. 2. The French Republic is democratic, one and indivisible. Art. 3. It recognises rights and duties anterior and superior to the positive laws, and independent of them.

Art. 4. Its dogma is Liberty, Equality, and Praternity. It has for Art. 5. It respects foreign nationalities as it comprehends making is own respected; it undertakes no war from views of conquests, and never employs its forces against the liberty of any nation.

Art. 6. Reciprocal duties bind citizens towards the Republic, and the Republic towards citizens. as its tower his country, to serve the Republic, to defend it even at the expense of his life; to share in the charges of the state in proportion to his fortune; to secure to himself and his family, by his labour, the means of existence, and by care and forefrought to create resources for the future; to concur in promoting the common welfare, by giving fraternal assistance to which govern society, families, and individuals.

Art. 8. The Republic is bound to protect the citizen in his person, his family, his religion, his property, and his labour, and to place within the reach of each the instruction indispensable for all: it is bound, by a fraternal assistance, to assert the assistance of the incered which asserts by provering them employment within the ximits of an extension of the common welfare, by giving fraternal distinct of the recent when are m

who have inaugurated the French revolution, decrees as follows the Constitution of the Republic: —

CONSTITUTION.

CRAFTER I .- OF THE SOVEREIGNTY.

Art. 1. The sovereignty resides in the universality of French citi-rens. It is inalienable and imprescriptible. No individual fraction of the people can attribute to themselves the exercise of it.

CHAPTER IL.-RIGHTS OF CITIZENS QUARANTEED BY THE CON-

CHAFTER IL—RIGHTS OF CITIENS QUARANTERS BY THE COS-STITUTION.

Art. 2. No man can be arrested, or detained in custody, except coording to the prescriptions of the law.

Art. 3. The dwelling-place of each person inhabiting the French critory is an invisibable asylum it is not permitted to any one to exercise within its precincts, except according to the forms and in Art. 4. No citizen shall be deprived of his natural judges; no unmissions or extraordinary courts can be created on any pretext or denomination whatever.

the cases provided for by law.

Art. 4. No citizes shall be deprived of his natural judges; no commissions or extraordinary corts can be created on any pretext.

Art. 6. Shavery cannot exist in any part of the Franch territory.

Art. 7. Each critizen professes freely his religion, and receives from the State, for the exercise of his worship, an equal protection. The clergymen of the creveds recognized by the law have alone a right to receive a salary from the State.

The clergymen of the creveds recognized by the law have alone a right to receive a salary from the State.

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The clergymen of the creveds recognized by the law have alone a right to receive a salary from the State.

Art. 9. Instruction is free the liberty of the press or otherwise. The exercise of these rights has no other limit than the rights or the liberty of the press cannot in any case be subjugated to censorship.

Art. 9. Instruction is free: the liberty of instruction is exercised on conditions of capacity and morality determined by the law, and on conditions of capacity and morality determined by the law, and the conditions of conditions of conditions of morality determined by the law, and the cut of the conditions of the conditions of morality determined by the law, and on the conditions of conditions of the conditions of the conditions of morality determined by the law, and the cut of the conditions of the conditions of the conditions of the conditions of the conditions of the conditions of the conditions of mobility.

Art. 11. All properties are inclosable; nevertheless the State can require the sacrifice of a property for cause of public utility, legally proved, and on payment of a just and previous indemnity.

Art. 12. The confiscation of property can never be re-established.

Art. 13. The Constitution guarantees to all critizens the liberty of the conditions of the count of the conditions, and conditions of the conditions of the co

Art. 16. No tax can be established and levied, except in virtue of a law.

Art. 17. Direct taxes are consented to only for one year. Indirect taxes may be consented to for several years.

CHAPTER III. - OF THE PUBLIC POWER.

Art. 18. All the public powers, of every description, emanate from the people. They cannot be delegated hereditarily.

Art. 19. The separation of the powers is the first condition of a

CHAPTER IV. - OF THE LEGISLATIVE POWER

Art. 20. The French people delegates the legislative power to one Art. 21. The total number of the representatives of the people hall be 750, inclusive of the representatives of Algeria and of the

shall be 750, inclusive of the representatives of Algeria and of the French colonies.

Art. 22. That number will be raised to 900 for Assemblies called on to revise the Constitution.

Art. 23. The election has for its basis the population.

Art. 24. The suffrage is direct and universal.* The vote is by ballot.

allot.

Art. 25. Are electors, all Frenchmen, aged twenty-one years, and enjoyment of their civil and political rights.

Art. 26. All Frenchmen, who are twenty-five years of age, and the enjoyment of their civil and political rights, are entitled to representatives, without condition of property qualification, or

residences. Art. 27. The electoral law shall determine the causes which may deprive a French citizen of the right of electing or being elected. It shall designate the citizens who, exercising or having exercised functions in a department or territorial district, cannot be elected

functions in a department or territornal district, cannot be elected within it.

Art. 25. Every public functionary with a salary is incompatible with the election as a representative of the people. No member of the National Assembly can during the legislature be named or promoted to salaried public functions, the holders of which are chosen as will be the executive power. The exceptions to the two preceding paragraphs hall be determined by the electral organic law.

Art. 29. The provisions of the preceding stricle are not applicable to account the electron of the provisions of the preceding article are not applicable to account the provisions of the preceding article are not applicable to account the electron of the constitution.

Art. 20. The electron or representation circumstances, the canton may be divided into several circumscriptions in manner and on conditions to be decided by the electron law.

Art. 31. The National Assembly is elected for three years, and is renewed integrally. Forty-five days at latest before the end of the legislature, a law fixes the period for the new elections. If no law is made within the delay fixed by the preceding paragraph, the electors assemble in full right on the thirtieth day preceding the end of the legislature. The new Assembly is convolved in full right on the provided in the preceding dassembly terminates.

Art. 30. It is permanent. Nevertheless, it may adjourn to a day.

Art. 30. It is permanent.

terminates.

Art. 32. It is permanent. Nevertheless, it may adjourn to a day
to be fixed by isself. During the prorogation, a commission, composed of the members of the lureau, and 25 representatives, named
by the Assembly by ballot, and by an absolute majority, has the right
of convoking it in case of urgency. The President of the Republic

* But the electoral law of 1850 provides that, besides being years of age, every voter must have resided for at least 5 years in the commune in which he proposes to vote.

9 R 3

has also the right to convoke the Assembly. The National As-numbly determines upon the place of its sittings. It fixes the im-portance of the military forces established for its safety and disposes

them.

Art. 53. The representatives are always re-eligible.

Art. 54. The members of the National Assembly are the resentatives, not of the department which elects them, but of cance.

Art. 31. The members of the National Assembly are the reresearchatives, not of the department which elects them, but of all
rance.

Art. 35. They cannot accept an imperative mandate.
Art. 36. The representatives of the people are inviolate. They cannot be impeached nor arrested, nor brought to trial at any time for
opinions they may have expressed in the National at any time for
opinions they may have expressed in the National matter, unless
Art. 37. The figurants delicts, nor prosecuted until after the Assembly has permitted their prosecution. In case of arrest in flavorable that the same permitted their prosecution. In case of arrest in flavorable that the same permitted their prosecution. In case of arrest in flavorable that the same permitted their prosecution. In case of arrest in flavorable that the same permitted their prosecution. This provision applies to the case of a ciusen who, while in custody, is elected a representative.

Art. 38. Each representative of the people receives an indemnity which he cannot renounce.

Art. 30. Each representatives, fixed by the regulation. Each reresentative has the right of parliamentary initiative, and may execute it according to the forms laid down by the regulations.

Art. 40. The presence of the moisety plus one of the members of the Assembly is necessary for the validity of the vote of the law.

Art. 41. Every urposeds into its asset of universely which cannot are dependent of the case of urgency is preceded.

Art. 42. Every urposeds the forms and intervals, which cannot are defined as a superactive of the case of urgency is preceded.

nitively voted until after three discussions, at intervals, which cannot be less than five days.

Art. 41. Every reposition for a declaration of urgency is preceded by an expect des smotifs. If the Assembly is disposed to entertain the proposition of urgency; it orders it to be referred to the committees, and fixes the sometiment of the proposition of the property of the property of the property of the property of the property of the property of the declaration of the property of the prope

CHAPTES V. - OF THE EXECUTIVE POWER.

CHAPTAR V.—OF THE EXECUTIVE NOWER.

Art. 45. The French people delegate the executive power to a citizen, who reverse he may be a few the executive power to a citizen, who reverse he may be a Frenchman by birth, aged 30 people.

Art. 45. The President of the Republic is elected for 4 years, and is re-eligible only after an interval of 4 years. Neither can there be elected after him the Vice-President, or any relation of the President, in blood or alliance, to the sixth degree inclusively.

Art. 46. The election takes place in full right on the office of the president of the president of the president of the president of the president is to be seen as a president of the presiden

the direct suffrage of all the electors of the French separations are Algeria.

Art. 47. The minutes of the electoral operations are transmitted immediately to the National Assembly, which decides without delay on the validity of the election, and proclaims the President of the Bepublic. If no candidate has obtained more than a moiety of the ex-press suffrages, and at least two milions of votes, or if the conditions imposed by Art. 44, are not fulfilled, the National Assembly elects the President of the Republic, by an absolute majority and the ballot, from among the five eligible candidates who have obtained the greater number of votes.

Act. 48. Refer entering on his functions, the President of the

President of the Republic, by a monoton of the Republic takes the force of the Republic takes the Republic takes before the National Assembly, an early of the Republic takes before the National Assembly an early to the following effect:— In presence of God, and before the French people represented by the National Assembly, I swear to remain faithful to the democratic Republic one and indivisible, and to faithful all the democratic Republic one and indivisible, and to faithful all the democratic Republic one and indivisible, and to faithful all the democratic Republic one and indivisible, and to faithful all the duties which the Constitution imposes on me.

Art. 49. He has the right to cause bills to be presented to the National Assembly by the ministers. He watches over and assures Art. 50. He disposes of the armed force, without having the power of ever commanding it in person.

Art. 50. He cannot code any portion of the territory, nor dissolve not prorque the National Assembly, nor suspend in any manner the suppire of the Constitution and of the laws.

Art. 52. He presents every year, by a message to the National Assembly, a statement of the general state of the affairs of the Republic.

empire of the Constitution and of the laws.

Art. 52. He presents every year, by a message to the National Assembly, a statement of the general state of the starts of the Republic.

Art. 10.4. He negotiates and ratifies treaties. No treaty is definitive unit in the law of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the council of the Art. 55. He has the right to grant pardon, but he cannot exercise this right until after he has taken the advice of the Council of State. Armalistics cannot be granted but by a law. The President of the Republic, the Ministers, as well as all other persons consensed the state of the s

tent Minister, and in the regulating conditions determined by the lar, the secondary agents of the General Control of the secondary agents of the General Control of the secondary agents of the General Control of the last a right to suspend the agents of the executive menths. He cannot dismiss them but with the advice of the Council of State. The law determines the cases in which the agents of dismissed may be declared ineligible to the same functions. Indeclaration of ineligibility cannot be protounced but by a judgment Art. 66. The number of the Ministers and their attractables are fixed by the legislative pure sensident of the Republic, other the case is the sense of the control of the control of the Ministers. Art. 68. The President of the Republic, the Ministers, we of serifice unless they are contentingned by a Minister.

Art. 68. The President of the Republic, the Ministers, we are serificed unless they are contentingned by a Minister. Art. 68. The President of the Government and of the control of the control of the Con

bly increase of the commissioners named by a considered the Republic, chosen is Art. 70. Art. 70. Art. 10. Art.

CHAPTER VI. - OF THE COUNCIL OF STATE.

Art. 71. There shall be a Council of State, of which the ViziPresident shall be by right the President.
Art. 72. The members of this council are appointed by the Notional Assembly for six years. They are renewed the half at a use,
within the first two months of each legislature, by secret bailed, as
by the absolute majority. They are indefinitely re-eligibles.
Art. 73. Such of the members of the National Assembly shall be
clauses from among at a representatives of the people.
Art. 74. The members of the Council of State cannot be discussed
but by the Assembly, and on the proposition of the President of the
Republic.

but by the Assembly, and on the proposition of the President of the Republic.

Art. 75. The Council of State is consulted on the bills of the Government, which, according to law, are to be submitted to as per-vious examination, and on the initiative partiamentary measure which the Assembly may lay before it. It prepares the regulations, wire regard to which the National Assembly has delegated a special as-thority. It exercises, with regard to the public administrations, with the powers of control and superintendence which are coordered on a by the law. The law will regulate its other attributions.

CHAPTER VII. -- OF THE INTERNAL ADMINISTRATION

Art. 76. The division of the territory into departicents, arrendisements, cantons, and communes, is maintained. The presses carcumscriptions cannot be changed but by a law,
Art. 77. There is, 1., In each department an administration composed of a prefect, a council-general, and a council of profescence? & In each arrondissement, a sub-prefect; 5. In each cassins, a contonal council; nevertheless, in cities divided into several cassins, there shall be but one cantend council; 4. In each council administration composed of a major, deputies, and summings

administration composed of a major, organisas, and essentially council.

Art 3. A law shall determine the composition and the attribe Art of the councils general, the cantonal councils, and the mode of nomination of the mayors, and depaute.

Art. 19. The councils general and the municipal councils a elected by the direct suffrage of all the citizens resident in the department, or in the commune. Each canton elects a member of the council-general. A special law will regulate the mode of election in the department of the Seine, in the city of Faris, and the towns having more than 20,000 limbs. Leantonal councils, and the municipal councils, may be dissolved by the President of the Republic, with the advice of the Council of State. The law will a the delay within which a re-election shall take place.

CHAPTER VIII. - OF THE JUDICIAL POWER

Art. 81. Justice is readered granulously in the name of the French people. The proceedings are public, unless in cases when publicity would endanger order, or be injurious to the publicity and, in this case, the tribunal shall declare it by a judg-

Art. 82. The jury shall continue to be applied in cr

Art. 82. The jury shall continue to be appeared a special resistance. The trial of all political offences and of all offences countrited by the press belongs exclusively to the jury. The organic laws shall determine the competency in cases of meant and defination against private individuals.

Art. 83. The jury alone shall decide on the amount of damages claimed for offences of the press.

Art. 85. The jurices of the peace and their assistants, the judge.

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Art. 86. The magistrates filling the functions of public prosections are appointed by the President of the Republic, Art. 87. The judges of pressiers instance and of appeal, the members of the Court of Cassation and of the Court of Accounts are appointed for life. They cannot be dismissed or suspended sub by a judgment, nor placed on the retired list, except for causes not in the forms determined by the law.

Art. 85. The councils of War and of Revision for the land and maral forces, the Martitum Tribunals, the Tribunes of Commerce, the Prud'hommes, and other special tribunals, preserve that pre-

BRANCE.

sent organisation and attributions until they shall have been abroguated by a law.

guated by a law.

guated by a law.

It is a law of the foliation of the court of Casation and of Councilions of the guate and the judicial authority shall be settled by a special tribunal, composed of members of the Court of Casation and of Councilions of State, selected every three years, in equal numbers, by their respective bodies. This tribunal shall be presided over by the Minister of Justice.

Art. 50. The properties of the Court of Accounts shall be extracted before the Jurisdictions of English.

Art. 91. A High Court of Justice tries, without appeal or recourse in casastion, the accusations brought by the National Assembly against the President of the Republic or against the Ministers. It also tries all persons accused of crimes, attempts, or consense the National Assembly shall send before it. Except in the cases provided for by Art. 63. It cannot take compassed in the in virtue of the Mecroe of the National Assembly, which points out the town in which the court shall hold its attings.

Art. 92. The High Court is composed of the opper court, to the decree of the National Assembly, which points out the town in which the court shall had its attings.

Art. 92. The High Court is composed of the opper court, to the number of five, and two amplementary judges. The five judges called on to sit shall select their president. The magistrates performing the functions of public praceutors are appointed by the President of the Republic; in case of the appearance of the Equation of the President of the Republic; in case of the appearance of the departments. The representatives of the propose cannot form part of them.

Art. 93. When a decree of the National Assembly has ordered from amongst the members of the Council Sequent of the departments. The representatives of the President of the High Court of Justice, and in the case provided for by Art. 63, on the requisition of the Fresident of the High Court of Justice, and in the

plementary jurymen drawn by lot by the President of the High Court from amongst the members of the Council-Greeners of the depart-ment. 35. The about juryman who shall rot have produced a rea-sonable excuse shall be condemned to a fine of from a thousand to ten thousand france, and to the deprivation of political rights for not exceeding five years. Art. 95. The accused and the public prosecutor exercise the right of challenge, as in ordinary cases. Art. 97. The verdicts of the Jury, declaring that the accused is guilty, cannot be given but by a majority of two-thirds of the num-ber.

guitty, cannot be given but by a majority of two-thirds of the number.

Art. 98. In all cases of responsibility of the Ministers, the NaArt. 98. In all cases of responsibility of the Ministers, the NaArt. 99. The National Assembly and the previous and the accused
nary tribunals for civil reparation.

Art. 99. The National Assembly and the President of the Republic may, in all cases, refer the examination of the acts of any functionary, other than the President of the Republic, to the Council of
State, whose report is made public.

Art. 100. The President of the Republic can only be tried by the
Art. 100. The President of the Supplication of the National Assembly, and for crimes and misdemessnors
which shall be determined by the law.

CHAPTER IX. -- OF THE PUBLIC PORCE.

Art. 101. The public force is instituted to defend the state against enemies from without, and to secure the maintenance of order and the execution of laws at home. It is composed of the National Guard, and of the land and sas forces.

Art. 102. Every Prenchman, with the exceptions fixed by law, over military services, and that of the National Guard. The power of any citizen of their aims himself from personal military service shall be regulated by the law of recruitment.

Art. 105. The complication of the complete of the constitution of the strong shall be regulated by a law, and deliberate. Such as the constitution of the strong shall be regulated by a law.

Art. 105. The mible force smallest to maintain order at the Art. 105. The mible force smallest to maintain order at the constitution of the constitution of the Strong shall be force smallest to maintain order at the constitution of the c

an deliberate.
Art. 105. The public force employed to maintain order at home nly acts on the requisition of the constituted authorities, according to he rules determined by the legislative power.
Art. 106. A law will determine the cases in which the state of eye may be declared, and will regulate the forms and the efficies of eye may be declared, and will regulate the forms and the efficies of

that measure.

At 107. No foreign troops can be introduced on the French territory without the previous consent of the National Assembly.

CHAPTER E. - PARTICULAR PROVISIONS.

Art. 108. The Lagion of Honour is maintained; its statutes shall be revised and put in harmony with the Constitution.
Art. 109. The territory of Algeria and of the colonies is declared French territory, and will be ruled by particular laws, until a special key places them under the regime of the present Constitution.
Art. 110. The National Amembly confides the deposit of the pre-ent Constitution, and of the right which it consecrates, to the guardianship and patriotism of all Franchmen.

CHAPTER MI. - OF THE REVISION OF THE CO

CRAFTER II.—OF THE REVISION OF THE COMMITTEE.

ART. 111. When, in the first year of a legislature, the National Assembly shall express a wish that the Constitution shall be modified wholly or in part, it shall proceed to that revision in the following manner:—The wish expressed by the Assembly shall not be converted into a definitive resolution until sife rithree consecutive deliberations, each taken at intervals of one month, and with three-fourth of the voice expressed. The number of voices shall be least 500. The Assembly of the converted hall be the state of the convolved by the convolved by the conv

CHAPTER XII. -- TEMPORARY PROVID

CHAPTER XII.— TENTORARY PROFISCIONS.

Art. 112. The existing provisions of the codes, laws, and regulations which are not contrary to the present Constitution, remain in form 115. All the authorities constituted by the existing laws remain in exercise until the promulgation of the organic laws which consern them.

Art. 114. The law of judicial organization will determine the social mode of nomination for the first composition of the new tribunals.

Art. 115. After the vote of the Constitution, the National Constitution Assembly shall proceed to draw up the organic laws, the enumeration of which shall be determined by a special law.

Art. 116. The first election of the President of the Republic shall be proceeded with conformably to the special law passed by the National Assembly on Oct. 28, 1848.

Art. 116. The inst election of the President of the Republic shall be processed with conformably to the special law passed by the National Assembly on Oct. 22, 1848.

GALAXIDI, a sea.-port of Greece, on the W. side of the bay of Salona (an. Cristanus Sinus), an arm of the Gulph of Lepanto (an. Coriathicaus Sinus), 12 m. S. by W. Salona, and 35 m. E. by N. Patras. Pop. perhaps (5000 or 7,000. This town. which is supposed to occupy the size of the ancient (Escathe, is now one of the principal ahipping ports of Greece, and is distinguished by the maritime skill and enterprise of its inhabs. It is built on a rocky peninsula, on each side of which it has a secure port; but unfortunately it has no fresh water, except such as may be supplied by the rains, within a distance of 3 m. Under the Turkth government Galaxidi latterly enjoyed a large share of the trade of N. Greece, and of the opposite shore of the Morea. The wealth that was consequently brought into the town was manifested in the improved houses, the increased numbers, and the more luxurious accommodations of the inhabs. But in the first year of the revolutionary war, (1821), Galaxidi was burned by the Capitan Pacha, and most part of her ships fell into his hands. We are, however, glad to have to state, that she has recovered from this disaster, and is now more flourishing than ever. In 1848 she had 149 registered vessels, of the age, burden of 14,259 tons, engaged in foreign trade; exclusive of a large number of coasting vessels and of open-decked bosts. And during the last 3 years her navigation and commercial importance have considerably increased. The exports, which are not very material, consist principally of oilve oil and oilves, reliow berries, corp., and cotton, of oilve oil and oilves, reliow berries, corp., and cotton, of oilve oil and oilves, reliow berries, corp., and cotton, mercial importance have considerably increased. The exports, which are not very material, consist principally of olive oil and olives, yellow berries, corn, and cotton. The vessels belonging to the port are, like those in most other parts of Greece, generally divided into small shares, which are usually distributed among the crews. This gives them a strong interest in the success of their voyages, and makes them display at once alacrity and enterprise, skill and economy. The shipe of Galaxidi are to be found in all parts of the Levant, and sometimes in the ports of W. Europe. [Onduct! Greece, i.181, Hugker's Greece and Albania, 1. 399., 2nd ed., and next article.)

GREECE. We have borrowed the following details from an able and excellent paper by Mr. Green, British Consul at the Piræus, printed in 1847. It gives by far the best account of the commerce and agriculture of this interesting country that has ever been published; and is

country that has ever oven published; and is eminently deserving of the reader's attention.

Commerce and Shipping.—The principal shipbuilding places are Galaxidi, Syra, Hydra, Spezzia, Skiathos, Courni, and various points on the coast. Two building-yards have also been established at the Piræus within the last year (1846), and several merchant-vessels of considerable burthen have been launched and are on the stocks. The register measurement is by the ton, consisting of forty kilos. In the absence of official returns that can be depended upon, the number, tonnage, and crews of vessels and boats belonging to the Greek kingdom, may be stated approximately in round numbers at 4,000 vessels, measuring 150,000 tons, and employing 30,000 seamen.

Although a vast number of vessels and boats are built yearly, their rapid decay prevents the increase being as considerable as might be ex-pected. There are Greek vessels of between 600 and 700 tons register, and a considerable number between 300 and 400 tons; but the great majority consists of boats of 6 or 7 tons, having a large hatch in midships.

a large hatch in midships.

The principal shipping port is Syra, where 468 vessels are registered. At Galaxidi, also, a great many vessels are registered as engaged in foreign trade; while at Patras, the most important commercial piace of Greece, there are but 2 vessels registered. The Pirmus possesses 198 vessels. Freights both for short and long voyages are usually higher on board Greek vessels than those paid to English shipping, either in the coasting or foreign trade. It is customary for the shipowners to agree with the captain and crew, taking up a certain sum at interest usually secured on bottomy bond, with which a cargo is purchased on ship's account, and the profit divided between the vessel and crew, the latter partitioning among themselves accord-

ing to their special agreements. This is the system on which the Black Sea corn trade has for years been carried on by the Hydriots and Spezziots, and under which the shipping interests of those islands have rapidly advanced. It may, however, fairly be doubted whether their prosperity, owing in the first instance to fortuitous circumstances, and subsequently aided by their activity and economical habits, may not rather have been impeded than advanced by this systems. There is no branch of trade to which the Greeks particularly confine their energies and views; nevertheless Greek commerce may be divided into the following principal great branches: great branches :

great branches:—

1st. The Corn Trade of the Black Sea and Alexandria, including the transport in their own vessels, either under Greek or Russian colours, to the ports of Turkey, Italy, Spain, and France, and speculations on the most extensive scale whenever bad harvests or other circumstances open markets to them. Some idea may be formed of the importance of this carrying trade to the Greeks, from the fact that in Galatz 270 Greek vessels loaded in 1844, besides 104 under Turkish colours, and 98 under Russian, of which the great majority were Greek. At Ibraila, during the same year, 225 Greek, 143 Turkish, and 53 Russian vessels loaded. Yet these ports are insignificant as compared to Odessa

220 Greek, 143 Turkish, and 53 Russian vessels loaded. Yet these ports are insignificant as compared to Odessa and Taganrog; and I only mention them and the particular year 1844, from having the returns before me. 2dly. The exportation of the produce of Turkey, Greece, Egypt, Persia, and Southern Russia, to England, Italy, and France, principally to Loadon, Trieste, and Margellies. The great advantage the Greaks present Italy, and France, principally to London, Trieste, and Marseilles. The great advantage the Greeks possess over foreigners in the purchase of produce in Turkey and Greece, is tast having relatives and connections on whom they can depend for the collection of small parcels in the interior of the country, and at the places of growth, so that they are not imposed upon by their agents, and avoid the profits of middlemen. The Greek trader considers nothing beneath his notice, and will gather together a few bags of rags, or a ton or two of boose and horns, while he is chartering perhaps fifty vessels to load corn and tailow.

and horns, while he is chartering perhaps fifty vessels to load corn and tailow.

8dly. The supply of Turkey, Persia, and Greece, with the cotton and woollen manufactures of England and Germany. The extensive operations of the Greeks at Manchester, where they have their own establishments for purchasing, examining, and packing their goods, attest the importance of this branch of their goods, access the importance of the orders of the commerce. In supplying Persia and Constantinople with the cotton manufactures of England, these partles have almost driven the English out of the market, and defied their competition. This has been occasioned by defied their competition. This has been occasioned by their thorough knowledge of these countries, and by their readiness to execute the smallest as well as the largest commissions of the shopkeepers of Turkey and Greece; while their correspondents open and real the

Greece; while their correspondents open and retail the largest parcels of manufactures in the exact proportions required by the purchasers.

4thly. Banking and exchange operations. This perhaps is the most wonderful part of the Greek system of commerce, and is largely and successfully carried on.

Agriculture and insternal Trade... The land measure of Greece is the strema, equal to about one-fourth part

of an English acre.

No proper survey and register of lands having been made by the Greek government, it is impossible to state correctly what may be the actual extent of the soil cultivated, or available for cultivation. But from private and general information, I am inclined to calculate that and general information, and inclined to calculate that considerably less than half the superficial contents of continental Greece and the Morea is susceptible of cultivation, and that not one-sixth of this in Roumelia, and less than a fourth in the Morea, are now brought into cultivation; the preference being given to such as are susceptible of irrigation from the proximity of springs or streams

streams. Notwithstanding the continual plunder and illegal appropriation of the national lands, at least two-thirds of the cultivated, and four-fifths of the uncultivated, soil belong to the state. The national lands were, previously to the revolution, the property of the Turkish inhabitants, to whom the government has succeeded; and though, as now stated, large portions of them have been embezsled in the interim, they still stand toward private property in the proportion I have mentioned.

The rent levied on the national land is nominally 10 to 15 per cent of the gross produce, but by the convivance and vensity of public functionaries this rent is no doubt reduced in many instances to an almost nominal amount—a circumstance tending to deprive private landowners of remunerating rents, unless they themselves are the immediate cultivators of their property, or that from position, or some other adventitious circumstance, it forms an exception to the surrounding perty, or that non-inspection, or some other accentions circumstance, it forms an exception to the surrounding lands. Money rent, with some trifling exceptions, is unknown in Greece, the system acted on being that worst of all systems, the Mclayer, the landlord receiving.

as reut a certain proportion — usually a third — of the net produce, or for good lands one-half. The lands were has frequently to furnish, besides the land, the seed, and cometimes the oxen for tillage, the expense of whack together with enormous interest, has to be deducted before the division of the profits. The meckayer, without the slightest interest in the soil beyond the season, will neither expend time nor capital on its improvement, while the landlord, it is evident, will never expense capital on ameliorations, two-thirds of the hemselt of which he would be deprived of by his metayer. From these causes (the abundance of national lands and the metayer system) it is hopeless at present to look for any improvement of the very wretched state of agriculture as regards the artible land, the inclosure and drainage of which is never thought of, and its improvement of the province of the growth of barier manure unpractised, except for the growth of barier sometimes th e oxen for tillage, the expense of wh of which is never thought of, and its improvement by manure unpractised, except for the growth of bariety for the green food of hories in the neighbourhood of large towns. The stones never having been removed from the soil are so thickly collected together, that in many spots it is incredible that they can have accussulated naturally, and far more so that man abould expect grain to grow from amongst them.

In spite of such adverse circumstances, the cost of land—for I will not call it its value—continues unaccountably high, and the eagerness of some to purchase seems equalled only by the anxiety of others to retain its possession. Instances continually occur of persons borrowing money at enormous interest to purchase land,

its possession. Instances continually occur of persons borrowing money at enormous interest to purchase land, which it is notorious will not give them a return equal to half the interest they have to pay; while others, whose circumstances are embarrassed, and who maght extricate themselves by the sale of a portion of their lands, continue borrowing from year to year, increasing their difficulties, rather than part with an inch of soil.

The present price of arable land in Attica is froms 10 to 30 drachmas the strema, or 28s. to about 3s, per acre for notoriously the worst land in Greece. In the plain of Arson, 100 to 120 drachmas the strema, or 14s. to 13s.

to 90 drachmas the strems, or 28s. to about M. per acre for notoriously the worst land in Greece. In the plain of Argos, 100 to 120 drachmas the strems, or 14t. to 18t. per acre, is given. Vineyards in full bearing in Artica sell for from 400 to 500 drachmas per strems, or about 60t. per acre. Currant plantations in the Morea, in full bearing, are valued at 1,000 to 1,200 drachmas per strems, or about 18tt. to 160t. per acre.

M. Thiersch writes in 1833, "The Ragency will find in Greece about 120,000 landed proprietors." Calculating each family to consist of five individuals, this gives an agricultural population of 600,000 sculs, or about two-thirds of the population, which is probably the correct proportion: almost without an exception, exclusive of the strangers in Athens, the shopkecpers are landed proprietors, and also engaged in agriculture. The dwellings of the peasants more resemble barns or stables, both in their interior arrangements and external appearance, than human residences. They cast an appearance of poverty and misery over the face of the country, in reality not existing among the agriculturists in any further degree than is derived from their ignorance of the comforts of civilised life. The walls are built of materials of every form and size, from the enormous corner-stone of an ancient temple, or the frazements of a marble column or agate, to the nebble want are being on macristone of an ancient temple, or the fragments of a marble column or statue, to the pebble of the brook and the minute pieces of tiles and pottery with which the sites of all ancient cities shound. These with which the sites of all ancient cities abound. These are held together by mud, which having a continual tendency to return to its native earth, ether in a liquid or pulverised state, generally leaves the harder formations to stand in bold relief on the surface. The walls are about seven or eight feet in height, and extend in a long straight line, in which a low door way, four feet high, is rendered less convenient by an elevated sill the whole width of the wall. The window or windows are proportionally diminutive, and are closed by shutters seldom opened, as glass casements do not exist even in the generality of provincial towns. The light of day is thus most frequently obtained from the doorway alone. The absence of all paint from the woodwork adds to the miserable appearance of the whole. The roofs are either slightly sloping and covered with tiles, or (which is not so usual) are flat and terraced. The farm-houses and villages are still frequently built with some attenthe miserable appearance of the whole. The roofs are either slightly sloping and covered with tiles, or (which is not so usual) are flat and terraced. The farm-houses and villages are still frequently built with some attention to military defence, in elevated positions, presenting a blank wall to the exterior, pierced with loop-holes for muskery, and the doors and windows turned towards a closed yard, into which the flocks are driven at night. Property and life, indeed, is more insecure in Greece than in any other country in Europe; so that isolated cottages are seldom to be seen, the peasants uniting for mutual protection in villages frequently of considerable size, and preferring the daily loss of several hour; in proceeding to and returning from their labour, to residing on their lands at the imminent risk of being attacked by Klephti.

The interior of the dwellings are even less inviting than their exteriors. In the immediate vicinity of the hearth, the family eats and sleeps on the bare ground, or in some instances elevated from it by a few planks,

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on which they lay their mats and extend themselves in their clothes at night. A few painted boxes contain all their riches; a small picture of the Virgin or some saint hangs in a corner, and the only light, a miserable lamp, is kept burning before it. At night the oxen are driven in to take their rest by the side of the family, and beyond them the winter's stock of grain and straw is carefully piled up. The wind whisties through the crevices of the ill-covered roof, and the fowls roost on the smokepiled up. The wind whistles through the crevices of the ill-covered roof, and the fowls roost on the smoke-blackened beams. Pack-saddles, agricultural instruments, and some scanty household stores fill up the picture. The houses of some of the small landed propicture. The houses of some of the small landed pro-prietors are, however, superior to this, and some even consist of two stories, when the staircase or steps are invariably on the outside of the house.

The close resemblance many of the agricultural pro-cesses of the modern Greeks bear to those described by Hesiod, has not falled to attract the notice of successive

writers. The simplicity of the construction of the plough, formed of a single shaft and handle, and without wheels, is peculiarly calculated to fix attention.

When, grasping first the handle of the plough, O'er thy broad oxens' backs thy quickening hand With gentle stroke lets full the ponding wand; A boy should tread thy steps; with rake o'eriny The buried seed, and scare the birds away.

These are the instructions of Hesiod, and they are still usually attended to. Frequently three oxen belong to one plough, so that by allowing one to rest and ruminate, the labour can be continued more advantageously. Each the labour can be continued more advantageously. Each ploughman has also an ass, on whose back he carries the plough to and from labour, and which animal is so indispensable as to be free from the cattle-tax. In consequence of the periodical rest it is necessary to allow the oxen for their food and rumination during the day, it is not an unfrequent case that a favourable state of the soil will be taken advantage of by the agriculturists to continue their labour at times during moonlight nights. The cost of a yoke of oxen is from 12t. to 1st. The usual period of ploughing and sowing is during October and November for barley, and December and January for wheat.

The usual period of ploughing and sowing is during October and November for barley, and December and January for wheat.

In Attica the corn harvest is almost a month earlier than in other parts of Greece, and is generally over by the commencement of June. The corn is cut with sickles, laden in small sheaves on the backs of donkeys, mules, and horses, and carried to the aloula, or threshing-floors. These are usually in the outskirts of towns or villages, a good hard plece of ground being selected, while others, where the soil is light, are regularly paved in a circular form. They are generally in an exposed situation for the advantage of winnowing. Around the aloula, the corn of the whole district is piled up, each individual remaining to guard his own, night and day, during several weeks, and may be months, as September has frequently arrived before the corn has all been threshed. The corn is threshed by beating it out with the hoofs of horses rapidly driven over it. The owners of the horses are entitled to 4 per cent. of the produce for their trouble. Oxen are also employed, but not so frequently as horses. When the corn is sufficiently trodden out, the whole is gathered up in large heaps near the threshing-floor, and on windy days the winnowing takes place by throwing up the amalgamated corn and straw (which is frequently cut by drags drawn by the horses), with wooden shovels, the straw bus cut into pieces, and containing a great proportion of dust, forms the principal food for horses; lay being seldom used, and always considered unwholesome from the coarse nature of the grass and other causes.

the coarse nature of the grass and other causes.

The quality of the corn grown in Greece varies much in different districts. The wheat of the plain of Thebes is considered to be the best produced in the country, and the barley of Attica is preferred to that of other provinces.

provinces.

In Athens the average price of wheat during the hine years (ending with 1846) has been 27 leptas per oke (24s. per quarter), the highest price paid having been 36 leptas per oke (45s. 3d. per quarter) in February 1839, and the lowest price 20 leptas per oke (25s. per quarter) ha August 1842. The average price of barley quiring the same period was 18 leptas per oke (22s. 6d. per quarter), the highest price having been 30 leptas per oke (13s. per quarter) which is the usual price of barley in the middle of June each year, when the new crop is brought to market, unless the harvest should have proved a bad one.

the new crop is brought to market, unless the harvest should have proved a bad one.

The islands of the Archipelago grow about one-third of their consumption, and the rest of Greece produces generally more than the consumption, with the exception of such as is required for the finer kind of bread generally baked by the town bakers, and that used in the manufacture of pastes, such as maccaroni, &c., of which much use is made. The majority of families make their own bread, so that the bakers only supply

the floating population, bachelors, and small families. A certain quantity of Black Sea wheat is used to mix with and improve the quality of the Greek wheat. Exwith and improve the quality of the Greek wheat. Except in the event of an unfavourable harvest, the peasants of the Roumella and the Morea produce more than sufficient grain for their own maintenance and for that of the poorer classes in the towns. The Greek wheat is generally, owing to quality, 3 leptas per oke (4s. per quarter) cheaper than that of the Black Sea. A considerable quantity of wheat grown in Greece is also consumed in the Ionian Islands, the agriculturists of which cultivate the Greek soil opposite their respective islands, and carry the remuneration of their labour to the islands in corn. Foreign barley, especially that of Egypt, is considered inferior to that grown in Greece.

in Greece.

Maize, or Indian corn, called in Greece kallams bókkia, is extensively cultivated in the Morea and in Western Continental Greece. It is generally sown where the fields can be irrigated, a process almost necessary for this crop, except where the rains continue late in the season, as is the case in the Upper Mountain districts. Maise may also be seen growing in all parts of Greece in small quantities in the vineyards and gardens. The return is generally calculated at about thirty or forty to one. It is reduced to flour, and formed into cakes or loaves, the principal food of the peasantry in many districts.

The grinding of corn in Greece is effected by four powers — wind, water, horse, and women. In each case the least possible ingenuity or knowledge seems to guide the various processes. Windmillis are most numerous in the islands of the Archipelago. Water-mills are numerous, or almost innumerable, in both the Morea and Roumells; and the former existence of several thousands can be traced by the remains of aqueducts in favourable situations. Many of these mills now in repair grind but sufficient corn for a few families, and some are not capable of producing more than a couple of bushels of flour in a day. In the larger towns mills turned by horses are prevalent; and in the villages hand-mills consisting of two stones about two feet in diameter, turned by a simple handle, by two women. The grinding of corn in Greece is effected by four

women.

The scarcity of water, the natural aridity of the soil, and the deficiency of rain in summer, have tended in all times and ages to make the property of water in Greece be considered of the greatest possible importance. The quantity of water falling in the year cannot be estimated at less than forty inches, especially on the southern and western coasts. A part of this enormous mass of water flows directly to the sea by the beds of the torrents and the abrupt cliffs or slopes, with a rapidity which tends greatly to increase the nudity of southern and western coasts. A part of this enormous mass of water flows directly to the sea by the beds of the torrents and the abrupt cliffs or slopes, with a rapidity which tends greatly to increase the nudity of the mountains. The right of irrigation by means of the rivers, streams, and springs, is regulated by laws and customs of ancient date; and the tenure of water is secured by titles as binding as those of land. This may be easily understood in regard to property in the vicinity of large bodies of water; but when it relates to a certain proportion of a small source, to be brought a considerable distance for a fixed number of hours; and when it is added that this right may be disposed of together or separate from the land to which it is at the time attached, and that it is transferable by sale or mortgage, the subject becomes one of which the extreme complication is only equalled by its vital importance to landowners. In this manner the Cephissus is now, as in the time of Sophocles, employed in the irrigation of the gardens and vineyards of the plain of Athens. It is made to branch off in hundreds of directions, and its wanderings are directed by functionaries under the title of Potomarchs and Nerokratis.

The right of individuals to the waters of the Cephissus for irrigation ceases on the 26th of October, the Feast of St. Demetrius, after which it is government property for six months. The government then farms it to persons, who sell it by the hour to those who require it. In April the water again becomes private property, according to the various title-deeds. Even in winter as much as 20 drachmas (14a. &d.) per hour is sometimes paid for the stream, which consists of a body of water two or three feet wide by a foot or eighteen inches in depth. In certain situations a small building is erected, like a miniature chapel, and called a bouboutistrs. In it the channels of some streams are regulated, and being thus arranged (that is to say, some opened and others closed, or partly open and closed), the door

channels by banks and ridges formed by the earth; and the water is admitted and regulated by the cultivators, who open and close the treuches with mattocks and their feet. Such grounds, gardens, and vineyards as require irrigation, and are not entitled to the supply of require irrigation, and are not entitled to the supply of a natural stream, are watered by means of the machines for raising water common to most countries in the Rast: it is called a dolapi, and is the usual wheel for raising buckets attached to double ropes turned by means of horse-labour.

The growth of the vine and currant plant forms a separate feature in the agriculture of Greece, for the owners of vineyards and currant plantations usually attend to their cultivation themselves, hiring day-labourers for each process. The vine is cultivated extensively throughout the whole kingdom. The growth of the currant is mostly confined to the northern shore of the Morea, bordering on the Gulf of Lepanto; though of

Morea, bordering on the Gulf of Lepanto; though of late years extensive plantations have been made near Nauplia, Pyrgos, and Missolonghi.

The great disadvantage of the Metayer system becomes doubly evident in Greece, in the contrast afforded by the cultivation of the vineyards as compared to that of the arable lands. While the latter are neglected, the former present evidence of the care bestowed upon them. They are frequently inclosed with walls, lences, or hedges; they are drained, well dug, freed from stones, weeded, and manured.

Among the means of inclosing vineyards may be men-

weeded, and manured.

Among the means of inclosing vineyards may be mentioned the mud fences, especially used in Attica. These fences are formed of the soil, trodden down in its natural state, within a wooden frame-work, which is afterwards state, within a wooden frame-work, which is afterwards removed, leaving the earth standing alone, formed by this means into a species of unburnt brick, about a foot and a half in thickness by four feet in length and height. Some brushwood is placed at the top (kept in its place by a few basketiuls of earth), which, spreading out on each side, prevents the rain from reaching the sides of the fence, which will last for ten or fifteen years. This economical method of inclosing lands, the cost of which is only 20 leptas, or less than 2d., for each four feet plece, is an excellent substitute for a wall, and more easily obtained in most situations than a hedge.

The vinewards are principally cultivated during January

e vineyards are principally cultivated during Janu-The vineyards are principally cultivated during January and February, and the grapes are gathered in September. A small tank is usually built on the spot, where the grapes are trodden out by men standing on a plank over this simple wine-press. The juice is drawn off at once, put into skins, and sold to the dealers, or filled into casks by the proprietors, when it is allowed to ferment. A larger or smaller quantity of liquid rosin is put into the cask, which gives the wine so strong a flavour as to take away the breath of a person unarcusis put into the cask, which gives the wine so strong a flavour as to take away the breath of a person unaccustomed to it; such, however, is the force of habit, that the generality of Greeks prefer this taste imparted to their own wine to that of the most expensive growths of France and Spain — indeed, I have even known foreigners become very soon accustomed to it, and declare their partiality to it. We may thus account for the Thyrsus of Bacchus, which represents the apple of the fir-tree, from whence the rosin is extracted, and which was amalgamated by the ancient Greeks with the wine, as it is by the moderns. The islanders of the Archipelago, however, are not in the habit of mixing rosin with their wine, the quality of which is superior to that produced on the continent.

It may be stated that the art of expressing and fermenting the juice of the grape is completely in its in-

It may be stated that the art of expressing and fermenting the julce of the grape is completely in its infancy in Greece, and that no attention whatever is paid either to the quality of the grape, or the method of attending to its fermentation. The cost of the Musto, the name given to the julce of the grape as just extracted from the fruit, is about 25 to 30 leptas the botza in Attica, which is equal to about 4d. per imperial gallon—a price owing to the proximity of the Athens market; for at Arakova on Parnassus, wine is sold at 10 leptas the oke, or about 24d. per gallon; and in the districts of Tasakona and Tripolitisa the prices are even lower. It is seldom that any wine remains over from one year to another.

one year to another.

The vineyards and current plantations are cultivated with the hoe or mattock. A vineyard having to be dug with the noe or mattock. A vineyard naving to be dug up, a dozen or sixteen men are hired. One, generally the best workman, commences digging a ridge; when he has advanced a few feet, the next labourer com-mences the next ridge, and so on, each in his own ridge, and at regular distances from each other, pro-ceeding across the vineyard, under the immediate eye of the proprietor or superintendent.

The yearly expenses of cultivating a strema of currents is about 55 drachmas, or 2/. The average produce may be calculated at about 3,500 lbs. English for five stremas, though some land produces even more than 1000 lbs. per strema. At the average production, the cost of producing 1000 lbs. of currants will thus be 78 drachmas, or 6s. 3d. the cwt.

The selling price of currants in the Morea averaged, for the crop of 1844, 42 Spanish dollars per 1000 iba... or 50s. per cwt., free of all tax and duty, as both these items are paid by the merchant on exportation. In 1843, the price was as low as 22 dollars per 1000 iba... or 14s. the cwt.., but even this afforded a handsome profit to the growers; while in 1846, the average price may be said to have been 52 dollars, or 25s. 3d. per cwt. A strema of currants in full bearing, I have said, is worth 1200 drachmas; but the price varies very much with account or currants in full lossing, I have said, is worth 1200 drachmas; but the price varies very much with the prospect of high or low prices for the produce. A new plantation does not produce sufficient fruit to pay new plantation does not produce sufficient fruit to not the cultivation until the sixth year, nor is it in fell baring until several years later.

The cultivation and drying of currants are subject to so many adverse circumstances.

The cultivation and drying of currants are subject to so many adverse circumstances from the state of the so many adverse circumstances from the state of the weather, that the production of this fruit in the state in which it is exported is at all times of a precarious nature; and the total quantity likely to be warehoused in the Morea and Ionian Islands can never be calculated with any certainty. Frost, or cold weather, or a high wind, in the spring, may cause the blossoms to decay; locusts and blights may destroy the fruit is nummer; rain and great heat may cause it to fall from the plant, when nearly ripe. But the greatest danger to which it is exposed is from the rain, after it has been cut and laid on the ground to dry. For this operation ten days of fine weather are required during the month of August; and unfortunately for the proprietor, this is the season of thunder-storms all over Greece, and especially in the neighbourhood of the Gull of Lepanto. month of August; and unfortunately for the properietor, this is the seaton of thunder-storms all over Greece, and especially in the neighbourhood of the Gulf of Lepanto. It is, therefore, seldom that the entire crop is boused without injury; and though generally the rain-damaged fruit is mixed with the sound, and passed as such, if the damage has been very considerable or general, the fact cannot be disguised. A trifling rain does not affect the fruit much; but if several showers or very heavy rain descends upon it after it is cut, it gives it an appearance and flavour which cannot be mistaken. The fruit, after being dried, is winnowed from the stalks and dirt, loosely shovelled into sacks, and carried to the warehouses, which are principally at Patras and Vostizza. The early shipments are frequently not housed at all, the currants being received and packed by the merchant from the mules' backs, as they arrive from the country, a great disadvantage to the fruit, which undergoes a fermentation in the warehouse during the first twenty or thirty days, after which only it obtains the bloom which is so much admired. The first shipments of new fruit are generally made towards the end of August.

The steel produce of currants in Greece and she of August.

The total produce of currants in Greece and the Iouan Islands in 1845, and the countries to which they were shipped, will be seen by the following state-

				Morea Crop.	Islands.	Total.
To Great Britain Holland and ports of I Belgium France Trieste and Venice New York	North (German	v :	Tone. 7,845 206 	Tons. 7,606 2,037 293 216 65 136	Time. 15,451 2,943 293 216 367 136
			- 1	8,573	10,353	18,926

In consequence of the cheapness of labour and the superiority of the soil in the Morea, the cost of production there is considerably less than in the lonian Islands, and it will consequently be in those islands that the over-production, if it take place, will be soonest felt. In the Morea alone, above 40,000 stremas, or 10,000 acres, of this plant are now under cultivation.

Figs are cultivated in every part of Greece with great success, but it is in the neighbourhood of Kalamaza, in the districts of Androus and Nisi on the Panisus, that

success, but it is in the neighbourhood of Kalamañ, in the districts of Androuss and Nisi on the Pamisus, that they are produced in large quantities, dried, and exported. Of late years more attention has been paid than formerly to the preparation of this fruit for foreign markets, and a very considerable quantity has found its way to England, packed in cases, whereas formerly these figs were all strung on reeds and formed into chaplets weighing about 24 lbs. each, as is still the case with such as are required for home consumption, and for other markets. The Kalamata figs are sent to Patras for shipment to England or to Smyrna, from whence they are shipped as the superior produce of that place.

whence they are surgress.

The nomade and quasi-nomade tribes which wander about Greece mostly belong to the Blakh or Wish (Wallach) nation, which has for seven or eight centuries inhabited the central range of Mounts Findus and Olympus. There are, however, numerous other pastoral inhabitants of the Morea, who may easily be confounded with the Blakhs, but who are neither perfectly nomades,

GREECE.

having their fixed summer residences on the mountains, built of stone, nor do they speak the Blakh lan-

I can conceive nothing more picturesque than a community of Blakhs in its progress of migration. The nu-merous flocks of sheep, goats, and horned cattle, grazing on their way, the boys acting as whippers-in on the outskirts, and now and then throwing their crooks at stragglers; all the bipeds of the party mounted on asset; the women spinning, and the smaller children stowed the women spinning, and the smaller children stowed away in huge coppers used for boiling the milk, or in the wooden troughs for making bread; a shrill pipe blown by one of the party; and the flerce dogs ready, as usual, for an attack. Their tents are made of a coarse dark-coloured tissue of goat's hair, and are usually pitched under some evergreen oaks, on the branches of which hang the bags of fresh cheese and butter. Near the tents the milk will be seen boiling for the manufacture of these articles: and close to the encampment, the fold. tents the milk will be seen boiling for the manufacture of these articles; and close to the encampment, the fold, constructed of rough stones or brushwood. On some elevated rock, watching the cattle and sheep, will be perceived, standing as unmoved as a statue, a Blakh, leaning on his strange-looking musket, his silver-nilted pistols peeping from beneath his grey capote. The no-made women emulate or rather surpass the men in every act of labour requiring strength or exertion, a quality belonging to the whole female portion of the Blakh nation, as does also the reputation they enjoy with that of undoubted chastity and honour, of unmitigated ugliness. Their costume bears some resemblance to that of the Albanians, but is far more wild and singular in its appearance. Though innumerable laws have been promulgated to regulate the movement of these hordes, and pearance. Though innumerable law have been promulgated to regulate the movement of these hordes, and though the rights of private property are more or less enforced and respected, the proceedings of the shepherds, a body of men estimated by the government to amount to about 27,366, are based upon lawlessness and encouraged by impunity. To obtain pasturage for their flocks, they habitually set fire in the summer and autumn to the brushwood and even forests; the confiagrations of the latter having in 1844 surpassed those of all previous stater having in 1844 surpassed those of all previous years, and having been carried to an extent which, if not checked, in a few years will leave every mountain in Greece as bare of vegetation and even soil, as Hymettus

Greece as bare of vegetation and even soil, as hymettus and many others.

The object of the shepherds, though temporarily successful (the ashes of the branches and leaves washed into the soil by the heavy rains forming a manure which causes a tender and abundant crop of grass during the ensuing summer), by continual repetition destroys the germ of all vegetation, and the soil, no longer held together by the roots of the trees and bushes, is washed by the torrents into the plains below.

The sheep and goats are frequently, if not usually,

by the torrents into the plains below.

The sheep and goats are frequently, if not usually, herded pell-mell. The flocks of the Blakhs are watched by themselves; those of the Morea are mostly the property of the agriculturists, who confide them to the care of shepherds. Messenia and Arcadia are the two truly pastoral provinces of the Peloponnesus. The flocks seldom consist of more than 600 or 700, and are usually such leaves they are a number of the 100 pages, they much less. Four rams are sufficient for 100 ewes; they are put together in the latter end of July, and the lambs are put together in the latter end of July, and the lambs are dropped in December and January. A ewe gives about a pound of milk twice a day until June, then once a-day till July, when they are only milked occasionally. All the preparations from the milk made in Greece are entirely different in appearance to anything of the same nature seen in England. The butter is white and is similar to lard, and is packed in skins. The cheese is also white, and generally very much salted, and extremely hard. There are several other preparations from milk, such as mistihra and yaourt; the latter, which is said to have been a Tartar invention, brought into Greece by the Turks, is made by introducing a piece. into Greece by the Turks, is made by introducing a piece of leaven of bread prepared with lemon juice into boiling

into Greece by the Turks, is made by introducing a piece of leaven of bread prepared with lemon juice into boiling milk; and on future occasions a cup of the old yaourt forms the best leaven. Yaourt is very extensively consumed in Greece during the spring and summer.

The sheep-shearing takes place from April to May, and the animals are not previously washed. The flocks occasionally suffer greatly from a disease called the plague, or euloghia.

The production of olive-oil is one of the many sources of wealth of the Greek agriculturists and landowners. The numbers of olive trees in bearing may be calculated at about a million; and being indigenous in Greece, they are to be met with in a wild state in every direction. The wild olives are grafted; but the expenses attending the process of clearing the soil, and the length of time clapsing before any return can be obtained for the requisite outlay of capital, prevent any rapid increase of this branch of agriculture. In Greece, as in Spain and in Southern Italy, the olive tree produces but in alternate years, it is said, owing either to the olives being allowed to fall from the trees, or to the gathering being put off too long, generally to December, while at Alx, where the olive harvest takes place in November, it is

annual. The fact of the uncertainty that always exists as to the next year's crop may perhaps thus be accounted for. The trees are in many places well dug up and irrigated, but are still generally much neglected. It is calculated that there are eight or nine varieties of the olive in Greece. The oli is extracted in the rudest manner, after which it is either run into cisterns or jars; manner, after which it is either run into cisterns or jars; and as these are far from sufficient to contain the produce of an extensive crop, the olives are saked to prevent their spoiling, until a quantity of oil has been got rid of by exportation. The quality of the Salona and Kalamata oil is considered superior to that of the Ionian Islands. A great consumption of olive oil takes place in Greece, none other being burnt for lighting, besides which it is generally used in food and cookery. The principal oil districts are Kalamata, Mistra, Lendid, Marathonisi, Coron, Salona, Corinth, Megara, and Athens. The price of oil, as pald to the peasants, generally averages about 90 leptas per oke. There are 48 okes to a Venetian barral, equal to about 15 to 16 gallons.

Silk is produced in most parts of Greece, and the climate affords facilities for an unlimited extension of this branch of industry. The neighbourhood of Kals-mata, and the south of the Morea generally, is par-ticularly adapted to this art. The house of almost

math, and the south of the Morea generally, is particularly adapted to this art. The house of almost every pensant is partly given up to the rearing of the worm. The eggs or spawn are nestled in the breasts of the women within their clothes; and the worms hatched in the spring are plentifully supplied with the young mulberry leaves then shooting.

The cocoons are placed in the sun, and the worms become killed by the heat. The operation of winding off the silk from the cocoon was, and is still generally, carried on in the manner practised at Brussa and in other parts of Turkey, the silk being less evenly spun in Greece than at Brussa. In 1826, however, some Greek merchauts, among whom were some who had long resided in the silk-producing districts of latly, obtained a species of monopoly from the government, and established Italian workmen and their families in the south of the Morea and at Andros, for the purpose of improving the mode of production. These at once pronounced that the quality of the silk was quite equal, if not superior, to that of their own country, and the produce of their labour proved the correctness of their assertions. The improved system of working, which assertions. The improved system of working, which secured to those who chose to adopt it double and treble secured to those who chose to adopt it double and treble the prices to which they had been accustomed, spread rapidly among the Greek peasantry, who broke down the barriers of former ignorance and prejudices, and laughed at the monopolising edicts of their governors. A few years' experience has firmly established this new source of industry on an extensive and firm basis, which source of industry of an extensive and Irm basis, which promises to open to Greece a lucrative and increasing trade. The average price of Greek silk spun in the Italian fashion, is about 15 per cent. under that of good Italian silk. An establishment for winding silk on the improved principle exists at the Pirzeus, and I understand that in Turkey also the example shown in Greece but the property of the property has been followed

Cotton is cultivated in Greece to a considerable extent, although not forming an important item in the

contour is currented in Greece to a considerator attent, although not forming an important item in the exports of the country, owing to its extensive consumption by the peasantry in the manufacture of their own clothes. The best land is chosen for this purpose. The seed is soaked in water for several days before sowing, which process takes place at about the same season, and in the same manner, as maize.

The cultivation of madder, which, previous to the rerolution was carried on to some extent in the plain of Athens and other parts of Greece, has within a few years attracted the attention of the Greek agriculturists, and will no doubt soon form a most important branch of the export trade of Greece. The neighbourhood of Chalcis and the north of Eubea seem likely to become the districts for this cultivation. The roots are allowed to remain in the soil four or five years, and both in size and colour those of the Greek plant are considered of first-rate quality.

and colour those of the Greek plant are considered of first-rate quality.

Tobacco is principally cultivated in the plain of Argos, where the quantity produced generally amounts to about 12,000 cwt. Lévadea and Kaiamata also produce this plant to some extent. The quality of that produced at Lykureo, between Naupila and Epidaurus, is much esteemed in Turkey, and was formerly sent to the seragilo of Constantinople. Besides what is consumed in Greece, a considerable quantity is exported mostly to Tunis and Egypt, and of lats to France on French government account. The price paid to the farmer varies from 60 leptas to 2 drachmas per oke. The cultivation is free and unrestricted by government enactments. enactments

Besides these principal articles of agricultural pro-duce, may be mentioned some of less consideration, but which are, nevertheless, produced to a considerable extent, either for home consumption or for exportation.

Among these may be noted hemp, flax, and linseed, frequently very extensively grown in the plains of Archais and Elis; opium, the cultivation of which has been lately introduced near Naupila; kidney-beam wardware, which are much eaten during the long Lents by the lower orders; almonds, oranges, lemons, citrons, quinces, and melons; the latter cultivated in fields.

quinces, and meions; the latter cultivated in fields.

First among the natural productions requiring from
the hand of man but the trouble of collecting, may be
classed Valonea, the cup of the accorn of the Quercus
Regiops, used as a powerful astringent in tanning and
dyeing. These cashs grow in considerable forests in the
retain and the contraction of the Contraction of t classed Valonea, the cup of the accorn of the texercus Egilops, used as a powerful astringent in tanning and dyeing. These oaks grow in considerable forests in the neighbourhood of Marathonist, Cape Paps, Dragomestri, and also in Attica, the Island of Zea, and other parts of Greece. It is now principally exported from Drago-mestri and Patras for England, and from the other places to Italy. It is divided into three qualities, ca-mada, messo-camada, and grossa. The camada, which is the most esteemed, is the acorn gathered before it opens to allow of the growth of the nut. The mezzo-camada is the younger and better cups of the acorns, and the grossa is the inferior. That shipped to Eng-land is generally formed of the three together, and of later years the quality of the Greek valones has been approved of. It is generally shipped from Janu-ary to March. The quantity produced is very consider-able.

Another species of oak, the Guercus coccifera, a kind

Another species of oak, the Quercus cocciera, a kind of holly, grows in large quantities on Mount Taygetus, and on all the mountains of the eastern coast of the Peloponnessus. This plant produces the insect known Peloponnessus. This plant produces the insect known as Kermes. The insect in the process of drying assumes the appearance of a small brittle berry partly filled with powder, and various incorrect notions on the subject have been held from time immemorial; some considering it to be caused by the puncture of a particular kind offy, while others have supposed it to be the berry of the plant. It is now entirely used in dreing the red Tunis caps worn by the Giçeks as well as Turks. It is exported from Nauplia direct to Tunis, and sometimes also to Constantinople and Alexandria, where of late years the manufacture of caps has also been carried on. The quantity gathered by the peasantry sometimes amounts to 15.000 okes.

to 15.000 okes.

The dried leaves of the lentisk, under the appellation of skind philo, are used in Greece and the Levant by the tanners. The leaves are reduced to powder in a mill, then sifted, and mixed in about equal proportions with valones. In consequence of some of this powder having been sent to Trieste, where it was sold and purchased as shumack, a cargo of it was prepared and sent to London, where it was pronounced to be of such inferior quality as to be almost useless. It was sold at a price which did not pay the freight and other expenses, the first costs and charges being also a total loss.

The fustic which is exported from Patras and Vostizsa, and forms the dunnage of the currant cargoes,

tizzs, and forms the dunnage of the currant cargoes, known in commerce as Zante or young fustic, is a species of shumack quite distinct from old fustic, which is a

of shumack quite distinct from old fustle, which is a large American tree.

Turpentine is obtained in large quantities from the extensive pine forests of Mount Cithæron and other districts. At the bottom of each tree a kind of step is cut with an adse, the bottom of which is scooped out as a cup, the bark of the tree above this step is wounded afresh each year, and the turpentine flows down freely. The cups are emptied from time to time by the peasants. Owing to the rough way in which this process is nex-Owing to the rough way in which this process is per-formed, many trees are destroyed, and most of them injured, as frequently the whole circle of the bark is chipped off. The rosin obtained from these trees is that chipped off. The ros mixed with the wine.

Among the minor articles of natural produce may be mentioned gum tragacanth, chestnuts (forming almost the sole food of the inhabitants of some districts), and

mentioned gum tragacanth, chestnuts (forming almost the sole food of the inhabitants of some districts), and timber, both oak and fir, still amply sufficient, in spite of waste, destruction, and mal-administration, for the extensive ship-building of the Greeks.

The principal places of trade in the kingdom of Greece are Syra, Patras, Kalamata, and Raupiia; while Hydra, Spessia, and Galaxidi come more properly under the denomination of ship-owning ports. The trade of the island of Syra is apparently on the decrease, while that of Patras is making the most rapid progress. The trade of the Piraeus consists of the importation of articles of necessity and luxury for the capital and immediate neighbourhood, and an increasing exportation of silk, sponge, and a few other articles.

The exchange operations of Greece are ruled principally by the transactions at Athens, where bills on London, Paris, Marseilles, Trieste, &c., are negotiated with facility. Besides this, Athens derives advantage from the banks and banking establishments with which it abounds, and which constitute it the centre of the monetary arrangements of the commerce and agriculture of the state.

GRIMSBY (GREAT).

Nauplia has declined in importance since the removal of the seat of government, but it is still the debouche of a proportion of the exports of the Morea.

In the vicinity of Nauplia is the town of Cranidi, the inhabitants of which are the principal sponge-fishers of the Archipelago and Levant. This fishery is carried on by two means, —spearing with grains and diving; the latter securing the sponge free from injury, which is not the case with the former. The Cranidiots are most expert divers, and anecdotes approaching to the marvellous are told of their feats. It is usual after the sponge is fished up, when it is perfectly free from all sand, and when dry, so light that the alightest breath of air will move a large piece of it, to impregnate it with fine sand. This process is performed by stringing the sponges together, and laying them on the sand into them, after which they are placed in a heap under a large pile of stones to press them together as tightly as possible. When dry they are hard flat substances, and are beaten and sifted, but however well this process may be performed, even after washing and further sifting, the sponge, though apparently clean, will weigh three or four times its original weight. It is hardly necessary to add that they are always sold by weight.

The staple articles of Greek export are currants, valoues, oil, emery-stone, and silk. The other articles of export are dried figs, raisins, corn, tobacco, madder, kermes, lentisk leaf, honey, wax, fustic, cheese, cotton, wheat, barley, maise, fresh fish (from Missolonghi to Zante), gails, wine, hemp, linseed, silk gauze, tanned skins, lamb and sheep-skins, hare-skins, ox-hides, wool, sulphur, coarse woollen manufactures for capotes, guss tragacanth, marble, santorin cement, sponge, turpentine, timber, liquorice, liquorice juice, botargo, cream of tartar, sesame seed, citrons, and some minor articles said to amount in all to nearly sixty separate articles.

The importations of Greece consist of cotton and woollen manufactu

The manufactures of Greece may be dismissed in a few lines, yet the peasantry are entirely clothed in the woollen and cotton clothes of their own manufacture. woollen and cotton clothes of their own manufacture. The peculiar woollen manufacture of the Blakhs forms not only the capotes of the Greeks, but of the Blakhs forms not only the capotes of the Greeks, but of the maritime population of the Mediterranean. Kalamata is famous for the production of a silk gauze, highly prized in the East for shirts and bed-curtains; and at Tripolitiza the common ironware of the country is manufactured in abundance. In the generality of the manufactured in abundance of the raw material is but slightly enhanced by the labour.

Handicraft in general is not in an advanced state of perfection, embroidery in gold, silver, silk, and cotton forming an exception, however, to this rule, as does also marble-cutting and sculpturing, in which rapid progress has been made. Turning, shoe and boot-making, tailoring, dyeing, distilling, plastering, and the decoration of houses are among the crafts that have made the most progress. Carpentering and smith's

made the most progress. Carpentering and smith's work, those that are the least advanced.

GREAT GRIMSBY. We have been ob.

ligingly furnished with the following statements in regard to the great works now in progress at this port, by Adam Smith, Esq., the resident

engineer.

Grimsby is a bor. of considerable antiquity and was formerly a port of such importance that in the reign of Edward III. it sent 11 ships to the siege of Calais. But, owing to the gradual filling up of its harbour, it latterly sunk into comparative insignificance. In 1802 a new barbour was constructed; but being accessible only at high water, it was not productive of all the advantage that was expected. But, in 1846, a new harbour, on a grand scale, accessible at all times of the tide, was commenced; and in anticipation of its being finished, Grimsby has been made the terminus of two important railways.

Grimsby is situated on the S. side of the me-

tuary of the Humber, which, at this point, is about 7 m. across, being 7 m. W. from the lighthouse on Spurn Head, which is in lat. 53° 34′ 44″ N., long. 0° 7′ 9″ E. The long, low, narrow, hooked tongue of land, which termanates in the Head, protects a capacious roadstead, with good holding ground, extending to within a mile of the new works at Grimsby, and well known as a harbour of refuge to those who navigate the North Sea. The entrance to the river is marked by the lighthouse on the Spurn Head, and by two light-ships in the Channel. Grimsby has, in consequence, the double advantage of a secure road and of proximity to the open sea. The great utility of the new works at the latter is made additionally evident by the scarcity of ports along this portion of the coast of England; for, if we except Hull, which also lies on the Humber, but 20 m. further inland, there is no other port with docks, but that of Grimsby, between Hartlepool in Durham and King's-Lynn in Norfolk, a distance of fully 150 m.

The old dock or floating basin, referred to above, measures about 17 acres; but being placed at the high water margin of a flat shore, and being consequently accessible only towards high water, it is of very limited utility.

To secure a proper depth of water at the entrance of the new works was an object of the first importance: and to attain it they have been projected \(\frac{1}{2} \) of a m. into the astuary in advance of the old dock, reclaiming at the same time and enclosing 130 acres of land.

The new works comprise a wet dock of upwards of 20 acres in extent, with two entrance locks, having in front a tidal basin of 13 acres. The latter, formed by two timber piers, which are together about 2,000 ft. in length, is provided with landing slips. The facility of ingress and egress afforded by this basin will be especially useful to steamers, which, as they usually convey passengers or light merchandise, do not require to enter a dock. Here they will be able to lie affoat alongside the piers at all times of the tide.

The chambers of the two entrance locks connecting the tidal basin and the dock, are respectively 45 ft. in width by 200 ft. in length, and 70 ft. in width by 300 ft. in length. The latter are of sufficient magnitude to permit the docking of the largest frigate in the steam navy. The average depths of water at the dock entrances are about 9 ft. at ebb and 26 ft. at high tide; the latter depth being permanently maintained in the dock itself.

The quays surrounding the dock are intended to provide means both for the casy storage of merchandise and for its rapid conveyance to its destination. Bonding sheds and warehouses fronting the quays will answer the first purpose; and the second will be attained by the formation of railways on each side the dock throughout its length, so laid that trains may be loaded at once from vessels lying along the quay, and straightway proceed on their journey. The railways likewise communicate with the sheds and warehouses. On one side the dock, and close to the steamboat pier previously mentioned, is a railway passenger station.

warenouses. On one such that could not could not to the steamboat pier previously mentioned, is a railway passenger station.

A graving dock, for the repair of ships, is also to be provided in connexion with the wet dock; and it is further intended to open a channel of communication between the old and the new dock, which will add greatly to the utility and value of the former. These works were, as stated above, commenced in 1846. In 1849 the first stone was laid by Prince Albert. The

works are now in a very advanced state, and are to open for public traffic in the spring of 1852. J. M. Rendel, Esq., is engineer in chief.

But, after all, the value of Grimsby as a commercial port must mainly depend on its facilities of communication with the interior. And these will be of the most extensive description. A direct branch of the Great Northern Railway, from Peterborough, passing through Boston and the E. parts of Lincoln, and thus opening a rich agricultural country, brings Grimsby within 154 m. dis ance, or 4 or 5 hours' travelling, of London. The line of the Manchester, Sheffield, and Lincolnshire Railway Company, who are the proprietors of the works at Grimsby, unites it with Manchester (dist. 117 m.). It passes through Sheffield, and intersects in its course two trunk lines to the North, viz. the Midland and the Great Northern.

The agricultural districts of Lincolnshire and the Midland counties, the manufacturing and mineral districts of Lancashire and Yorkshire, and the metropolis, are thus brought into direct and easy communication with a port that offers especial advantages for the trade with Holland, the Elbe, and the Baltic; and which is, indeed, extremely well situated for traffic, whether East, North, or South.

Even with its present limited means of accommodation for shipping, certain articles, such as timber, linseed and rapesed, bones, &c., are largely imported at Grimsby. Recently wheat flour, from France, for the manufacturing districts, has, also, been extensively imported. A large traffic in fish is anticipated when the means for its reception and speedy conveyance to the towns in the interior have been completed.

The export trade of Grimsby has hitherto been, and will continue to be very limited, till the new docks and warehouses have been opened, when, no doubt, it will rapidly develop itself. There will, probably, be a large exportation of Yorkshire coal; and to facilitate this business branch lines are being laid from the Manchester, Sheffeld, and Lincolnshire Railway to some of the principal coal-mines in the district through which it passes. The dock will have every facility for loading coal-ships.

facility for loading coal-ships.

10 WA. One of the U. States of N. America, between lat. 40° 30′ and 43° 30′ N., and long. 90° and 97° W., having N. the Minesota territory, E. the states of Wiscouri and Sioux rivers. It is shaped like a parallelogram, and is estimated to contain about 51,000 sq. m. Pop. in 1840 (ex. Indians), 43,111, and at present (1880) about 193,000. Surface unduisting, without any-high hills or mountains; but a tract of considerably elevated table land occupies the greater part of its centre, dividing the streams that fall into the Mississippi from those that fall into the Missouri. The margins of the creeks and rivers are covered for a considerable way being mostly open prairies. The latter, which extend over two thirds of the surface, are generally covered with luxuriant herbage, occasionally intermixed with various, but generally good; consisting in the bottoms of a deep black mould, mixed in the prairies with sandy loam, red clay, and gravel. Iron is shundant; and one of the richest portions of the lead region of the Union is found in the S.W. quarter of the state; sinc is met with, and limestone is a prevalent formation. Except in some of the lowest bottoms, the country is salutious. The cold in winter, though frequently severe, is not injurious; and the heats in summer are said not be oppressive. Iows bids fair to become one of the principal agricultural states of the Union. It is swell suited to the growth of wheat, Indian corn, and all sorts of grain, and a great variety of fruits and culinary vegetables have been already introduced; it is also extermely well fitted for grazing and dairy purposes. In-

deed, such has been its progress that, though till 1835, when it received its first white settlers, it had been exclusively occupied as a hunting-ground by the Indians, it produced in 1848, 1,300,000 bush, wheat, 1,500,000 do. Indian corn, with considerable quantities of barley, potatoes, &c. The situation of the state, between two great navigable rivers, affords every facility for the exportation of its various products. The town of lowa, on the river of that name, in the E. part of the state, is the seat of government; and Burlington, Dubuque in the lead district, Davenport, and various other places, are fast rising into importance. The government is vested in a governor, chosen every four, a senate every four, and a house of representatives every two years, by the suffrages of the white male inhabs. of twenty-one years of age. The members of both houses are paid for their attendance, their numbers depending on the amount of the population. The judges of the supreme court receive each 1,000 doll. a year of salary. The constitution prohibits the creation of any corporation with hanking privileges. A university has already been established; and ample provision is made for the support of public schools. Slavery is not permitted. lowa was acquired from the Indians in 1832: In 1833, it began to be settled; in 1838, it was erected into a territorial government; and in 1846 it was admitted into the began to be settled; in 1838, it was erected into a terri-torial government; and in 1846 it was admitted into the Union. (Haskell's Gazetteer; American Almanac for

torial government; and in 1846 it was admitted into the Union. (Haskell's Gracetteer; American Almassac for 1851, &c.).

KEY-WEST. A small island from 5 to 6 m. in length, by 1 in width; 56 m. 3. W. from Cape Sable, in Florida. It is one of the Florida keys, or of that extensive circular range of low islands, banks, and reefs, which sences the coast of Florida, and forms the northern boundary of the Gulph Stream, from the Tortugas islands on the W. round to Cape Florida on the N. A lighthouse srected on the S. W. point of the island, lat. 40° 29° N., long. 81° 55′ W., has a fixed light elevated 83 ft. 61 in. above the sea. The town of Key-West, near the N. W. part of the island, has about 1,500 inhabs., and has an excellent harbour, with about 25 ft. water. A safe passage, about 6 m. in length, leads by Key-West from the Gulph Stream to the Gulph of Mexico. It has 12 ft. water at eibt tide, and vessels from the N. bound for New Orleans, Mobile, &c., or from the latter for the former, by passing through it, avoid the delay and danger of the more westerly passage round the Tortugas.

Owing to the frequent accidents to shipping from coming in contact with the banks and reefs in this dangerous vicinity, the American government have organised an establishment at Key-West for the assistance of ships in distress, and made it the seat of an admiralty court for the adjudication of claims for salvage. The former consists of 15 licensed vessels with crews of about 10 men each. These are kept constantly crusting about on the look-out for ships in distress or wanting pilots; and as their emolument principally depends on the fees they obtain for their assistance, it may be fairly presumed that it will be rendered with the greatest alacrity. But the destrable thing is to hinder vessels from getting on shore, the assisting them when in that predicament being, though an important, a secondary consideration. The latter, however, and not the former, is the main tolect which the licensed cruisers of Key-West have in view; and it w

		Dollare.	1			Dollare.
1831		39,487	1840	•		85,115
1832	-	46,655	1841	•	-	71,173
1833		38,128	1842	•	-	58,103
1834		32,040	1843	-	•	83,811
1835	-	87,210	1844	•	•	92,712
1836		174,132	1815			69,591
1837	-	107,495	1816		•	109,000
1838		34,578	1847		•	125,000
1839		 90,797	1848			127,879

(Buss's American Coasting Pilot, p. 256.; Hunt's Commercial Magazine.)

LABUAN, a small island off the N.W. coast of Borneo, a dependency of the British crown, about 6 m. distant from the energy point of the mainland, and 30 m. N. from the city of Borneo or Bruni, lat. 50 12 N., long. 115° 19' 36" E. It is from 25 to 30 m. in circ., flat and covered with wood. The anchorage, on the E. side of the island, is protected by the greater and three smaller islands; and the town of Victoria has been commenced at the embocular of a rivulet in a three smaller islanus; and the town of viscous has been commenced at the embouchure of a rivulet in a small bay, at the head of the anchorage. Coal of good quality is found on the island, and it is well supplied with fresh water. It was coded by the Sultan of

Borneo to Great Britain in 1844; and Sir James Brocks, who negotiated its cession, has since been appointed its governor. When it came into our possession it was uninhabited; but its situation is such that, provided it be moderately healthy, it can hardly fail to become an important emporium. It lies near the best rouse for shipping from the Straits of Singapore to Chine, and, while it is extremely well situated for carrying on trade with the W. and N. coasts of Borneo and the Pailippine islands, it will serve as a harbour of refuge and as a convenient station for the steamers and other ships of war required for the suppression of the piracy that is now, to the great injury of commerce, carried on to great an extent from the ports and rivers of Borneo, and of some of the adjacent islands. In this respect its abundant supply of coal will be of the greatset service. In war the possession of Labuan will give us the entire command of the Chinese sea. (See Brock's Journal, and an excellent paper by Mr. Cranfurd in Keppet's Borneo, it, p. 144. and p. 309.)

Borneo, or Bruni, on the adjacent shore of the maished termed the Venice of the East. It contains from 20,000 to 40,000 inhabitants, mostly Malaya, and it really seems as if it floated on the waves. It is situated on an estuary, and though built with little regard to regonarity, it is intersected crosswise by two main streets, which divide it into four portions, one only of which shore the water, with streets, if so they may be called, above the water, with streets, if so they may be called,

which divide it into four portions, one only of which stands on dry land. The houses in the other three parts are of wood built on piles, which support them above the water, with streets, if so they may be called, to admit the passage of canoes. The steamer which conveyed Sir James Brooke to Borneo, when Lahuss was ceded, anchored in the main street in the centre of the town! "The greatest novelty at Brunt," says Mr. Marryat, from whom we have borrowed these details, "is the floating bazar. There are no shops in the city, and the market is held every day in canoes. These come in at sunrise every morning from every part of the river, laden with fresh fruit, tobacco, pepper, and every other article which is produced in the vicinity; a few European productions, such as handkerthiefs, every other article which is produced in the vicinity; a few European productions, such as handkerchiefs, check-cotton prints, &c., also make their appearance. Congregated in the main streets, the canoes are tacked together, forming lanes through which the purchasers in their own canoes paddle, selecting and bargaining for goods with as much convenience as if the whole were transacted on terra firms. Iron is here so valuable that it is used as money. One hundred flat pieces an inch square are valued at a dollar, and among the lower classes these iron pieces form the sole coin. They are classes these iron pieces form the sole coin. They are really the case, I cannot vouch." (Maryet's Bornes, &c., p. 113.)

But though deficient in iron, the gold mines of Bornese are amongst the richest in the world. Sir Stamford

But though deficient in iron, the gold mines of Borneo are amongst the richest in the world. Sir Stamford Raffies estimated that in his time about 33,000 Chinese labourers were employed in these mines on the W. coast of Borneo; and it is not easy to say how productive they might become, were the miners in a coadition to prosecute their undertakings in safety, and to bring the resources of science and of capital to their sid. Amtimony is also found in abundance in Borneo, especially in the district of Surawak, of which Sir James Brooks is now raish; and the dismonds of Borneo rival those is now raish; and the dismonds of Borneo rival those in the district of Sarawak, of which Sir James Brooke is now rajah; and the diamonds of Borneo rival those of India and Brazil. But independently of its coal, and of its precious and other metal, its vegetable products might alone furnish the materials of an extensive commerce. The sago palm grows in great perfection in many parts of the island, and sago is largely exported in a rough state to Singapore. The areca nut, ratums, gutta percha, gum-benjamin, camphor, birds' nests, &c., are also considerable articles of export; and sugar, pepper, and all the products of tropical regions, might, with a little care, be raised to any extent in most parts of per, and all the products of tropical regions, might, with a little care, be raised to any extent in most parts of this vast feland. The numbers and ferocity of the savages by whom it is occupied present, indeed, formidable obstacles to its improvement. But civilisation is beginning to make its way amongst them; and, though probably slow, its progress cannot well be arrested (For farther particulars in regard to Borneo, see the article on it in the Geographical Dictionary, the work of Captain Keppel referred to above, and Mr. Low's valuable work on Sarawak and its inhabs.)

LIBERIA. We borrow from the Times the following details with respect to the condition of this state in 1848. (See art. Liberia in this work.) Probably, however, they give too flattering a view of its progress and prospects. all events its trade has not latterly increased.

"The colony of Liberia has just been recognised as an independent republic by Great Britain and France, and a treaty of trade and commerce has upon our part

been concluded with that State. So little, however, is known of its situation, prospects, and resources, that it will be desirable to furnish some general information on

these points.

"The colony of Liberia lies midway between Sierra these points.

"The colony of Liberia lies midway between Sierra Loone and Cape Palmas, and was established by the American Colonisation Society in 1830 by an immigration of free or liberated people of colour from the United States. Since that period its population, including the aborigines who have incorporated themselves with the immigrants, has increased to upwards of 80,000, while the land they occupy extends along 320 miles of coast, and reaches at an average about 80 miles into the interior. The proportion of the population born in America, or of American descent, is estimated at about 10,000, and such has been the effect of their example and influence, that out of the remaining 70,000, consisting of aborigines, or of captives released from slavers, as least 80 000 can speak the English language, so that and influence, that out of the remaining 70,000, consist-ing of aborigines, or of captives released from slavers, at least 50,000 can speak the English language, so that any one would perfectly understand them, while their habits are rapidly becoming those of civilised and steady agriculturists. The desire for education is also mani-fested by the surrounding tribes, and instances are not uncommon of natives sending their children four or five hundred miles from the interior to be instructed in the perfect of these sending to the recombile. Of these numered miles from the interior to be instructed in the primary schools established in the republic. Of these there are 36 in operation, with an average attendance in each of about 40 aboriginal pupils.

"The whole of the territory of Liberia has been purchased from time to time from the aboriginal owners;

and in this way at least twenty petty sovereigntles have been extinguished. In its former condition the coast was the constant resort of slavers, but the traffic is now was the constant resort of slavers, but the trame is now effectually suppressed as far as the jurisdiction of the republic extends, and its entire abandonment is an invariable slipulation in every treaty of trade and protection into which the republic may consent to enter with neighbouring states. The disposition to avail themselyes of treaties of this description is plainly on the in-

selyes of treaties of this description is plainly on the increase on the part of the surrounding natives, and it is estimated that not less than 2,000,000 persons in the interior now obtain their supply of European goods from the republic and from the kindred colony of Cape Palmas. Last year *2 foreign vessels visited Liberia, and exchanged merchandise for articles of African production to the amount of 600,000 dolls.

'The natural resources of Liberia are immense, and are steadily in process of development. The principal articles of export are ivory, paim oil (of which 150,000 dolls. worth was shipped in 1847), camwood, gold dust, &c. Coffee is indigenous, and of excellent quality, and is now being cultivated extensively. It yields more than in the West Indies, and the belief is entertained that it may be produced so as to come into competition with in the west indies, and the belief is entertained that it may be produced so as to come into competition with that produced by slave-labour. Sugar also thrives well, but enough only is grown for home consumption, and there is no present hope of competing with Cuba or Brazill. Cocoa has just been introduced, and promises well. Cotton it is avented will seen become an article well. Cotton, it is expected, will soon become an article of export. Indigo, ginger, arrowroot, and various other articles of commerce, likewise grow luxuriantly. Rich metallic mines exist in the country, and only require

capital to lay them open.

The population is upon the whole well disposed to work, and the rate of wages per day is about is sterling. It is an extraordinary feature of this part of the coast that horses and other draught animals will not live, and that horses and other draught animals will not live, and hence every kind of transport, except that upon the rivers, is performed by manual labour. Much of the camwood which is exported from Liberia is brought a distance of 200 m. on men's backs. It is seen, however, that this difficulty, which appears a great one at first, may have the effect, not only of inuring the people to labour, but of atimulating them to every kind of mechanical contrivance by which it may be overcome. The climate of Liberia, although more healthy than Sierra Leone, is still deadly to the European; but the improvement it has undergone during the last ten years, the effect of clearing, drainage, &c., is stated to be most remarkable. The coloured immigrants from America, who used invariably to suffer from fever on their arrival, are now able to go to work at once.

who used invariably to suffer from fever on their arrival, are now able to go to work at once.

"At Monrovia, the port and capital, the population amounts to about 9,000. A large portion of the territory has been accurately surveyed, and is sold in sections by the government, at from 50c. to 1 doil, per acre. The government of the country is precisely on the American model, consisting of a president, a vice-president, a senate, and a house of representatives, the number of members in the former being 6, and in the latter 28. The possession of real estate to the value of 30 doils. is the electoral qualification. The revenue, which was last year about 20,000 doils, is derived entirely from an advances duty of 6 per cent. on imports, and the produce of land sales. Ardent spirits, the use of which it is sought to discourage, form an exception, and are taxed 30 cents per gallon. The principal trade is carried on

by barter, but there is a small paper circulation of about 6,000 dolls, redeemable on demand.

6,000 dolls. redeemable on demand.

"The organisation of the Republic as an independent state took place in July last, when Mr. Roberts, who had formerly acted as governor under the Colonisation Society, was elected President. Speaking of his qualifications, Commodore Perry, of the United States navy, says in a report to the American Government, dated in 1844.

"Governor Roberts, of Liberia, and Russworm, of Cape Palmas, are intelligent and estimable men executing their responsible functions with wisdom and dignity, and we have in the example of these two gen-

dignity, and we have in the example of these two gen-tlemen irrefragable proof of the capability of coloured people to govern themselves."

"While with regard to the advantages of the colony

he adds—
"So far as the influence of the colonists has ex-

he adds—
"'So far as the influence of the colonists has extended, it has been exerted to suppress the slave trade. Their endeavours have been eminently successful. and it is by planting these settlements (whether American or European) along the whole extent of coast from Cape Verd to Benguela, that the exportation of slaves will be most effectually prevented."
MELBOURNE, the cap. of the British colonial territory of Victoria, or Port Phillip, in Australia, occupying the S.E. portion of the continent, stretching through 9 degs. of long., from Cape Howe on the E. to Glenelg river on the W. The town is situated on the N. bank of the Yarra-yarra river, about 9 m. (following its windings) from its mouth in the basin of Port Phillip, lat. 37° 49° 25" S., long. 144° 57§ E. Pop., according to the statement in a petition of the inhabs., 20,000 in 1850; but this is perhaps exaggerated. It was founded in 1837, and now extends for 2 m. in length by 1 do. in breadth, along the river, being obstructed by a bar and shallows, is not generated. banks of the river. But its site is unfortunate; for the river, being obstructed by a bar and shallows, is not generally navigable for vessels of more than 60 tons burdes; and it has the farther disadvantage of being low, and liable to be flooded by the overflowing of the river during the wet season. It has been proposed to facilitate the trade of the town by removing the bar at the mouth of the river, and deepening its channel; but this would be a very expensive undertaking, and one of which the success would be not a little doubtful. The excavation of a ship casal from the deep water in the law to Mal. success would be not a little doubtful. The excavation of a ship canal from the deep water in the bay to Melbourne has also been proposed; and it, probably, would be the preferable plan. It seems, however, most likely that the trade of the town, and even the greater part of its population, will ultimately centre at Williamstown, a village a few miles distant, on a headland extending into the bay opposite to which all large vessels coming to Melbourne are obliged to anchor. The principal objection to Williamstown is the scarcity and bad quality of the fresh water; but this serious defect might, we are assured, be obviated by sinking wells, or by conveying hither a supply of water from some of the adjacent streams. Melbourne has the appearance of an English country town. Streets regular, and mostly 100 ft. in width; houses chiefly of brick, some of them being stuccoed. Of late, several buildings have been constructed of grantie, whinstone, or sandsome of their being stucted. On their several buildings have been constructed of granite, whinstone, or sandstone quarried in the vicinity, and a bandsome freestone bridge of one arch across the river has been constructed. bridge of one arch across the river has been constructed. Melbourne has Episcopalian, Presbyterian, R. Cath., Independent, Methodist, and Baptist churches, Port Philipcoliege, a mechanics' institute, a court ho., jail, and good edifices appropriated to the government offices, two banks, a theatre, steam flour-mills, iron foundries, horse basaars, extensive wool-stores, a "squatters' club," a botanic garden, race-course, &c., and in its vicinity are many thriving farms, and country-residences of its more opulent inhabs. It forms a bor., divided into 4 wards, and is governed by a mayor, alderman, and councillors. It is the see of a bishop, and the seat of a court of justice, whence appeal lies to the supreme court at Sydney, &c. Several newspapers are published in the town. It communicates by steam-boats daily with Geelong, and at stated periods with Sydney, Launceston, and Hobart Town.

Geelong, the town next in importance in the Vic-

and Hobart Town.

Geelong, the town next in importance in the Victoria territory, stands at the W. extremity of the W. arm of Port Phillip, about 40 miles S. W. Melbourne. Total pop. (1846) 2,065. It has an increasing trade; though, like Melbourne, shoals prevent its being reached by large vessels. But, notwithstanding, it appears to be preferable as a port to the cap. On the E. side of the bay are the marit. villages, St. Kilda and Brighton, respectively 3 and 6 m. S. Melbourne, and occasionally resorted to by its inhabitants.

In 1849 the agg, value of the exports of native produce

In 1849 the agg. value of the exports of native produce from the prov. of Victoria, and mostly from Melbourne, amounted to 737,0671. Wool is by far the most important article, the quantity exported being no less than 14,567,205 ibs., worth, when shipped, 674,5941. The next most important article was tallow, 69,649 cwt., worth 100,2611, with horned cattle, ship-beef, &c. The importa

would be, perhaps, the most desirable of our colonies to which to emigrate. (Australia and Prison Discipline; Griffith's Present State of Port Phillip; Wells' Australian

azetteer.)
MILWAUKIB, a town and harbour of the U. States Gazetteer.)

MILWAUKIE, a town and harbour of the U. States, state Wisconsin, cap. co. same name, at the mouth of the Milwaukie river, on the W. shore of Lake Michael. 80 m. N. Chicago. This place is rapidly rising in an and harbour on the W. the Milwaukie river, on the W. shore of Lake Michigan, 80 m. N. Chicago. This place is rapidly rising in importance; and being the only good harbour on the W. side of the lake, between Chicago and Green Bay, it will most likely become the principal emportum of the extensive territory in which it is situated. In 1840, it had only 1,702 inhab., whereas, in 1849, it had not fewer than 17,000. It has aiready a very extensive trade; and steamers ply between it and Buffalo, at the E. extremity of Lake Erie. It is well-built, has a courthouse, jail, and land office for the U. States, with numerous churches, schools, academies, newspapers, &c.

We subjoin an Account of the Exports of Wheat and Flour from Milwaukie during each of the 4 Years ending with 1849.

			1846.	1847.	1848.	1849.
Wheat Flour -	:	bush. bbis.	213,448 15,776	598,011 34,840	602,474 92,732	1,136,423

Min ESO TA, a territory of the U. States, having N. the British possessions, from which it is separated in part by the parallel of 49° N. lat., E. Lake Superior and the State of Wisconsin, S. lowa, and W. the unappropriated Indian territories. Its area is estimated at about 150,000 sq. m.; and, in June, 1849, it had only about 4,500 free white linhabs., but the pop. is rapidly increasing. Its central table land, though only about 1,700 ft. above the level of the Gulph of Mexico, contains the sources of the "King of floods," the Mississippi, Sowing S., and of the Red River, Sowing N. to Lake Winnipeg. It is extremely well watered, and has a greater number of lakes than any other state or territory of the Union. It has every variety of soil; and while in parts it is covered by extensive forests, in others it has large tracts of prairies and open lands, with swamps and morasses. It is said to extensive forests, in others it has large tracts of prairies and open lands, with swamps and morasses. It is said to extensive forests, in others it has large tracts of prairies and open lands, with swamps and morasses. It is said to cattle, and we already hear of its agricultural societies and to the property of the Union of the cattle shows. (Johanton's Notes, it 236.) Almost nothing is known of its mineral products, except that it has lead mines. Capital, St. Paul, immediately below the falls of St. Anthony, on the Upper Mississippi, and has lead mines. Capital, St. Fault, immediately below the falls of St. Anthony, on the Upper Mississippl, and 219 m. within the territory. The climate in winter is severe; but, though followed by a bot summer, it is any-thing but unhealthy. Its government is vested, like that of the other states and territories of the Union, in a governor, solute, and house of representatives, all chosen

governor, senarc, and by universal suffrage.

NATAL, the name given to a district on the S.E. coast

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NATAL, the name given to a district on the S.E. coast by universal suriage.

NATAL, the name given to a district on the S.E. coast of Africa, a dependency of the British crown, being a portion of the great country occupied by the Caffres or Kaffirs, between 7½ and 31 degs. S. lat., and 2½ and 31 degs. E. long. It has on the N. the country of the Zoolah Kaffirs, from which it is separated by the Buffalo and Trikela rivers, on the E. the Indian Ocean, S. the Umzinkals river, and W. a chain of 10ty mountains called the Drakenberg or Kathlamba, running N.N.E. and S. S. W., from 80 to 100 m. from the coast. Its area has been differently estimated, but it may probably amount to 15,000 or 16,000 sq. m. The country shelves rapidly downwards from the mountains into the sea, baving the appearation. been differently estimated, but it may probably amount to 18,000 or 16,000 sq. m. The country shelves rapidly downwards from the mountains into the sea, baving the appearance of a hilly declivity intersected by deep ravines, but along the ahore and the rivers it is most flat and swampy. The declivities of the hills are in part covered with forest trees and bushes, and in part bare and red, owing to the prevalence of the iron ore which they contain. The lower grounds are everywhere covered with vegetation, consisting either of the most luxuriant grass, or of bush or scrub. It is everywhere will watered, being traversed by numerous rivers and streams which, rising in the mountains, pursue their winding courses to the sea. In the rainy seasons these are much swollen, and rush forward with great violence. They have generally but a short course; are frequently interrupted by cataracts: and owing to the quantity of sand and earth which they carry down, they have uniformly bars at their mouths, so that they are in great measure useless for mavigation. According to the statement of the Surveyor General, "the soil is well adapted for cultivation; on the alluvial land, along the banks of the rivers, it is particularly so, producing much larger crops than are ever grown in the colony of the Cape of Good Hope." (Correspondence regarding Natal, 1848, p. 79.) The principal rocks are granlte, basalt, slate,

into Victoria during the same year amounted to 479,831/.
They comprised cottons, linens, woollens, and other coal, also, is found in different localities; and might, a manufactured goods; iron and hardware; apparel and is said, be obtained in any quantity. The climate is not slops; ale and beer; spirits and wine; sugar and tea; too hot; but in the summer months the grass is generally bacco, &c. Were it not for the absurd regulations in regard to the disposal of land, Victoria and South Australia; would be, perhaps, the most desirable of our colonies to are visited.

Tigers, hyenas, wolves, and a few lions, lurk in thed ravines, and in the forests on the mountains along the frontier of the colony, whence they occasionally descend to prey on the flocks; but they are less feared, and ther to prey on the flocks; but they are less feared, and they ravages are of less consequence, than might be supposed. The hippopotamus is found in the pools in the river in the interior; elephants and rhinoceroses are also met with, though they are less common now than formerly. Game is abundant, comprising antelopes, hares, phessants, partridges, &c. Baboons, monkeys, with smalry varieties of serpents and other reptiles, are among the native animals. The district is in most parts well seized for the rearing and feeding of cattle. The creating and feeding of cattle. The creating native animals. The district is in most parts well suited for the rearing and feeding of cattle. The greatest obstruction in the way of the successful prosecution of obstruction in the way of the successful presecution of this branch of industry will most probably be found, not in the depredations of wild animals, but in the thieria propensities of the native population. Most part, inseed, of the contests in which we have been engaged along the frontiers of our possessions in S. Africa, have originand in this source, or in the predatory incursions of the Kaffirs and other contiguous tribes in quest of cattle. But were the country divided into suitable districts, a police establishment organised, and measures adopted for the prevention and prompt punishment of crime, the natives might, perhaps, be induced to remounce these practices, and become alive to the superior advantages of security and industry.

practices, and become alive to the superior advantages of security and industry.

Wheat, barley, millet, maise, and beans, are already cultivated to some extent, and might be raised in any quantity; and sugar, coffee, cotton, indigo, and other tropical productions, are well suited to the soil and climate. The cotton is of very good quality, as is evinced by the price which the small quantity of it that has been exported has brought in Liverpool. Vires, figs. oranges, and lemons, have also been introduced.

has been exported has brought in Liverpool. Vires, figs, oranges, and lemons, have also been introduced, with every reasonable success.

The principal, or rather the only, harbour on this coast, is that of Port Natal, lat. 29° 55° S., long. 30° 41° E. It opens to the N., and outside its mouth, which is narrow, is a bar of sand, on which there are in ordinary tides about 6 ft. water at ebb, and about 12 ft. at flood; but at springs the rise of the tide is greater. Within the bar there are from 12 to 15 and 16 ft. water at ebb. On the whole the harbour is not suited for vessel draw. On the whole the harbour is not suited for vessels drawing more than 10 or at most 12 ft. water. But ships of any burden may anchor outside the bar with the wat 8. W. by W., round by W. to N. N. E. When, he ever, the wind yeers round to any point not within the When, however, the wind veers round to any point not within these limits, the anchorage becomes unsafe, and thips must immediately stand out to the sea. Within, the harbour forms a large basin, which, at flood, exhibits a wide expanse of water, but it mostly dries at low ebb. Darban, the town, an inconsiderable place, is on the N. side of the basin, and has the disadvantage of being about 12 m. from the nearest point where ships can anchor. Good fresh water for shipping is obtained within the bay. (Private Information.) The seat of government is not, however, here, but at Pietermaritsburg, a considerable way inland. The exports comprise ivory, blees, horna, guin, bees-wax, Indian corn, &c.; and among the imports are fire-arms and ammunition, coarse cotton study, iron and hardware, &c. iron and hardware, &c.

i ports are fire-arms and ammunition, coarse cotton stuffs, iron and hardware, &c.

This district rose into importance some years ago from its having become the resort of the Dutch boors who emigrated from the Cape Colony, partly from the disastisfaction with our regulations in regard to land, but more, perhaps, from the restraints under which they were properly laid by our governor. And it is a curious fact, that since our occupation of Natal is 1842, it also has been deserted by the boors, so that it is at present all but wholly denuded of its white inhabitanta. It has latterly been erected into a separate dependency, under a lieut-governor, subordinate to the governor of the Cape colony.

Under these circumstances there can be no question that it would be greatly for the advantage of the district, could a small portion of that vast stream of emigration that is now flowing from this country to Canada and the United States be diverted thither. But the most advantageous class of immigrants for Natal would undoubtedly be practical farmers, with from 260% to 300% or 500% of capital. Such persons are much wanted to form the nucleus of an English population, and to introduce the husbandry for which the colony is saited. The colonial authorities are aware of this; and to escourage the immigration of such parties they have present they they abound recovers an equivalent in media. courage that interpreted are aware of time; and to posed that "they should receive an equivalent in important to the amount they have necessarily expended in the

contfit and passage of themselves, families, and servants. An arrangement of this nature would enable a man prossessing capital to the extent we have mentioned, to commence farming with advantage the moment of his arrival in the district, while without it the means of a most valuable class of colonists would be swallowed up in expenses, and upon their landing here emigrants with limited capital would find themselves very little better off than before they left their native land. "(Report of the Surveyor-General, 4c., of the Colony, 20 Dec. 1847.) No doubt this is a highly judicious recommendation, and does credit to those from whom it emanated. But there is no chance of its being acted upon, for unluckily it happens to be opposed to the grand nostrum (it would be an abuse of terms to call it principle), that no land, how worthless soever, shall be granted to any immigrant; but that he shall be compelled to buy it in considerable lots at a high price. And such being the case, immigrants who can afford to buy land will most probably continue to think, as they do at present, that it is a saier and a better speculation to pay 5c. or 7s. an acre for the shear lands in the valley of the Mississippi, than 30s. an acre for the shear, washes, and jungles of S. Africa.

PETRA, a once famous but now deserted

PETRA, a once famous but now deserted city of Arabia Petræa, the metropolis of the Nabatheans, nearly half way between the head of the Gulph of Akabah (an. Elaniticus Sīnus) and the Dead Sea, in about lat. 30° 15' N., long. 35° 35/ E. It is situated on a small stream, at the foot of Mount Hor, in a fissure or chasm, about 1½ m. in length by ½ m. in breadth, surrounded on all sides by precipitous and mostly inaccessible rocks, except on the E., where the rivulet escapes, and where it is entered by a gorge which hardly affords room enough for two horsemen to ride abreast. The statement of Pliny is as correct as it is brief: -Nabatæi oppidum incolunt Petram nomine in convalle, paulo minus II. mill. passuum amplitudinis, circum-datum montibus inaccessis, amns interfluente. (Hist. Nat., lib. vi. cap. 28.) Its name of Isra, a Rock, which afterwards became that of the surrounding country, has been obviously derived from its situation. It has been long deserted, and its very site had become a matter of doubt and conjecture. But in 1812 it was visited by Burckhardt; and it has since been visited by Captains Irby and Mangles, M. de Laborde, Lord Lindsay, Mr. Robinson, and other travellers. Altogether its position and ruins are most extraordinary; and show, not less conclusively than those of Palmyra, the wealth and civilisation of which the commerce of the ancient world was the prolific source. The city, of which there are some magnificent relics, appears to have occupied the entire extent of the chasm. The rocks, also, with which it is surrounded, with those along the gorge by which it is en-tered, are almost all hollowed out and cut into tombs, temples, and other public and private structures, of extraordinary magnificence, including a large theatre. And, thanks to the climate, their embellishments are as sharp and perfect as if they had only come from the chisel of the workmen. The rock is of different colours; and Messrs. Irby and Mangles say, "We must despair of giving the reader any idea of the singular effect of rocks tinted with the most extraordinary hues, whose summits present to us nature in her most savage and romantic form, while their bases are worked out in all the symmetry and regularity of art, with colonnades and pediments, and ranges of corridors adhering to the perpendicular surface." Nowhere, perhaps, have the habitations of men and their final resting-places been brought into such immediate contact as at Petra. Even the approaches to

the theatre are lined with tombs! The ruins, though many of them are doubtless of great antiquity, appear principally to belong to the Roman period; and the only inscription found among them is in Latin of the age of Adrian or Antoninus Plus. (Laborde's Sinai, &c., Eng. trans. p. 179.)

Petra, from its great natural strength and its position, was peculiarly well fitted to serve as a safe and convenient entrepot for the extensive caravan trade carried on between Phœnicis and Arabia and the Persian Gulph. The products native to Arabia Felix, and those brought to its Petra, partly by caravans which performed the entire journey by land, and partly by caravans from Elana, at the head of the Elanitic Gulph, to which they were sometimes conveyed by sea. There was, also, at a very remote epoch, a caravan route from the important emporium of Gerrha, on the W. side of the Persian Gulph, to Petra. (Vincent's Commerce of the Ancients, and the authorities referred to in it, ii. 361.) When brought to the latter the products of the E. world were forwarded to Tyre by way of Gaza and Rhinoculura (Strabo, lib. xvi. cap. 3.), to be exchanged for the products of Phænicia and of the countries round the Mediterra-nean; or, which is most probable, quantities of the latter would be always in store in Petra, and the exchange would be effected in it. this trade was carried on in the way now stated from a very remote antiquity, is evident from the fact that reference is made in the sacred the fact that reference is made in the sacred writings to the Edomites, or Idumeans, the original founders and occupiers of Petra, as being managers or agents for the Tyrians, and bartering one sort of produce with them for another. (Heeren's distaits Nations, i. 353.) In the age of Alexander the Great a fair on a large agent was held in the visibility of Petra. large scale was held in the vicinity of Petra, which, no doubt, had been established at a much more remote epoch. (Heeren, ubi supra.) At a later period, Strabo mentions that a good many Romans and other strangers were established in the town; and he, also, indicates some points in the route of the caravans from Southern Arabia. (Lib. zvi. cap. 3.) According to Pliny, it had a direct communication with Palmyra. (Hist. Nat., ubi supra.) It was the wealth resulting from this extensive trade that filled the rocky girdle of the city with a rich, a refined, and an enterprising population, and gave them abundance, though in the middle of vast deserts.

The history of Petra is involved in much obscurity. There appears to be little doubt that it is identical with the Selah and Joktheel of the Bible. (2 Kings, chap. xiv. v. 7.) The reports of its riches having excited the cupidity of Antigonus, general of Alexander the Great, and king of Syria, he made two efforts to effect its subjugation. But, in both instances, he was defeated, though his forces in the second expedition were commanded by his son Demetrius, celebrated for his skill in the besieging of cities. (Diodorus, lib. xix. §§ 95. 97, and 98.) Petra appears to have preserved its independence down to the reign of Trajan, when it submitted to his victorious arms. (Dion Cassius, lib. lxviii. cap. 14.) It would seem, from inscriptions on coins still extant, that Adrian, the successor of Trajan, had conferred his name on Petra. But from that epoch it is no more heard of in history. But from The commerce, to which it owed its existence, was gradually diverted into other channels; and it has now nothing to interest save its wonderful

^{*} Mr. Foster has given, in his learned and valuable work on the "Hetorical Geography of Arabia" (i. 237.), a different, but, as we think, fanciful, derivation of the term Petra.

VOL. I I.

PRUSSIA.

Prussian revised Constitution, as promulgated on the 1st of February, 1850, and sworn to by the King, at Berlin, on the 6th of the same Month.

We, Frederick William, by the grace of God, king, &c., hereby make known and proclaim that we, after that the constitution of the 5th of December, 1848, reserved for revision by ordinary legislative means, has been submitted to the required revision by both chambers of our kingdom, have, in accord with both chambers, determined the same to be definitively valid (end-gillig).

CRAPTER I. - OF THE STATE TERRITORY.

Art. 1. All portions of the monarchy, within their present boundaries, form the territory of the Prussian State.*

Art. 2. The frontiers of this State territory can only be altered by a law.

CHAPTER IL -- OF THE BIGHTS OF PRUMIANS.

Art. 5. The constitution and law determine the conditions under which the qualities of a Prussian and rights of state citizenship can be acquired, esercised, or level.

Art. 4. All Prussians are equal before the law. Privileges derived from rank do not exist. Public employments are equally open to all who may be qualitied for the same, within such restrictive conditions and art. 5. Personal freedom is guaranteed. The conditions and forms under which a restriction of the same, and especially arrest, may take place, shall be defined by law.

Art. 6. Dwellings are inviolable. Entry into or search within the same, as well as the equestration of letters or papers, can only be personal, as well as the equestration of letters or papers, can only be personal cours and extraordinary commissions are inadmissible.

Art. 8. Punishments can only be adjudged or pronounced in accordance with law.

Art. 15. Previous can only be adjudged or pronounced in accordance with law.

Art. 9. Property is inviolable: it can only be seguestered or restricted for motives of public utility, in consideration of previous compensation, in argent cases at least to be determined beforehand.

Art. 10. Civil death and punishment of confiscation of property cannot take place.

Art. 11. Freedom of emigration, in so far as the state is concerned, can only be restricted in consideration of military service obligations. Departure money cannot be levied. J.

Art. 12. Freedom of religious profession. Association for religious profession. Consideration of the property

not possessing corporate rights can be seen a law. The Christian religion is declared to be the basis of all Art. 14. The Christian religion is declared to be the basis of all the Art. 14. Art. 14. The Christian religion is occiared to be the basis of an such institutions which are connected with religious observances, without prejudice to the freedom of religion guaranteed by Art. 12. Art. 15. The Evangelic and Roman Carboii Church, as well as all other religious associations, regulate and administer their affairs independently, and remain in possession and enjoyment of their establishments, foundations, and funds destined for religious, educational, and chestiable surrousses.

ents, foundations, and times ursumers associations and their su-arritable purposes.

Art. 16. Intercourse between religious associations and their su-eriors is unimpeded. The publication of ecclesiastical ordinances is nly subject to such restrictions as affect all other publications. Art. 17. A special law will regulate church patronage, and the middless under which the same can be annulied.

The proposals for, elections and confirmations

Art. 17. A special law will regulate church patronage, and the conditions under which the same can be ammilled.

Art. 18. Nominations to, proposals for, elections and confirmations of, possessions of ecclesiantical functions, in so far as regards the State, and where not reposing upon special patronage, or legal titles, are abolished. These stipulations do not affect the nomination of ecclesiantian of experimental properties of the state of th

Art. 20. Knowledge and its teachers are free.

Art. 21. The instruction of youth shall be sufficiently provided for by jublic schools. Parents and their substitutes cannot leave their children or wards without the instruction prescribed for public schools. Art. 22. Every one is at liberty to teach, or to form establishments for instruction, providing he can prove to the competent sutherities his moral, scientific, and technical qualifications therefor.

Art. 25. All private and public establishments for instruction and education, are planed under the superintendence of authorities named education, are planed under the superintendence of authorities named education, are planed under the superintendence of authorities named education, are planed under the superintendence of authorities named education, are planed under the superintendence of authorities named education, are planed under the superintendence of authorities named education, are planed under the propose of the repose of a state of the first and obligations of are as possible, in organisating public schools for the people. Religious instruction in schools for the people will be amagement of the State appoints teachers to these schools form a list of those qualified, with the lawful concurrence of parishes. And the superintendence of the people of the people of the people of the public schools will be furnished by parishes. In case of insufficiency, the requisite funds will be made up by the State. The obligations of the requisite funds will be made up by the State. The obligations of the requisite funds will be made up by the State. The obligations of the requisite funds will be made up by the State. The obligations of the requisite funds will be made up by the State. The obligations of the requisite funds will be funded up to the schools, an income comment.

 Including Neufchatel-Vallingen and the Hohenzollern principalities.

† Is this in contradiction to the establishment of an hereditary

serage? ‡ How is this to be reconciled with the formation of special jury

courts?

§ It has hitherto been the practice for operative journeymen wishing to migrate from one town or territory to another, to pay a certain tax or fine for their permit.

§ This admits all men to the same privileges; but excuses none from obligations, such as military service, dec.

A safeguard against the Jesuits.

SSIA.

surate with local circumstances. Instruction in public schools in the people will be given gratis.

Art. 26. A special law will regulate the whole system of instruction.

Art. 27. All Prussians have a right to express there on sinken right, by word, writing, print, or pictorial representation. The consequence to introduced, and other restrictions to the liberty of the peak of the probability of the peak of the probability of the peak of th

bodies. Screecy of letters is inviolable. The necessary encoughment of the continuous presentation and war, shall be determined by invitable as of criminal presecution and war, shall be determined by invitable as the continuous war bound to serve (as soldiers). The extent and mode of this obligation was presented as soldiers). The extent and mode of this obligation of the continuous of the standing faces and landwebr. In cases of war the king can call out the landstrum, in accordance with the law.

Art. 35. The armset force can only be employed in suppressing in the manner determined by law, and at the requisition of the civil authorities. The law will define exceptions as regards the latter, Art. 37. Military judicial power of the army is limited to military discipline in the army remain as objects for special ordinance.

military discipline in the army remain as objects for special ordinances.

Art. 38. The armed force can neither assemble nor deliberate without orders, whether on or off duty. Meetings of landwebt, even when not on duty, for purposes of discussing military orders and regulations, are forbidden.

Signature of the state of the sta

CHAPTER III.-OF THE KING.

Art. 45. The king's person is inviolable.

Art. 44. The king's years in inviolable.

Art. 44. The king's uninisters are responsible. All acts of the king government, to be valid, require the countersign of a minister, we thereby assumes the responsibility.

Art. 45. To the king alone belong the executive power. Is names and dismisses ministers. He orders the promulgation of law and issues the decrees requisite for their fulfilment.

Art. 45. The king is commander-in-chief of the army, as we as to all other functions in the to all commissions in the army, as we as to all other functions in the tright to deciare war and conclude posts as to all other functions the right to deciare war and conclude posts and to be valid, require the assent of the chambers, in so far as they commercial treaties, or when burdens may thereby be imposed on the size or in citizens.

commercial treaties, or when burdens may thereby be imposed or commercial treaties, or when burdens may thereby be imposed or Art. 49. The king has the right of grace and reducing nonline and the restriction of the restriction of the restriction of the characteristic proceedings, on the proposition of the characteristic proceedings, on the proposition of the characteristic proceedings already commenced in virtue of a special law, to proceed the restriction of the characteristic process of the restriction of the restricti

lution, and the chambers reassembled within 90 days of their dissolution.

Art. 52. The king can adjourn the chambers. This adjournment cannot last longer than 30 days without their assent, and cannot be renewed during the same session.

Art. 55. The crown, according to the law existing in the regal house, is hereditary in the male line of the royal family, according to the eights of primogeniture and the agants is an of escent. The comment of the capits of primogeniture and the agants is an exceeding to the eighteenth year. He obtains his majority upon accomplishing his eighteenth year. He obtains his majority upon accomplishing his eighteenth year. The contains firmly and not presence of both chambers assembled, to maintain firmly and the presence of both chambers assembled, to maintain firmly and regal over any foreign state without assent of the chambers.

Art. 56. The king cannot simultaneously reign over any foreign state without assent of the chambers.

Art. 56. Should the king be a minor, or unable for a length of time to govern, the oldest agnat nearest allied to the crown assumes the regency. He must forthwith convole the chambers, who in united assembly will decide upon the urgency of a regency.

Some provides agnat of age be forthcoming, and no legal measure have personal to agnot of age be forthcoming, and propent a regency with the chambers, who in united assembly he ministers must convolve the chambers, who in united assembly he ministers must convolve the chambers, who in united assembly he ministers must convolve the chambers, who in united assembly he ministers must convolve the chambers, who in united assembly he ministers must convolve the chambers, who in united assembly he ministers must convolve the chambers, who in united assembly he ministers must convolve the chambers, who in united assembly he ministers must convolve the chambers and the ministers must

The ministry will conduct the regency until the regence aneal ensemble functions.

Art. 38. The regent exercises the kinety power secribed to him in the king's name. Upon the constitution of the regency he taken each before both chambers, to observe firmly and invokably the constitution of the menarchy, and to govern in accordance with it and the laws. Until this oath be taken ministers remain responsible, neder every circumstance, for all sacts of government.

Art. 59. The revenues of the crown (civil list) continues to be derived from the rents of the breast and domains, according to the law of the 17th January, 1870, regulating the Reyal Entail Funds.

CHAPTER IV .-- OF THE MINISTERS.

Art. 60. Ministers, as well as the state functionaries appointed at

their substitutes, are entitled to appear in both chambers, and must be heard at all times on their demand. Each chamber has a right to require the presence of a minister. Ministers can only vole in one or other chamber if they be members of the same.

Art. 61. Ministers can, through a resolution of either chamber, be impeached for the crime of violating the constitution, for corruption, or tresson. The highest cours of justice of the monarchy, assembled in senatus, takes cognizance of the accusation. So long as two supreme distances of the control of the

CHAPTER V.-OF THE CHAMBE

and punishments, are reserved for special law.

Art. 62. The legislative power is exercised in common by the king and two chambers. The assent of the king and both chambers is requisite for all laws. Pinancial projects and estimates (budgets) must first be submitted to the Second Chamber. The latter must be accepted or rejected globally by the Pirst Chamber.

Art. 63. In cases only when the maintenance of public according or the case the chambers are not contrary to the constitution. The latter must be accepted or rejected globally by the Pirst Chamber.

Art. 63. In cases only when the maintenance of public according or the case the chambers are not assembled, and under the reasonability of the whole ministry, can ordinances be issued having force of law is always providing they be not contrary to the constitution. The saw always providing they be not contrary to the constitution. Art. 64. The right of proposing laws is vested in the king and in high cannot be reproduced during the same session.

Art. 65. The First Chamber consists—(a) Of princes of the royal family of age. (b) Of the heads of Prussian houses deriving directly from the former Empire, and of the heads of Prussian house deriving directly from the former Empire, and of the heads of those families who, by toyal ordinances with at the same time, specify the conditions where these ordinances with at the same time, specify the conditions where a substantial contrary of during service taken under a non-deriman state, and further so long as he possessing the right shall not be domelied to Prussia. (c) Of such members when the king may appoint for life. Their number not to exceed one-tenth of those members named in schedules a not a such a such as a

have airendy resided five years within the Prassian state territory. Members of the Pint Chamber receive neither diet not travelling expenses.

Art. 69. The Second Chamber consists of 550 members. The electoral districts are determined by law. They may consist of one or more districts or not, of one or more large tawns.

and the property of the districts of the property of the pr

in such towns where, in lieu of parts of direct taxes, the meal and slaughtest ut is levied.

Art. 73. The legislative period of the Second Chamber is limited to five years.

Art. 73. The legislative period of the Second Chamber who has accomplished his 50th year, who has not forfeited the enjoyment of fall civit rights through judicial sentence, and who has belonged during three years to the Prussian state.

Art. 75. The chambers are to be re-elevated at the expiration of their legislative period. The same occurs when they are dissolved. In either case former members are re-eligible near the same states are stated by the king dursing the month of November; and besides that, as often as circumstances may require.

Art. 77. The opening and closing of the chambert takes place by the king in person, or by a minister appointed by him, in presence of both chambers. Both chambers are to be convoked, opened, adjourned, and proroqued similarasously, and the same provided the same stream of the same provided to the same provided to the same provided the same provided to th

967 it to the misisters, and demand explanations relative to complaints contained therein.

Art. 82. Each chamber has the faculty to appoint commissions of investigation of facts for their own information.

Art. 33. Members of both chambers are representatives of the whole population. They were according to their free conviction, and are population. They vote according to their free conviction, and are for opinions uttered by them in the chambers. No member of the chamber can, without its assent, be submitted to examination or arrest for any proceeding entailing penalties, unless seized in the act, or within 18 hours of the same. Minital proceedings against members of which are the season, should the chamber whom it may concern so demand.

Art. 85. Members of the Second Chamber receive travelling examination.

mand.

Art. 85. Members of the Second Chamber receive travelling expenses and diet money from the state, according to a scale fixed by law (three dollars or nine shillings per day). Refusal of the same is not admissible.

CHAPTER VI. - OF THE JUDICIAL POWER

Art. 86. The Judicial power is exercised in the king's name by independent courts, subject to no other authority than that of the law. Sentences are promulgated and carried into effect in the king's name. Art. 87. Judges are nominated by the king, or in his name, for life. They can only be removed, or suspended from office temporatily, for motives provided for hy law. Temporary suspensions from office, which do not take place according to law, involuntary removal to the place according to law, involuntary removal to the mode prescribed by law, and in consequence of judicial sentence.

moe.

Art. 88. Judges cannot henceforth occupy other paid official func-ons. Exceptions are only admissible in virtue of a law.

Art. 89. The organisation of judicial courts shall be determined by

Art. 93. Judges cannot henceforth occupy other pair omcuta runctions. Exceptions are only admissible in virtue of a Lew-Art. 99. The organisation of judicial courts shall be desermined by Art. 99. Those only can be appointed judges who are qualified therefor by the prescriptions of the law.

Art. 91. Courts for special classes of affairs, especially courts of commerce and industry, shall be established in such places as may be required through legislative means. The mode of places as may be same, the normanison of memiers, the special attributions of the same, the normanison of memiers, the special attributions of the same, the normanison of memiers, the special attributions of the same, the normanison of memiers, the special stributions of the same, the normanison of memiers, the special stributions of the same, and the same shall be public. This publicity can, however, be suspended by Press, and the same shall be public. This publicity can, however, be suspended by lawing the same shall be public. This publicity can, however, be suspended by a lawing the same shall be public. This publicity can, however, be suspended by a lawing the same shall be public. This publicity can, however, be suspended by a lawing the same shall be public. The press, which the law does not explicitly except, the decree as to the guilt of the accused must be pronounced by a lawing the same shall be seen to the guilt of the accused must be pronounced by a lawing the same shall be regulated by law. Art. 95. A special jury court can be established by a law to be macred with the previous assent of the chambers, the province of which will be to take cognision of jury courts will be regulated by law. Art. 95. The competency of courts of justics and of administrative anthorities shall be decided by a court of justics spointed by Iaw.

Art. 95. The competency of courts of justics and of administrative anthorities shall be decided by a court of justics appointed by Iaw.

Art. 95. The competency of courts of justics and of administrative and m

CHAPTER VII.—OF STATE PURCTIONAINE NOT BELIEVED TO THE BESSEL OF JUDGES.

Art. 98. The special legel relations of such state functionaries as do not belong to the banch of judges, including the attorney general, shall be regulated the selection of its officiating organs, shall afford sufficient security to state functionaries against arbitrary deprivation of place and income.

CHAPTER VIII. - OF THE PINANCES.

Art. 99. All receipts and disbursements of the state must be calculated for each year in advance, and inserted in the estimates. The land for each year in advance, and inserted in the estimates. The land, the land of the l

of a law. The same rate regards as a second respectively. Art. 104. All sur-expenditure requires the subsequent assent of the chambers. The financial accounts shall be sudded and fixed by the supreme chamber of accounts. A general report on the financial estimates, including a summary of the national debt, shall every year be made, with remarks, by the chamber of accounts, to the chamber, for the exoneration of ministers. A special law will determine the establishment and attributes of the supreme chamber of accounts.

CHAPTER IX.

This chapter relates to the parochial, circle, district, and provincial

GENERAL DISPOSITIONS.

Art. 106. Laws and ordinances are binding, when promulgated according to the forms and ordinances are binding, when promulgated according to the forms and ordinances are binding, when promulgated according to the following the product of promulgated laws does not appetrain to the authoritoes, but to the chembers alone.

Art. 107. The constitution can be changed through the ordinary chunnel of legislation, for which the customary absolute majority in each chamber is sufficient. After two divisions, between such of water 108. The members of both chambers, and all functionaries of the state, make eath of loyalty and obedience to the king, and awear to the conscientions observance of the custifution. The army does not swear to the constitution.

Art. 109. Existing taxes and contributions shall continue to be levied, and all dispositions of existing statutes, individual laws and in force until changed by law.

Art. 109. All authorities in Billice, in virue of existing laws, remain in activity, until the carrying out of such organic laws as may affect them.

11. In case of war or urgent dange 6, 7, 24, 26, 27, 28, and 34 of the contractor, The is

eitory dispositions.

own sign manual, to which our royal seal is

(Signed) FREDERICK WILLIAM.

ienburg, von Ladenb von der Heydt, vo leufel, von Stroti n, von Schleinitz-

n at Charlottenburg, Jan. 31. 1850.

Prussian Railways.—The Prussian Gazette has published the following notice relative to the Prussian railways in full operation.

Lines	Dia- tance.	Capital ex- pended.	Receipts per Mile Jan. 1851.
Berlin, Potsdam, and Mag- deburg	194	Rim-dolle. 10,500,000	Ris-dalls. 8,252
Cologne, Minden, and branches Cologne and Boan Cologne and Aix Prince William	362 34 114	20,174,300 1,027,300 1,166,500 2,000,000	3,537 1,774 3,028 1,641
Munster and Hamm Dusseldorf and Elberfeld Berlin, Dresden, and Leipaig Berlin, Stettin, and Stargard Stettin, Stargard, and Posen	501 291 291	1,500,000 2,427,800 7,500,000 5,624,000 5,000,000	1,510 3,368 1,797 2,707 656
Breslau and Schweidnitz Berlin, Breslau, and Ratibor Upper Silesian Lower Silesian Branch	51 26 94	2,100,000 19,97,,000 7,950,000 2,000,000	1,438 2,218 2,731 720 2,945
Bertin and Hamburg Wilhelm's Line Reiss and Brieg Herg and Marches Crefeid Gladbach	71 5	1,450,000 1,100,000 5,750,000 1,110,000	1,067 833 2,348 801
Total	290	121,645,600	1

ROCHESTER, a city of the U. States, New York, on the Genesee river, 7 m. S. from its embouchure in Lake Ontario, at the point where the Eric canal is carried over it by a splendid aqueduct, 260 m. N. W. New York. This is one of the most remarkable even of the American towns for the rapidity of its growth. Its pop., which, in 1820, amounted to only 1,502, had increased, in 1830, to 9,399, in 1840, to 20,191, and in 1848, to about 30,000! This unparalleled increase has been owing, in part, to the advantageous situation of the town for an emporium, from its easy communication with the lakes by means of the Genesee, which is navigable to within 2 m. of the town, and with the country traversed by the Erie and Genesee canals, and by various rallways, which either terminate in or pass by the town; but it should principally, perhaps, be ascribed to its immense command of water-power, the various falls of the Genesee river within its limits amounting in all to 268 ft. in perpendicular height; it has, in consequence, many large flour-mills, and is, in fact, become the principal seat of the flour trade of the Union. In proof of this we may state, that the shipments of flour from Rochester by canal, in 1846, amounted to 540,255, and in 1847 to above 600,000 bar. It has also a variety of other large establishments, the moving power in which is supplied, wholly or in part, by water—such as fulling-nills, woollen and cotton factories, iron founderies, &c. In addition, it has extensive tanneries; and boat building, both for the canals and for the trade of the lakes, is carried on with great spirit.

Rochester is a well-built, as well as an opulent and fourishing town, having wide streets, large "stores" and warehouses, and many neat, and some superior dwelling-houses, with shrubberies attached. Being the cap, of a county, it has a court-house, jail, and other county buildings to the same supply of weekly and claily newspapers, &c. It was incorporated as a city in 1841. (Haskell's Gasetteer; and an art. in Hassa'e Com. Magasine

the U. States, in California, on the S. promon-tory bounding the great bay of San Francisco, inside the bay, and a little to the S. of its entrance from the Pacific, lat. 37° 48′ 5″ N., long. 122° 4′ W. The growth of this city has been quite extraordinary. In the early part of 1848, it consisted only of a few rude cabins; whereas it has now an exchange, a theatre, a custom-house,

sundry churches and other public buildings, with great numbers of private houses, rosny of ire of wood, but many, also, of adobe (sun-sned bricks), with a vast number of attached tents and booths. And while such is the metamorphoses on shore, her waters, which were formerly qui e deserted, are crowded with ships and steamers from all parts of the world! San Francisco is indebted, as every one knows, for this all but miraculous transformation, to the discovery of the gold deposits in the beds of the tributaries of the San Joaquin and Sacramento rivers, which fall into her bay. Such, however, are the advantages of her situation, and the fertility of the adjacent country, that the exhaustion of the gold deposits, though it might check for a while, would not permanently affect the growth of the city, or the extent of her trade.

an Francisco stands on a sandy level; and, during the wet season, when it is most crowded, the streets were at first mere puddles, into which carriages sunk to the axles; while, in the dry season, the annoyance from dust was all but intolerable. But these inconveniences have been to a great extent obviated by flooring the streets, or covering them with stout planks, a process which has been carried to a great extent, and has had the most complete success. The city has suffered much from fires. These, however, have been speedily repaired; and, in a few weeks, no traces are seen of the most destructive conflagrations. According, however, as houses of brick or sone are substituted for those of wood and for tents, fires will become less frequent and less destructive.

The pop. of San Francisco is the most motley that can be imagined; for, though Americans predominate, a large admixture is to be seen of adventurers from all parts of the world. Gambling is very prevalent; and is, per aps. carried on to a greater extent here, during the rainy season, than in any other place either in the New or the Old World. But this is the natural result of the circumstances under which the pop. has been brought together; and the passion will, no doubt, abate as the circumstances in which it

originated change or lose their influence.

The bay of San Francisco has a narrow entrance, but within it expands into one of the noblest basins that is anywhere to be met with, having a coast line of about 275 m. The town has already become the seat of a very extensive trade, and will, most likely, be the grand emporium of the vast territory belonging to the U. States on the Pacific. The trade with China, Australia, the Eastern Archipelago, and the Polynesian islands, is even now considerable, and several ships have been fitted out for the whale-fishery. At present, however, the princi-pal trade of the city is with Panama on the one hand, and Oregon on the other; bringing immigrants and all sorts of manufactured goods from the former, and corn and other raw produce from the latter. But she has, also, an extensive trade with Chili, the Eastern portion of the U. States, and with Europe by Cape Horn. The importation of almost all sorts of products has been completely overdone, and most varieties of manufactured goods may at present (1851) be bought in San Francisco cheaper than in Liver-pool or Havre. This, however, is a species of miscalculation incident to the opening of all new markets, which will speedily correct itself. Gold bullion, with small but increasing quantities of quicksilver, and hides, have hitherto been the all but exclusive articles of export.

We borrow from a San Francisco paper, the

^{*} In German miles (about 4 English).

† Stettin and Stargard only 643.

† Say, in round numbers, 1,380 English miles. To these must b fay, in round numbers, 1,380 English miles. To these must b fay, or far fail of the Westphalian line recent opened for traffic, so that the actual amount is 300 German (about 1,425 English) miles.

following statement of the quantities of gold exported from California, from the discovery of the mines in 1849 down to the 31st December, 1850.

old dust shipped by stemmer.

31st Dec. 15:0

Sint Dec. 15:0

Simped to have been taken by passengers between the best of the at shipped by steamers from 1st April, 1849, to Various parameters are a second or a secon 19,000,000 62,717,797

In the above estimates the value of gold dust has been computed at 15 dolls, per ounce troy. To this amount should be added 1 doll. 50 cents, the mint value, say

68,587,591

Nowhere in the world is there so great a disparity between the sexes as in San Francisco; there being at least from 5 to 6 men for one woman. But this disparity is gradually lessening, and with it some of the worst features in the present condition of the pop.

The population of the city differs widely at different periods, being crowded in the wet, and comparatively deserted in the dry season. Though by far the largest and most important town in the State, it is not its capital. That distinction has been conferred on San José, because of its more

central situation.

SHANG-HAE, a city and river port of China, prov. Kiang-su, on the Woosung river, 40 m. by water from the sea, and 160 m. E.S.E. Nankin; lat. 31° 12° N., long. 120° 50′ E. Pop. estimated at from 115,000 to 135,000. It stands in a level and well-cultivated plain, pro-ducing good crops of cotton, rice, and wheat. Immediately outside the wall by which it is enclosed are several populous suburbs. Streets narrow and filthy. Foundling hospitals, tea-gar-Streets dens, and vast ice-houses, are the objects most worthy of notice in the city. It has a mint, with manufactures of silk, vegetable oils and oil cake (of which vast quantities are annually sent into the interior), iron ware, glass, paper, ivory ware, &c.

ware, &c.

This is the most northerly of the five Chinese ports opened to foreigners by the treaty of 1842, and, excepting Canton, it is, also, the most important. The river, which may be navigated by ships of 450 or 500 tons for a considerable distance above the town, crosses the Grand Canal, so that Shanghae is an extrept for all the vast and fertile countries traversed by the canal, and by the great rivers, inc. the Yang-tse-Kiang and the Hoang-Ho, with which it is connected. Hence the present importance of this emporium, and hence, also, the indefinite extension to which its foreign trade will probably attain. Its inland and coasting trades are both very extensive. It is said to be annually visited by from 5,000 to 6,000 canal and river boats, some from very great distances, and by 1,500 or 1,600 coasting junks. The prov. of Kiangau, in which Shanghae is situated, produces great quant. u, in which Shanghae is situated, produces great quantitles of slik; and besides supplying most part of the N. provs. of the empire, the shipments of silk to the foreigner are greater from this than from any other port. It is also, well situated for the export of both green and black are greater from this than from any other port. It is, also, well situated for the export of both green and black teas. Among the other exports are gold and silver, with oil and oil-cake, camphor, drugs, porcelain, cotton, cassia, alum, grysum, coal, &c. Of the imports optum is by far the greatest; and at least 20,000 chests of Bombay (Malwa) and Patna optum are now annually disposed of in this market; which, supposing the cheat to be worth 800 dolls., or 2,200,000 sterling, for which payment is almost invariably made in the precious metals! Sugar is extensively imported from Formosa, Canton, the Philippines, &c.; cotton stuffs, woollens, iron. &c., from England; with sandal wood, birds' nests, biche deser, and other products of the Eastern Archipelago, &c. In 1847, 75 British vessels, of the burden of 19,361 tons, entered the port; the value of their imports (ex. optum, which is contraband) being 898,2324, of which cottons made near 700,000.! During the same year we exported, ex. gold and silver, 13,313,599 lbs. tea, and 17,680 bales silk, the estimated value of the latter being 1,014,0594.

The inhabs. of Shanghae are much more hospitable

4,576,042

5,869,794

VANCOUVER'S ISLAND.

and better disposed towards foreigners than those of Canton; and strangers may travel for miles into the interior all round the city, with perfect security. Within the last 4 or 5 years, some very fine brick houses have been built by the British and other foreign merchants in the suburbs. (Parl. Reports, and Information obtained from residents in Shangkae.)

UTAH, a central region of the U. States, newly erected into a territory, having N. Oregon, E. the creat of the Rocky mountains, S. the parallel of the 37th deg. of N. lat., and W. California. It is for the most part mountainous; but it also contains a considerable extent of forest and cultivable land, especially along the banks of the Colorado and its affluents. In many parts, however, it is still wholly unexplored. It includes the Great Salt Lake, on the Side of which is a settlement of Mormons, or "Latter Day Saints," comprising almost the whole white inhabs. unexplored. It includes the Great Sait Lake, on the Eside of which is a settlement of Mormons, or "Latter Day Saints," comprising almost the whole white inhabs. of the territory. The absurdity of their tenets occasioned their expulsion from the other parts of the Union, and the violent death, or, as it is called, martyrdom of their prophet, Joe Smith. Here, however, they seem to have found a secure asylum; and so rapidly are their numbers increasing, that the territory will speedly be erected into a state. Mr. Johnston mentions that down to the present year (1851) no fewer than 13,500 avowed Mormons had sailed from Liverpool for this newly explored land of promise. The sect has, in fact, almost everything required to ensure its progress. Its doctrines have as much of mysticism, blasphemy, and folly as is required to recommend them to the ignorant; and being hallowed by the blood of the prophet, their dissemination may be expected, as a matter of course, till they are superseded by some greater foily.

VANCOUVER'S ISLAND, a large island belonging to Great Britain, on the N.W. coast of N. America, being the most southerly of our

of N. America, being the most southerly of our possessions in that quarter. It stretches in a N. N. W. and S. S. E. direction, between the 48th and 51st degs. N. lat., and the 123rd and 129th dega. W. long., being about 900 m. in length, by from 40 to 50 m. in breadth. It is separated from 40 to 50 m. in breadth. It is separated from the continent by what is in most parts a narrow channel, called on the S. the Straits of Fucs, in the middle, where it is widest, the Gulph of Georgia, and on the N. Queen Charlotte's Sound. The Hudson's Bay Company have built a fort at the S. end of the island, lat. 48° 26' N., long. 123° 9' W. Around the shores are many excellent harbours, the best, perhaps, and, at all events, the most celebrated of which, Nootka Sound, on its W. coast, was discovered by Cook in 1778.

by Cook in 1778.

The island is intersected by high mountain ranges, but it has notwithstanding a considerable extent of level and undulating land susceptible of cultivation. Soils very various, being princi-pally, however, of a friable description. The best is a black vegetable mould, producing a most luxuriant vegetation. Climate peculiarly mild, but in winter the rains, accompanied with violent thunder-storms, are heavy, and almost incessant, the smallest brooks being then swollen to impassable torrents; and, in summer, though there is but little rain, dews are heavy, and fogs frequent and dense. Hence, it is doubtful, not-withstanding the aptitude of the soil, whether the country be suitable for the production of wheat and barley, which have hitherto being tried only on a very small scale. Probably, however, it may not be too moist for oats; and the potato, which is extensively raised by the natives, is said to thrive remarkably well. The growth of timber is most luxuriant. Pine, spruce, red and white oak, ash, cedar, maple, &c., are found in the utmost profusion, the cedar and pine attaining to an immense size. The land animals comprise bears, foxes, deer, ermines, squirrels, &c., with a great variety of game. It has been said that the humidity of the climate will hinder this island from ever becoming a wool-growing country; but though it may not produce fine, it may produce coarse, wool; and there can be no doubt of its being well fitted, from the luxuriance of its pastures, for the growth of cattle. The bays,

rivers, and adjacent seas, swarm with a variety of fish, including salmon, sturgeon, herrings, &c., with seals, sea otters, tortoises, &c., and they are are also resorted to by whales. The harbours of the island are consequently well situated for carrying on an extensive and profitable fishery; and they are further said to be better fitted than any others, on the W. coast of N. America, for shipbuilding.

The mineral riches of the Island have been very im-perfectly explored. Enough, however, is known to establish the important fact, that extensive beds of coal are to be met with in its N.E. parts. In various localities are to be met with in its N.E., parts. In various localities the bods have been found cropping out at the surface, and large supplies have been obtained with but little difficulty and little expense. Some of the coal has been brought to England, and is said to have answered very well in forges. It is probable, however, inasmuch as the surface of one or two beds has hitherto been merely scratched, that we have not yet had any proper specimen of the best coal.

of the best coal.

of the best coal.

The native inhabs, subsist principally by hunting and fishing, especially the latter, and by cultivating the potato. They are remarkable for indolence and fifth; their heads are flattened when young by artificial means; and their legs are ill-formed, those of the women being frequently are allen.

and their legs are ill-formed, those of the women being frequently swollen.

A settlement established by this country at Nootka Sound in 1788, was suppressed in the following year by the Spaniards, an outrage which nearly occasioned a war with Spain. Since them it has been almost wholly neglected, till within these few years that some establishments have been formed upon it by the Hudson's Bay Company. Latterly it has been proposed to make it the site of a colony that should prosecute the seal and whale fishery. for which, as already stated, it is supposed to be peculiarly well situated. And with a riew to the realising of this project, it has been made over to the Hudson's Bay Company, on condition of their establishing a colony within its limits in the course of the five years following 1848. This proceeding has, however, been much censured, principally because of the alleged anti-colonising character of the Company. But we doubt whether this character be deserved; and we are inclined to think that the inhospitable nature of the countries included in their charter has been the great, or rather the sole, cause of charter has been the great, or rather the sole, cause of their not being colonised. We further take leave to their not being colonised. We further take leave to doubt, whether, considering the number and situation of our other dependencies, the colonisation of this island be desirable. But whether it be so or not, its great distance from England, the humidity of the climate, and the infinitely greater facilities afforded by Canada and our other colonies in N. America for the reception of emigrants from this country, are obstacles to its settlement, which, we apprehend, it will be difficult to overcome.

The following is a synopsis of the basis of the constitution of the colony:—

stitution of the colony:

"The Governor is appointed by the Crown, with a council of seven members, likewise so appointed.
"The Governor is authorised to call Assemblies, to be elected by the inhabitants holding twenty acres of fembrald large.

"For this purpose, it is left to the discretion of the Governor to fix the number of representatives; and to divide the island into electoral districts, if he shall think such division necessary.

"The Governor has the usual powers of proroguing or dissolving such Assembly.

"Laws will be passed by the Governor, Council, and

"The legislature, thus constituted, will have full power to impose taxes, and regulate the affairs of the island, and to modify its institutions, subject to the usual control of the Crown."

control of the Crown."

There is little to object to in the above regulations. And it might have been supposed, considering the remote situation of the colony, and the difficulties under which it labours from its proximity to Oregon and California, that every encouragement would have been given to Intended settlers. But no! The foundation of a colony a trifling matter compared with the maintenance of the "grand principle" (!) of imposing a high price on the land; and hence the following rules:

"1. That no grant of land shall contain less than twenty acres.

twenty acres.
"2. That purchasers of land shall pay to the Hudsou's Bay Company, at their house in London, the sum of lt.

per acre for the land sold to them, to be held in free and common soccage.

common soccage.

"3. That purchasers of land shall provide a passage to Vancouver's Island for themselves and their families, if they have any; or be provided with a passage (if they prefer it) on paying for the same at a reasonable rate.

"4. That purchasers of larger quantities of land shall pay the same price per acre, namely, It, and shall take out with them five single men, or three married couples,

out with them see single men, or three marrieu coupses, for every hundred acres.

5. That all minerals, wherever found, shall belong to the Company, who shall have the right of digging for the same, compensation being made to the owner of the soil for any injury done to the surface; but that the said owner shall have the privilege of working for his own benefit any coal mine that may be on his land, on payment of a royalty of 2s. 6d. per ton."

And these rules have been laid down for emigrants to Vancouver's Island, when it could hardly fail to be known to their framers that Oregon, in its immediate vicinity, has a better soil, a better climate, and is in every respect pre-ferable as a place of settling; and further, that land may be had in unlimited quantities in Oregon for 6s. or 6s. 6d. an acre! And such Oregon for 6s. or 6s. oa. an acte: help the case, to say that the regulations hid down for the sale of land in Vancouver's laund are impolitic is to say nothing. They are at are impolitic, is to say nothing. They are at once absurd and suicidal. And the only thing to be said in their favour is, that they are so palpably mischievous, that few indeed will be such fools as to subject themselves to their operation.

operation.

This island, which is sometimes called "Quadra and Vancouver's Island," received the former of these names from Quadra, a Spanish officer, by whom it was partly surveyed; and the latter from Vancouver, an Elow of Cook, who carefully surveyed most part of its shores, with a large extent of the N. W. coast of the American coutinent. (Dun's Hist. of the Oregon Territory; Martin's Account of the Hudson's Bay Territories; and Official Popers.)

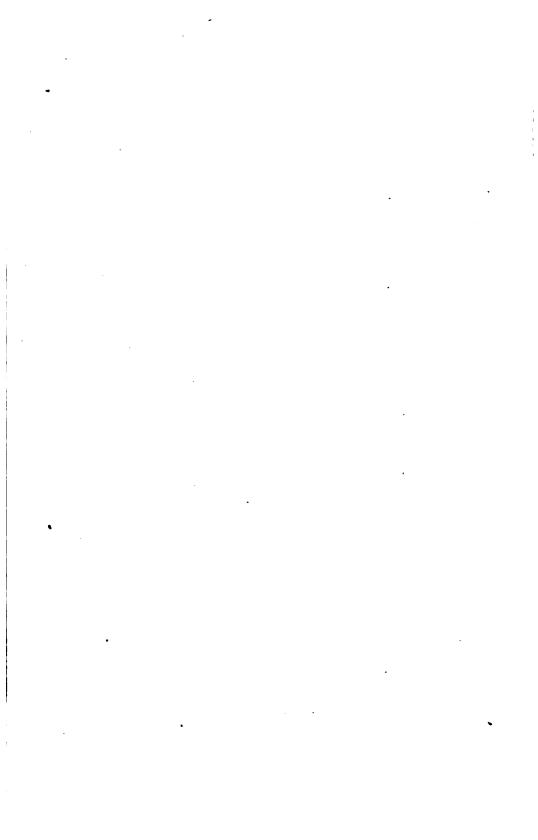
ZANZIBAK, a small island on the E. coast of Africa, opposite to Zanguebar, from which it is distant only about 20 m. the town of the same name, on its W. side, being in lat. 6° 3° 15" S., long. 38° 10' E. It is about 40 m. in length from N. to S. by about 15 m. in breadth. The W. coast is low, and in parts marshy; but the E.

being in lat. 6° 8′ 15″ S., long. 25° 10′ E. It is about 45 m. in length from N. to S. by about 15 m. in breadth. The W. coast is low, and in parts marshy; but the E. ceast is bold and well wooded. There are numerous harbours between the island and the mainland, formed by smaller islands and reefs, which are safe and not difficult of access. The anchorage opposite to the town is at once secure and capacious. The island is well watered, producing considerable quantities of excellent sugar, with rice and other grains; and provisions and fruits of all sorts are abundant and cheap. Though the bills in the interior are not sufficiently high to interrupt the course of the sea breeze, the hiand is being the bills in the interior are not sufficiently high to interrupt the course of the sea breeze, the hiand is built indifferently healthy, at least to Europeans. The inhabs. are mostly of Arab extraction, and profess the Mohammedan religion. The island belongs to the Mohammedan religion. The island belongs to the Imaum of Muscat, who occasionally resides upon it. The town is built in the Arabian style, and is defended by a castle, which, however, is of little strength.

Zanzibar is the centre of a considerable commerce with the opposite coast of the continent, Madagascar, India, Arabia, &c. Among other things, the export comprise gums, ivory, antimony, blue vitriol, cocca out oil, hides, horns, sugar, &c. Formerly slaves were a principal article of export. Fancy shells are also exported, and the shell known in commerce by the name of the ball snowals, having been used in the manufacture of imitation cameos, was extensively imported into this country while these articles were in fashion; but since the demand for them has fallen off, the value of the shell and the quantity imported have proportioually declined.

the demand for them has fallen off, the value of the abel and the quantity imported have proportionally declined. The imports comprise arms, gunpowder, cutlery, coarse cotton stuffs, beads, wire, iron, &c. Small vasses of about 200 tons burden, called dows, are built on the island. We have not seen any statement of the pop. of Zansibar on which any reliance could be placed, but it may, perhaps, amount to irom 20,000 to 25,000. (Owen's Voyages on the Shores of Africa, Arabia, &c. 1. 427—424.; Dict. Géog.; and Private Information.)

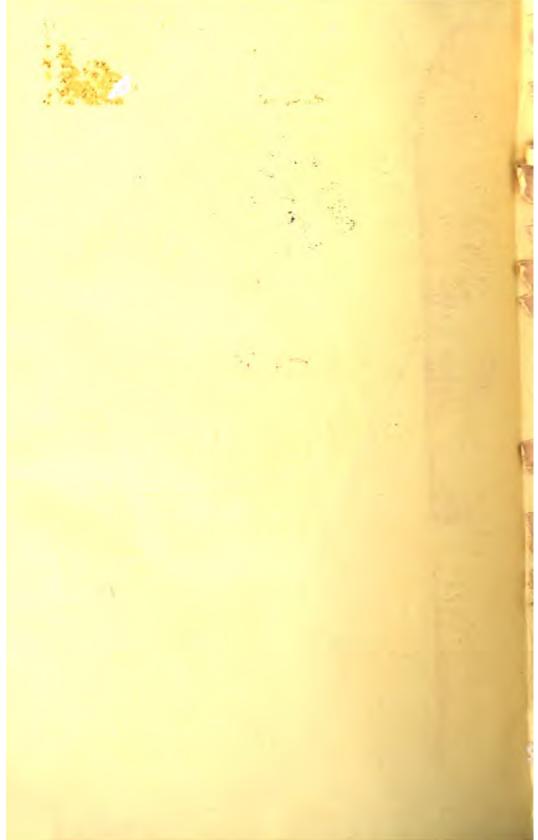
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